SVERI's
College of Engineering, Pandharpur

Mechanical Engineering Department

Online Certificate

Course on

Advanced Concepts in Manufacturing

Duration- 17/08/2022 to 31/08/2022

Class: L. Y. Div:-A & B

Sem-I

A.Y.: 2022-23

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , **NAAC**, Accredited Institute,
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

REPORT

The Department of Mechanical Engineering conducted online **Certificate course** on ***Advanced Concepts in Manufacturing*** **from 17/08/2022 to 31/08/2022**. The resource person for this certificate course was Mr. B. D. Gaikwad. In this certificate course the student got the detail knowledge about manufacturing concepts typically involve the use of advanced technologies, processes, and techniques to improve efficiency, productivity, and quality in manufacturing operations. **Total 132 students of L. Y. Mechanical participated in this certificate course**. All the faculty members from Mechanical department worked actively for the successful completion of certificate course. **The Course outcomes for this course are:**

1) **Students got knowledge about how to operate and program robotic systems, utilize additive manufacturing technologies.**
2) **Students gained insights into the latest advancements, emerging technologies, and industry best practices, making them well-prepared for the demands of the modern manufacturing sector.**

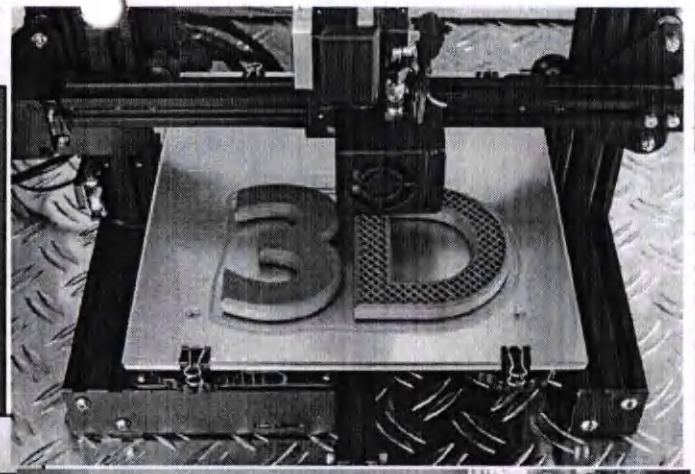
Mr. K. S. Pukale
Course Coordinator

Dr. S. S. Wangikar
Head, Mech. Engg. Dept.

HEAD,
Dept. of Mechanical Engg
C.O.E. Pandharpur

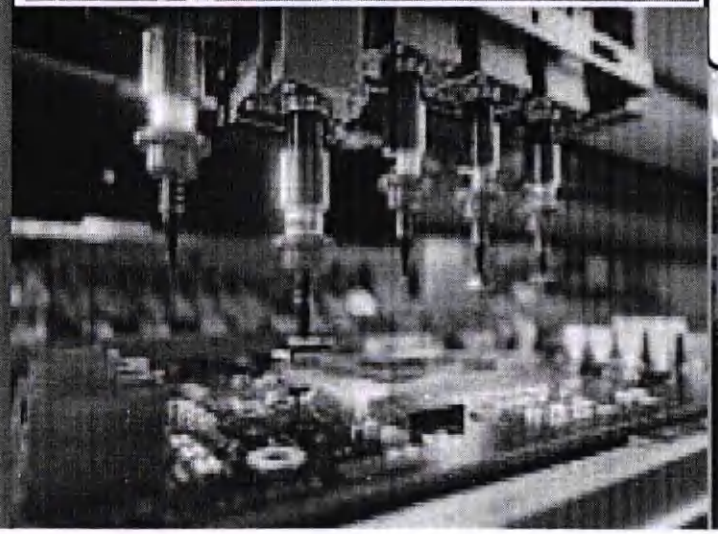
RESOURCE PERSONS

The resource persons Mr. B. D. Gaikwad, Assosiate Professor from SVERI's College of Engineering, Pandharpur.



MAJOR TOPICS

- **Introduction to Advanced Manufacturing**
- **Additive Manufacturing**
- **Robotics and Automation in Manufacturing**
- **Advanced Materials and Manufacturing**
- **Sustainable Manufacturing**
- **Digital Manufacturing and Industry 4.0**
- **Quality Control and Six Sigma**
- **Supply Chain Management**
- **Case Studies and Industry Applications**



SVERI's
College of Engineering, Pandharpur

Department of Mechanical Engineering

Organizes
Online
Certificate Course
on

"Advanced Concepts in Manufacturing"

Date: 17/08/2022 to 31/08/2022

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COLLEGE OF ENGINEERING, PANDHARPUR
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Date: 12/08/2022

Department of Mechanical Engineering

NOTICE

All the students of L.Y. B. Tech. (Mechanical Engineering) are informed to note that, it is compulsory for students of L.Y. B. Tech. to complete Add-on course from A.Y.2022-2023. Accordingly, Department of Mechanical Engineering has organized **Add on Course** on **'Advanced Concepts in Manufacturing'** from **17/08/2022 to 31/08/2022**. Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination.

All the concerned should take note and act accordingly.

(Prof. K. S. Pukale)
Course Coordinator

(Dr. S. S. Wangikar)
Head, Mech. Engg. Dept.
HEAD,
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C.O.E. Pandharpur

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Ref. No.: COEPR/MECH/2022-2023 Date:-13/08/2022

OFFICE ORDER

Following committee has been constituted for Design and Development of Curriculum for **Add on Course 'Advanced Concepts in Manufacturing'** for L.Y. B.Tech. (Mechanical Engineering) Semester-I of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Prof. B. D. Gaikwad	Chairman
2.	Prof. A. A. Shinde	Member

The above members are requested to design the curriculum for the said Add on Course and submit final copy of the curriculum to the undersigned on or before 16/08/2022.

Please take a note of the same and act accordingly.

(Dr. S. S. Wangikar)
Head, Mech. Engg. Dept.

HEAD,
Dept. of Mechanical Engg
C.O.E. Pandharpur

Copy to:
1. Prof. B. D. Gaikwad
2. Prof. A. A. Shinde
3. Principal
4. Dean Academics
5. Registrar
6. Office copy

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Department of Mechanical Engineering

Syllabus for Advanced Concepts in Manufacturing

- Introduction to Advanced Manufacturing
- Additive Manufacturing
- Robotics and Automation in Manufacturing
- Advanced Materials and Manufacturing
- Sustainable Manufacturing
- Digital Manufacturing and Industry 4.0
- Quality Control and Six Sigma
- Supply Chain Management
- Case Studies and Industry Applications

(Prof. K. S. Pukale)
Course **Coordinator**

(Dr. S. S. Wangikar)
Head, Mech. Engg. Dept.
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SVERI's COLLEGE OF ENGINEERING PANDHARPUR
DEPARTMENT OF MECHANICAL ENGINEERING
A.Y. 2022-23 SEM: I
Online Certificate Course on "Advanced Concepts in Manufacturing"
CLASS: L. Y. (MECH) DIV: A
Student List

Roll No.	Name of Student	Roll No.	Name of Student
LA01	Saurav Subhash Pawar	LA37	Gaurav Shivaji Ghaytidak
LA02	Shubham Balaso Gandule	LA38	Moajjam Salim Mulani
LA03	Gaurav Sunil Khandalkar	LA39	Mane Sujit Sudhakar
LA04	Abhijit Madhukar Kukade	LA40	Dnyaneshwar Bapu Thengal
LA05	Rahul Vilas Gaikwad	LA41	Omkar Ashok Sarade
LA06	Anil Vitthal Dongare	LA42	Rushikesh Wamanrao Deshmukh
LA07	Shivraj Rajendra Bhusnar	LA43	Yadav Kedar Sanjay
LA08	Rajkumar Bhimasha Yalasangi	LA44	Bapendrakumar Babasaheb Sontakke
LA09	Rohan Balasaheb Bhandare	LA45	Ajit Mallikarjun Nadvinangal
LA10	Ajay Shankar Sukale	LA46	Saurabh Dattatraya Edake
LA11	Suhas Nagnath Nashte	LA47	Akshay Pravin Hetiya
LA12	Nikita Nagnath Pawar	LA48	Karansinh Balkrushna Deshmukh
LA13	Rutuja Vinayak Kapase	LA49	Sadashiv Subhash Bandgar
LA14	Neha Govindrao Patil	LA50	Prathamesh Prashant Patil
LA15	Pooja Mohan Kapare	LA51	Viraj Vikas Patil
LA16	Komal Tanaji Gangathde	LA52	Sandip Ramesh Ingale
LA17	Diksha Dipak Admile	LA53	Vijay Hanumant Surve
LA18	Shivani Rameshwar Nane	LA54	Rahul Bhagwansingh Chaudhari
LA19	Ajit Suryakant Gaikwad	LA55	Pramod Tanaji Awalekar
LA20	Prasanna Sanjay Khobare	LA56	Balaji Rajendra Pise
LA21	Rohit Manohar Kadam	LA57	Mayur Balasaheb Shelake
LA22	Suyog Prakash Jadhav	LA58	Gaurav Vikas Karande
LA23	Sagar Pandurang Dhotre	LA59	Sachin Shivaji Sutar
LA24	Waghmode Sachin Balwant	LA60	Kunal Balasaheb Shete
LA25	Patil Sambhaji Bajarang	LA61	Sainath Navnath Kharade
LA26	Avinash Dnyandev Jadhav	LA62	Gorakhanath Appaso Kondubhairi
LA27	Rahul Bhagavan Khadake	LA63	Prashant Siddheshwar Mali
LA28	Abhishek Ravishankar Jodmote	LA64	Rohit Dattatraya Ghodake
LA29	Saurabh Vishal Shende	LA65	Pratik Rajkumar Chandole
LA30	Rakesh Prakash Birajdar	LA66	Rushikesh Sunil Wagh
LA31	Abhijeet Sameersingh Rajput	LA67	Mahesh Macchindra Bandgar
LA32	Shanaishwar Balasaheb Misal	LA68	Muntasim Riyaj Bhaijan
LA33	Shubham Shashank Shingan	LA69	Rutvik Sunil Gore
LA34	Rohit Balasaheb Jundale	LA70	Tirth Sudhakar Rathod
LA35	Soham Ganesh Overikar		
LA36	Kale Ruturaj Yuvraj		

(Prof. K. S. Pukale)
Course Co-ordinator

(Dr. S. S. Wangikar)
H.O.D., Mech. Engg. Dept.

HEAD,
Dept. of Mechanical Engg
C.O.E. Pandharpur

SVERI's COLLEGE OF ENGINEERING PANDHARPUR
DEPARTMENT OF MECHANICAL ENGINEERING
A.Y. 2022-23 SEM: I
Online Certificate Course on "Advanced Concepts in Manufacturing"
CLASS: L. Y. (MECH) DIV: B
Student List

Roll No.	Name of Student	Roll No.	Name of Student
LB01	Birajdar Vaishnavi Rajendra	LB37	Prathamesh Mallikarjun Kotgond
LB02	Supriya Mahadev Chougule	LB38	Londhe Suyash Nathaji
LB03	Tejashri Rajendra Dongare	LB39	Mali Krushna Sunil
LB04	Kadam Dipti Santosh	LB40	Siddheshwar Krishna Mali
LB05	Swapnali Dnyaneshwar Kalubarme	LB41	Mashalkar Swapnil Basavraj
LB06	Lawate Divya Nagesh	LB42	More Samadhan Aappaso
LB07	/Mamure Shraddha Chandrakanth	LB43	Shoaib Adam Mulani
LB08	Naiknaware Madhuri Anil	LB44	Nanaware Pratik Milind
LB09	Jyoti Mahesh Patil	LB45	Mukesh Laxman Natikar
LB10	Kranti Pradeep Suryvanshi	LB46	Suryakant Bamaningappa Nilgar
LB11	Pooja Baban Terave	LB47	Kalyan Rameshwar Paul
LB12	Chaitanya chandrakant Acharya	LB48	Nikhil Rajkumar Pawar
LB13	Vishwajeet Jyotirling Bachate	LB49	Ajinkya Radhesham Phatke
LB14	Venugopal Abhay Badave	LB50	Vikram Vilas Ronge
LB15	Bagal Prajwal Satish	LB51	Dharmendra Rajendra Sartape
LB16	Shankar Balasaheb Bansode	LB52	Sathe Ashitosh Rajendra
LB17	Vaibhav balasaheb bhosale	LB53	Shaikh Shakil Salim
LB18	Bichitkar Rushikesh Arun	LB54	Anand Tatyaba Shelake
LB19	Bidri Basaveshwar Rajendra	LB55	Shinde Gorakh Uttareshwar
LB20	Chavan Prem Govardhan	LB56	Shingate Dadasaheb Aba
LB21	Dabade Suraj Kushaba	LB57	Tanagavade Rohit Tanaji
LB22	Deshmukh Sagar Somnath	LB58	Thakar Onkar Sham
LB23	Shubham Prakash Dhanawale .	LB59	Aditya Jeevan Thite
LB24	Rohit Somnath Dhotre	LB60	Ranjit Sunil Waghmode
LB25	Gavali Ajay Pandurang	LB61	Prathmesh Dipak Yadav
LB26	Gawali Mhahmaji Maruti	LB62	Sushil Dhananjay Deshmukh
LB27	Goli Shrikant Ganesh	LB63	Shinde Nikhil Babasaheb
LB28	Gour Revansiddha Shivachalappa		
LB29	Arun Ambadas Gundeti		
LB30	Shantanu Uday Jade		
LB31	Karan Jadhav		
LB32	Revannath Bramhnath Jadhav		
LB33	Saurabh Santosh Kale		
LB34	Swapnil Haridas Kale		
LB35	Kasagavade Kiran Uttam		
LB36	Shubham Shashikant Katkar		

(Prof. K. S. Pukale)
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Mechanical Engineering Department
Online Certificate Course on "Advanced Concepts in Manufacturing"
CLASS: L. Y. (MECH) DIV: A & B A.Y. 2022-23 SEM:I
Attendance Record

Roll No	Name of Student	Date	17/08/2022	18/08/2022	19/08/2022	20/08/2022	22/08/2022	23/08/2022	24/08/2022	25/08/2022	26/08/2022	27/08/2022	29/08/2022	30/08/2022	31/08/2022
		M. No	1	2	3	4	5	6	7	8	9	10	11	12	13
LA01	Saurav Subhash Pawar		P	P	P	P	P	P	P	P	P	A	P	P	P
LA02	Shubham Balaso Gandule		P	P	P	P	P	P	P	P	P	P	P	A	P
LA03	Gaurav Sunil Khandalkar		P	A	P	P	P	P	P	P	P	P	P	P	P
LA04	Abhijit Madhukar Kukade		P	P	P	P	P	P	P	P	P	P	P	P	P
LA05	Rahul Vilas Gaikwad		P	P	P	P	P	P	P	P	P	P	P	P	A
LA06	Anil Vitthal Dongare		P	P	P	A	P	P	P	P	P	P	P	P	A
LA07	Shivraj Rajendra bhusnar		P	A	P	P	P	P	P	P	P	A	P	P	P
LA08	Rajkumar Bhimasha Yalasangi		P	P	P	P	P	P	P	P	P	P	P	A	P
LA09	Rohan Balasaheb Bhandare		A	P	P	P	P	A	P	A	P	P	A	P	A
LA10	Ajay Shankar Sukale		P	P	P	P	A	P	A	P	P	P	P	P	P
LA11	Suhas Nagnath Nashte		P	P	P	P	A	A	P	P	P	A	P	P	P
LA12	Nikita Nagnath Pawar		P	P	P	A	P	P	P	A	P	P	P	P	P
LA13	Rutuja Vinayak Kapase		P	A	P	P	A	P	P	P	P	P	A	P	P
LA14	Neha Govindrao Patil		P	P	P	P	P	A	P	P	P	P	P	A	P
LA15	Pooja Mohan Kapare		P	P	P	P	P	P	P	A	P	P	A	P	P
LA16	Komal Tanaji Gangathde		P	P	A	P	A	A	P	P	P	P	P	P	P
LA17	Diksha Dipak Admile		P	P	P	P	P	A	P	P	P	P	P	P	P
LA18	Shivani Rameshwar Nane		P	P	P	P	P	P	P	A	P	A	P	P	P
LA19	Ajit Suryakant Gaikwad		P	P	P	P	P	P	P	P	P	A	P	P	P
LA20	Prasanna Sanjay Khobare		P	A	P	P	P	P	P	P	P	P	P	P	P
LA21	Rohit Manohar Kadam		A	P	P	P	P	P	P	P	P	P	P	P	P
LA22	Suyog Prakash Jadhav		P	P	P	P	P	P	P	P	P	P	P	P	P
LA23	Sagar pandurang dhotre		P	P	P	P	P	P	P	P	A	P	P	P	P
LA24	Waghmode Sachin Balwant		P	P	P	P	P	P	P	P	P	A	P	P	P
LA25	Patil Sambhaji Bajarang		P	P	A	A	P	P	P	P	P	P	P	P	P

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LA26	Avinash Dnyandev Jadhav		P	P	P	P	P	P	P	P	P	P	P	A	P
LA27	Rahul Bhagavan Khadake		P	A	P	P	P	P	P	P	P	P	P	A	P
LA28	Abhishek Ravishankar Jodmote		P	P	P	P	P	P	P	P	P	P	P	P	A
LA29	Saurabh Vishal Shende		P	P	P	A	P	P	P	A	P	P	P	P	A
LA30	Rakesh Prakash Birajdar		P	P	P	P	A	P	P	P	A	P	P	P	A
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LA32	Shanaishwar Balasaheb Misal		P	P	P	P	A	P	P	P	P	P	P	P	A
LA33	Shubham Shashank Shingan		P	P	P	P	P	P	P	A	P	P	P	P	A
LA34	Rohit Balasaheb Jundale		P	A	A	P	A	P	P	P	P	P	P	P	P
LA35	Soham Ganesh Overikar		P	P	P	P	A	P	A	P	A	P	P	P	P
LA36	Kale Ruturaj Yuvraj		P	P	P	P	P	P	A	P	P	P	P	P	P
LA37	Gaurav Shivaji Ghaytidak		P	P	P	A	P	P	A	P	P	P	A	P	P
LA38	Moajjam Salim Mulani		P	P	P	P	P	P	P	A	P	P	P	P	P
LA39	Mane Sujit Sudhakar		P	P	A	P	P	P	P	A	P	P	P	P	P
LA40	Dnyaneshwar Bapu Thengal		P	P	P	P	P	P	P	P	P	P	P	P	P
LA41	Omkar Ashok Sarade		P	P	P	P	P	P	P	A	P	P	P	P	P
LA42	Rushikesh Wamanrao Deshmukh		A	P	P	P	A	P	P	P	P	P	P	P	P
LA43	Yadav Kedar Sanjay		P	P	P	A	A	P	P	P	P	P	P	P	P
LA44	Bapendrakumar Babasaheb Sontakke		P	P	P	P	P	P	A	P	A	P	P	P	P
LA45	Ajit Mallikarjun Nadvinangal		P	P	P	P	P	P	A	P	P	P	P	P	P
LA46	Saurabh Dattatraya Edake		P	P	A	P	P	P	P	P	P	P	P	P	P
LA47	Akshay Pravin Hetiya		P	P	P	P	P	P	P	P	A	P	P	P	P
LA48	Karansinh Balkrushna Deshmukh		P	P	P	P	A	P	P	A	P	P	P	P	P
LA49	Sadashiv Subhash Bandgar		P	A	P	P	P	P	P	A	P	P	P	P	P
LA50	Prathamesh Prashant Patil		P	P	P	P	P	P	P	P	A	P	P	P	A
LA51	Viraj Vikas Patil		P	P	A	P	P	P	P	P	P	P	P	P	P
LA52	Sandip Ramesh Ingale		P	P	P	P	P	A	P	P	P	P	P	P	P
LA53	Vijay Hanumant Surve		A	P	P	P	P	A	P	P	P	P	P	P	A
LA54	Rahul Bhagwansingh Chaudhari		P	P	P	P	P	P	P	P	A	P	P	P	A
LA55	Pramod Tanaji Awalekar		A	P	P	P	P	P	P	P	P	P	P	P	P
LA56	Balaji Rajendra Pise		P	P	P	P	P	P	P	P	P	P	P	P	A

HEAD
Dept. of Mechanical Engg
C.O.E. Pandharpur

Roll No	Name of Student	Date	17/08/2022	18/08/2022	19/08/2022	20/08/2022	22/08/2022	23/08/2022	24/08/2022	25/08/2022	26/08/2022	27/08/2022	29/08/2022	30/08/2022	31/08/2022
		M. No	1	2	3	4	5	6	7	8	9	10	11	12	13
LA58	Gaurav Vikas Karande		P	P	P	A	P	P	P	P	P	P	P	P	A
LA59	Sachin Shivaji Sutar		P	P	P	P	P	P	P	P	A	P	P	P	A
LA60	Kunal Balasaheb Shete		P	P	P	P	P	P	P	P	P	P	P	P	P
LA61	Sainath Navnath Kharade		A	P	P	P	P	P	P	P	P	P	P	P	P
LA62	Gorakhanath Appaso Kondubhairi		P	P	P	P	A	P	P	A	P	A	A	P	P
LA63	Prashant Siddheshwar Mali		P	P	P	P	A	P	P	P	P	P	P	P	P
LA64	Rohit Dattatraya Ghodake		P	P	A	P	P	P	A	P	P	P	P	A	P
LA65	Pratik Rajkumar Chandole		P	P	P	P	A	P	P	P	P	P	P	P	P
LA66	Rushikesh Sunil Wagh		P	P	P	P	A	P	P	P	P	P	P	P	P
LA67	Mahesh Macchindra Bandgar		P	A	P	P	A	P	P	P	A	P	P	P	P
LA68	Muntasim Riyaj Bhaijan		P	P	P	P	P	A	P	P	P	P	P	A	P
LA69	Rutvik Sunil Gore		P	P	A	P	P	A	P	P	P	P	P	P	P
LA70	Tirth Sudhakar Rathod		P	P	P	A	P	P	A	P	A	P	P	P	P
LB01	Birajdar Vaishnavi Rajendra		P	P	P	P	P	P	A	P	P	P	P	P	P
LB02	Supriya Mahadev Chougule		P	P	P	P	P	P	A	P	A	P	P	P	P
LB03	Tejashri Rajendra Dongare		P	P	P	P	P	P	P	P	P	P	P	P	P
LB04	Kadam Dipti Santosh		P	A	P	P	P	P	A	P	P	P	P	P	P
LB05	Swapnali Dnyaneshwar Kalubarme		P	P	P	P	P	P	P	P	P	P	P	P	P
LB06	Lawate Divya Nagesh		P	P	P	P	P	P	P	A	P	P	P	P	P
LB07	/Mamure Shraddha Chandrakanth		A	P	P	P	P	P	P	A	P	P	P	P	P
LB08	Naiknaware Madhuri Anil		P	P	P	P	P	P	P	P	P	P	P	A	P
LB09	Jyoti Mahesh Patil		P	P	P	A	P	P	P	P	P	P	A	P	P
LB10	Kranti Pradeep Suryvanshi		P	P	P	P	P	P	P	P	P	P	P	P	P
LB11	Pooja Baban Terave		P	P	P	A	P	P	A	P	P	P	A	P	P
LB12	Chaitanya Chandrakant Acharya		A	A	P	P	P	P	P	P	P	P	P	P	P
LB13	Vishwajeet Jyotirling Bachate		P	P	P	P	P	P	P	A	P	P	P	P	P
LB14	Venugopal Abhay Badave		P	P	P	P	P	P	P	P	P	P	P	P	P
LB15	Bagal Prajwal Satish		P	P	P	P	A	P	P	P	P	P	P	P	P
LB16	Shankar Balasaheb Bansode		P	P	A	P	P	P	P	A	P	P	P	P	P
LB17	Vaibhav Balasaheb Bhosale		P	P	P	A	P	P	P	P	P	P	P	P	P

HEAD,
Dept. of Mechanical Engg
C.O.E. Pandharpur

Roll No	Name of Student	Date	17/08/2022	18/08/2022	19/08/2022	20/08/2022	22/08/2022	23/08/2022	24/08/2022	25/08/2022	26/08/2022	27/08/2022	29/08/2022	30/08/2022	31/08/2022
		M. No	1	2	3	4	5	6	7	8	9	10	11	12	13
LB18	Bichitkar Rushikesh Arun		A	A	P	P	P	P	P	P	P	P	P	P	P
LB19	Bidri Basaveshwar Rajendra		P	P	P	P	P	P	P	P	P	P	P	P	P
LB20	Chavan Prem Govardhan		A	P	P	P	P	P	P	P	A	P	P	P	P
LB21	Dabade Suraj Kushaba		P	P	P	P	P	P	P	P	P	P	P	P	P
LB22	Deshmukh Sagar Somnath		P	P	P	A	P	P	P	A	P	A	P	P	P
LB23	Shubham Prakash Dhanawale .		P	P	P	P	P	P	A	P	P	A	P	P	P
LB24	Rohit Somnath Dhotre		P	P	P	P	P	P	P	P	P	P	A	P	P
LB25	Gavali Ajay Pandurang		P	P	P	P	P	A	A	P	P	P	P	P	A
LB26	Gawali Mhahmaji Maruti		P	A	P	P	P	A	P	P	A	P	P	P	A
LB27	Goli Shrikant Ganesh		P	A	P	P	P	P	P	P	P	P	A	P	P
LB28	Gour Revansiddha Shivachalappa		P	P	P	P	P	P	P	P	P	P	A	P	P
LB29	Arun Ambadas Gundeti		P	P	P	P	P	P	P	P	P	A	P	P	P
LB30	Shantanu Uday Jade		P	P	P	A	P	P	P	P	P	A	P	P	P
LB31	Karan Jadhav		P	P	P	P	P	P	P	P	P	P	A	P	P
LB32	Revannath Bramhnath Jadhav		A	P	P	P	P	P	A	P	P	P	P	P	A
LB33	Saurabh Santosh Kale		P	P	P	A	P	P	P	P	A	P	P	P	P
LB34	Swapnil Haridas Kale		P	P	P	P	P	P	P	P	P	P	P	P	P
LB35	Kasagavade Kiran Uttam		P	P	P	P	P	P	A	P	A	P	A	P	P
LB36	Shubham Shashikant Katkar		P	P	P	A	P	P	A	P	P	P	P	P	P
LB37	Prathamesh Mallikarjun Kotgond		P	P	P	P	P	P	P	P	P	P	P	P	A
LB38	Londhe Suyash Nathaji		P	P	P	A	P	P	P	P	P	P	A	P	P
LB39	Mali Krushna Sunil		P	P	P	P	P	P	A	P	A	P	P	P	P
LB40	Siddheshwar Krishna Mali		P	P	P	P	P	A	A	P	P	P	P	P	P
LB41	Mashalkar Swapnil Basavraj		P	P	P	P	A	P	P	P	P	P	P	P	P
LB42	More Samadhan Aappaso		P	P	P	P	P	P	P	P	P	P	P	P	P
LB43	Shoaib Adam Mulani		A	P	P	P	A	P	P	P	P	P	P	P	P
LB44	Nanaware Pratik Milind		P	P	P	P	A	P	P	P	P	P	P	P	P
LB45	Mukesh Laxman Natikar		P	P	P	P	A	P	P	P	P	P	P	P	P
LB46	Suryakant Bamaningappa Nilgar		P	A	P	P	P	P	P	P	P	P	P	P	P
LB47	Kalyan Rameshwar Paul		P	P	P	P	P	P	A	P	P	P	P	P	P
LB48	Nikhil Rajkumar Pawar		P	P	P	A	P	P	P	P	P	P	P	P	P

HEAD,
Dept. of Mechanical Engg
C.O.E. Pandharpur

Roll No	Name of Student	Date	17/08/2022	18/08/2022	19/08/2022	20/08/2022	22/08/2022	23/08/2022	24/08/2022	25/08/2022	26/08/2022	27/08/2022	29/08/2022	30/08/2022	31/08/2022
		M. No	1	2	3	4	5	6	7	8	9	10	11	12	13
LB49	Ajinkya Radhesham Phatke		P	P	P	P	P	P	A	P	P	P	P	P	P
LB50	Vikram Vilas Ronge		P	A	P	P	P	P	P	P	P	P	P	A	P
LB51	Dharmendra Rajendra Sartape		P	P	P	P	P	A	P	A	P	P	P	P	P
LB52	Sathe Ashitosh Rajendra		P	P	P	A	P	P	P	P	P	P	P	P	P
LB53	Shaikh Shakil Salim		P	P	P	P	P	A	P	A	A	P	P	P	P
LB54	Anand Tatyaba Shelake		P	P	P	P	P	P	A	P	P	P	P	P	P
LB55	Shinde Gorakh Uttareshwar		A	P	P	P	P	P	A	P	P	P	P	P	P
LB56	Shingate Dadasaheb Aba		P	P	P	P	P	A	A	P	P	P	P	A	P
LB57	Tanagavade Rohit Tanaji		P	P	P	P	A	P	A	A	P	A	P	P	P
LB58	Thakar Onkar Sham		P	P	P	P	P	P	A	P	P	P	P	A	P
LB59	Aditya Jeevan Thite		P	P	A	P	P	P	A	P	P	P	P	P	P
LB60	Ranjit Sunil Waghmode		P	P	P	P	P	P	A	P	P	P	P	P	P
LB61	Prathmesh Dipak Yadav		P	P	P	A	P	P	P	P	P	P	P	P	P
LB62	Sushil Dhananjay Deshmukh		A	A	P	P	P	P	P	P	P	P	P	P	P
LB63	Shinde Nikhil Babasaheb		P	P	P	P	P	P	P	P	P	P	P	P	P

(Prof. K. S. Pukale)
Course Coordinator

(Dr. S. S. Wangikar)
HOD, Mech. Engg. Dept.

HEAD,
Dept. of Mechanical Engg
C.O.E. Pandharpur

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
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(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , **NAAC**, Accredited Institute,
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

DEPARTMENT OF MECHANICAL ENGINEERING

Online Certificate Course on

Advanced Concepts in Manufacturing

A.Y. 2022-23 SEM: I

CLASS: L. Y. (MECH) DIV: A & B

Course Duration: - 17/08/2022 to 31/08/2022

Assessment Procedure:

- **Eligibility Criterion:** A participant who will attend 75 % sessions will be eligible for Final Test.
- **Final Test:** Performance of participant will be assessed on the basis of passing in the Final Test with at least 50% marks.
- Only those participants who meet the passing standard for the assessment will be awarded the certificate.

(Prof. K. S. Pukale)
Course Coordinator

(Dr. S. S. Wangikar)
Head, Mech. Engg. Dept

HEAD,
Dept. of Mechanical Engg
C.O.E. Pandharpur

Shri Vithal Education & Research Institute's

College of Engineering, Pandharpur

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SVERI
Engineering for Excellence

Department of Mechanical Engineering

Certificate of Participation

This is to certify that

Mr. Soham Ganesh Overikar *of* SVERI's College of Engineering, Pandharpur has participated and successfully completed Eight Days Online Certificate Course on "Advanced Concepts in Manufacturing" from 17/08/2022 to 31/08/2022 Organized by Department of Mechanical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.

Prof. K.S. Pukale	**Dr. S. S. Wangikar**	**Prof. Dr. B. P. Ronge**
Co-ordinator	Head, Mech. Engg. Dept.	Principal

Shri Vithal Education & Research Institute's

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SVERI
Engineering for Excellence

Department of Mechanical Engineering

Certificate of Participation

This is to certify that

Mr. Arun Ambadas Gundeti *of* SVERI's College of Engineering, Pandharpur has participated and successfully completed Eight Days Online Certificate Course on "Advanced Concepts in Manufacturing" from 17/08/2022 to 31/08/2022 Organized by Department of Mechanical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.

Prof. K.S. Pukale	**Dr. S. S. Wangikar**	**Prof. Dr. B. P. Ronge**
Co-ordinator	Head, Mech. Engg. Dept.	Principal

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SVERI
Engineering for Excellence

Department of Mechanical Engineering

Certificate of Participation

This is to certify that

Ms. Birajdar Vaishnavi Rajendra ***of*** **SVERI's College of Engineering, Pandharpur has participated and successfully completed Eight Days Online Certificate Course on "Advanced Concepts in Manufacturing" from 17/08/2022 to 31/08/2022 Organized by Department of Mechanical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.**

Prof. K.S. Pukale	**Dr. S. S. Wangikar**	**Prof. Dr. B. P. Ronge**
Co-ordinator	Head, Mech. Engg. Dept.	Principal

Shri Vithal Education & Research Institute's

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SVERI
Engineering for Excellence

Department of Mechanical Engineering

Certificate of Participation

This is to certify that

Mr. Gavali Ajay Pandurang *of* SVERI's College of Engineering, Pandharpur has participated and successfully completed Eight Days Online Certificate Course on "Advanced Concepts in Manufacturing" from 17/08/2022 to 31/08/2022 Organized by Department of Mechanical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.

Prof. K.S. Pukale	**Dr. S. S. Wangikar**	**Prof. Dr. B. P. Ronge**
Co-ordinator	Head, Mech. Engg. Dept.	Principal

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SVERI
Engineering for Excellence

Department of Mechanical Engineering

Certificate of Participation

This is to certify that

Mr. Saurav Subhash Pawar *of* SVERI's College of Engineering, Pandharpur has participated and successfully completed Eight Days Online Certificate Course on "Advanced Concepts in Manufacturing" from 17/08/2022 to 31/08/2022 Organized by Department of Mechanical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.

Prof. K.S. Pukale	**Dr. S. S. Wangikar**	**Prof. Dr. B. P. Ronge**
Co-ordinator	Head, Mech. Engg. Dept.	Principal

SVERI's

College of Engineering, Pandharpur

Mechanical Engineering Department

Certificate Course

on

Fundamentals of Automobile Design under TATA Ready Engineer Program

Duration-15 Sep. 2022 to 31 Dec. 2022

Class: T.Y. **Div:-A & B**

Sem-I

A.Y.: 2022-23

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
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REPORT

The Department of Mechanical Engineering conducted a **Certificate course on *Fundamentals of Automobile Design under TATA Ready Engineer Program from* 15 Sep. 2022 to 31 Dec. 2022**. The resource person for this certificate course was Mr. C. C. Jadhav from SVERI's COE, Pandharpur. In this certificate course the student got the detail knowledge about new trends and techniques in *Mechanical Engineering CATIA V5 R18 with* hands on practical and which are the new tools plans available in upcoming days for the Mechanical Engineer in the field of Mechanical Design and Modeling. Domestic and industrial applications of *CATIA V5 R18 with* practical on Mechanical Automotive parts have been covered in this certificate course. **Total 74 students of T. Y. B. TECH. Mechanical participated in this certificate course.** All the faculty members from Mechanical department worked actively for the successful completion of certificate course.

The Course outcomes for this course are:

1) **Student got the knowledge about which are the new opportunity available for job in Mechanical Engg. Sector.**
2) **Student understood the application of *TATA Ready Engineer (RE)*.**

Mr. C. C. Jadhav
Coordinator

Dr. S. S. Wangikar
Head, Mech. Engg. Dept.

HEAD,
Dept. of Mechanical Engg
C.O.E. Pandharpur

RESOURCE PERSONS

The resource persons include industry experts from TATA Technologies Ltd. Pune and SVERI's COE Pandharpur.

1. Mr. Siddharth Yawalkar (Program Lead-Ready Engineer)
2. Mr. C. C. Jadhav (RE coordinator)

MAJOR TOPICS

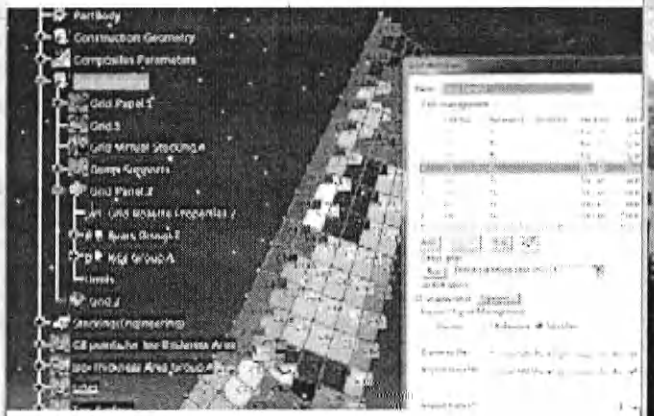
- Basics Introduction of CATIA V5 R18 and its Interfaces, Part Design, Assembly, Drafting, Sketcher. Sheet metal part, manufacturing.
- Importance of Fundamentals of Automobile Design.
- TATA RE - Usage in Academics and Industries.
- Formulation of undergraduate/ post graduate and consultancy projects using the software.

ABOUT THE PROGRAM

This training programme on "Ready Engineer Program" is being organized by SVERI's College of Engineering, Pandharpur & TATA Technologies Ltd. Pune with an objective to provide a golden opportunity to students to learn about RE Programme and its various application in the field of academics, research & industry.

TATA

TATA TECHNOLOGIES



SVERI's
College of Engineering, Pandharpur

Organizes Department of Mechanical Engineering
&
TATA Technologies Ltd. Pune.
Organizes
Certificate Course on
"Fundamentals of Automobile Design under TATA Ready Engineer Program"

Date: 15 Sept. – 31 Dec. 2022

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
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Date: 08/09/2022

Department of Mechanical Engineering

NOTICE

All the students of T.Y. B. Tech. (Mechanical Engineering) are informed to note that, Department of Mechanical Engineering and TATA Technologies have organized '**Certificate course on *Fundamentals of Automobile Design under TATA Ready Engineer Program***' from **15 Sep. 2022 to 31 Dec. 2022**. Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination.

All the concerned should take note and act accordingly.

(Prof. C. C. Jadhav)
Course Coordinator

(Dr. S. S. Wangikar)
Head, Mech. Engg. Dept.

HEAD,
Dept. of Mechanical Engg.
C.O.E. Pandharpur

Syllabus

PART 1: Fundamentals of Automobile Design

Session No.	Name of the Topic	Sub-Topics
I	Introduction to CATIA V5, iGET IT & Sketcher	1. Sketcher Overview, Toolbars 2. Sketch Creation 3. Sketch Constraining 4. Sketch Analysis 5. Basic Catia Overview(Software)
II	Part Design 1 (CATIA)	1. Sketch Based Features, Dress Up Features 2. Hole and Thread Creation, Pattern 3. Basic Reference - Plane Point, Line Creation 4. Apply material, Measure Tool 5. Practice Example
III	Part Design 2 and GSD 1 (CATIA)	1. Editing Features 2. Parametric Modelling 3. Transformation Features 5. Practice Example 4. Basic Overview of Surfacing Workbench
IV	GSD 2 (CATIA)	1. Revolved Surfaces, Offset Surfaces 2. Swept Surfaces 3. Fill Surface, Multi-section Surfaces 4. Split, Trim and Join 5. Practice Example

PART 1: Fundamentals of Automobile Design

Session No.	Name of the Topic	Sub-Topics
V	Assembly and Drafting (CATIA)	1. Assembly Overview 2. Top Down Approach 3. Bottom Up Approach 4. Editing Assembly
VI	Drafting (CATIA)	1. Drawing Overview 2. Generating Drawing Views 3. Part Level Drawing 4. Assembly Level Drawing 5. Annotations and Measurement
VII	Basics of Product Design and Styling	1. Introduction to Design 2. Typical Product LifeCycle 3. Automotive Design Process for Production Release 4. CAS Surfaces from Digital Clay Models
VIII	CAE Considerations	1. What is Computer Aided Engineering (CAE) 2. Finite Element Analysis(FEA) 3. NVH, Dura, Crash, Occupant Safety, CFD 4. Difference between implicit and explicit solvers 5. Pre-post and Solvers and types of solvers

Syllabus

PART 1: Fundamentals of Automobile Design

Session No.	Name of the Topic	Sub-Topics
IX	Formability	1. Simultaneous Engg. feasibility study 2. Sheet metal processes 3. Types of drawdies 4. Forming simulations 5. Various Material properties 6. Forming Limit Curve(FLD)
X	Die Design	1. Sheet Metal parts and their operation 2. Presses 3. Various elements used in die design 4. Process of diedesign 5. Functions of the elements required for each die
XI	Fixture Design	1. Correlation of types of joints for Fixture Design 2. Joining processes and their Applications Overview 3. Need Of Fixtures & Type Of Fixtures 4. Use of product GD&T in the Fixture design

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Ref. No.: COEPR/MECH/2022-2023 Date:-11/09/2022

OFFICE ORDER

Following committee has been constituted for Design and Development of Curriculum for **Certificate Course on Course 'Fundamentals of Automobile Design under TATA Ready Engineer Program'** for T.Y. B. Tech. (Mechanical Engineering) Semester-I of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Prof. C. C. Jadhav	Chairman
2.	Prof. K. S. Pukale	Member
3.	Prof. D. T. Kashid	Member

The above members are requested to design the curriculum for the said Add on Course and submit final copy of the curriculum to the undersigned on or before 13/09/2022.

Please take a note of the same and act accordingly.

(Dr. S. S. Wangikar)
Head, Mech. Engg. Dept.

HEAD,
Dept. of Mechanical Engg
C.O.E. Pandharpur

Copy to:
1. Prof. C. C. Jadhav
2. Prof. K. S. Pukale
3. Prof. D. T. Kashid
4. Principal
5. Dean Academics
6. Registrar
7. Office copy

SVERI's COLLEGE OF ENGINEERING PANDHARPUR
DEPARTMENT OF MECHANICAL ENGINEERING
A.Y. 2022-23 SEM:I
Online Certificate Course on
"Fundamentals of Automobile Design under TATA Ready Engineer Program"
CLASS: T. Y. (MECH) DIV: A & B
Student List

Sr. No.	Name of Student	Sr. No.	Name of Student
1	Sudhir Raut	38	Asavari Jadhav
2	Vaibhav Tolanure	39	Dipali Gore
3	Abhijeet Babar	40	Prasad Shelake
4	Avinash Lavate	41	Abhay Ronge
5	Rutuja Kalel	42	Dattatray Pangale
6	Akanksha Shelke	43	Tukaram Ambad
7	Pratik Atkale	44	Preetam Bugade
8	Abhishek Kamble	45	Shivprasad Karande
9	Swapnil Lamkane	46	Sangram Bhosale
10	Prerna Wankhede	47	Ajay Kore
11	Rahul Salagare	48	Ronak Varma
12	Shadab Jahagirdar	49	Shubham Yamgar
13	Diptesh Relekar	50	Dhanaji Ranagat
14	Suraj Gaikwad	51	Ranagat Dhanaji
15	Vedant Jadhav	52	Prathamesh Salunkhe
16	Shubham Gavali	53	Pavan Shinde
17	Priyanka Jankar	54	Ashwini Bodakhe
18	Shreehari Chavan	55	Komal Khilare
19	Akshay Pawar	56	Asawari Chavan
20	Aniket Dubal	57	Nagesh Gajare
21	Aakanksha Jagtap	58	Aditi Kadam
22	Mayuri Abhangrao	59	Kedar Abhyankar
23	Megha Burungale	60	Aditya Nakate
24	Kalyani Bhosale	61	Abhishek Jadhav
25	Siyash Tiwari	62	Adarsh Narayankar
26	Shreyash Kadam	63	Shital Dharmadikari
27	Chetan Tamtam	64	Yash Dange
28	Asavari Bhosale	65	Aryash Jadhav
29	Shivraj Patekar	66	Yash Thigale
30	Asmita Saravade	67	Pranali Gaikwad
31	Vinayak Gunje	68	Raviraj Ronge
32	Dakshata Khare	69	Vishal Metkari
33	Parth Bhumkar	70	Tushar Metkari
34	Yashraj Jadhav	71	Ganesh Gavali
35	Bhushan Kumbhar	72	Pragati Salunkhe
36	Raj Mohite	73	Ayush Wale
37	Ruthwick Patil	74	Yogesh Kole

(Prof. C. C. Jadhav)
Course Co-ordinator

(Dr. S. S. Wangikar)
H.O.D., Mech. Engg. Dept.

HEAD,
Dept. of Mechanical Engg
C.O.E. Pandharpur

TATA TECHNOLOGIES

TATA

READY Engineer

Best AWARD

CERTIFICATE

This is to certify that

Preetam Bugade

from
has undergone the **Ready Engineer** Program of Tata Technologies in the year 2022-23 on Fundamentals of Automobile Design, covering design of Analysis & Manufacturing with hands-on training on CATIA and is awarded

as a Certified Ready Engineer

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

TTL/RE/2022-23/11/6271

Mr. Vikrant Gandhe
Head – Corporate Sustainability & Company Secretary
Tata Technologies Limited

Engineering a *better world.*

TATA TECHNOLOGIES

TATA

READY Engineer

Best AWARD

CERTIFICATE

This is to certify that

Shivprasad Karande

from
has undergone the **Ready Engineer** Program of Tata Technologies in the year 2022-23 on Fundamentals of Automobile Design, covering design of Analysis & Manufacturing with hands-on training on CATIA and is awarded

as a Certified Ready Engineer

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

TTL/RE/2022-23/11/6287

Mr. Vikrant Gandhe
Head – Corporate Sustainability & Company Secretary
Tata Technologies Limited

Engineering a *better world.*

TATA TECHNOLOGIES

TATA

READY Engineer

Best AWARD

CERTIFICATE

This is to certify that

Ajay Kore

from
has undergone the **Ready Engineer** Program of Tata Technologies in the year 2022-23 on Fundamentals of Automobile Design, covering design of Analysis & Manufacturing with hands-on training on CATIA and is awarded

as a Certified Ready Engineer

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

TTL/RE/2022-23/11/6409

Mr. Vikrant Gandhe
Head – Corporate Sustainability & Company Secretary
Tata Technologies Limited

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TATA TECHNOLOGIES

TATA

READY Engineer

Best AWARD

CERTIFICATE

This is to certify that

Ronak Varma

from
has undergone the **Ready Engineer** Program of Tata Technologies in the year 2022-23 on Fundamentals of Automobile Design, covering design of Analysis & Manufacturing with hands-on training on CATIA and is awarded

as a Certificate of Participation

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

TTL/RE/2022-23/11/6410

Mr. Vikrant Gandhe
Head – Corporate Sustainability & Company Secretary
Tata Technologies Limited

Engineering a *better world.*

TATA TECHNOLOGIES

TATA

READY Engineer

Best AWARD

CERTIFICATE

This is to certify that

Shubham Yamgar

from
has undergone the **Ready Engineer** Program of Tata Technologies in the year 2022-23 on Fundamentals of Automobile Design, covering design of Analysis & Manufacturing with hands-on training on CATIA and is awarded

as a Certified Ready Engineer

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

TATA TECHNOLOGIES CORPORATE SUSTAINABILITY INITIATIVES

TTL/RE/2022-23/11/6411

Mr. Vikrant Gandhe
Head – Corporate Sustainability & Company Secretary
Tata Technologies Limited

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TATA TECHNOLOGIES

TATA

READY Engineer

Best AWARD

CERTIFICATE

This is to certify that

Pavan Shinde

from Shri Vithal Education & Research Institute, Pandharpur
has undergone the **Ready Engineer** Program of Tata Technologies in
the year 2022-23 on Fundamentals of Automobile Design, covering design
of Analysis & Manufacturing with hands-on training on CATIA and is awarded

as a Certified Ready Engineer

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

TTL/RE/2022-23/11/6438

Mr. Vikrant Gandhe
Head – Corporate Sustainability & Company Secretary
Tata Technologies Limited

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TATA TECHNOLOGIES

TATA

READY Engineer

Best AWARD

CERTIFICATE

This is to certify that

Ashwini Bodakhe

from
has undergone the **Ready Engineer** Program of Tata Technologies in the year 2022-23 on Fundamentals of Automobile Design, covering design of Analysis & Manufacturing with hands-on training on CATIA and is awarded

as a Certificate of Participation

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

TTL/RE/2022-23/11/6444

Mr. Vikrant Gandhe
Head – Corporate Sustainability & Company Secretary
Tata Technologies Limited

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TATA TECHNOLOGIES

TATA

READY Engineer

Best AWARD

CERTIFICATE

This is to certify that

Asawari Chavan

from
has undergone the **Ready Engineer** Program of Tata Technologies in the year 2022-23 on Fundamentals of Automobile Design, covering design of Analysis & Manufacturing with hands-on training on CATIA and is awarded

as a Certificate of Participation

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

TTL/RE/2022-23/11/6450

Mr. Vikrant Gandhe
Head – Corporate Sustainability & Company Secretary
Tata Technologies Limited

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TATA TECHNOLOGIES

TATA

READY Engineer

Best AWARD

CERTIFICATE

This is to certify that

Asawari Chavan

from
has undergone the **Ready Engineer** Program of Tata Technologies in the year 2022-23 on Fundamentals of Automobile Design, covering design of Analysis & Manufacturing with hands-on training on CATIA and is awarded

as a Certificate of Participation

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

TATA TECHNOLOGIES CORPORATE SUSTAINABILITY AWARDS

TTL/RE/2022-23/11/6450

Mr. Vikrant Gandhe
Head – Corporate Sustainability & Company Secretary
Tata Technologies Limited

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TATA TECHNOLOGIES

TATA

READY Engineer

Best AWARD

CERTIFICATE

This is to certify that

Nagesh Gajare

from
has undergone the **Ready Engineer** Program of Tata Technologies in the year 2022-23 on Fundamentals of Automobile Design, covering design of Analysis & Manufacturing with hands-on training on CATIA and is awarded

as a Certified Ready Engineer

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

TTL/RE/2022-23/11/6452

Mr. Vikrant Gandhe
Head – Corporate Sustainability & Company Secretary
Tata Technologies Limited

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TATA TECHNOLOGIES

TATA

READY Engineer

Best AWARD

CERTIFICATE

This is to certify that

Aditya Nakate

from Shri Vithal Education & Research Institute, Pandharpur
has undergone the **Ready Engineer** Program of Tata Technologies in
the year 2022-23 on Fundamentals of Automobile Design, covering design
of Analysis & Manufacturing with hands-on training on CATIA and is awarded

as a Certified Ready Engineer

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

TATA TECHNOLOGIES

TTL/RE/2022-23/11/6592

Mr. Vikrant Gandhe
Head – Corporate Sustainability & Company Secretary
Tata Technologies Limited

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TATA TECHNOLOGIES

TATA

READY Engineer

Best AWARD

CERTIFICATE

This is to certify that

Abhishek Jadhav

from
has undergone the **Ready Engineer** Program of Tata Technologies in the year 2022-23 on Fundamentals of Automobile Design, covering design of Analysis & Manufacturing with hands-on training on CATIA and is awarded

as a Certified Ready Engineer

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

TTL/RE/2022-23/11/6620

Mr. Vikrant Gandhe
Head – Corporate Sustainability & Company Secretary
Tata Technologies Limited

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TATA TECHNOLOGIES

TATA

READY Engineer

Best AWARD

CERTIFICATE

This is to certify that

Adarsh Narayankar

from
has undergone the **Ready Engineer** Program of Tata Technologies in the year 2022-23 on Fundamentals of Automobile Design, covering design of Analysis & Manufacturing with hands-on training on CATIA and is awarded

as a Certified Ready Engineer

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

TTL/RE/2022-23/11/6621

Mr. Vikrant Gandhe
Head – Corporate Sustainability & Company Secretary
Tata Technologies Limited

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TATA TECHNOLOGIES

TATA

Best AWARD

READY Engineer

CERTIFICATE

This is to certify that

Yash Dange

from
has undergone the **Ready Engineer** Program of Tata Technologies in the year 2022-23 on Fundamentals of Automobile Design, covering design of Analysis & Manufacturing with hands-on training on CATIA and is awarded

as a Certificate of Participation

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

TTL/RE/2022-23/11/6673

Mr. Vikrant Gandhe
Head – Corporate Sustainability & Company Secretary
Tata Technologies Limited

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TATA TECHNOLOGIES

TATA

READY Engineer

Best AWARD

CERTIFICATE

This is to certify that

Pranali Gaikwad

from
has undergone the **Ready Engineer** Program of Tata Technologies in the year 2022-23 on Fundamentals of Automobile Design, covering design of Analysis & Manufacturing with hands-on training on CATIA and is awarded

as a Certificate of Participation

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

TTL/RE/2022-23/11/6740

Mr. Vikrant Gandhe
Head – Corporate Sustainability & Company Secretary
Tata Technologies Limited

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TATA TECHNOLOGIES

TATA

READY Engineer

Best AWARD

CERTIFICATE

This is to certify that

Raviraj Ronge

from
has undergone the **Ready Engineer** Program of Tata Technologies in the year 2022-23 on Fundamentals of Automobile Design, covering design of Analysis & Manufacturing with hands-on training on CATIA and is awarded

as a Certified Ready Engineer

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

TTL/RE/2022-23/11/6852

Mr. Vikrant Gandhe
Head – Corporate Sustainability & Company Secretary
Tata Technologies Limited

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TATA TECHNOLOGIES

TATA

READY Engineer

Best AWARD

CERTIFICATE

This is to certify that

Pragati Salunkhe

from
has undergone the **Ready Engineer** Program of Tata Technologies in the year 2022-23 on Fundamentals of Automobile Design, covering design of Analysis & Manufacturing with hands-on training on CATIA and is awarded

as a Certified Ready Engineer

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

Mr. Vikrant Gandhe
Head – Corporate Sustainability & Company Secretary
Tata Technologies Limited

TTL/RE/2022-23/M/7699

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TATA TECHNOLOGIES

TATA

READY Engineer

Best AWARD

CERTIFICATE

This is to certify that

Priyanka Jankar

from
has undergone the **Ready Engineer** Program of Tata Technologies in the year 2022-23 on Fundamentals of Automobile Design, covering design of Analysis & Manufacturing with hands-on training on CATIA and is awarded

as a Certificate of Participation

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

TTL/RE/2022-23/11/6115

Mr. Vikrant Gandhe
Head – Corporate Sustainability & Company Secretary
Tata Technologies Limited

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TATA TECHNOLOGIES

TATA

READY Engineer

Best AWARD

CERTIFICATE

This is to certify that

Vinayak Gunje

from Shri Vithai Education & Research Institute, Pandharpur
has undergone the **Ready Engineer** Program of Tata Technologies in
the year 2022-23 on Fundamentals of Automobile Design, covering design
of Analysis & Manufacturing with hands-on training on CATIA and is awarded

as a Certified Ready Engineer

(Note: Certified Ready Engineer ≥ 60% score; Certificate of Participation 40-59% score)

TTL/RE/2022-23/11/6171

Mr. Vikrant Gandhe
Head – Corporate Sustainability & Company Secretary
Tata Technologies Limited

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TATA TECHNOLOGIES

TATA

Best AWARD

READY Engineer

CERTIFICATE

This is to certify that

Ruthwick Patil

from Shri Vithal Education & Research Institute, Pandharpur
has undergone the **Ready Engineer** Program of Tata Technologies in
the year 2022-23 on Fundamentals of Automobile Design, covering design
of Analysis & Manufacturing with hands-on training on CATIA and is awarded

as a Certificate of Participation

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

TTL/RE/2022-23/11/6209

Mr. Vikrant Gandhe
Head – Corporate Sustainability & Company Secretary
Tata Technologies Limited

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TATA TECHNOLOGIES

TATA

READY Engineer

Best AWARD

CERTIFICATE

This is to certify that

Asmita Saravade

from
has undergone the **Ready Engineer** Program of Tata Technologies in the year 2022-23 on Fundamentals of Automobile Design, covering design of Analysis & Manufacturing with hands-on training on CATIA and is awarded

as a Certified Ready Engineer

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

Mr. Vikrant Gandhe
Head – Corporate Sustainability & Company Secretary
Tata Technologies Limited

TTL/RE/2022-23/11/6149

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TATA TECHNOLOGIES

TATA

READY Engineer

Best AWARD

CERTIFICATE

This is to certify that

Akanksha Shelke

from
has undergone the **Ready Engineer** Program of Tata Technologies in the year 2022-23 on Fundamentals of Automobile Design, covering design of Analysis & Manufacturing with hands-on training on CATIA and is awarded

as a Certified Ready Engineer

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

TATA TECHNOLOGIES CORPORATE SUSTAINABILITY INITIATIVES

TTL/RE/2022-23/11/6093

Mr. Vikrant Gandhe
Head – Corporate Sustainability & Company Secretary
Tata Technologies Limited

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SVERI's
College of Engineering, Pandharpur

Mechanical Engineering Department

Hands-on Training

on

2D Drafting

Duration- 01/10/2022 to 15/12/2022 (40 Hrs)

Class: S. Y. Div:-A
A.Y.: 2022-23

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , **NAAC**, Accredited Institute,
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

REPORT

The Department of Mechanical Engineering conducted **Hands-on Training on *2D Drafting* from 01/10/2022 to 15/12/2022 (40 Hrs)**. The resource person for this training course was Mr. P.B. Aasbe. In this course the student got the detail knowledge about 2D Drafting and its various applications in the field of academics, research & industry. 2D Drafting with practical on Mechanical application have been covered in this certificate course. **Total 70 students of S. Y. Mechanical participated in this Training**. All the faculty members from Mechanical department worked actively for the successful completion of certificate course. **The Course outcomes for this course are:**

1) **Student got the knowledge about which are the new opportunity available for business drafting.**
2) **Student understood the application of drafting.**

Mr. S. N. More
Course Coordinator

Dr. S. S. Wangikar
Head, Mech. Engg. Dept.

HEAD,
Dept. of Mechanical Engg.
C.O.E. Pandharpur

RESOURCE PERSONS

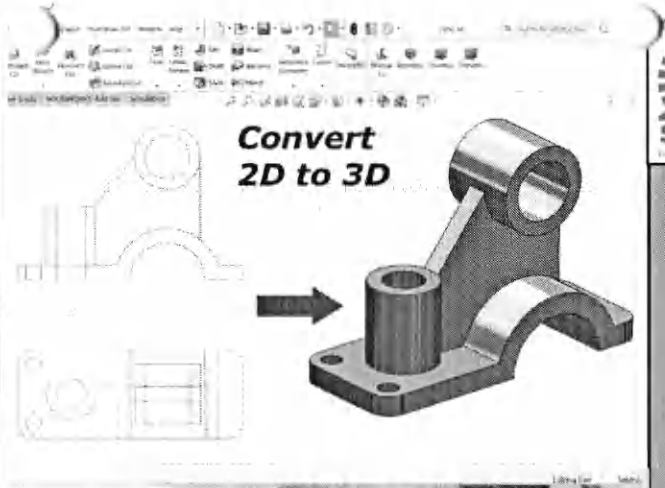
The resource persons Mr. P. B. Asbe ,Assistant Professor from SVERI's College of Engineering, Pandharpur.

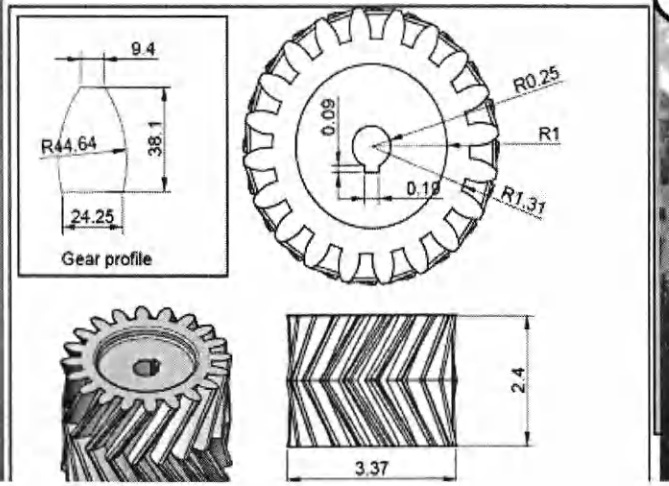
MAJOR TOPICS

- Basics Introduction of AutoCAD and its Interfaces, Part Design, Assembly, Drafting, Sketcher, 2D & 3D Drawings tools.
- AutoCAD - Usage in Academics and Industries.
- Formulation of undergraduate/ post graduate and consultancy projects using the software.

ABOUT THE PROGRAM

This Hands on training prog on "2D Drafting" is being organized by SVERI's College of Engineering, Pandharpur. with an objective to provide a golden opportunity to students to learn about AutoCAD software and its various application in the field of academics, research & industry.





SVERI

SVERI's College of Engineering, Pandharpur

Department of Mechanical Engineering

Organizes on

"HANDS-ON TRAINING ON 2D DRAFTING"

Date: 01 Octomber 2022 to 15 December 2022

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , **NAAC**, Accredited Institute,
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

Date: 25/09/2022

Department of Mechanical Engineering

NOTICE

All the students of S.Y. B. Tech. (Mechanical Engineering) are informed to note that, it is compulsory for students of S.Y. B. Tech. to complete Hands on training from A.Y.2022-2023. Accordingly, Department of Mechanical Engineering has organized **'Hands-on Training on *2D Drafting* from 01/10/2022 to 15/12/2022 (40 Hrs)**. Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination.

All the concerned should take note and act accordingly.

(Mr. S. N. More)
Training Coordinator

(Dr. S. S. Wangikar)
Head, Mech. Engg. Dept.

HEAD,
Dept. of Mechanical Engg.
C.O.E. Pandharpur

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , **NAAC+**, Accredited Institute,
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

Ref. No.: COEPR/MECH/2022-2023 Date:-28/09/2022

OFFICE ORDER

Following committee has been constituted for Design and Development of Curriculum for **Hands on Training '2D Drafting'** for S.Y. B.Tech. (Mechanical Engineering) Semester-I of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Prof. P. B. Asbe	Chairman
2.	Prof. S. M. Khomane	Member

The above members are requested to design the curriculum for the said Add on Course and submit final copy of the curriculum to the undersigned on or before 30/09/2022.

Please take a note of the same and act accordingly.

(Dr. S. S. Wangikar)
Head, Mech. Engg. Dept.

HEAD,
Dept. of Mechanical Engg.
C.O.E. Pandharpur

Copy to:
1. Prof. P. B. Asbe
2. Prof. S. M. Khomane
3. Principal
4. Dean Academics
5. Registrar
6. Office copy

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal - Pandharpur- 413 304,
Dist. Solapur (Maharashtra) Ph.(02186)- 282223, 9503103892
(Approved by A.I.C.T.E., New Delhi and affiliated to Solapur University, Solapur)
ISO 9001-2008 Certified Institute, Accredited by TCS, Pune & The Institution of Engineers (India), Kolkata E-mail : coe@sveri.ac.in Website: www.sveri.ac.in

Department of Mechanical Engineering

Syllabus for Hands-on Training on 2D Drafting

- Basics in Sketch entities & sketch tools
- Fundamentals in drafting
- Mechanical diagrams
- Dimensions & Dimensions Styles
- Equations, Design Table, & Configurations
- Mechanical diagrams
- Dimensions & Dimensions Styles
- Equations, Design Table, & Configurations
- Importance of drafting in industry
- 2D drafting Usage in Academics and Industries

(Mr. S. N. More)
Training Coordinator

(Dr. S. S. Wangikar)
Head, Mech. Engg. Dept

HEAD,
Dept. of Mechanical Engg.
C.O.E. Pandharpur

SVERI's COLLEGE OF ENGINEERING PANDHARPUR
DEPARTMENT OF MECHANICAL ENGINEERING
A.Y. 2022-23 SEM:I
Hands on Training on "2 D Drafting"
CLASS: S. Y. (MECH) DIV: A
Student List

Roll No.	Name of Student	Roll No.	Name of Student
SA01	/Bahirgonde Supriya Yogiraj	SA37	Shinde Avishkar Raghu
SA02	/Bhagare Aishwarya Shivaji	SA38	Vyavahare Prathmesh Laxman
SA03	/Chaugule Arti Ramchandra	SA39	Bhosale Vikas Nand Kumar
SA04	/Devkar Radhika Mahadev	SA40	Gaikwad Prasad Kisan
SA05	/Dukale Dipali Pandit	SA41	Gire Abhijit Prakash
SA06	/Ghadage Shruti Ramdas	SA42	Pathan Abutalha Sajjankhan
SA07	/Gurav Aishwarya Sambhaji	SA43	Godse Samadhan Balasaheb
SA08	/Hingmire Ankita Anil	SA44	Kanhere Pruthviraj Satish
SA09	/Kale Sakshi Sanjay	SA45	Shinde Suraj Tatyaram
SA10	/Kale Trupti Kantilal	SA46	Gavade Ashish Ravindra
SA11	/Khune Vaishnavi Satish	SA47	Jadhav Vinayak Shankar
SA12	/Parade Pranali Hanumant	SA48	Kamble Pravin Dnyaneshwar
SA13	/Pardeshi Sandhya Dnyaneshwar	SA49	Kulkarni Mandar Manoj
SA14	/Patil Aishwarya Vilas	SA50	Kumbhar Shubham Audumbar
SA15	/Patil Mrunal Mahadev	SA51	Lokare Amit Dipak
SA16	/Pawar Nutan Madhukar	SA52	More Rohit Hanumant
SA17	/Shelar Supriya Dada	SA53	Pise Anil Subhash
SA18	/Shingare Mansi Rajkumar	SA54	Shinde Sujit Manohar
SA19	/Sonwane Akshata Pramod	SA55	Atkale Rakesh Rajendra
SA20	/Waghmare Ashwini Balu	SA56	Yadav Kunal Vishwas
SA21	/Shruti Mahadev Ingale	SA57	Survase Suyash Sanjay
SA22	Ankushrao Onkar Navnath	SA58	Tikate Prakash Vijay
SA23	Bagal Ganesh Samadhan	SA59	Waydande Adesh Bharat
SA24	Bute Shreyas Santosh	SA60	Kshirsagar Rohan Shamrao
SA25	Ingale Jivaraj Janardhan	SA61	Nanaware Avinash Bhimaro
SA26	Jadhav Sushant Dharmraj	SA62	Patil Sandip Kisan
SA27	Kadam Prathmesh Santosh	SA63	Zalate Akash Chandrakant
SA28	Kodag Pruthviraj Krushanadev	SA64	Shelake Kisan Dagadu
SA29	Nagane Vaibhav Popat	SA65	Bhusanar Aditya Ankush
SA30	Shembade Balaji Damodar	SA66	Khapale Mangesh Ganpat
SA31	Burange Suyash Shrimant	SA67	Ritond Suraj Tukaram
SA32	Ingale Om Ravikiran	SA68	Surve Vikram Rajendra
SA33	Jadhav Shriram Arun	SA69	Kumbhar Dnyaneshwar Ganpat
SA34	Mane Deshmukh Ranveer Dhaiyarshil	SA70	Khedekar Rushikesh Ramchandra
SA35	Panchal Sumit Shankar		
SA36	Pawar Akshay Tanaji		

(Prof. S. N. More)
Co-ordinator

(Dr. S. S. Wangikar)
H.O.D., Mech. Engg. Dept.
HEAD,
Dept. of Mechanical Engg

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , NAAC, Accredited Institute,
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

Mechanical Engineering Department

Hands-on Training on " 2D Drafting"

CLASS: S. Y. (MECH) DIV: A A.Y. 2022-23 SEM:I

Attendance Record

Roll No	Name of Student	Date	01/10/22	03/10/22	06/10/22	10/10/22	11/10/22	17/10/22	18/10/22	19/10/22	21/10/22	01/11/22	02/11/22	04/11/22	08/11/22	14/11/22	15/11/22	18/11/22	01/12/22	05/12/22	08/12/22	15/12/22
		M. No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SA01	/Bahirgonde Supriya Yogiraj		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P
SA02	/Bhagare Aishwarya Shivaji		P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	A
SA03	/Chaugule Arti Ramchandra		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SA04	/Devkar Radhika Mahadev		A	A	A	A	A	A	A	A	A	A	A	P	A	A	A	A	A	A	A	A
SA05	/Dukale Dipali Pandit		P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
SA06	/Ghadage Shruti Ramdas		P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	A	P
SA07	/Gurav Aishwarya Sambhaji		P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P

SA08	/Hingmire Ankita Anil	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	A	P	P	P
SA09	/Kale Sakshi Sanjay	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	A	P	P
SA10	/Kale Trupti Kantilal	P	P	A	A	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P
SA11	/Khune Vaishnavi Satish	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
SA12	/Parade Pranali Hanumant	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P
SA13	/Pardeshi Sandhya Dnyaneshwar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P
SA14	/Patil Aishwarya Vilas	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SA15	/Patil Mrunal Mahadev	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
SA16	/Pawar Nutan Madhukar	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SA17	/Shelar Supriya Dada	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P
SA18	/Shingare Mansi Rajkumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
SA19	/Sonwane Akshata Pramod	P	P	A	A	P	P	P	P	A	P	P	P	P	P	P	A	A	P	P	P
SA20	/Waghmare Ashwini Balu	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P
SA21	/Shruti Mahadev Ingale	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
SA22	Ankushrao Onkar Navnath	P	P	P	A	A	P	A	A	A	A	A	P	A	P	A	P	P	A	P	P
SA23	Bagal Ganesh Samadhan	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P
SA24	Bute Shreyas Santosh	P	P	P	A	A	P	P	P	A	P	P	P	P	P	A	A	P	P	P	A
SA25	Ingale Jivaraj Janardhan	P	P	P	P	P	A	A	P	P	A	P	P	P	A	P	A	A	P	P	P

Roll No	Name of Student	Date	01/10/22	03/10/22	06/10/22	10/10/22	11/10/22	14/10/22	17/10/22	18/10/22	21/10/22	01/11/22	04/11/22	07/11/22	08/11/22	14/11/22	15/11/22	18/11/22	01/12/22	05/12/22	08/12/22	15/12/22
		M. No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SA26	Jadhav Sushant Dharmraj		P	P	P	P	A	A	P	P	P	P	P	P	A	P	P	P	P	P	A	A
SA27	Kadam Prathmesh Santosh		P	P	A	P	P	P	A	A	A	P	P	P	P	A	P	P	A	P	P	P
SA28	Kodag Pruthviraj Krushanadev		P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	A	P	A
SA29	Nagane Vaibhav Popat		P	P	P	P	P	A	A	A	P	P	P	A	A	P	P	P	P	P	P	A
SA30	Shembade Balaji Damodar		P	A	P	P	P	A	P	P	P	A	P	P	P	A	P	P	A	P	P	A
SA31	Burange Suyash Shrimant		P	P	P	P	P	A	P	P	A	P	A	P	A	P	P	P	P	P	P	P
SA32	Ingale Om Ravikiran		A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	A	A	P	A	A
SA33	Jadhav Shriram Arun		P	P	P	P	P	P	A	P	P	P	A	P	A	P	A	P	P	P	A	P
SA34	Mane Deshmukh Ranveer Dhaiyarshil		P	P	A	A	A	A	P	P	P	A	P	P	A	P	A	P	A	P	P	P
SA35	Panchal Sumit Shankar		P	P	P	P	P	P	P	P	P	P	A	A	P	A	A	A	P	P	P	P
SA36	Pawar Akshay Tanaji		P	P	P	A	A	A	P	P	P	A	P	P	P	A	P	P	P	A	P	P
SA37	Shinde Avishkar Raghu		P	P	A	A	P	A	A	P	P	P	P	A	P	P	P	A	P	P	P	P
SA38	Vyavahare Prathmesh Laxman		P	P	P	A	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P
SA39	Bhosale Vikas Nand Kumar		P	P	P	A	P	P	A	A	A	A	A	P	P	P	A	P	P	P	P	P
SA40	Gaikwad Prasad Kisan		P	A	P	P	P	A	P	P	P	A	P	P	P	P	A	P	P	P	P	A
SA41	Gire Abhijit Prakash		A	A	A	P	P	P	P	P	P	P	A	A	P	P	P	P	A	P	P	P
SA42	Pathan Abutalha Sajjankhan		P	A	P	P	P	P	P	P	P	A	A	P	P	P	P	A	P	P	P	P

SA43	Godse Samadhan Balasaheb	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P
SA44	Kanhere Pruthviraj Satish	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P
SA45	Shinde Suraj Tatyaram	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	A	A	P	P
SA46	Gavade Ashish Ravindra	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	A	A	A	P	P
SA47	Jadhav Vinayak Shankar	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
SA48	Kamble Pravin Dnyaneshwar	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P
SA49	Kulkarni Mandar Manoj	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P
SA50	Kumbhar Shubham Audumbar	P	A	P	A	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P
SA51	Lokare Amit Dipak	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P
SA52	More Rohit Hanumant	P	P	P	A	P	P	P	A	P	P	P	A	P	P	A	P	P	P	P	A
SA53	Pise Anil Subhash	A	P	P	A	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P
SA54	Shinde Sujit Manohar	A	A	P	A	P	P	A	A	P	P	P	P	P	P	A	P	A	A	A	P
SA55	Atkale Rakesh Rajendra	P	P	P	P	A	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P
SA56	Yadav Kunal Vishwas	A	P	A	P	P	P	P	P	P	A	A	P	P	P	P	P	A	A	A	A

Roll No	Name of Student	Date	01/10/25	03/10/25	06/10/25	10/10/25	13/10/25	14/10/25	17/10/25	19/10/25	21/10/25	01/11/25	04/11/25	07/11/25	08/11/25	14/11/25	18/11/25	18/11/25	01/12/25	05/12/25	08/12/25	15/12/25
		M. No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SA57	Survase Suyash Sanjay		P	P	P	P	P	P	A	P	P	A	P	A	P	P	P	P	P	P	P	P
SA58	Tikate Prakash Vijay		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A
SA59	Waydande Adesh Bharat		A	P	P	A	P	P	A	P	P	P	A	P	P	P	P	P	A	P	P	A
SA60	Kshirsagar Rohan Shamrao		P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P
SA61	Nanaware Avinash Bhimaro		A	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	A	P	P	P
SA62	Patil Sandip Kisan		A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P
SA63	Zalate Akash Chandrakant		P	P	P	A	P	P	P	P	A	P	P	P	A	A	P	A	P	P	P	P
SA64	Shelake Kisan Dagadu		P	P	P	P	P	P	P	P	P	P	P	A	A	A	A	P	P	P	A	P
SA65	Bhusanar Aditya Ankush		P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A
SA66	Khapale Mangesh Ganpat		A	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	A	P
SA67	Ritond Suraj Tukaram		P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	A	P
SA68	Surve Vikram Rajendra		P	P	P	P	P	P	P	P	A	P	P	A	P	A	P	P	P	P	P	A
SA69	Kumbhar Dnyaneshwar Ganpat		A	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P
SA70	Khedekar Rushikesh Ramchandra		P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A

(Mr. S. N. More)
Course Coordinator

(Dr. S. S. Wangikar)
HOD, Mech. Engg. Dept
HEAD,
Dept. of Mechanical Engg
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SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
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P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal - Pandharpur- 413 304,
Dist. Solapur (Maharashtra) Ph.(02186)- 282223, 9503103892
(Approved by A.I.C.T.E., New Delhi and affiliated to Solapur University, Solapur)
ISO 9001-2008 Certified Institute, Accredited by TCS, Pune & The Institution of Engineers (India), Kolkata E-mail : coe@sveri.ac.in Website: www.sveri.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

Hands-on Training on 2D Drafting
A.Y. 2022-23 SEM: I
CLASS: S. Y. (MECH) DIV: A
Course Duration: - 01/10/2022 to 15/12/2022 (40 Hrs)

Assessment Procedure:

- **Eligibility Criterion:** A participant who will attend 75 % sessions will be eligible for Final Test.
- **Final Test:** Performance of participant will be assessed on the basis of passing in the Final Test with at least 50% marks.
- Only those participants who meet the passing standard for the assessment will be awarded the certificate.

(Mr. S. N. More)
Training Coordinator

(Dr. S. S. Wangikar)
Head, Mech. Engg. Dept

HEAD,
Dept. of Mechanical Engg.
C.O.E. Pandharpur

Shri Vithal Education & Research Institute's

College of Engineering, Pandharpur

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SVERI
Engineering for Excellence

Department of Mechanical Engineering

Certificate of Participation

This is to certify that

Ms. Ghadage Shruti Ramdas *of* SVERI's College of Engineering, Pandharpur has participated and successfully completed 40 Hours Hands on Training on "2D Drafting" from Octomber 01, 2022 to December 15, 2022 Organized by Department of Mechanical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.

Prof. S. N. More
Co-ordinator

Dr. S. S. Wangikar
Head, Mech. Engg. Dept.

Prof. Dr. B. P. Ronge
Principal

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SVERI
Engineering for Excellence

Department of Mechanical Engineering

Certificate of Participation

This is to certify that

Ms. Hingmire Ankita Anil *of* SVERI's College of Engineering, Pandharpur has participated and successfully completed 40 Hours Hands on Training on "2D Drafting" from Octomber 01, 2022 to December 15, 2022 Organized by Department of Mechanical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.

Prof. S. N. More
Co-ordinator

Dr. S. S. Wangikar
Head, Mech. Engg. Dept.

Prof. Dr. B. P. Ronge
Principal

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SVERI
Engineering for Excellence

Department of Mechanical Engineering

Certificate of Participation

This is to certify that

Mr. Bute Shreyas Santosh *of* SVERI's College of Engineering, Pandharpur has participated and successfully completed 40 Hours Hands on Training on "2D Drafting" from Octomber 01, 2022 to December 15, 2022 Organized by Department of Mechanical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.

Prof. S. N. More	**Dr. S. S. Wangikar**	**Prof. Dr. B. P. Ronge**
Co-ordinator	Head, Mech. Engg. Dept.	Principal

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Engineering for Excellence

Department of Mechanical Engineering

Certificate of Participation

This is to certify that

Mr. Jadhav Shriram Arun *of* SVERI's College of Engineering, Pandharpur has participated and successfully completed 40 Hours Hands on Training on "2D Drafting" from Octomber 01, 2022 to December 15, 2022 Organized by Department of Mechanical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.

Prof. S. N. More	**Dr. S. S. Wangikar**	**Prof. Dr. B. P. Ronge**
Co-ordinator	Head, Mech. Engg. Dept.	Principal

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Engineering for Excellence

Department of Mechanical Engineering

Certificate of Participation

This is to certify that

Mr. Godse Samadhan Balasaheb *of* SVERI's College of Engineering, Pandharpur has participated and successfully completed 40 Hours Hands on Training on "2D Drafting" from Octomber 01, 2022 to December 15, 2022 Organized by Department of Mechanical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.

Prof. S. N. More	**Dr. S. S. Wangikar**	**Prof. Dr. B. P. Ronge**
Co-ordinator	Head, Mech. Engg. Dept.	Principal

SVERI's

College of Engineering, Pandharpur

Mechanical Engineering Department

Certificate Course

on

Advanced Automobile Design under TATA Ready Engineer Program

Duration-1st Jan. 2023 to 20th April 2023

Class: T.Y. Div:-A & B

Sem-II

A.Y.: 2022-23

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
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(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)
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Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

REPORT

The Department of Mechanical Engineering conducted a **Certificate course on *Advanced Automobile Design under TATA Ready Engineer Program from* 1st Jan. 2023 to 20th April 2023**. The resource person for this certificate course was Mr. D. T. Kashid from SVERI's COE, Pandharpur. In this certificate course the student got the detail knowledge about new trends and techniques in *Mechanical Engineering CATIA V5 R18 with* hands on practical and which are the new tools plans available in upcoming days for the Mechanical Engineer in the field of Mechanical Design and Modeling. Domestic and industrial applications of *CATIA V5 R18 with* practical on Mechanical Automotive parts have been covered in this certificate course. **Total 86 students of T. Y. B. TECH. Mechanical participated in this certificate course.** All the faculty members from Mechanical department worked actively for the successful completion of certificate course.

The Course outcomes for this course are:

1) **Student got the knowledge about which are the new opportunity available for job in Mechanical Engg. Sector.**
2) **Student understood the application of *TATA Ready Engineer (RE).***

Mr. D. T. Kashid
Course Coordinator

Dr. S. S. Wangikar
Head, Mech. Engg. Dept.

HEAD,
Dept. of Mechanical Engg
C.O.E. Pandharpur

RESOURCE PERSONS

The resource persons include industry experts from TATA Technology Ltd. Pune and SVERI's COE Pandharpur.

1. Mr. Siddharth Yawalkar (Program Lead-Ready Engineer)
2. Mr. C. C. Jadhav (RE coordinator)

MAJOR TOPICS

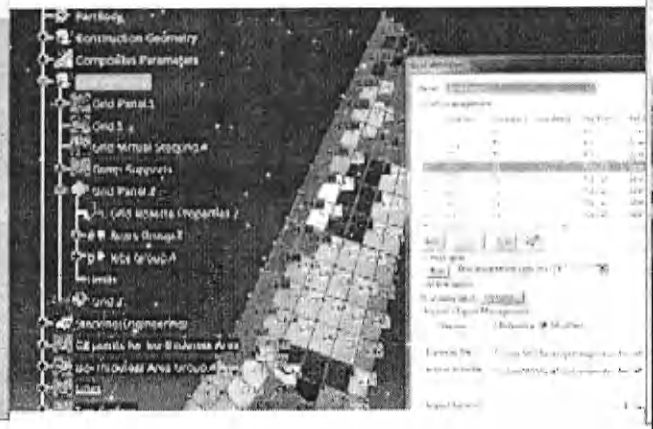
- Advanced of CATIA V5 R18 and its Interfaces, Body in White and Plastics and Trims.
- Importance of TATA RE Program.
- TATA RE - Usage in Academics and Industries.
- Formulation of undergraduate/ post graduate and consultancy projects using the software.

ABOUT THE PROGRAM

This training programme on "Ready Engineer Program" is being organized by SVERI's College of Engineering, Pandharpur & TATA Technologies Ltd. Pune with an objective to provide a golden opportunity to students to learn about RE Programme and its various application in the field of academics, research & industry.

TATA

TATA TECHNOLOGIES



SVERI

SVERI's College of Engineering, Pandharpur

Organizes Department of Mechanical Engineering

&

TATA Technologies Ltd. Pune.

Organizes

Certificate course on

"Advanced Automobile Design under TATA Ready Engineer Program"

Date: 1st Jan – 20th April 2023

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
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Date: 23/12/2022

Department of Mechanical Engineering

NOTICE

All the students of T.Y. B. Tech. (Mechanical Engineering) are informed to note that, Department of Mechanical Engineering and TATA Technologies have organized '**Certificate course on *Advanced Automobile Design under TATA Ready Engineer Program***' from **1st Jan. 2023 to 20th April 2023**. Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination.

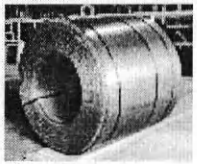
All the concerned should take note and act accordingly.

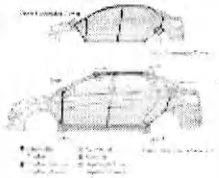
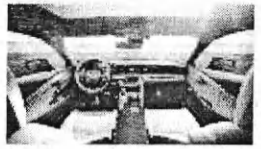
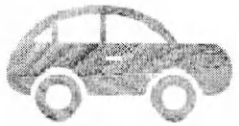
(Prof. D. T. Kashid)
Course Coordinator

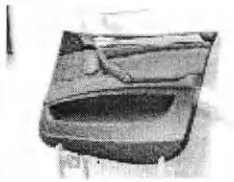
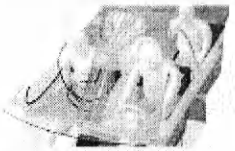
(Dr. S. S. Wangikar)
Head, Mech. Engg. Dept.

HEAD,
Dept. of Mechanical Engg
C.O.E. Pandharpur

SYLLABUS

PART 2: Advanced Automobile Design			READY Engineer™	
Semester VI - Third Year Engineering				
Session No.	**Name of the Topic**	**Sub-Topics**	**Course**	
I	Introduction of Body-In-White	1. Requirement Specification in the Pre-Program Stage 2. Product life cycle and important gateways for BIW 3. Identification of commodities for BIW 4. Design concepts and considerations in BIW	MODULE 1 - Body-In-White	
II	Part Design 1 (CATIA)	1. BIW Materials and Grades (Steel, Aluminium, Composites) 2. GD&T Functions, Symbols. 3-2-1 Principle 3. Sheet Metal Joining - Welds, Adhesives, TWBs	MODULE 1 - Body-In-White	
III	DFMEA Analysis for BIW	1. Design Failure Modes and Effect Analysis 2. DFMEA Objectives 3. DFMEA Process 4. DFMEA Benefits	MODULE 1 - Body-In-White	

IV	Design Verification - CAE Methods and Gateway Supports for BIW	1. Understanding design verification 2. Test Methods & applications 3. CAE role in different phases of product development 4. Structural analysis & Fatigue life 5. Crash Analysis, Heat & CFD analysis	MODULE 1 - Body-In-White	
V	CAE Analysis for BIW	1. Finite Element Analysis 2. NVH Analysis 3. Crash Worthiness and 4. Durability Analysis, Four post method	MODULE 1 - Body-In-White	
VI	Testing & Manufacturing and Future Trends of BIW	1. Test Validation & Assessment 2. Manufacturing - Sequence, Welding & Assembly 3. Future Trends in BIW 4. Examples and Case Studies	MODULE 1 - Body-In-White	
VII	Introduction to Plastics & Trims	1. Requirement Specification in the Pre-Program Stage 2. PLC and important gateways for Trims 3. Identification of commodities for Trims	MODULE 2 - Plastics & Trims	
VIII	Design Requirements & Trim Materials	1. Vehicle Regulations 2. Automotive Safety 3. Design for Environment 4. Material Classifications, Selection criteria 5. Plastic Additives	MODULE 2 - Plastics & Trims	

IX	Design of Plastics & DFMEA	1. Plastics Part Overview 2. Plastics Part Design 3. Principles behind Engg. Plastics 4. DFMEA Objectives, Process & Benefits	MODULE 2 - Plastics & Trims	
X	Design Verification & CAE Analysis	1. Design Verification - CAE methods and Gateway supports 2. CAE Analysis - Moldflow of plastic parts, Crash & Durability	MODULE 2 - Plastics & Trims	
XI	Manufacturing & Testing	1. Manufacturing Process 2. Test Validation & Assessment 3. Assembly Sequence	MODULE 2 - Plastics & Trims	
XII	Future Trends & Case Studies	1. Future Materials 2. Recycling 3. Light Weight Materials 4. Case Studies	MODULE 2 - Plastics & Trims	

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)
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Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

Ref. No.: COEPR/MECH/2022-2023 Date:-25/12/2022

OFFICE ORDER

Following committee has been constituted for Design and Development of Curriculum for **Certificate Course on Course 'Advanced Automobile Design under TATA Ready Engineer Program'** for T.Y. B. Tech. (Mechanical Engineering) Semester-II of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Prof. C. C. Jadhav	Chairman
2.	Prof. K. S. Pukale	Member
3.	Prof. D. T. Kashid	Member

The above members are requested to design the curriculum for the said Add on Course and submit final copy of the curriculum to the undersigned on or before 31/12/2022.

Please take a note of the same and act accordingly.

(Dr. S. S. Wangikar)
Head, Mech. Engg. Dept.

HEAD,
Dept. of Mechanical Engg
C.O.E. Pandharpur

Copy to:
1. Prof. C. C. Jadhav
2. Prof. K. S. Pukale
3. Prof. D. T. Kashid
4. Principal
5. Dean Academics
6. Registrar
7. Office copy

SVERI's COLLEGE OF ENGINEERING PANDHARPUR
DEPARTMENT OF MECHANICAL ENGINEERING
A.Y.: 2022-23 SEM: II
List of Students Enrolled for
Certificate Course on Advanced Automobile Design under
TATA Ready Engineer Program
Duration: 1st Jan 2023 to 20th April 2023

Sr. No.	First Name	Last Name	Username
1	Udaysagar	Kamalapure	udaysagarakamalapure@coep.sveri.ac.in
2	Aakanksha	Jadhav	jsakanksha17@gmail.com
3	Aakanksha	Jagtap	aakankshaujagtap@coep.sveri.ac.in
4	Abhay	Ronge	abhaydronge@coep.sveri.ac.in
5	Abhijeet	Babar	abhijeetbabar617@gmail.com
6	Abhishek	Jadhav	abhishekmjadhav@coep.sveri.ac.in
7	Adarsh	Narayankar	adarshsnarayankar@coep.sveri.ac.in
8	Aditi	Kadam	aditiakadam@coep.sveri.ac.in
9	Aditya	Jadhav	adityasjadhav@coep.sveri.ac.in
10	Aditya	Nakate	adityaknakate@coep.sveri.ac.in
11	Ajay	Kore	ajayakore@coep.sveri.ac.in
12	Akanksha	Shelke	akankshabshelke@coep.sveri.ac.in
13	Akash	Sondage	akashmsondage@coep.sveri.ac.in
14	Akshay	Pawar	akshaybpawar@coep.sveri.ac.in
15	Alpesh	Aywale	alpeshaj2772016@gmail.com
16	Aniket	Dubal	aniketadubal@coep.sveri.ac.in
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18	Arjun	Ingale	arjunringale@coep.sveri.ac.in
19	Asavari	Bhosale	asavariabhosale@coep.sveri.ac.in
20	Asavari	Jadhav	asavaridjadhav@coep.sveri.ac.in
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22	Ashok	Pawar	ashokpawar4243@gmail.com
23	Ashwini	Bodakhe	ashwinibodakhe2001@gmail.com
24	Ashwini	Vasekar	ashwiniavasekar@coep.sveri.ac.in
25	Asmita	Saravade	asmitadsaravade@coep.sveri.ac.in
26	Avantika	Asabe	avantikamasabe@coep.sveri.ac.in
27	Aviraj	Nagtilak	avirajnagtilak@gmail.com
28	Ayush	Wale	ayushgwale@coep.sveri.ac.in
29	Bhushan	Kumbhar	bhushanbkumbhar@coep.sveri.ac.in
30	Chetan	Tamtam	chetanptamtam@coep.sveri.ac.in
31	Dakshata	Khare	dakshatadkhare@coep.sveri.ac.in
32	Dattatray	Pangale	dattatriyalpangle@coep.sveri.ac.in
33	Dipali	Gore	goredipali424@gmail.com
34	Diptesh	Relekar	dipteshvrelekar@coep.sveri.ac.in
35	Ganesh	Shinde	ganeshdshinde@coep.sveri.ac.in
36	Jagannath	Autade	jagannathpautade@coep.sveri.ac.in
37	Kedar	Abhyankar	kedarrabhyankar@coep.sveri.ac.in
38	Lingeshwar	Kumbhar	lingeshwarskumbhar@coep.sveri.ac.in

(Prof. D. T. Kashid)
Course Co-ordinator

(Dr. S. S. Wangikar)
Head, Mech.Engg. Dept.

HEAD,
Dept. of Mechanical Engg
C.O.E. Pandharpur

SVERI's COLLEGE OF ENGINEERING PANDHARPUR
DEPARTMENT OF MECHANICAL ENGINEERING
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List of Students Enrolled for
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Duration: 1st Jan 2023 to 20th April 2023

Sr. No.	First Name	Last Name	Username
39	Manisha	Kasabe	manishavkasbe@coep.sveri.ac.in
40	Mayuri	Abhangrao	mayuribabhangarao@coep.sveri.ac.in
41	Megha	Burungale	meghaaburungale@coep.sveri.ac.in
42	Nagesh	Gajare	nageshbgajare@coep.sveri.ac.in
43	Nilesh	Dhekale	nileshkdhekale@coep.sveri.ac.in
44	Parth	Bhumkar	parthvbhumkar@coep.sveri.ac.in
45	Pavan	Shinde	pavanrshinde@coep.sveri.ac.in
46	Pragati	Salunkhe	pragatissalunkhe@coep.sveri.ac.in
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49	Prerna	Wankhede	prernabwankhede@coep.sveri.ac.in
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52	Raviraj	Ronge	ravirajmronge@coep.sveri.ac.in
53	Rohit	Rode	rohitnrode@coep.sveri.ac.in
54	Ronak	Varma	Ronakkvarma@coep.sveri.ac.in
55	Ruthwick	Patil	ruthwickapatil@coep.sveri.ac.in
56	Rutuja	Kalel	rutujaskalel@coep.sveri.ac.in
57	Sachin	Ghutukade	sachinsghutukade@coep.sveri.ac.in
58	Sairaj	Gujare	sairajcgujare@coep.sveri.ac.in
59	Sakshi	More	sakshirmore@coep.sveri.ac.in
60	Sanket	Vairagkar	sanketnvairagkar@coep.sveri.ac.in
61	Satyajit	Patil	satyajitppatil@coep.sveri.ac.in
62	Shadab	Jahagirdar	shadabjahagirdar17@gmail.com
63	Shivprasad	Karande	shivprasadpkarande@coep.sveri.ac.in
64	Shreehari	Chavan	shreeharischavan@coep.sveri.ac.in
65	Shubham	Gavali	shubhamsgavali@coep.sveri.ac.in
66	Shubham	Todkari	shubhamtodkari194@gmail.com
67	Shubham	Yamgar	shhubhamuyamgar@coep.sveri.ac.in
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70	Swapnil	Lamkane	swapnildlamkane@coep.sveri.ac.in
71	Swaranjali	Deshmukh	swaranjaliddeshmukh@coep.sveri.ac.in
72	Tanaji	Sargar	tanajihsargar@coep.sveri.ac.in
73	Tejal	Kasbe	tejalvkasbe@coep.sveri.ac.in
74	Tejas	Pawar	tejasvpawar@coep.sveri.ac.in

(Prof. D. T. Kashid)
Course Co-ordinator

(Dr. S. S. Wangikar)
Head, Mech.Engg. Dept.

HEAD,
Dept. of Mechanical Engg.
C.O.E. Pandharpur

SVERI's COLLEGE OF ENGINEERING PANDHARPUR
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Sr. No.	First Name	Last Name	Username
75	Tukaram	Ambad	tukarammambad@coep.sveri.ac.in
76	Tushar	Saravade	tusharssaravade@coep.sveri.ac.in
77	Vaibhav	Tolanure	vaibhavt1322@gmail.com
78	Vaibhav	Zadkar	vaibhavtzadkar@coep.sveri.ac.in
79	Vedant	Jadhav	vedantdjadhav@coep.sveri.ac.in
80	Vijay	Bhad	vijaydbhad@coep.sveri.ac.in
81	Vinayak	Gunje	vinayakbgunje@coep.sveri.ac.in
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83	Yash	Katmore	yashskatmore@coep.sveri.ac.in
84	Yash	Thigale	yashthigale0192@gmail.com
85	Yash	Yadav	yashdyadav@coep.sveri.ac.in
86	Yogesh	Kole	yogeshdkole@coep.sveri.ac.in

(Prof. D. T. Kashid)
Course Co-ordinator

(Dr. S. S. Wangikar)
Head, Mech.Engg. De

HEAD,
Dept. of Mechanical Engg
C.O.E. Pandharpur

TATA TECHNOLOGIES

READY Engineer

TATA

Certificate of Appreciation

in recognition of the enthusiasm & commitment shown by.

Dakshata Khare

from Shri Vithal Education & Research Institute, Pandharpur has undergone the Ready Engineer Program of Tata Technologies in the year 2022-23 on Advanced Automobile Design, covering design of body-in-white, plastics and trims and is awarded as a

Certified Ready Engineer

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

Mr. Vikrant Gandhe
Head – Corporate Social Responsibility & Company Secretary

Date
27 April 2023

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TTL/RE/2022-23/12/6172

TATA TECHNOLOGIES

READY Engineer

TATA

Certificate of Appreciation

in recognition of the enthusiasm & commitment shown by

Shubham Yamgar

from Shri Vithal Education & Research Institute, Pandharpur has undergone the Ready Engineer Program of Tata Technologies in the year 2022-23 on Advanced Automobile Design, covering design of body-in-white, plastics and trims and is awarded as a

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Mr. Vikrant Gandhe
Head – Corporate Social Responsibility & Company Secretary

Date
27 April 2023

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TTL/RE/2022-23/12/6411

TATA TECHNOLOGIES

READY Engineer

TATA

Certificate of Appreciation

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Shreehari Chavan

from Shri Vithal Education & Research Institute, Pandharpur has undergone the Ready Engineer Program of Tata Technologies in the year 2022-23 on Advanced Automobile Design, covering design of body-in-white, plastics and trims and is awarded as a

Certified Ready Engineer

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

Mr. Vikrant Gandhe
Head – Corporate Social Responsibility & Company Secretary

Date
27 April 2023

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TATA TECHNOLOGIES

READY Engineer

TATA

Certificate of Appreciation

In recognition of the enthusiasm & commitment shown by

Akanksha Shelke

from Shri Vithal Education & Research Institute, Pandharpur has undergone the Ready Engineer Program of Tata Technologies in the year 2022-23 on Advanced Automobile Design, covering design of body-in-white, plastics and trims and is awarded as a

Certified Ready Engineer

(Note: Certified Ready Engineer ≥ 60% score; Certificate of Participation 40-59% score)

Mr. Vikrant Gandhe
Head – Corporate Social Responsibility & Company Secretary

Date
27 April 2023

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TTL/RE/2022-23/12/6093

TATA TECHNOLOGIES

READY Engineer

TATA

Certificate of Appreciation

in recognition of the enthusiasm & commitment shown by

Diptesh Relekar

from Shri Vithal Education & Research Institute, Pandharpur has undergone the Ready Engineer Program of Tata Technologies in the year 2022-23 on Advanced Automobile Design, covering design of body-in-white, plastics and trims and is awarded as a

Certified Ready Engineer

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

Mr. Vikrant Gandhe
Head – Corporate Social Responsibility & Company Secretary

Date
27 April 2023

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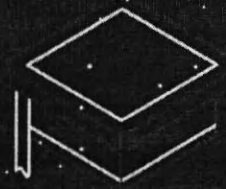
TTL/RE/2022-23/12/6106

TATA TECHNOLOGIES

READY Engineer

TATA



Certificate of Appreciation

in recognition of the enthusiasm & commitment shown by

Akshay Pawar

from Shri Vithal Education & Research Institute, Pandharpur has undergone the Ready Engineer Program of Tata Technologies in the year 2022-23 on Advanced Automobile Design, covering design of body-in-white, plastics and trims and is awarded as a

Certificate of Participation

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

Mr. Vikrant Gandhe
Head – Corporate Social Responsibility & Company Secretary

Date
27 April 2023

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TTL/RE/2022-23/12/6117

TATA TECHNOLOGIES

READY Engineer

TATA

Certificate of Appreciation

in recognition of the enthusiasm & commitment shown by

Pragati Salunkhe

from Shri Vithal Education & Research Institute, Pandharpur has undergone the Ready Engineer Program of Tata Technologies in the year 2022-23 on Advanced Automobile Design, covering design of body-in-white, plastics and trims and is awarded as a

Certified Ready Engineer

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

Mr. Vikrant Gandhe
Head – Corporate Social Responsibility & Company Secretary

Date
27 April 2023

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TTL/RE/2022-23/12/7699

TATA TECHNOLOGIES

READY Engineer

TATA

Certificate of Appreciation

In recognition of the enthusiasm & commitment shown by

Yash Thigale

from Shri Vithal Education & Research Institute, Pandharpur has undergone the Ready Engineer Program of Tata Technologies in the year 2022-23 on Advanced Automobile Design, covering design of body-in-white, plastics and trims and is awarded as a

Certified Ready Engineer

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

Mr. Vikrant Gandhe
Head – Corporate Social Responsibility & Company Secretary

Date
27 April 2023

/// Engineering a better world

TTL/RE/2022-23/12/8189

TATA TECHNOLOGIES

READY Engineer

TATA

Certificate of Appreciation

in recognition of the enthusiasm & commitment shown by

Asmita Saravade

from Shri Vithal Education & Research Institute, Pandharpur has undergone the Ready Engineer Program of Tata Technologies in the year 2022-23 on Advanced Automobile Design, covering design of body-in-white, plastics and trims and is awarded as a

Certified Ready Engineer

(Note: Certified Ready Engineer > 60% score; Certificate of Participation 40-59% score)

Mr. Vikrant Gandhe
Head – Corporate Social Responsibility & Company Secretary

Date
27 April 2023

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TTL/RE/2022-23/12/6149

SVERI's
College of Engineering, Pandharpur

Mechanical Engineering Department

Online Certificate

Course on

Drafting of 2D & 3D Drawings using Auto CAD

Duration- 10th April. 2023 to 29th April. 2023

Class: S. Y. **Div: - B**

Sem-II

A.Y.: 2022-23

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , NAAC A+, Accredited Institute,
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

REPORT

The Department of Mechanical Engineering conducted **Certificate course** on Drafting of 2D & 3D Drawings using Auto CAD **from 10/04/2023 to 29/04/2023**. The resource person for this certificate course was Mr. P. B. Asabe. In this certificate course the student got the detail knowledge about CAD and its various applications in the field of academics, research & industry. Domestic and industrial applications of CAD with practical on Mechanical application have been covered in this certificate course. **Total 62 students of S.Y. Mechanical participated in this certificate course**. All the faculty members from Mechanical department worked actively for the successful completion of certificate course.

The Course outcomes for this course are:

1) **Student got the knowledge about which are the new opportunity available for Industry In CAD.**
2) **Student understood the application of CAD &recent trends in CAD**

Mr. D. T. Kashid
Course Coordinator

Dr. S. S. Wangikar
Head, Mech. Engg. Dept.

HEAD,
Dept. of Mechanical Engg
Pandharpur

RESOURCE PERSONS

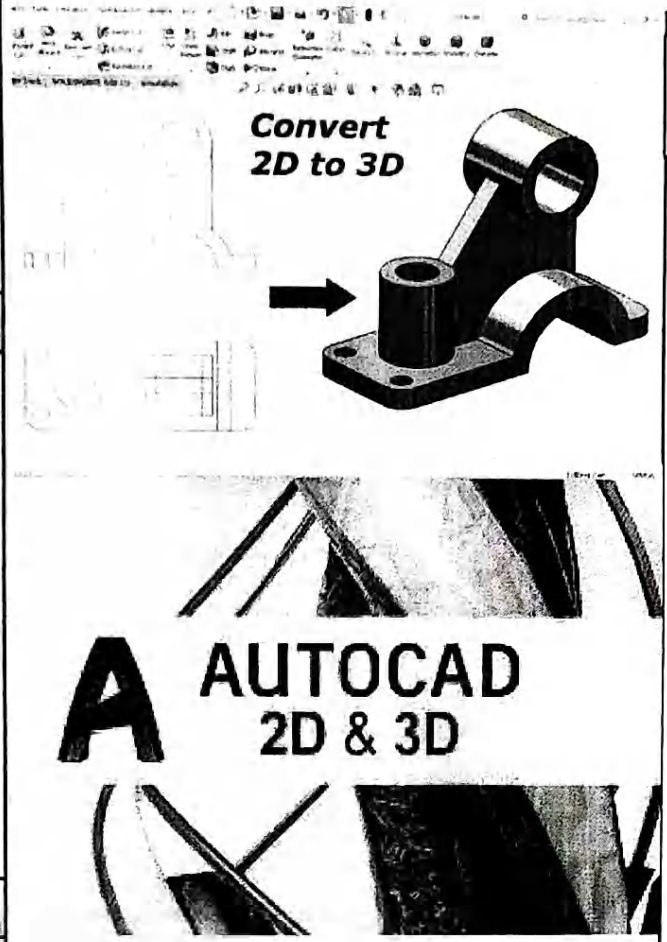
The resource persons Mr. P.B.Asabe, Assistant Professor from SVERI's College of Engineering, Pandharpur.

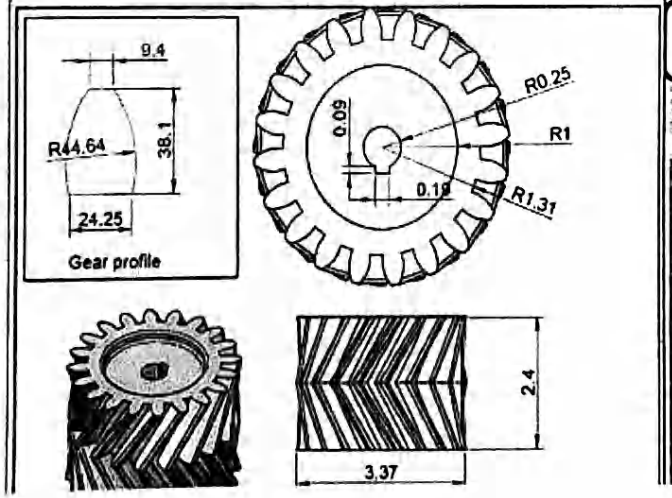
MAJOR TOPICS

- Importance of AutoCAD software.
- Basics Introduction of AutoCAD and its Interfaces, Part Design, Assembly, Drafting, Sketcher, 2D & 3D Drawings tools.
- AutoCAD - Usage in Academics and Industries.
- Formulation of undergraduate/ post graduate and consultancy projects using the software.

ABOUT THE PROGRAM

This training Programme on "Drafting of 2D & 3D Drawings using Auto-CAD for Design and Drafting" is being organized by SVERI's College of Engineering, Pandharpur. with an objective to provide a golden opportunity to students to learn about AutoCAD software and its various application in the field of academics, research & industry.





SVERI's
College of Engineering, Pandharpur

Department of Mechanical Engineering

Organizes
Online
Certificate Course
on

Drafting of 2D & 3D

Drawings using Auto CAD

Date: 10th April-29th April 2023

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , NAAC A+, Accredited Institute,
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

Date: 05/04/2023

Department of Mechanical Engineering

NOTICE

All the students of S.Y. B. Tech. Div- B (Mechanical Engineering) are informed to note that, it is compulsory for students of S.Y. B. Tech. Div-B to complete Add-on course from A.Y.2022-2023. Accordingly, Department of Mechanical Engineering has organized **Add on Course** on 'Drafting of 2D & 3D Drawings using Auto-CAD' from **10th April 2023 to 29th April 2023**. Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination.

All the concerned should take note and act accordingly.

(Prof. D.T.Kashid)
Program Coordinator

(Dr. S. S. Wangikar)
Head, Mech. Engg. Dept.

HEAD,
Dept. of Mechanical Engg
C.O.E. Pandharpur

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , NAAC A+, Accredited Institute,
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

Ref. No.: COEPR/MECH/2022-2023 Date:-03/04/2023

OFFICE ORDER

Following committee has been constituted for Design and Development of Curriculum for **Add on Course 'Drafting of 2D & 3D Drawings using Auto CAD'** for S.Y. B.Tech. (Mechanical Engineering) Semester-II of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Prof. C. C. Jadhav	Chairman
2.	Prof. S. M. Khomane	Member

The above members are requested to design the curriculum for the said Add on Course and submit final copy of the curriculum to the undersigned on or before 07/04/2023.

Please take a note of the same and act accordingly.

(Dr. S. S. Wangikar)
Head, Mech. Engg. Dept.

HEAD,
Dept. of Mechanical Engg
C.O.E. Pandharpur

Copy to:
1. Prof. C. C. Jadhav
2. Prof. S. M. Khomane
3. Principal
4. Dean Academics
5. Registrar
6. Office copy

SVERI's COLLEGE OF ENGINEERING PANDHARPUR
DEPARTMENT OF MECHANICAL ENGINEERING
A.Y. 2022-23 SEM:II
Online Certificate Course on "Drafting of 2D & 3D Drawings using Auto-CAD"
CLASS: S. Y. (MECH) DIV: B
Student List

Roll No.	Name of Student	Roll No.	Name of Student
SB 01	/Gawade Gauri Uttam	SB 37	Mulani Mohasin Kalindar
SB 02	/Jamadade Siddhi Uttam	SB 38	Mule Pranav Subhash
SB 03	/Kadam Trupti Navanath	SB 39	Nagtilak Ankit Abasaheb
SB 04	/Kamble Sonali Dhanraj	SB 40	Nimbalkar Nikhil Hanumant
SB 05	/More Pratiksha Pradip	SB 42	Zende Nikhil Nitin
SB 06	/Mulani Alisha Adam	SB 43	Pawar Suraj Nagnath
SB 07	/Pawar Komal Dadaso	SB 44	Rathod Nitin Kashinath
SB 08	/Yadav Dnyaneshwari Dhananjay	SB 45	Ronge Parth Mahesh
SB 09	/Yadav Nikita Vitthal	SB 46	Salunke Siddeshwar Madhukar
SB 10	/Yadav Pratiksha Dipak	SB 47	Sathe Krishna Sanjay
SB 11	Aldar Suraj Sanjay	SB 48	Shahane Aditya Anand
SB 12	Bagale Prathamesh Shrimant	SB 49	Shaikh Faizmurtaza Zahir Ahmed
SB 13	Bawale Durvankur Prashant	SB 50	Shaikh Musaddik Faruk
SB 14	Benare Pratik Vidhyadhar	SB 51	Shinde Samadhan Parmeshwar
SB 15	Bhagat Sushantkumar Bhagwan	SB 52	Shinde Vishal Dilip
SB 16	Bhandarkavthe Gururaj Suresh	SB 53	Surve Anand Vilas
SB 17	Bhusnar Pavan Ramchandra	SB 54	Suryavanshi Utkarsh Rudhyanath
SB 18	Chaugule Nanaso Dattatray	SB 55	Takane Pranav Suresh
SB 19	Dhadake Shridhar Panchappa	SB 56	Tarte Swapnil Mahadev
SB 20	Dhage Swapnil Bharat	SB 57	Tompe Ganesh Shankar
SB 21	Ghadage Rushikesh Bitu	SB 58	Vyavahare Ranajit Ravindra
SB 22	Gholap Shriram Ganesh	SB 59	Yadav Satyavan Dhanaji
SB 61	Zade Saurabh Babaso	SB 60	Yadravkar Sahil Dattatray
SB 24	Gurav Abhishek Anand		
SB 25	Hake Shubham Mohan		
SB 26	Ingale Akash Maruti		
SB 27	Joshi Prasad Dattatray		
SB 28	Kalbhor Suraj Bhajandas		
SB 29	Kangude Chaitanya Vijaysinh		
SB 30	Kavale Atul Jalinder		
SB 31	Khandalkar Pradip Shivaji		
SB 32	Khandekar Vaibhav Ramchandra		
SB 33	Korabu Aijaj Rehiman		
SB 34	Lade Girish Balaso		
SB 35	Morde Abhishek Mallinath		
SB 36	Mote Sunil Sanjay		

(Prof. D.T.Kashid)
Co-ordinator

(Dr. S. S. Wangikar)
H.O.D., Mech. Engg. Dept.

HEAD,
Dept. of Mechanical Engg
C.O.E. Pandharpur

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
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Department of Mechanical Engineering

Syllabus for Drafting of 2D & 3D Drawings using AutoCAD

- **Introduction to CAD**
- **Basic Auto-CAD Setting**
- **Draw commands**
- **Modify Commands**
- **Dimensioning & Annotation**
- **Simple 2 D Drawing**
- **Isometric Drawing**
- **3D Drawing**

(Mr. D.T.Kashid)
Program Coordinator

(Dr. S. S. Wangikar)
Head, Mech. Engg. Dept

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Mechanical Engineering Department

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CLASS: S. Y. (MECH) DIV: B A.Y. 2022-23 SEM: II

Attendance Record

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		M. No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
SB 01	/Gawade Gauri Uttam		P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
SB 02	/Jamadade Siddhi Uttam		P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P
SB 03	/Kadam Trupti Navanath		P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
SB 04	/Kamble Sonali Dhanraj		P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
SB 05	/More Pratiksha Pradip		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 06	/Mulani Alisha Adam		P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 07	/Pawar Komal Dadaso		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 08	/Yadav Dnyaneshwari Dhananjay		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
SB 09	/Yadav Nikita Vitthal		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 10	/Yadav Pratiksha Dipak		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 11	Aldar Suraj Sanjay		P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
SB 12	Bagale Prathamesh Shrimant		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 13	Bawale Durvankur Prashant		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 14	Benare Pratik Vidhyadhar		P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
SB 15	Bhagat Sushantkumar Bhagwan		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 16	Bhandarkavthe Gururaj Suresh		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 17	Bhusnar Pavan Ramchandra		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 18	Chaugule Nanaso Dattatray		P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A
SB 19	Dhadake Shridhar Panchappa		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
SB 20	Dhage Swapnil Bharat		P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P
SB 21	Ghadage Rushikesh Bitu		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 22	Gholap Shriram Ganesh		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

(Prof. D. T. Kashid)
Course Coordinator

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SB23	Gurav Abhishek Anand		P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	A
SB 24	Hake Shubham Mohan		P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
SB 25	Ingale Akash Maruti		P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 26	Joshi Prasad Dattatray		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 27	Kalbhor Suraj Bhajandas		P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
SB 28	Kangude Chaitanya Vijaysinh		A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 29	Kavale Atul Jalindar		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 30	Khandalkar Pradip Shivaji		P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A
SB 31	Khandekar Vaibhav Ramchandra		P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
SB 32	Korabu Aijaj Rehiman		P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
SB 33	Lade Girish Balaso		A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A
SB 34	Morde Abhishek Mallinath		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 35	Mote Sunil Sanjay		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 36	Mulani Mohasin Kalindar		P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P
SB 37	Mule Pranav Subhash		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
SB 38	Nagtilak Ankit Abasaheb		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 39	Nimbalkar Nikhil Hanumant		P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
SB 40	Patil Amit Subhash		P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P
SB 41	Pawar Suraj Nagnath		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 42	Rathod Nitin Kashinath		P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
SB 43	Ronge Parth Mahesh		P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P

(Prof. D. T. Kashid)
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SB 45	Sathe Krishna Sanjay		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
SB 46	Shahane Aditya Anand		P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
SB 47	Shaikh Faizmurtaza Zahir		P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P
SB 48	Shaikh Musaddik Faruk		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 49	Shinde Samadhan Parmeshwar		P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
SB 50	Shinde Vishal Dilip		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 51	Surve Anand Vilas		A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 52	Suryavanshi Utkarsh Rudhaynath		P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
SB 53	Takane Pranav Suresh		P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
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SB 55	Tompe Ganesh Shankar		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 56	Vyavahare Ranjit Ravindra		P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
SB 57	Yadav Satyavan Dhanaji		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 58	Yadravakar Sahil Dattatray		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 59	Zade Saurabh Babaso		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
SB 60	Zende Nikhil Nitin		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A

(Prof. D. T. Kashid)
Course Coordinator

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DEPARTMENT OF MECHANICAL ENGINEERING

Online Certificate Course on
Drafting of 2D & 3D Drawings using Auto CAD
A.Y. 2022-23 SEM: II
CLASS: S. Y. (MECH) DIV: B
Course Duration: - 10th April. 2023 to 29th April. 2023

Assessment Procedure:

- **Eligibility Criterion:** A participant who will attend 80 % sessions will be eligible for Final Test.
- **Final Test:** Performance of participant will be assessed on the basis of passing in the Final Test with at least 50% marks.
- Only those participants who meet the passing standard for the assessment will be awarded the certificate.

(Prof. D.T.Kashid)
Course Coordinator

(Dr. S. S. Wangikar)
Head, Mech. Engg. Dept

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SVERI
Engineering for Excellence

Department of Mechanical Engineering

Certificate of Participation

This is to certify that

Ms. Pawar Komal Dadaso ***of*** **SVERI's College of Engineering, Pandharpur has participated and successfully completed Certificate Course on "Drafting of 2D & 3D Drawings using Auto CAD " from April 10, 2023 to April 29, 2023 Organized by Department of Mechanical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.**

Prof. D. T. Kashid
Co-ordinator

Dr. S. S. Wangikar
Head, Mech. Engg. Dept.

Prof. Dr. B. P. Ronge
Principal

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Engineering for Excellence

Department of Mechanical Engineering

Certificate of Participation

This is to certify that

Mr. Bhusnar Pavan Ramchandra ***of*** **SVERI's College of Engineering, Pandharpur has participated and successfully completed Certificate Course on "Drafting of 2D & 3D Drawings using Auto CAD " from April 10, 2023 to April 29, 2023 Organized by Department of Mechanical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.**

Prof. D.T.Kashid
Co-ordinator

Dr. S. S. Wangikar
Head, Mech. Engg. Dept.

Prof. Dr. B. P. Ronge
Principal

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Department of Mechanical Engineering

Certificate of Participation

This is to certify that

Mr. Shinde Vishal Dilip ***of*** **SVERI's College of Engineering, Pandharpur has participated and successfully completed Certificate Course on "Drafting of 2D & 3D Drawings using Auto CAD " from April 10, 2023 to April 29, 2023 Organized by Department of Mechanical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.**

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Co-ordinator

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Department of Mechanical Engineering

Certificate of Participation

This is to certify that

Mr. Sathe Krishna Sanjay ***of*** **SVERI's College of Engineering, Pandharpur has participated and successfully completed Online Certificate Course on "Drafting of 2D & 3D Drawings using Auto CAD " from April 10, 2023 to April 29, 2023 Organized by Department of Mechanical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.**

Prof. D.T.Kashid
Co-ordinator

Dr. S. S. Wangikar
Head, Mech. Engg. Dept.

Prof. Dr. B. P. Ronge
Principal

SVERI's
College of Engineering, Pandharpur

Electronics & Telecommunication Engineering

Certificate Course
on

C & C++ programming Aptitude

Duration-29th August 2022 to 8th September, 2022

Class: SY

A.Y.: 2022-2023

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Date: 27/08/2022

Department of Electronics & Telecommunication Engineering

NOTICE

All the students of Second Year (E&TC Engineering) are informed to note that, it is compulsory for students of Second Year to complete Add-on course for A.Y.2022-2023. Accordingly, Department of E&TC Engineering has organized **Add on Course** on **'C & C++ programming Aptitude'** from **29th August 2022 to 8th September 2022.**

Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination.

All the concerned should take note and act accordingly.

(Prof. S. A. Atole)
Program Coordinator

(Dr. Mrs M.M Pawar)
Head, E&TC. Engg. Dept.

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

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Ref. No.: COEPR/E&TC/2022-2023 Date:-25/08/2022_

OFFICE ORDER

As per the Instruction from Head of the Department , following committee has been constituted for Design and Development of Curriculum for **Add on Course 'C & C++ programming Aptitude'** for S.Y. (E&TC Engineering) Semester-I of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Mr. Akash Dixit	Resource Person
2.	Prof. S.A. Atole	Member
3.	Prof. J. S. Shinde	Member

The above members are requested to design the curriculum for the said Add on Course and submit final copy of the curriculum to the undersigned on or before 27/08/2022.

Please take a note of the same and act accordingly.

(Dr. Mrs.M.M Pawar)
Head, E&TC. Engg. Dept.

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

Copy to:
1. Mr. Akash Dixit
2. Prof. S.A. Atole
3 Prof. J. S. Shinde
4. Principal
5. Dean Academics
6. Registrar
7. Office copy

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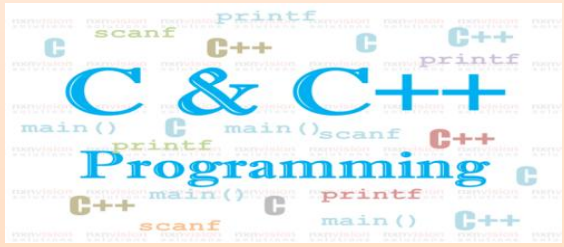
CONTACT US

1. Mr.S A Atole
   (9970277150)
2. Mr. M A Deshmukh
   (9975090344)
3. Mrs. J S Shinde
   (9366718199)
4. Dr. M M Pawar
   (9518930034)
5. Mr. R B Pawar
   (9665227585)

Academic Year: 2022-23

Duration

29th August to 08th September 2022



Training On

"C & C++ Programming Aptitude"

Recent years have witnessed a great deal of interest from both academia and industry in the field of antenna. In fact, this research topic tops the pyramid of research priorities requested by many national research agencies. So our department is providing the services for those researchers who are working in this field. Department is having Microwave Engineering Laboratory with well-equipped facilities. This is a good opportunity for researchers who are working on antenna to take benefit of this lab.

RESOURCE PERSON

Mr.Akash Dixit

SVERI'S COLLEGE OF ENGINEERING PANDHARPUR

Department of Electronics and Telecommunication

Accredited by NAAC A+, NBA & Institute of Engineers (India)

Approved by A.I.C.T.E., New Delhi and Affiliated to P.A.H. Solapur University, Solapur, P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Pandharpur- 413 304, District: Solapur (Maharashtra)

Email Id: coe@sveri.ac.in

ABOUT US

Pandharpur is well known holy place where Lord Shri Vithal Temple is located on bank of the river Chandrabhaga. It is recognized as spiritual capital of Maharashtra and popularly known as "South Kashi" of India. Shri Vithal Education and Research Institute (SVERI), a charitable trust formed by devoted technocrats, established its first Project, the SVERI's College of Engineering, Pandharpur in 1998. The Department of Electronics & Telecommunication Engineering was established in the year 1998. The department has 27 Qualified and Dedicated Faculty Members with the specialization with various areas. Department of E&TC have UG (Intake-120), PG (Intake-18) and Ph.D. programs. Department has 10 well equipped labs.

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C & C++ Programming Syllabus

Section 1 - Templates

- Template Functions and Classes
  - Instantiation
  - Overloading
  - Specialization
- Working with Templates
  - Member Templates
  - Using export
- STL (Standard Template Library)
  - Containers and Iterators
  - Algorithms

Section 2 - Exception Handling

- Using Exceptions
  - Exception Formats
  - Exception Specifications
  - Unexpected Exceptions
  - Uncaught Exceptions
- Designing with Exceptions
  - Exception Hierarchies
  - Discrimination
  - Using auto_ptr
  - Exceptions thrown from Constructors
  - Exceptions thrown from Destructors
  - Resource Management

Section 3 - Class Design

- Class Design Topics
  - Mutable Data Members
  - Using explicit with Constructors
  - Member Initialization
- Class Design Boilerplate
  - Copy Initialization and Assignment
  - Modifiers and Selectors
  - Clone Functions
- Composite Templates

Section 4 - Object Storage Management

- New and Delete Formats
  - Nothrow Operator new
  - Placement Formats
  - Explicit Destructor Calls
- Class Specific New and Delete
  - Overriding Global Operators
  - Memory Pools
- Reference Counts
  - Design Approach
  - Implementation
  - Copy-on-writes

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- Modifying Existing Classes

Section 5 - RTTI (Run Time Type Identification)

- Why RTTI?
  - Implications for Class Library Design
  - Controlling Object Behaviors
- RTTI Operators
  - dynamic_cast
  - typeid
  - type_info Class

Section 6 - Multiple Inheritance

- Design Concepts
  - Member Initialization
  - Ambiguities
- Multiple Inheritance Patterns
  - Distinct Bases
  - Multiple Inclusion
  - Virtual Bases

Section 7 - Working with C++

- Namespaces
  - Namespace Definitions
  - Unnamed Namespaces
  - Using Directives
  - Using Declarations
  - Namespace Aliases
- C++ Techniques
  - Objects as Return Values
  - Eliminating Temporaries
  - Virtual Constructors
  - Smart Pointers
  - Lvalue and Rvalue Separation

(Prof. S. A. Atole)
Program Coordinator

(Dr. Mrs.M. M Pawar)
Head, ENTC Engg. Dept.

Head
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Department of Electronics And Telecommunication Engineering

List of Students Enrolled for Certificate Course on "C & C++ programming Aptitude"

Duration: 29-08-2022 to 08-09-2022

Roll Call List

Sr.No	Name of Student
1.	BHOSALE MONIKA VITTHAL
2.	CHANDGUDE SANIKA MALHARI
3.	DAINGADE PRAJKTA JIVANDHAR
4.	DALAVI SHWETA MADHAV
5.	DEVALE AAFROJA SHAKIL
6.	DHEKALE KOMAL VITTHAL
7.	GHADAGE DIVYA SUNIL
8.	GHODAKE PRACHI PRASHANT
9.	GHODE POOJA IRANNA
10.	GHOGARE PRIYANKA ARUN
11.	GHOLAP RUTUJA DEVIDAS
12.	GHULE VIDYARANI SANJAY
13.	GOURWAR SAKSHI GOPAL
14.	GUND TANVI VILAS
15.	HAKE DHANASHREE ASHOK
16.	HANPUDE AISHWARYA SHIVAJI
17.	INGAVALE DESHMUKH SNEHAL HINDURAO
18.	JAGTAP ARYA VASANT
19.	KADAM ASHWINI DILIP
20.	KHATIB ALFIYA RAFIK
21.	KSHIRSAGAR SANIKA SIDDHARAM
22.	LIGADE TRUPTI GOVIND
23.	LOTAKE AARYA ATUL
24.	NASHTE SHWETA NAGNATH
25.	PATIL AMRUTA KHANDERAO
26.	PATIL VAISHNAVI SANTOSH
27.	PAWAR ANURADHA JAYANT
28.	PAWAR RUTIKA MANASING
29.	PAWAR SAKSHI SANJAY
30.	PHULE RIDDHI VITTHAL
31.	SHINDE PRATIKSHA SHIVAJI
32.	SHINDE ROHINI SHRIHARI
33.	SHINDE UTKARSHA MAHESH
34.	TAKANKAR ISHWARI CHANDRASHEKHAR
35.	TAYAWADE TANVI SANTOSH
36.	VITKAR ANJALI SHIVKUMAR
37.	VYAVAHARE DHANSHRI RAJKUMAR
38.	VYAVAHARE ROHINI GAJANAN
39.	BHOSALE SHIVKUMAR SATISH
40.	BOBADE RUSHIKESH BALASAHEB
41.	CHOUGULE PRATHMESH ARJUN
42.	DANDAGE GANESH LAXMAN
43.	DEVKATE NIKHIL APPASAHEB
44.	DHOTRE SAURABH SANJAY
45.	GAVALI SAGAR BHARAT
46.	HANAME ADITYA PRAMOD
47.	JAGTAP RITESH RAMESH

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48	KAGADE SURAJ LAXMAN
49.	KALE VIVEK DADARAO
50.	KALUBARME ANIKET TEJAS
51.	KAPSE KUNAL VISHWAS
52.	LINGADE KARAN ANIL
53.	MAHANKAL MAKARAND MURLIDHAR
54.	MALI SUHAS SANJAY
55.	MULANI ANIS INNUS
56.	MULANI NIHAL KHAJUDDIN
57.	NAGARKAR HARISH BHAGWAT
58.	NARHE SIDDHARTH JAGDISH
59.	NIKAM TUSHAR TUKARAM
60.	PATIL DEEPRAJ RAJENDRA
61.	PATIL PRUTHVIRAJ VIVEK
62.	PATIL SHRINIVAS SUNIL
63.	PATIL SHRISHAILYA PRAKASH
64.	PAWAR SOMNATH MACHINDRA
65.	PUJARI AKSHAY HEMANT
66.	RAMAYANE OMKAR JAYANT
67.	SARDE ADITYA TANAJI
68.	SAYYAD ALIM RAFIK
69.	SHAIKH AMAN IRPHAN
70.	SHINDE ANIKET ANNASO
71.	SHINDE ANIKET SURESH
72.	SHINGARE MAYUR MAHADEV
73.	TAMBOLI EKRAR GOUSMOHAMMAD
74.	ALAT SNEHAL DATTARAJ
75.	ANKALGI SHWETA SHIVANAND
76.	ATAR SAMRIN ASLAM
77.	AYARE ANURADHA VITTHAL
78.	BABAR MANISHA BHAGWAN
79.	BHANGURE SAVANI ANIL
80.	BHOSALE NEHA DADASAHEB
81.	BHOSALE SAYALI RAJENDRA
82.	BIRAJDAR ROHINI RAJKUMAR
83.	BURKUL ANAGHA RAJKUMAR
84.	CHANDANSHIVE SANDHYA SANJAY
85.	DALAVE DNYANESHWARI APPARAO
86.	DHOTRE SEJAL DNYANESHWAR
87.	DIVASE SHRADDHA PRAKASH
88.	DOKE ADITI ARUN
89.	DOKE VAISHNAVI PANDURANG
90.	GAME RUPALI SUDHAKAR
91.	GHANTE ANKITA SANTOSH
92.	GUND SWAPNALI SOMANATH
93.	KADAM VAIBHAVI DNYANESHWAR
94.	KALE DISHA RAMCHANDRA
95.	KARANDE RUTUJA SOPAN
96.	KASTURE PRATIKSHA YOGIRAJ
97.	KHADE PRAJAKTA MACHHINDRA
98.	KHAMBALE PRANALI SUBHASH
99.	KHANDEKAR DIPALI SANJAY
100.	KHANDEKAR URMILA RAMCHANDRA
101.	KHOBARE BHAVANA VIJAYKUMAR
102.	KORALE PRAJAKTA SHANKAR
103.	KOTE PRIYANKA JAKARAYA
104.	KSHIRSAGAR SRUSHTI ANIL
105.	LOHOKARE SHRUTI VILAS
106.	MALAWADE SANSKRUTI SANTOSH

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107	METKARI SHOBHA SOPAN
108.	MULANI ALFIYA ASLAM
109.	NAVATRE PRANALI DATTARAY
110.	PANADI ANURADHA UMESH
111.	PATIL GAYATRI VIJAY
112.	POTDAR ARCHANA KISHOR
113.	PUJARI SNEHAL TANAJI
114.	RAUT TANUJA SHANKAR
115.	SATPUTE GAYATRI SITARAM
116.	SHAIKH KAREEMA SADIK
117.	SHAIKH SHARMEEN NAUSHAD
118.	SHINDE SHREYA TUKARAM
119.	SURVE PRATIKSHA DATTATRAYA
120.	TAMBILE SHWETA RAJESH
121.	VIBHUTE DIPUJA DINESH
122.	VIBHUTE HARSHAL HEMANT
123.	WAGHMARE SHUBHANGI BHARAT
124.	AHERKAR PRADIP DNYANESHWAR
125.	ALLOLI SUMIT SUNIL
126.	BABAR KIRAN BHAGAVAT
127.	CHAVARE ATHARV ATMARAM
128.	GAIKWAD AJAY BALASAHEB
129.	GAPATE NILESH NAGNNATH
130.	GAVALI PRUTHVIRAJ MANOJKUMAR
131.	GODAGE SAURABH NAGNATH
132.	HADMODE ATHARV VIKAS
133.	HOLLA ADITYA VISHNUMURTHY
134.	INGALE DHANRAJ PRAMOD
135.	IRAKAR DNYANESHWAR APPASO
136.	JADHAV ONKAR MILIND
137.	KADE SAMARTH NAVNATH
138.	LANDAGE PRADIP BIRAJI
139.	LANGOTE TANAJI PANDHARINATH
140.	LOKHANDE PRADIPKUMAR BALASAHEB
141.	MALI AVINASH BABASAHEB
142.	MOHOLKAR ABHISHEK RATNAKAR
143.	MORE ABHISHEK RUPESH
144.	NIROLI SAMARTH PRAKASH
145.	RAUT SAIRAJ PRAVIN
146.	TALEKAR MUKUND MARUTI
147.	TAMBAVE VAIBHAV KAILAS
148.	THITE SHUBHAM NETAJI
149.	YADAV NISHANT BALIRAM

(Prof. S. A. Atole)
Program Coordinator

(Dr. Ms M.M Pawar)
Head, E&TC. Engg. Dept.

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

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Shri Vithal Education & Research Institute's
COLLEGE OF ENGINEERING, PANDHARPUR
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Department Of Electronics And Telecommunication Engineering

List of Students Enrolled for Certificate Course on "C & C++ Programming Aptitude"

Duration: 29-08-2022 to 8-09-2022

Attendance Sheet

Roll No.	Name of Student	29/08/2022		30/08/2022		31/08/2022		01/09/2022		02/09/2022	
		M	E	M	E	M	E	M	E	M	E
1.	Monika Vitthal Bhosale										
2.	Sanika Malhari Chandgude										
3.	prajakta jivandhar daingade										
4.	Shweta Madhav Dalavi										
5.	Aafroja Shakil Devale										
6.	Komal Vitthal Dhekale										
7.	Divya Sunil Ghadage										
8.	Prachi Prashant Ghodake										
9.	Pooja Iranna Ghode										
10.	Gholap Rutuja Devidas										
11.	Vidyarani Sanjay Ghule										
12.	Sakshi Gopal Gourwar										
13.	Aishwarya Shivaji Hanpude										
14.	Snehal hindurao Ingavale Deshmukh										
15.	Arya vasant Jagtap										
16.	Ashwini Dilip kadam										
17.	Alfiya Rafik Khatib										
18.	khupase prajakta navnath										
19.	Kshirsagar Sanika Siddharam										
20.	Trupti Govind Ligade										
21.	Aarya Atul Lotake										

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		M	E	M	E	M	E	M	E	M	E
24	Shweta Nagnath Nashte										
25	Amruta Khanderao Patil										
26	Vaishanavi Santosh Patil										
27	Anuradha Jayant Pawar										
28	Rutika Mansing Pawar										
29	sakshi sanjay pawar										
30	Riddhi Vitthal phule										
31	Rohini Shrihari Shinde										
32	Utkarsha Mahesh Shinde										
33	Ishwari chandrashekhar takankar										
34	Tanvi Santosh Tayawade										
35	Shinde Pratiksha shivaji										
36	Vyavahare Dhanshri Rajkumar										
37	Rohini Gajanan Vyavahare										
38	Bobade Rushikesh Balasaheb										
39	Bhosale Shivkumar Satish										
41	Prathmesh Arjun Chougule										
42	Dandage Ganesh Laxman										
43	Devkate Nikhil Appasaheb										
44	Dhawre Piyush Suresh										
45	Dhotre Saurabh Sanjay										
46	Gavali Sagar Bharat										
47	Haname Aditya Pramod										
48	Jagtap Ritesh Ramesh										

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16.	Ashwini Dilip kadam										
17.	Alfiya Rafik Khatib										
18.	khupase prajakta navnath	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
19.	Kshirsagar Sanika Siddharam										
20.	Trupti Govind Ligade										
21.	Aarya Atul Lotake										

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43	Devkate Nikhil Appasaheb										
44	Dhawre Piyush Suresh	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
45	Dhotre Saurabh Sanjay										
46	Gavali Sagar Bharat										
47	Haname Aditya Pramod										
48	Jagtap Ritesh Ramesh										

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49	Kagade Suraj Laxman										
50	Kale Vivek Dadarao										
51	Kalubarme Aniket Tejas	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
52	kapse kunal vishwas										
53	Lingade Karan Anil										
54	Mahankal Makarand Murlidhar										
55	Suhas Sanjay Mali										
56	Rahul Bhiva Masal	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
57	Anis Innus Mulani										
58	Nihal Khajuddin Mulani										
59	Nagarkar Harish Bhagwat										
60	Narhe Siddharth Jagdish										
61	Nikam Tushar Tukaram										
62	Patil Deepraj Rajendra										
63	Patil Pruthviraj Vivek										
64	Patil Shrinivas Sunil										
65	patil Shrishailya prakash										
66	Pawar Somnath Machindra										
67	Pujari Akshay Hemant										
68	Ramayane Omkar Jayant										
69	Aditya Tanaji Sarde										
70	Sayyad Alim Rafik										
71	*Aman Irphan Shaikh*										

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		M	E	M	E	M	E	M	E	M	E
73	shinde Aniket Suresh										
74	Shingare Mayur Mahadev										
75	Ekrar Gausmohammad Tamboli										

Mr.R.B.Pawar
Program Coordinator

/Dr.Mrs.M M Pawar
HOD ENTC

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Shri Vithal Education & Research Institute's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 34, Gopalpur - Ranjani Road, Gopalpur, Tal.: Pandharpur- 413304, Dist.: Solapur (MH)
Contact No.: 9545553888, 9545553757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
Approved by A.I.C.T.E., New Delhi and affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur
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Department Of Electronics And Telecommunication Engineering

List of Students Enrolled for Certificate Course on "C & C++ Programming Aptitude"

Duration: 29-08-2022 to 8-09-2022

Attendance Sheet

Roll No.	Name of Student	03/09/2022		04/09/2022		05/09/2022		06/09/2022		08/09/2022	
		M	E	M	E	M	E	M	E	M	E
1.	Monika Vitthal Bhosale										
2.	Sanika Malhari Chandgude										
3.	prajakta jivandhar daingade										
4.	Shweta Madhav Dalavi										
5.	Aafroja Shakil Devale										
6.	Komal Vitthal Dhekale										
7.	Divya Sunil Ghadage										
8.	Prachi Prashant Ghodake										
9.	Pooja Iranna Ghode										
10.	Gholap Rutuja Devidas										
11.	Vidyarani Sanjay Ghule										
12.	Sakshi Gopal Gourwar										
13.	Aishwarya Shivaji Hanpude										
14.	Snehal hindurao Ingavale Deshmukh										
15.	Arya vasant Jagtap										
16.	Ashwini Dilip kadam										
17.	Alfiya Rafik Khatib										
18.	khupase prajakta navnath										
19.	Kshirsagar Sanika Siddharam										
20.	Trupti Govind Ligade										
21.	Aarya Atul Lotake										

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Roll No.	Name of Student	03/09/2022		04/09/2022		05/09/2022		06/09/2022		08/09/2022	
		M	E	M	E	M	E	M	E	M	E
24	Shweta Nagnath Nashte										
25	Amruta Khanderao Patil										
26	Vaishanavi Santosh Patil										
27	Anuradha Jayant Pawar										
28	Rutika Mansing Pawar										
29	sakshi sanjay pawar										
30	Riddhi Vitthal phule										
31	Rohini Shrihari Shinde										
32	Utkarsha Mahesh Shinde										
33	Ishwari chandrashekhar takankar										
34	Tanvi Santosh Tayawade										
35	Shinde Pratiksha shivaji										
36	Vyavahare Dhanshri Rajkumar										
37	Rohini Gajanan Vyavahare										
38	Bobade Rushikesh Balasaheb										
39	Bhosale Shivkumar Satish										
41	Prathmesh Arjun Chougule										
42	Dandage Ganesh Laxman	AB	AB				AB				
43	Devkate Nikhil Appasaheb										
44	Dhawre Piyush Suresh					AB					
45	Dhotre Saurabh Sanjay										
46	Gavali Sagar Bharat										
47	Hanamе Aditya Pramod										

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		M	E	M	E	M	E	M	E	M	E
49	Kagade Suraj Laxman										
50	Kale Vivek Dadarao										
51	Kalubarme Aniket Tejas					AB					
52	kapse kunal vishwas										
53	Lingade Karan Anil										
54	Mahankal Makarand Murlidhar										
55	Suhas Sanjay Mali										
56	Rahul Bhiva Masal					AB					
57	Anis Innus Mulani										
58	Nihal Khajuddin Mulani										
59	Nagarkar Harish Bhagwat										
60	Narhe Siddharth Jagdish										
61	Nikam Tushar Tukaram										
62	Patil Deepraj Rajendra										
63	Patil Pruthviraj Vivek										
64	Patil Shrinivas Sunil										
65	patil Shrishailya prakash										
66	Pawar Somnath Machindra										
67	Pujari Akshay Hemant										
68	Ramayane Omkar Jayant										
69	Aditya Tanaji Sarde										
70	Sayyad Alim Rafik										
71	*Aman Irphan Shaikh*										

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		M	E	M	E	M	E	M	E	M	E
73	shinde Aniket Suresh										
74	Shingare Mayur Mahadev										
75	Ekrar Gausmohammad Tamboli										

M.R.B.Pawar
Program Coordinator

/Dr.Mrs.M M Pawar
HOD ENTC

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		M	E	M	E	M	E	M	E	M	E
1.	ANKALGI SHWETA SHIVANAND	Ankalgi	Ankalgi	Ankalgi	Ankalgi	Ankalgi	Ankalgi	Ankalgi	Ankalgi	Ankalgi	Ankalgi
2.	ALAT SNEHAL DATTARAJ	S.D.Alat	S.D.Alat	S.D.Alat	S.D.Alat	S.D.Alat	S.D.Alat	S.D.Alat	S.D.Alat	S.D.Alat	S.D.Alat
3.	ATAR SAMRIN ASLAM	S.A.A	S.A.A	S.A.A	S.A.A	S.A.A	S.A.A	S.A.A	S.A.A	S.A.A	S.A.A
4.	AYARE ANURADHA VITTHAL	Ayare	Ayare	Ayare	Ayare	Ayare	Ayare	Ayare	Ayare	Ayare	Ayare
5.	BHANGURE SAVANI ANIL					AB					
6.	BHOSALE SAYALI RAJENDRA				AB						
7.	BHOSALE VAISHNAVI PANDURANG				AB						
8.	BURKUL ANAGHA RAJKUMAR	Burkul	Burkul	Burkul	Burkul	Burkul	Burkul	Burkul	Burkul	Burkul	Burkul
9.	CHANDANSHIVE SANDHYA SANJAY	Sey	Sey	Sey	Sey	Sey	Sey	Sey	Sey	Sey	Sey
10.	DALAVE DNYANESHWARI APPARAO	Dalave	Dalave	Dalave	Dalave	Dalave	Dalave	Dalave	Dalave	Dalave	Dalave
11.	DHOTRE SEJAL DNYANESHWAR	S.D.Dhotre	S.D.Dhotre	S.D.Dhotre	S.D.Dhotre	S.D.Dhotre	S.D.Dhotre	S.D.Dhotre	S.D.Dhotre	S.D.Dhotre	S.D.Dhotre
12.	DIVASE SHRADDHA PRAKASH	Divase	Divase	Divase	Divase	Divase	Divase	Divase	Divase	Divase	Divase
13.	DOKE ADITI ARUN	Doke	Doke	Doke	Doke	Doke	Doke	Doke	Doke	Doke	Doke
14.	DOKE VAISHNAVI PANDURANG	Doke	Doke	Doke	Doke	Doke	Doke	Doke	Doke	Doke	Doke
15.	GAME RUPALI SUDHAKAR	Game	Game	Game	Game	Game	Game	Game	Game	Game	Game
16.	GUND SWAPNALI SOMANATH	Gund	Gund	Gund	Gund	Gund	Gund	Gund	Gund	Gund	Gund
17.	KADAM VAIBHAVI DNYANESHWAR	V.D.K	V.D.K	V.D.K	V.D.K	V.D.K	V.D.K	V.D.K	V.D.K	V.D.K	V.D.K
18.	KALE DISHA RAMCHANDRA	D.R.Kale	D.R.Kale	D.R.Kale	D.R.Kale	D.R.Kale	D.R.Kale	D.R.Kale	D.R.Kale	D.R.Kale	D.R.Kale
19.	KARANDE RUTUJA SOPAN	R.P.	R.P.	R.P.	R.P.	R.P.	R.P.	R.P.	R.P.	R.P.	R.P.
20.	KHADE PRAJAKTA MACHHINDRA	Khade	Khade	Khade	Khade	Khade	Khade	Khade	Khade	Khade	Khade
21.	KHAMBALE PRANALI SUBHASH	P.S.K	P.S.K	P.S.K	P.S.K	P.S.K	P.S.K	P.S.K	P.S.K	P.S.K	P.S.K
22.	KHANDEKAR URMILA RAMCHANDRA	Urmila	Urmila	Urmila	Urmila	Urmila	Urmila	Urmila	Urmila	Urmila	Urmila
23.	KHOBARE BHAVANA VIJAYKUMAR	Khobare	Khobare	Khobare	Khobare	Khobare	Khobare	Khobare	Khobare	Khobare	Khobare
24	KSHIRSAGAR SRUSHTI ANIL										

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		M	E	M	E	M	E	M	E	M	E
26.	LOHOKARE SHRUTI VILAS										
27.	METKARI SHOBHA SOPAN										
28.	MULANI ALFIYA ASLAM										
29.	PANADI ANURADHA UMESH										
30.	PATIL GAYATRI VIJAY										
31.	POTDAR ARCHANA KISHOR										
32.	PUJARI SNEHAL TANAJI										
33.	SHAIKH KAREEMA SADIK					AB					
34.	SHAIKH SHARMEEN NAUSHAD										
35.	SHINDE SHREYA TUKARAM										
36.	SURVE PRATIKSHA DATTATRAYA										
37.	TAMBILE SHWETA RAJESH										
38.	VIBHUTE DIPUJA DINESH										
39.	VIBHUTE HARSHAL HEMANT										
40.	WAGHMARE SHUBHANGI BHARAT										
41.	ALLOLI SUMIT SUNIL										
42.	BABAR KIRAN BHAGAVAT										
43.	CHAVARE ATHARV ATMARAM										
44.	GAIKWAD AJAY BALASAHEB										
45.	GAPATE NILESH NAGNNATH										
46.	GAVALI PRUTHVIRAJ MANOJKUMAR										
47.	GODAGE SAURABH NAGNATH										
48.	HADMODE ATHARV VIKAS				AB						
49.	HOLLA ADITYA VISHNUMURTHY										
50.	INGALE DHANRAJ PRAMOD										
51.	IRAKAR DNYANESHWAR APPASO										
52	JADHAV ONKAR MILIND										
53	Langote Tanaji										

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Roll No.	Name of Student	29/08/2022		30/08/2022		31/08/2022		01/09/2022		02/09/2022	
		M	E	M	E	M	E	M	E	M	E
53.	LANGOTE TANAJI PANDHARINATH										
54.	LOKHANDE PRADIPKUMAR BALASAHEB										
55.	MALI AVINASH BABASAHEB										
56.	MOHOLKAR ABHISHEK RATNAKAR										
57.	NIROLI SAMARTH PRAKASH										
58.	RAUT SAIRAJ PRAVIN										
59.	TALEKAR MUKUND MARUTI										
60.	TAMBAVE VAIBHAV KAILAS										
61.	THITE SHUBHAM NETAJI										

Mr.R.B.Pawar
Program Coordinator

/Dr.Mrs.M M Pawar
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Duration: 29-08-2022 to 8-09-2022

Attendance Sheet S.Y.BTech-B

Roll No.	Name of Student	03/09/2022		04/09/2022		05/08/2022		06/09/2022		08/09/2022	
		M	E	M	E	M	E	M	E	M	E
1.	ANKALGI SHWETA SHIVANAND										
2.	ALAT SNEHAL DATTARAJ										
3.	ATAR SAMRIN ASLAM										
4.	AYARE ANURADHA VITTHAL										
5.	BHANGURE SAVANI ANIL				A	B					
6.	BHOSALE SAYALI RAJENDRA										
7.	BHOSALE VAISHNAVI PANDURANG					AB					
8.	BURKUL ANAGHA RAJKUMAR										
9.	CHANDANSHIVE SANDHYA SANJAY										
10.	DALAVE DNYANESHWARI APPARAO										
11.	DHOTRE SEJAL DNYANESHWAR										
12.	DIVASE SHRADDHA PRAKASH										
13.	DOKE ADITI ARUN										
14.	DOKE VAISHNAVI PANDURANG										
15.	GAME RUPALI SUDHAKAR										
16.	GUND SWAPNALI SOMANATH										
17.	KADAM VAIBHAVI DNYANESHWAR										
18.	KALE DISHA RAMCHANDRA										
19.	KARANDE RUTUJA SOPAN										
20.	KHADE PRAJAKTA MACHHINDRA										
21.	KHAMBALE PRANALI SUBHASH										
22.	KHANDEKAR URMILA RAMCHANDRA										

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		M	E	M	E	M	E	M	E	M	E
23.	KHOBARE BHAVANA VIJAYKUMAR	Khobare	Khobare	Khobare	Khobare	Khobare	Khobare	Khobare	Khobare	Khobare	Khobare
24.	KSHIRSAGAR SRUSHTI ANIL	S.A.K	S.A.K	S.A.K	S.A.K	S.A.K	S.A.K	S.A.K	S.A.K	S.A.K	S.A.K
25.	KULKARNI SHARDA SANTOSH					AB					
26.	LOHOKARE SHRUTI VILAS										
27.	METKARI SHOBHA SOPAN										
28.	MULANI ALFIYA ASLAM										
29.	PANADI ANURADHA UMESH	A.P.	A.P.	A.P.	A.P.	A.P.	A.P.	A.P.	A.P.	A.P.	A.P.
30.	PATIL GAYATRI VIJAY										
31.	POTDAR ARCHANA KISHOR										
32.	PUJARI SNEHAL TANAJI										
33.	SHAIKH KAREEMA SADIK					AB					
34.	SHAIKH SHARMEEN NAUSHAD	S.N.S.	S.N.S.	S.N.S.	S.N.S.	S.N.S.	S.N.S.	S.N.S.	S.N.S.	S.N.S.	S.N.S.
35.	SHINDE SHREYA TUKARAM										
36.	SURVE PRATIKSHA DATTATRAYA										
37.	TAMBILE SHWETA RAJESH										
38.	VIBHUTE DIPUJA DINESH										
39.	VIBHUTE HARSHAL HEMANT										
40.	WAGHMARE SHUBHANGI BHARAT					AB					
41.	ALLOLI SUMIT SUNIL	S.S.A.	S.S.A.	S.S.A.	S.S.A.	S.S.A.	S.S.A.	S.S.A.	S.S.A.	S.S.A.	S.S.A.
42.	BABAR KIRAN BHAGAVAT	Babar	Babar	Babar	Babar	Babar	Babar	Babar	Babar	Babar	Babar
43.	CHAVARE ATHARV ATMARAM										
44.	GAIKWAD AJAY BALASAHEB										
45.	GAPATE NILESH NAGNNATH										
46.	GAVALI PRUTHVIRAJ MANOJKUMAR										

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48.	HADMODE ATHARV VIKAS					AB					
49.	HOLLA ADITYA VISHNUMURTHY										
50.	INGALE DHANRAJ PRAMOD										
51.	IRAKAR DNYANESHWAR APPASO										
52.	JADHAV ONKAR MILIND										
53.	LANGOTE TANAJI PANDHARINATH										
54.	LOKHANDE PRADIPKUMAR BALASAHEB					AB					
55.	MALI AVINASH BABASAHEB										
56.	MOHOLKAR ABHISHEK RATNAKAR										
57.	NIROLI SAMARTH PRAKASH										
58.	RAUT SAIRAJ PRAVIN										
59.	TALEKAR MUKUND MARUTI										
60.	TAMBAVE VAIBHAV KAILAS										
61.	THITE SHUBHAM NETAJI										

Mr.R.B.Pawar
Program Coordinator

/Dr.Mrs.M M Pawar
HOD ENTC

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DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Certificate Course on
C & C++ programming Aptitude
A.Y. 2022-23 SEM: I
CLASS: Second Year .B.Tech (ENTC) DIV: A & B
Course Duration:-29th August . 2022 to 08th September. 2022

Evaluation Criteria:

- **Eligibility Criterion:** A participant who will attend 75 % sessions will be eligible for Final Test.
- **Final Test:** Performance of participant will be assessed on the basis of passing in the Final Test with at least 50% marks.
- Only those participants who meet the passing standard for the assessment will be awarded the certificate.

(Prof. S. A. Atole)
Program Coordinator

(Dr. Mrs M.M Pawar)
Head, E&TC Engg. Dept.
Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

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REPORT

Department of Electronics and Telecommunication Engineering has organized Certification Course on " **C & C++ Programming Aptitude " from 29th August to 08th September 2022".** The Recourse Person for this Certificate Course was Mr.Akash Dixit. During Training, Total **149 students** were attended this course and students have cleared the Basics of C & C++, C++ Programming Aptitude and Hands on practical Sessions have been conducted on Programming Languages. Faculty Members from E&TC Department worked actively for successful completion of certificate course.

Course Outcome for this course are:

1. **Students got Knowledge on Programming.**
2. **Students Worked on coding part on Software.**

Thanking You,

Yours faithfully,

(Prof. S. A. Atole)
Program Coordinator

(Dr. Mrs.M. M Pawar)
Head, ENTC Engg. Dept.

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

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Shri vithal Education & Research Institute's

College of Engineering,Pandharpur

TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Monika Vitthal Bhosale from **SVERI's COE,Pandharpur** for successfully completing **60 hours** training program on "**C and C++ Programming Aptitude"** in Collaboration with **Global Talent Track,Pune** from **28th August 2022** to **08th September 2022.**

Mr.A.A MOTE
Training & Placement officer
SVERI's COLLEGE OF ENGINEERING

PROF.DR.B.P.RONGE
Principal
SVERI's COLLEGE OF ENGINEERING

Shri vithal Education & Research Institute's

College of Engineering,Pandharpur

TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Sanika Malhari Chandgude from **SVERI's COE,Pandharpur** for successfully completing **60 hours** training program on " **C and C++ Programming Aptitude"** in Collaboration with **Global Talent Track,Pune** from **28th August 2022** to **08th September 2022.**

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Principal
SVERI's COLLEGE OF ENGINEERING

Shri vithal Education & Research Institute's

College of Engineering,Pandharpur

TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Prajakta Jivandhar Daingade from **SVERI's COE,Pandharpur** for successfully completing **60 hours** training program on "**C and C++ Programming Aptitude"** in Collaboration with **Global Talent Track,Pune** from **28th August 2022** to **08th September 2022.**

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Shri vithal Education & Research Institute's

College of Engineering,Pandharpur

TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Shweta Madhav Dalavi from **SVERI's COE,Pandharpur** for successfully completing **60 hours** training program on "**C and C++ Programming &Aptitude"** in Collaboration with **Global Talent Track,Pune** from **28th August 2022** to **08th September 2022.**

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SVERI's COLLEGE OF ENGINEERING

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College of Engineering,Pandharpur

TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Aafroja Shakil Devale from **SVERI's COE,Pandharpur** for successfully completing **60 hours** training program on " **C and C++ Programming Aptitude"** in Collaboration with **Global Talent Track,Pune** from **28th August 2022** to **08th September 2022.**

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TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Komal Vitthal Dhekale from **SVERI's COE,Pandharpur** for successfully completing **60 hours** training program on "**C and C++ Programming Aptitude"** in Collaboration with **Global Talent Track,Pune** from **28th August 2022** to **08th September 2022.**

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Shri vithal Education & Research Institute's

College of Engineering,Pandharpur

TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Divya Sunil Ghadage from **SVERI's COE,Pandharpur** for successfully completing **60 hours** training program on "**C and C++ Programming Aptitude"** in Collaboration with **Global Talent Track,Pune** from **28th August 2022** to **08th September 2022.**

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Principal
SVERI's COLLEGE OF ENGINEERING

Shri vithal Education & Research Institute's

College of Engineering,Pandharpur

TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Prachi Prashant Ghodake from**SVERI's COE,Pandharpur** for successfully completing **60 hours** training program on " **C and C++ Programming Aptitude"** in Collaboration with **Global Talent Track,Pune** from **28th August 2022** to **08th September 2022.**

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TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Pooja Iranna Ghode from **SVERI's COE,Pandharpur** for successfully completing **60 hours** training program on "**C and C++ Programming Aptitude"** in Collaboration with **Global Talent Track,Pune** from **28th August 2022** to **08th September 2022.**

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SVERI's COLLEGE OF ENGINEERING

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College of Engineering,Pandharpur

TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Gholap Rutuja Devidas from **SVERI's COE,Pandharpur** for successfully completing **60 hours** training program on " **C and C++ Programming Aptitude"** in Collaboration with **Global Talent Track,Pune** from **28th August 2022** to **08th September 2022.**

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SVERI's COLLEGE OF ENGINEERING

PROF.DR.B.P.RONGE
Principal
SVERI's COLLEGE OF ENGINEERING

Shri vithal Education & Research Institute's

College of Engineering,Pandharpur

TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Vidyarani Sanjay Ghule from **SVERI's COE,Pandharpur** for successfully completing **60 hours** training program on " **C and C++ Programming Aptitude"** in Collaboration with **Global Talent Track,Pune** from **28th August 2022** to **08th September 2022.**

Mr.A.A MOTE
Training & Placement officer
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Principal
SVERI's COLLEGE OF ENGINEERING

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College of Engineering,Pandharpur

TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Sakshi Gopal Gourwar from **SVERI's COE,Pandharpur** for successfully completing **60 hours** training program on "**C and C++ Programming Aptitude"** in Collaboration with **Global Talent Track,Pune** from **28th August 2022** to **08th September 2022.**

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SVERI's COLLEGE OF ENGINEERING

Shri vithal Education & Research Institute's

College of Engineering,Pandharpur

TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Aishwarya Shivaji Hanpude from **SVERI's COE,Pandharpur** for successfully completing **60 hours** training program on "**C and C++ Programming Aptitude"** in Collaboration with **Global Talent Track,Pune** from **28th August 2022** to **08th September 2022.**

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TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Snehal Hindurao Ingavale Deshmukh from **SVERI's COE,Pandharpur** for successfully completing **60 hours** training program on " **C and C++ Programming Aptitude"** in Collaboration with **Global Talent Track,Pune** from **28th August 2022** to **08th September 2022.**

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Principal
SVERI's COLLEGE OF ENGINEERING

Shri vithal Education & Research Institute's

College of Engineering,Pandharpur

TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Arya vasant Jagtap from **SVERI's COE,Pandharpur** for successfully completing **60 hours** training program on "**C and C++ Programming&Aptitude"** in Collaboration with **Global Talent Track,Pune** from **28th August 2022** to **08th September 2022.**

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Principal
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College of Engineering,Pandharpur

TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Ashwini Dilip kadam from **SVERI's COE,Pandharpur** for successfully completing **60 hours** training program on "**C and C++ Programming Aptitude"** in Collaboration with **Global Talent Track,Pune** from **28th August 2022** to **08th September 2022.**

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TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Alfiya Rafik Khatib from **SVERI's COE,Pandharpur** for successfully completing **60 hours** training program on "**C and C++ Programming Aptitude"** in Collaboration with **Global Talent Track,Pune** from **28th August 2022** to **08th September 2022.**

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College of Engineering,Pandharpur

TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Kshirsagar Sanika Siddharam from **SVERI's COE,Pandharpur** for successfully completing **60 hours** training program on "**C and C++ Programming Aptitude"** in Collaboration with **Global Talent Track,Pune** from **28th August 2022** to **08th September 2022.**

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Training & Placement officer
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Principal
SVERI's COLLEGE OF ENGINEERING

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College of Engineering,Pandharpur

TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Trupti Govind Ligade from **SVERI's COE,Pandharpur** for successfully completing **60 hours** training program on "**C and C++ Programming Aptitude"** in Collaboration with **Global Talent Track,Pune** from **28th August 2022** to **08th September 2022.**

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Principal
SVERI's COLLEGE OF ENGINEERING

Shri vithal Education & Research Institute's

College of Engineering,Pandharpur

TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Aarya Atul Lotake from **SVERI's COE,Pandharpur** for successfully completing **60 hours** training program on "**C and C++ Programming Aptitude"** in Collaboration with **Global Talent Track,Pune** from **28th August 2022** to **08th September 2022.**

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PROF.DR.B.P.RONGE
Principal
SVERI's COLLEGE OF ENGINEERING

SVERI's
College of Engineering, Pandharpur

Electronics & Telecommunication Engineering

Certificate Course
on

C & C++ Programming

Duration-25th July 2022 to 05th August, 2022

Class: Final Year B.Tech

A.Y.: 2022-2023

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COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , NAAC, Accredited Institute,
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

Date: 24/07/2022

Department of Electronics & Telecommunication Engineering

NOTICE

All the students of Final Year. B. Tech. (E&TC Engineering) are informed to note that, it is compulsory for students of Final Year. B. Tech. to complete Add-on course for A.Y.2022-2023. Accordingly, Department of E&TC Engineering has organized **Add on Course** on **'C & C++ Programming'** from **25th July 2022 to 05th August 2022**.

Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination.

All the concerned should take note and act accordingly.

(Prof. M. A. Deshmukh)
Program Coordinator

(Dr. Mrs M.M Pawar)
Head, E&TC. Engg. Dept.

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

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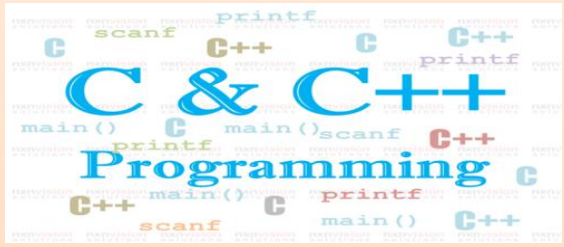
CONTACT US

1. Mr.M A Deshmukh
   (9970277150)
2. Mr.J S Hallur
   (9975090344)
3. Ms. M S Biswas
   (9366718199)
4. Dr. M M Pawar
   (9518930034)
5. Mr. R B Pawar
   (9665227585)

Academic Year: 2022-23

Duration

25th July to 05th August 2022



Training On

"C & C++ Programming"

Recent years have witnessed a great deal of interest from both academia and industry in the field of antenna. In fact, this research topic tops the pyramid of research priorities requested by many national research agencies. So our department is providing the services for those researchers who are working in this field. Department is having Microwave Engineering Laboratory with well-equipped facilities. This is a good opportunity for researchers who are working on antenna to take benefit of this lab.

RESOURCE PERSON

Mr.Shashank Deshpande

Lemonade Software Developers

Solapur

SVERI'S COLLEGE OF ENGINEERING PANDHARPUR

Department of Electronics and Telecommunication

Accredited by NAAC A+, NBA & Institute of Engineers (India)

Approved by A.I.C.T.E., New Delhi and Affiliated to P.A.H. Solapur University, Solapur, P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Pandharpur- 413 304, District: Solapur (Maharashtra)

Email Id: coe@sveri.ac.in

ABOUT US

Pandharpur is well known holy place where Lord Shri Vithal Temple is located on bank of the river Chandrabhaga. It is recognized as spiritual capital of Maharashtra and popularly known as "South Kashi" of India. Shri Vithal Education and Research Institute (SVERI), a charitable trust formed by devoted technocrats, established its first Project, the SVERI's College of Engineering, Pandharpur in 1998. The Department of Electronics & Telecommunication Engineering was established in the year 1998. The department has 27 Qualified and Dedicated Faculty Members with the specialization with various areas. Department of E&TC have UG (Intake-120), PG (Intake-18) and Ph.D. programs. Department has 10 well equipped labs.

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
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Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

Ref. No.: COEPR/E&TC/2022-2023 Date:-20/07/2022

OFFICE ORDER

As per the Instruction from Head of the Department, following committee has been constituted for Design and Development of Curriculum for **Add on Course 'C & C++ Programming'** for Final Year. B.Tech. (E&TC Engineering) Semester-I of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Mr. Shashank Deshpande	Resource Person
2.	Prof. M. A. Deshmukh	Member
3.	Prof. M.S. Biswas	Member

The above members are requested to design the curriculum for the said Add on Course and submit final copy of the curriculum to the undersigned on or before 23/07/2022.

Please take a note of the same and act accordingly.

(Dr. Mrs.M.M Pawar)
Head, E&TC. Engg. Dept.

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

Copy to:
1. Mr. Shashank Deshpande
2. Prof. M. A. Deshmukh
3. Prof. M.S. Biswas
4. Principal
5. Dean Academics
6. Registrar
7. Office copy

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C & C++ Programming Syllabus

Section 1 - Templates

- Template Functions and Classes
  - Instantiation
  - Overloading
  - Specialization
- Working with Templates
  - Member Templates
  - Using export
- STL (Standard Template Library)
  - Containers and Iterators
  - Algorithms

Section 2 - Exception Handling

- Using Exceptions
  - Exception Formats
  - Exception Specifications
  - Unexpected Exceptions
  - Uncaught Exceptions
- Designing with Exceptions
  - Exception Hierarchies
  - Discrimination
  - Using auto_ptr
  - Exceptions thrown from Constructors
  - Exceptions thrown from Destructors
  - Resource Management

Section 3 - Class Design

- Class Design Topics
  - Mutable Data Members
  - Using explicit with Constructors
  - Member Initialization
- Class Design Boilerplate
  - Copy Initialization and Assignment
  - Modifiers and Selectors
  - Clone Functions
- Composite Templates

Section 4 - Object Storage Management

- New and Delete Formats
  - Nothrow Operator new
  - Placement Formats
  - Explicit Destructor Calls
- Class Specific New and Delete
  - Overriding Global Operators
  - Memory Pools

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- Reference Counts
  - Design Approach
  - Implementation
  - Copy-on-writes
  - Modifying Existing Classes

Section 5 - RTTI (Run Time Type Identification)

- Why RTTI?
  - Implications for Class Library Design
  - Controlling Object Behaviors
- RTTI Operators
  - dynamic_cast
  - typeid
  - type_info Class
  -

Section 6 - Multiple Inheritance

- Design Concepts
  - Member Initialization
  - Ambiguities
- Multiple Inheritance Patterns
  - Distinct Bases
  - Multiple Inclusion
  - Virtual Bases
  -

Section 7 - Working with C++

- Namespaces
  - Namespace Definitions
  - Unnamed Namespaces
  - Using Directives
  - Using Declarations
  - Namespace Aliases
- C++ Techniques
  - Objects as Return Values
  - Eliminating Temporaries
  - Virtual Constructors
  - Smart Pointers
  - Lvalue and Rvalue Separation

(Prof. M. A. Deshmukh)
Program Coordinator

(Dr. Mrs.M. M Pawar)
Head, ENTC Engg. Dept.

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pan...

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Schedule for Certificate course on C & C++ Programming

Day wise Schedule from 25/07/2022 to 05/08/2022

Sr. No.	Day & Date	Time	Contents
1	Monday 25/07/2022	11.0 m to 1.00 pm	Template Functions and Classes Instantiation, Overloading, Specialization
2	Tuesday 26/07/2022	2.0 m to 5.00 pm	STL (Standard Template Library),Containers and Iterators, Algorithms
3	Wednesday 27/07/2022	11.00 am to 1.00 pm	Exception Formats, Exception Specifications Unexpected Exceptions, Uncaught Exceptions
4	Thursday 28/07/2022	2.00 pm to 5.00 pm	Practical Session
5	Friday 29/07/2022	11.0 m to 1.00 pm	Class Design Topics, Mutable Data Members, Using explicit with Constructors, Member Initialization
6	Saturday 30/07/2022	2.0 m to 5.00 pm	Class Design Boilerplate, Copy Initialization and Assignment, Modifiers and Selectors, Clone Functions
7	Sunday 31/07/2022	11.00 am to 1.00 pm	New and Delete Formats, Nothrow Operator new Placement Formats, Explicit Destructor Calls
8	Monday 01/08/2022	2.0 m to 5.00 pm	Design Approach, Implementation, Copy-on-writes Modifying Existing Classes
9	Tuesday 02/08/2022	11.0 m to 1.00 pm	Working with C++, Namespace Definitions Unnamed Namespaces, Using Directives Using Declarations, Namespace Aliases
10	Wednesday 03/08/2022	2.00 pm to 5.00 pm	Practical Session
11	Thursday 04/08/2022	11.0 m to 1.00 pm	C++ Techniques, Objects as Return Values, Eliminating Temporaries, Virtual Constructors, Smart Pointers L-value and R-value Separation
		2.00 pm to 5.00 pm	Practical Session
12	Friday 05/08/2022	11.00 am to 1.00 pm	Implications for Class Library Design Controlling Object Behaviors
		2.00 pm to5.00 pm	Practical Session
		11.00 am to 1.00 pm	dynamic_cast typed type_info Class
		2.00 pm to 5.00 pm	Practical Session

(Prof. M. A. Deshmukh)
Program Coordinator

(Dr. Mrs.M. M Pawar)
Head, ENTC Engg. Dept.

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

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Department of Electronics And Telecommunication Engineering
List of Students Enrolled for Certificate Course on 'C & C++ Programming'
Duration: 25-07-2022 to 05-08-2022
Roll Call List

Sr.No	Name of Student
1.	Atkale Shivani Ramdas
2.	Bandgar Aarti Kishor
3.	Bansode Ankita Annasaheb
4.	Bhinge Srushti Rajendra
5.	Chavan Vaishnavi Sudhir
6.	Deshmukh Vaishnavi S
7.	Devdikar Janhavi Ajit
8.	Dhekane Rutuja Hanumant
9.	Jadhav Akanksha Anil
10.	Joshi Gayatri Jayawant
11.	Lendave Sayali Shivaji
12.	Mali Samruddhi Suresh
13.	Nikam Sonal Arun
14.	Patane Aishwarya Ravsaheb
15.	Patil Aditi Devidas
16.	Patil Meenakashi Bramhanand
17.	Phalphale Madhura Sunil
18.	Rasal Swati Arvind
19.	Sawant Kajal Tukaram
20.	Shinde Chaitali Vikram
21.	Sonar Trupti Govind
22.	Swami Himani Anand
23.	Thorat Komal Satyawan
24.	Yadav Pratiksha Ashok
25.	Badake Shubham Satish
26.	Bhosale Vishvatej Hanumant
27.	Deshmukh Mahesh Sunil
28.	Fulpati Shrinath Ashok
29.	Gaikwad Sumedh Sanjaykumar
30.	Gophane Amol Mahadev
31.	Karande Sunil Shamrao
32.	Kashid Aditya Bibhishan
33.	Kashid Laxman Dadasaheb
34.	Katare Aniket Suhas
35.	Kavade Ganesh Dadarao
36.	Kharat Pranav Madhav
37.	Koli Krishna Mahadev
38.	Langote Aniket Sunil
39.	Mali Ruturaj Anil
40.	Masal Vaibhav Chandrakant
41.	Narsale Sudarshan Balasaheb
42.	Nimbalkar Shivraj Narayan
43.	Pawar Suhas Sanjay
44.	Pol Rushikesh Uttam

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48.	Thorat Sagar Navnath
49.	Umbarkar Shripad Nishikant
50.	Waghmode Pratyush Dinesh
51.	Zingade Omkar Ankush
52.	Sathe Abhishek Jaysing
53.	Arekar Shivani Hanumant
54.	Babar Megha Dinkar
55.	Bhadrashetti Sanjana Shrishail
56.	Bhandare Rohini Baban
57.	Bharama Sakshitai Shivsharan
58.	Das Dnyneshwari Balasaheb
59.	Devkule Aishwarya Appa
60.	Gaddam Shefali Ajay
61.	Jagdale Srishti Satyawan
62.	Jagtap Rohini Nagnath
63.	Kambale Prajakta Pramod
64.	Kate Sonali Sunil
65.	Kote Supriya Jakappa
66.	Kulkarni Shreya Dipak
67.	Lendave Priyanka Balaso
68.	Lokare Amruta Rajabhau
69.	Lokhande Pooja Krushna
70.	Lokhande Smita Uttareshwar
71.	Mane Rutuja Suryakant
72.	Mhamane Minal Shrikant
73.	More Ashvini Dhanaji
74.	Muluk Roopam Revannath
75.	Nagargoje Vaishali Kundlik
76.	Nipase Shweta Rajabhau
77.	Ronge Pratiksha Raghunath
78.	Shelake Rutuja Sanjay
79.	Suryawanshi Pratibha Prasad
80.	Swami Vaishnavi Vidyadhar
81.	Unhale Saguna Ashok
82.	Walke Vaishnavi Digmbar
83.	Bhosale Vijay Maruti
84.	Bhosale Nikhil Madhukar
85.	Chabukswar Amar Shrishail
86.	Chavan Audumbar Kanifnath
87.	Ghadage Ramvijay Popatrao
88.	Kale Sandesh Subhash
89.	Madgyal Omkar Ashok
90.	Parbat Shubham Navnath
91.	Patil Sagar Ashok
92.	Patil Shubham Mahadeo
93.	Rajput Rahul Laxmansing
94.	Sarvade Prabhu Ambadas
95.	Savant Sagar Kalyandas
96.	Shripuram Mahendra Madhu
97.	Shriram Murlikrishna Sanjeev
98.	Umate Suhas Shirish
99.	Waghmode Pratik Balbhim
100.	Kumbhar Seema Ramdas

(Prof. M. A. Deshmukh)
Program Coordinator

(Dr. Mrs.M. M Pawar)
Head, ENTC Engg. Dept.

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

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Training & Placement Office

Campus Recruitment Training Phase-II (July-August _ 2022)

Electronics & Telecommunication Engineering

Sr. No	Name of Student	25-07-20 1st	2nd	1st	2nd	1st	2nd	28/7 1st	2nd	29/7 1st	2nd	30/7
1	Atkale Shivani Ramdas	1	2	3	Atkale	5	Atkale	Atkale	Atkale	Atkale	Atkale	Atkale
2	Bandgar Aarti Kishor	AB	AB	AB	AB	AB	AB	AB	Aarti	Aarti	Aarti	Aarti
3	Bansode Ankita Annasaheb	1	2	3	Bansode	5	Bansode	Bansode	Bansode	Bansode	Bansode	Bansode
4	Bhinge Srushti Rajendra	AB	AB	AB	Bhinge	AB	AB	AB	AB	AB	AB	
5	Chavan Vaishnavi Sudhir	1	2	3	Chavan	5	Chavan	AB	Chavan	Chavan	Chavan	Chavan
6	Deshmukh Vaishnavi Sharadkumar	1	2	3	Deshmukh	5	Deshmukh	Deshmukh	Deshmukh	Deshmukh	DVS	DVS
7	Devdikar Janhavi Ajit	1	2	AB	AB	3	J.A.Padlika	AB	J.A.Padlika	J.A.Padlika	J.A.Padlika	J.A.Padlika
8	Dhekane Rutuja Hanumant	1	2	3	Dhekane	5	Dhekane	Dhekane	AB	Dhekane	Dhekane	Dhekane
9	Jadhav Akanksha Anil	1	2	3	Jadhav	5	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
10	Joshi Gayatri Jayawant	AB	1	2	Joshi	5	Joshi	Joshi	Joshi	Joshi	Joshi	Joshi
11	Lendave Sayali Shivaji	1	2	3	Lendave	5	Lendave	Lendave	Lendave	Lendave	Lendave	Lendave
12	Mali Samruddhi Suresh	1	2	3	Mali	5	Mali	AB	Mali	Mali	Mali	Mali
13	Nikam Sonal Arun	1	2	3	AB	4	Sonal	Sonal	Sonal	Sonal	Sonal	Sonal
14	Patane Aishwarya Ravsaheb	1	2	3	Awi	5	Awi	Awi	Awi	Awi	Awi	Awi
15	Patil Aditi Devidas	1	2	3	Aditi	5	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi
16	Patil Meenakashi Bramhanand	1	2	3	minakshi	5	minakshi	minakshi	minakshi	minakshi	minakshi	minakshi
17	Phalphale Madhura Sunil	1	2	3	Phalphale	5	Phalphale	Phalphale	Phalphale	Phalphale	Phalphale	Phalphale
18	Rasal Swati Arvind	1	2	3	S.A.Rasal	5	S.A.Rasal	S.A.Rasal	S.A.Rasal	S.A.Rasal	S.A.Rasal	S.A.Rasal
19	Sawant Kajal Tukaram	AB	AB	AB	AB	1	Sawant	Sawant	Sawant	Sawant	Sawant	Sawant
20	Shinde Chaitali Vikram	1	2	3	Shinde	5	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde
21	Sonar Trupti Govind	1	2	3	Sonar	5	Sonar	Sonar	Sonar	Sonar	Sonar	Sonar
22	Swami Himani Anand	1	2	3	Swami	5	AB	AB	AB	AB	AB	AB
23	Thorat Komal Satyawan	1	2	3	Thorat	4	Komal	Komal	Komal	Komal	Komal	Komal
24	Yadav Pratiksha Ashok	1	2	3	PAYadav	5	PAYadav	PAYadav	PAYadav	PAYadav	PAYadav	PAYadav
25	Badake Shubham Satish	1	2	3	Badake	5	Badake	Badake	Badake	Badake	Badake	Badake
26	Bhosale Vishvatej Hanumant	1	2	3	Bhosale	5	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale
27	Deshmukh Mahesh Sunil	1	2	3	AB	5	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	AB
28	Fulpati Shrinath Ashok	1	2	3	Fulpati	5	Shrinath	Shrinath	AB	AB	Shrinath	Shrinath
29	Gaikwad Sumedh Sanjaykumar	1	AB	3	AB	3	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad
30	Gophane Amol Mahadev	1	2	3	Gophane	5	Gophane	Gophane	Gophane	Gophane	AB	Gophane

Training & Placement Office
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.o	Name of Student	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	
		1st	2nd	2817		2717	2817	2817		2917		3017.		
31	Karande Sunil Shamrao	AB	2	3		5								
32	Kashid Aditya Bibhishan	1	2	3		5								
33	Kashid Laxman Dadasaheb	1	2	3		5								
34	Katare Aniket Suhas	AB	AB	AB	AB	AB			AB	AB				
35	Kavade Ganesh Dadarao	1	2	3		5			AB					
36	Kharat Pranav Madhav	1	2	3		5								
37	Koli Krishna Mahadev	1	2	3		5								
38	Langote Aniket Sunil	AB	AB	1	AB	AB	AB	AB	AB	AB				
39	Mali Ruturaj Anil	1	2	3		5								
40	Masal Vaibhav Chandrakant	AB	AB	1		3								
41	Narsale Sudarshan Balasaheb	1	2	3		5								
42	Nimbalkar Shivraj Narayan	1	2	3		5								
43	Pawar Suhas Sanjay	1	2	3		5			AB					
44	Pol Rushikesh Uttam	1	2	3		5								
45	Rupanar Ganesh Nilappa	1	2	AB	AB	3				AB	AB			
46	Sherkhane Shubham Atul	AB	AB	3 1	AB	0								
47	Surwase Sudarshan Shatrughan	AB	AB	AB	AB	AB	AB		AB	AB	AB			
48	Thorat Sagar Navnath	1	2	3		5			AB					
49	Umbarkar Shripad Nishikant	AB	AB	1		5			AB					
50	Waghmode Pratyush Dinesh	AB	AB	AB	AB	AB	AB							
51	Zingade Omkar Ankush	AB	AB	AB	AB	2								
52	Sothe Abhishek Joysing.	1	2	3		5			AB					

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Sr. No	Name of Student											
1	Atkale Shivani Ramdas											
2	Bandgar Aarti Kishor		AB	AB	AB							
3	Bansode Ankita Annasaheb											
4	Bhinge Srushti Rajendra	AB	AB	AB	AB	AB						
5	Chavan Vaishnavi Sudhir											
6	Deshmukh Vaishnavi Sharadkumar	DVS.	DVS.	DVS.	DVS.	DVS.	DVS.	DVS.	DVS.			
7	Devdikar Janhavi Ajit		AB	AB		AB						
8	Dhekane Rutuja Hanumant		AB									
9	Jadhav Akanksha Anil											
10	Joshi Gayatri Jayawant		AB									
11	Lendave Sayali Shivaji											
12	Mali Samruddhi Suresh		AB	AB								
13	Nikam Sonal Arun											
14	Patane Aishwarya Ravsaheb											
15	Patil Aditi Devidas											
16	Patil Meenakshi Bramhanand			AB								
17	Phalphale Madhura Sunil											
18	Rasal Swati Arvind											
19	Sawant Kajal Tukaram											
20	Shinde Chaitali Vikram											
21	Sonar Trupti Govind											
22	Swami Himani Anand		AB	AB								
23	Thorat Komal Satyawan											
24	Yadav Pratiksha Ashok											
25	Badake Shubham Satish											
26	Bhosale Vishvatej Hanumant											
27	Deshmukh Mahesh Sunil											
28	Fulpati Shrinath Ashok											
29	Gaikwad Sumedh Sanjaykumar											
30	Gophane Amol Mahadev											

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		30/7	31/07		2/8		3/8		4/8		5/8	
	...me of Student	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd
	Karande Sunil Shamrao											
32	Kashid Aditya Bibhishan											
33	Kashid Laxman Dadasaheb											
34	Katare Aniket Suhas										AB	AB
35	Kavade Ganesh Dadarao											
36	Kharat Pranav Madhav								AB			
37	Koli Krishna Mahadev											
38	Langote Aniket Sunil				AB	AB	AB	AB	AB	AB	AB	
39	Mali Ruturaj Anil											
40	Masal Vaibhav Chandrakant	AB						AB		AB		AB
41	Narsale Sudarshan Balasaheb				AB	AB			AB			
42	Nimbalkar Shivraj Narayan											
43	Pawar Suhas Sanjay								AB			
44	Pol Rushikesh Uttam	AB										
45	Rupanar Ganesh Nilappa	AB	AB	AB	AB	AB			AB	AB	AB	
46	Sherkhane Shubham Atul								AB			A
47	Surwase Sudarshan Shatrughan	AB	AB	AB	AB	AB			AB	AB	AB	
48	Thorat Sagar Navnath		AB									
49	Umbarkar Shripad Nishikant								AB			
50	Waghmode Pratyush Dinesh	AB										
51	Zingade Omkar Ankush				AB	AB						
52	Sothe Abhishek Joysing								AB			

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Electronics & Telecommunication Engineering

Sr. No	Name of Student	25-07 1st	25-07 2nd	26/7 1st	27/7 2nd	28/7 1st	28/7 2nd	29/7 1st	29/7 2nd	29/7 1st	29/7 2nd	30/07
1	Arekar Shivani Hanumant	1	2	3	Arekar	5	Arekar	Arekar	Arekar	Arekar	Arekar	Arekar
2	Babar Megha Dinkar	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
3	Bhadrashetti Sanjana Shrishail	AB	AB	AB	AB	AB	AB	AB	AB	SB	SB	AB
4	Bhandare Rohini Baban	1	2	3	AB	4	Rohini	AB	Rohini	Rohini	Rohini	Rohini
5	Bharama Sakshitai Shivsharan	AB	1	2	Bharama	4	Bharama	Bharama	Bharama	Bharama	Bharama	Bharama
6	Das Dnyaneshwari Balasaheb	AB	AB	1	Das	AB	Das	AB	AB	Das	Das	Das
7	Devkule Aishwarya Appa	1	2	3	DevkuleAA	AB	AB	Devkule	Devkule	Devkule	DevkuleA	DevkuleAA
8	Gaddam Shefali Ajay	1	AB	2	Shefali	4	Shefali	Shefali	Shefali	Shefali	Shefali	Shefali
9	Jagdale Srishti Satyawan	1	2	3	Jagdale	AB	Jagdale	Jagdale	Jagdale	Jagdale	Jagdale	Jagdale
10	Jagtap Rohini Nagnath	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
11	Kambale Prajakta Pramod	1	2	3	Kambale	5	Kambale	Kambale	Kambale	Kambale	Kambale	Kambale
12	Kate Sonali Sunil	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
13	Kote Supriya Jakappa	AB	AB	1	Kote	3	Kote	Kote	Kote	Kote	Kote	AB
14	Kulkarni Shreya Dipak	1	2	3	S.D.Kulkarni	5	S.D.Kulkarni	S.D.Kulkarni	S.D.Kulkarni	S.D.Kulkarni	S.D.Kulkarni	S.D.Kulkarni
15	Lendave Priyanka Balaso	1	2	3	PBL	5	PBL	AB	AB	PBL	PBL	PBL
16	Lokare Amruta Rajabhau	1	2	3	AB	AB	APL	APL	APL	APL	APL	APL
17	Lokhande Pooja Krushna	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
18	Lokhande Smita Uttareshwar	AB	AB	AB	AB	1	Smita	Smita	Smita	Smita	Smita	Smita
19	Mane Rutuja Suryakant	AB	AB	AB	Rutuja	2	Rutuja	AB	AB	AB	Rutuja	AB
20	Mhamane Minal Shrikant	1	2	AB	AB	3	Mhamane	Mhamane	Mhamane	Mhamane	Mhamane	AB
21	More Ashwini Dhanaji	1	2	3	MoreAB	5	MoreAB	MoreAB	MoreAB	MoreAB	MoreAB	MoreAB
22	Muluk Roopam Revannath	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
23	Nagargoje Vaishali Kundlik	AB	AB	AB	AB	AB	AB	Vaisholi	Vaisholi	Vaisholi	Vaisholi	Vaisholi
24	Nipase Shweta Rajabhau	AB	AB	1	Nipase	3	Nipase	AB	Nipase	Nipase	Nipase	Nipase
25	Ronge Pratiksha Raghunath	1	2	3	RongePR	5	RongePR	RongePR	RongePR	RongePR	RongePR	RongePR
26	Sanadi Ankita Suresh	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
27	Shelake Rutuja Sanjay	1	2	3	Rutuja	5	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja
28	Suryawanshi Pratibha Prasad	AB	AB	AB	AB	1						

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Sr. No	Name of Student	26/7 1st	2nd	27/7 1st	2nd	27/7 1st	2nd	28/7 1st	2nd	29/7 1st	2nd	30/7 1st
29	Unhale Saguna Ashok	AB	AB	AB		2			AB			
30	Walke Vaishnavi Digmbar	AB	AB	1	AB	AB	AB	AB	AB	AB	AB	AB
31	Bhosale Vijay Maruti	AB	AB	AB		2			AB	AB	AB	AB
32	Bhosale Nikhil Madhukar	AB	AB	AB		1			AB	AB	AB	AB
33	Chabukswar Amar Shrishail	AB	AB	AB	AB	AB			AB	AB	AB	AB
34	Chavan Audumbar Kanifnath	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
35	Ghadage Ramvijay Popatrao	AB	AB	1	2	5						
36	Kale Sandesh Subhash	AB	AB	AB	AB	2						
37	Madgval Omkar Ashok	AB	AB	AB	AB	1						
38	Rajput Rahul Laxmansing	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
39	Sarvade Prabhu Ambadas	AB	AB	1		3			AB			
40	~~Sathe Abhishek Jaysing~~	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
41	Savant Sagar Kalyandas	AB	AB	1		3			AB			
42	Shripuram Mahendra Madhu	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
43	Umate Suhas Shirish	AB	AB	AB		1			AB			
44	Waghmode Pratik Balbhim	AB	AB	1		5			AB			
45	Murlikrishna. Sanjeev shriram	1	2	AB		3			AB			
46	Parbat Shubham Navnath	AB	1	2		3			AB			
47	Kumbhar Seema	AB	AB	AB	AB	1			AB	AB	AB	AB

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Electronics & Telecommunication Engineering

Sr. No	Name of Student	2017 1st	2017 2nd	3rd 1st	3rd 2nd	4th 1st	4th 2nd	5th 1st	5th 2nd	6th 1st	6th 2nd	7th 1st	7th 2nd	
1	Arekar Shivani Hanumant	Arekar	Arekar	Arekar	Arekar	Arekar	Arekar	Arekar	Arekar	Arekar	Arekar	Arekar	Arekar	
2	Babar Megha Dinkar	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	
3	Bhadrashetti Sanjana Shrishail	AB	SSB	SSB	SSB	SSB	SSB	SSB	SSB	AB	SSB	SSB	AB	A
4	Bhandare Rohini Baban	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	AB	Rohini	Rohini	Rohini	Rohini	AB	
5	Bharama Sakshitai Shivsharan	Bharama	Bharama	Bharama	Bharama	Bharama	Bharama	Bharama	Bharama	Bharama	Bharama	Bharama	Bharama	
6	Das Dnyaneshwari Balasaheb	Das.D.B	Das.D.B	Das.D.B	Das.D.B	Das.D.B	AB	AB	AB	AB	AB	AB	AB	
7	Devkule Aishwarya Appa	Devkule	Devkule	Devkule	Devkule	Devkule	Devkule	Devkule	Devkule	Devkule	Devkule	Devkule	Devkule	
8	Gaddam Shefali Ajay	Shefali	Shefali	AB	Shefali	Shefali	Shefali	Shefali	Shefali	Shefali	AB	AB	AB	
9	Jagdale Srishti Satyawan	Srishti	AB	Srishti	Srishti	Srishti	Srishti	Srishti	Srishti	AB	AB	AB	Srishti	
10	Jagtap Rohini Nagnath	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	A
11	Kambale Prajakta Pramod	AB	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	
12	Kate Sonali Sunil	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	A
13	Kote Supriya Jakappa	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	
14	Kulkarni Shreya Dipak	S.D.Kulkarni	S.D.Kulkarni	S.D.Kulkarni	S.D.Kulkarni	S.D.Kulkarni	S.D.Kulkarni	S.D.Kulkarni	S.D.Kulkarni	S.D.Kulkarni	S.D.Kulkarni	S.D.Kulkarni	S.D.Kulkarni	
15	Lendave Priyanka Balaso	PB	PB	PB	AB	AB	PB	PB	PB	AB	PB	PB	PB	
16	Lokare Amruta Rajabhau	APL	APL	APL	AB	APL	APL	APL	APL	APL	APL	APL	APL	
17	Lokhande Pooja Krushna	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	A
18	Lokhande Smita Uttareshwar	Smita	Smita	Smita	Smita	Smita	Smita	Smita	Smita	Smita	Smita	Smita	Smita	
19	Mane Rutuja Suryakant	Rutuja	AB	Rutuja	Rutuja	Rutuja	AB	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	
20	Mhamane Minal Shrikant	AB	AB	AB	Mhamane	Mhamane	AB	AB	AB	AB	AB	Mhamane	Mhamane	
21	More Ashwini Dhanaji	More	AB	More	More	More	More	More	More	More	More	More	More	
22	Muluk Roopam Revannath	AB	Rupam	Rupam	Rupam	Rupam	Rupam	Rupam	Rupam	Rupam	Rupam	Rupam	Rupam	
23	Nagargoje Vaishali Kundlik	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	
24	Nipase Shweta Rajabhau	PBN	PBN	PBN	AB	AB	AB	AB	AB	AB	AB	AB	AB	
25	Ronge Pratiksha Raghunath	Ronge.P	Ronge.P	Ronge.P	Ronge.P	Ronge.P	Ronge.P	Ronge.P	Ronge.P	Ronge.P	Ronge.P	Ronge.P	Ronge.P	
26	Sanadi Ankita Suresh	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	
27	Shelake Rutuja Sanjay	Rutuja	AB	AB	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	
28	Suryawanshi Pratibha Prasad													

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. No	Name of Student	30/7 2nd	8/7 1st	2nd	2/8 1st	2nd	3/8 1st	2nd	4/8 1st	2n	5/8 1st	2nd
29	Unhale Saguna Ashok	Munbai	Munbai	Munbai	AB	AB	AB	AB	AB	AB	AB	AB
30	Walke Vaishnavi Digmbar	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
31	Bhosale Vijay Maruti	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
32	Bhosale Nikhil Madhukar	AB	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	AB	[illegible]	[illegible]	[illegible]
33	Chabukswar Amar Shrishail	AB	AB	AB	[illegible]		AB	AB	[illegible]	[illegible]	[illegible]	AB
34	Chavan Audumbar Kanifnath	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	AB
35	Ghadage Ramvijay Popatrao	[illegible]	[illegible]	AB	[illegible]	AB	[illegible]	AB	AB	AB	[illegible]	AB
36	Kale Sandesh Subhash	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	AB	AB	[illegible]	[illegible]	[illegible]	[illegible]
37	Madgyal Omkar Ashok	[illegible]	[illegible]	AB	[illegible]	[illegible]	[illegible]	[illegible]	AB	[illegible]	[illegible]	[illegible]
38	Rajput Rahul Laxmansing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
39	Sarvade Prabhu Ambadas	AB	[illegible]	AB	[illegible]	AB	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
40	Sathe Abhishek Jaysing	AB	AB	AB								
41	Savant Sagar Kalyandas	AB	[illegible]	AB	[illegible]	AB	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
42	Shripuram Mahendra Madhu	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
43	Umate Suhas Shirish	[illegible]	AB	[illegible]	[illegible]	AB	AB	AB	AB	AB	AB	AB
44	Waghmode Pratik Balbhim	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	AB	[illegible]	[illegible]	AB
45.	Kumbhar Seema	AB	AB	AB	AB	AB	AB	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
46.	Shriram Murlikrishna	AB	AB	AB	AB	AB	AB	[illegible]	AB	AB	AB	AB
47.	~~Umate Suhas~~											

Training & Placement Office
College of Engineering,
Pandharpur.

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COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , NAAC, Accredited Institute,
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Certificate Course on
C & C++ Programming
A.Y. 2022-23 SEM: I
CLASS: Final Year .B.Tech (ENTC) DIV: A & B
Course Duration:-25th July 2022 to 05th August 2022

Evaluation Criteria:

- **Eligibility Criterion:** A participant who will attend 75 % sessions will be eligible for Final Test.
- **Final Test:** Performance of participant will be assessed on the basis of passing in the Final Test with at least 50% marks.
- Only those participants who meet the passing standard for the assessment will be awarded the certificate.

(Prof. M. A. Deshmukh)
Program Coordinator

(Dr. Mrs M.M Pawar)
Head, E&TC. Engg. Dept.

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

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COLLEGE OF ENGINEERING, PANDHARPUR
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Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , NAAC, Accredited Institute,
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

REPORT

Department of Electronics and Telecommunication Engineering has organized Certification Course on **" C & C++ Programming " from 25th July to 05th August 2022".** The Recourse Person for this Certificate Course was Mr. M.A. Deshmukh from SVERI'S COE, Pandharpur. During Training, Total **100 students** were attended this course and students have cleared the Basics of C & C++, C++ Programming and Hands on practical Sessions have been conducted on Programming Languages. Faculty Members from E&TC Department worked actively for successful completion of certificate course.

Course Outcome for this course are:

1. **Students got Knowledge on Programming.**
2. **Students Worked on coding part on Software.**

Thanking You,

Yours faithfully,

(Prof. M. A. Deshmukh)
Program Coordinator

(Dr. Mrs.M. M Pawar)
Head, ENTC Engg. Dept.

Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

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Shri vithal Education & Research Institute's

College of Engineering,Pandharpur

TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Atkale Shivani Ramdas from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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Principal
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College of Engineering,Pandharpur

TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Bandgar Aarti Kishor from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on " **C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Bansode Ankita Annasaheb from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Bhinge Srushti Rajendra from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Chavan Vaishnavi Sudhir from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Deshmukh Vaishnavi S from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on " **C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Devdikar Janhavi Ajit from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming**" in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Dhekane Rutuja Hanumant from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Jadhav Akanksha Anil from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on " **C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Joshi Gayatri Jayawant from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on " **C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Lendave Sayali Shivaji from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming**" in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Mali Samruddhi Suresh from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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Nikam Sonal Arun from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on " **C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Patane Aishwarya Ravsaheb from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Patil Aditi Devidas from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on " **C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Patil Meenakashi Bramhanand from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Phalphale Madhura Sunil from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Rasal Swati Arvind from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on " **C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Sawant Kajal Tukaram from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on " **C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Shinde Chaitali Vikram from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Sonar Trupti Govind from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on " **C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Swami Himani Anand from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on " **C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Thorat Komal Satyawan from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Yadav Pratiksha Ashok from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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Badake Shubham Satish from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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Bhosale Vishvatej Hanumant from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Deshmukh Mahesh Sunil from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Fulpati Shrinath Ashok from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Gaikwad Sumedh Sanjaykumar from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Gophane Amol Mahadev from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Karande Sunil Shamrao from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Kashid Aditya Bibhishan from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Kashid Laxman Dadasaheb from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Katare Aniket Suhas from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on " **C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Kavade Ganesh Dadarao from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Kharat Pranav Madhav from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

Mr.A.A MOTE
Training & Placement officer
SVERI's COLLEGE OF ENGINEERING

PROF.DR.B.P.RONGE
Principal
SVERI's COLLEGE OF ENGINEERING

Shri vithal Education & Research Institute's

College of Engineering,Pandharpur

TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Koli Krishna Mahadev from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming**" in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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College of Engineering,Pandharpur

TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Langote Aniket Sunil from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming**" in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Mali Ruturaj Anil from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming**" in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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College of Engineering,Pandharpur

TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Masal Vaibhav Chandrakant from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Narsale Sudarshan Balasaheb from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Nimbalkar Shivraj Narayan from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Pawar Suhas Sanjay from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on " **C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Pol Rushikesh Uttam from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on " **C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Rupanar Ganesh Nilappa from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Sherkhane Shubham Atul from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Surwase Sudarshan Shatrughan from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Thorat Sagar Navnath from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on " **C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Umbarkar Shripad Nishikant from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Waghmode Pratyush Dinesh from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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This certificate is awarded to:

Zingade Omkar Ankush from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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TRAINING COMPLETION CERTIFICATE

This certificate is awarded to:

Sathe Abhishek Jaysing from **SVERI's COE,Pandharpur** for successfully completing **60hours** training program on "**C and C++ Programming"** in Collaboration with **Lemonade Software Developers Solapur** from **25th July 2022** to **05th August 2022.**

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PROF.DR.B.P.RONGE
Principal
SVERI's COLLEGE OF ENGINEERING

SVERI's
College of Engineering, Pandharpur

Electronics & Telecommunication Engineering

Certificate Course
on

Hands-On Experience on Arduino based Robotics & Automation

Duration-2nd May 2023 to 6th May, 2023

Class: SY

A.Y.: 2022-2023

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
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Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

Date: 30/04/2023

Department of Electronics & Telecommunication Engineering

NOTICE

All the students of Second Year (E&TC Engineering) are informed to note that, it is compulsory for students of Second Year to complete Add-on course for A.Y.2022-2023. Accordingly, Department of E&TC Engineering has organized **Add on Course** on **'Hands-On Experience on Arduino based Robotics & Automation'** from **2nd May 2023 to 6th May 2023**.

Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination.

All the concerned should take note and act accordingly.

(Prof. S. S. Pawar)
Program Coordinator

(Dr. Mrs. M.M Pawar)
Head, E&TC. Engg. Dept.

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

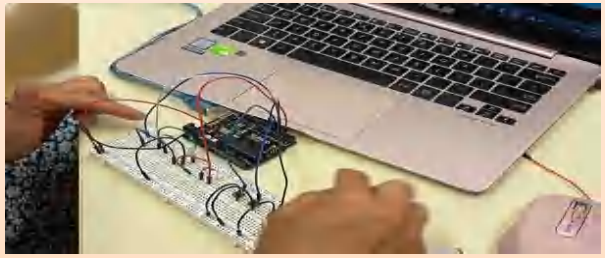
CONTACT US

1. Mr.M A Deshmukh
   (9970277150)
2. Mr.S S Pawar
   (9527298317)
3. Mr. A A Garad
   (92847060027)
4. Ms. S A Atole
   (8999264797)
5. Mr. R B Pawar
   (9665227585)

Academic Year: 2022-23

Duration

02nd May to 06th March 2023



‘Hands-On Experience on Arduino based Robotics & Automation’

The aim of this one week workshop is aware the students about basic Arduino & Robotics. During this workshop, the resource person initially guided about importance of Arduino & Robotics in today’s world different types of controllers, sensors, about arduino IDE software.

Second day resource person guided about Settings, Library addition, Use of Variables, Digital Pins, Analog Pins, PWM Pins, Serial Communication- Read and Write Serially.

RESOURCE PERSON

Mr. Chitranjan Mahajan

Dolphin Labs

Pune

SVERI’S COLLEGE OF ENGINEERING PANDHARPUR

Department of Electronics and Telecommunication

Accredited by NAAC A+, NBA & Institute of Engineers (India)

Approved by A.I.C.T.E., New Delhi and Affiliated to P.A.H. Solapur University, Solapur, P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Pandharpur- 413 304, District: Solapur (Maharashtra)

Email Id: coe@sveri.ac.in

ABOUT US

Pandharpur is well known holy place where Lord Shri Vithal Temple is located on bank of the river Chandrabhaga. It is recognized as spiritual capital of Maharashtra and popularly known as “South Kashi” of India. Shri Vithal Education and Research Institute (SVERI), a charitable trust formed by devoted technocrats, established its first Project, the SVERI’s College of Engineering, Pandharpur in 1998. The Department of Electronics & Telecommunication Engineering was established in the year 1998. The department has 27 Qualified and Dedicated Faculty Members with the specialization with various areas. Department of E&TC have UG (Intake-120), PG (Intake-18) and Ph.D. programs. Department has 10 well equipped labs.

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Ref. No.: COEPR/E&TC/2022-2023 Date:-28/04/2023

OFFICE ORDER

As per the Instruction from Head of the Department , following committee has been constituted for Design and Development of Curriculum for **Add on Course 'Hands-On Experience on Arduino based Robotics & Automation'** for S.Y. (E&TC Engineering) Semester-II of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Mr. Chitranjan Mahajan	Resource Person
2.	Prof. S.S. Pawar	Member
3.	Prof. A. A. Garad	Member

The above members are requested to design the curriculum for the said Add on Course and submit final copy of the curriculum to the undersigned on or before 30/04/2023.

Please take a note of the same and act accordingly.

(Dr. Mrs.M.M Pawar)
Head, E&TC. Engg. Dept.

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

Copy to:
1. Mr. Chitranjan Mahajan
2. Prof. S.S. Pawar
3 Prof. A. A. Garad
4. Principal
5. Dean Academics
6. Registrar
7. Office copy

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DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Syllabus

Introduction to Arduino based Robotic Automation
Introduction to Arduino , Arduino Boards & amp; Selection. Arduino IDE , Settings, Library addition. Use of Variables, Digital Pins, Analog Pins, PWM Pins Serial Communication- Read and Write Serially.
Decision Making- if-else, for, while, switch.
Creating Functions, Array, Use of Operators Interfacing with Output devices like LED, Buzzer, Relay , DC Motor.
Interfacing with LCD Interfacing with ADC and LM 35.
Interfacing of protocol based sensors like ultrasonic sensors, Temperature and humidity sensor.
Black Line Follower Robot, White Line Follower Robot. Edge Follower Robot, Object Follower Robot.
Touch Me Not Robot, Photo Maniac Robot, Photo Phobic Robot Object Avoidance Robot
Interfacing with Bluetooth Android App Development Home Automation using Android App Bluetooth Controlled Robot using Android App Voice Controlled Robot using Android App Haptic control for Robot using Android App Robo Soccer using Android App And Many More

(Prof. S. S. Pawar)
Program Coordinator

(Dr. Mrs. M.M Pawar)
Head, E&TC. Engg. Dept.

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

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DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Schedule

Sr. No.	Date	Time	Topic	Location
1.	Tuseday 02/05/2023	09: 00 am to 10:00 pm	Inaugural Function Introduction to Arduino based Robotic Automation	Conference Hall
		11: 00 am to 04:30 pm	Introduction to Arduino , Arduino Boards & amp; Selection. Arduino IDE , Settings, Library addition. Use of Variables, Digital Pins, Analog Pins, PWM Pins Serial Communication- Read and Write Serially.	
2.	Wednesday 03/05/2023	09: 00 am to 01:30 pm	Decision Making- if-else, for, while, switch.	
		02: 30 am to 04:30 pm	Creating Functions, Array, Use of Operators Interfacing with Output devices like LED, Buzzer, Relay , DC Motor.	
3.	Thursday 04/05/2023	09: 00 am to 01:30 pm	Interfacing with LCD Interfacing with ADC and LM 35.	
		02: 30 am to 04:30 pm	Interfacing of protocol based sensors like ultrasonic sensors, Temperature and humidity sensor.	
4.	Friday 05/05/2023	09: 00 am to 01:30 pm	Black Line Follower Robot, White Line Follower Robot. Edge Follower Robot, Object Follower Robot.	
		02: 30 am to 04:30 pm	Touch Me Not Robot, Photo Maniac Robot, Photo Phobic Robot Object Avoidance Robot	
5.	Saturday 06/05/2023	09: 00 am to 01:30 pm	Interfacing with Bluetooth Android App Development Home Automation using Android App Bluetooth Controlled Robot using Android App. ...	
		02: 30 am to 04:30 pm	Valedictory and Feedback Session	

(Prof. S. S. Pawar)
Program Coordinator

(Dr. Mrs M.M Pawar)
Head, E&TC. Engg. Dept.

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Department of Electronics And Telecommunication Engineering

List of Students Enrolled for Certificate Course on "Hands-On Experience on Arduino based Robotics & Automation"

Duration: 02-05-2023 to 06-05-2023

Roll Call List

Sr.No	Name of Student
1.	BHOSALE MONIKA VITTHAL
2.	CHANDGUDE SANIKA MALHARI
3.	DAINGADE PRAJKTA JIVANDHAR
4.	DALAVI SHWETA MADHAV
5.	DEVALE AAFROJA SHAKIL
6.	DHEKALE KOMAL VITTHAL
7.	GHADAGE DIVYA SUNIL
8.	GHODAKE PRACHI PRASHANT
9.	GHODE POOJA IRANNA
10.	GHOGARE PRIYANKA ARUN
11.	GHOLAP RUTUJA DEVIDAS
12.	GHULE VIDYARANI SANJAY
13.	GOURWAR SAKSHI GOPAL
14.	GUND TANVI VILAS
15.	HAKE DHANASHREE ASHOK
16.	HANPUDE AISHWARYA SHIVAJI
17.	INGAVALE DESHMUKH SNEHAL HINDURAO
18.	JAGTAP ARYA VASANT
19.	KADAM ASHWINI DILIP
20.	KHATIB ALFIYA RAFIK
21.	KSHIRSAGAR SANIKA SIDDHARAM
22.	LIGADE TRUPTI GOVIND
23.	LOTAKE AARYA ATUL
24.	NASHTE SHWETA NAGNATH
25.	PATIL AMRUTA KHANDERAO
26.	PATIL VAISHNAVI SANTOSH
27.	PAWAR ANURADHA JAYANT
28.	PAWAR RUTIKA MANASING
29.	PAWAR SAKSHI SANJAY
30.	PHULE RIDDHI VITTHAL
31.	SHINDE PRATIKSHA SHIVAJI
32.	SHINDE ROHINI SHRIHARI
33.	SHINDE UTKARSHA MAHESH
34.	TAKANKAR ISHWARI CHANDRASHEKHAR
35.	TAYAWADE TANVI SANTOSH
36.	VITKAR ANJALI SHIVKUMAR
37.	VYAVAHARE DHANSHRI RAJKUMAR
38.	VYAVAHARE ROHINI GAJANAN

39.	BHOSALE SHIVKUMAR SATISH
40.	BOBADE RUSHIKESH BALASAHEB
41.	CHOUGULE PRATHMESH ARJUN
42.	DANDAGE GANESH LAXMAN
43.	DEVKATE NIKHIL APPASAHEB
44.	DHOTRE SAURABH SANJAY
45.	GAVALI SAGAR BHARAT
46.	HANAME ADITYA PRAMOD
47.	JAGTAP RITESH RAMESH
48.	KAGADE SURAJ LAXMAN
49.	KALE VIVEK DADARAO
50.	KALUBARME ANIKET TEJAS
51.	KAPSE KUNAL VISHWAS
52.	LINGADE KARAN ANIL
53.	MAHANKAL MAKARAND MURLIDHAR
54.	MALI SUHAS SANJAY
55.	MULANI ANIS INNUS
56.	MULANI NIHAL KHAJUDDIN
57.	NAGARKAR HARISH BHAGWAT
58.	NARHE SIDDHARTH JAGDISH
59.	NIKAM TUSHAR TUKARAM
60.	PATIL DEEPRAJ RAJENDRA
61.	PATIL PRUTHVIRAJ VIVEK
62.	PATIL SHRINIVAS SUNIL
63.	PATIL SHRISHAILYA PRAKASH
64.	PAWAR SOMNATH MACHINDRA
65.	PUJARI AKSHAY HEMANT
66.	RAMAYANE OMKAR JAYANT
67.	SARDE ADITYA TANAJI
68.	SAYYAD ALIM RAFIK
69.	SHAIKH AMAN IRPHAN
70.	SHINDE ANIKET ANNASO
71.	SHINDE ANIKET SURESH
72.	SHINGARE MAYUR MAHADEV
73.	TAMBOLI EKRAR GOUSMOHAMMAD
74.	ALAT SNEHAL DATTARAJ
75.	ANKALGI SHWETA SHIVANAND
76.	ATAR SAMRIN ASLAM
77.	AYARE ANURADHA VITTHAL
78.	BABAR MANISHA BHAGWAN
79.	BHANGURE SAVANI ANIL
80.	BHOSALE NEHA DADASAHEB
81.	BHOSALE SAYALI RAJENDRA
82.	BIRAJDAR ROHINI RAJKUMAR
83.	BURKUL ANAGHA RAJKUMAR
84.	CHANDANSHIVE SANDHYA SANJAY
85.	DALAVE DNYANESHWARI APPARAO
86.	DHOTRE SEJAL DNYANESHWAR
87.	DIVASE SHRADDHA PRAKASH
88.	DOKE ADITI ARUN
89.	DOKE VAISHNAVI PANDURANG
90.	GAME RUPALI SUDHAKAR
91.	GHANTE ANKITA SANTOSH

92.	GUND SWAPNALI SOMANATH
93.	KADAM VAIBHAVI DNYANESHWAR
94.	KALE DISHA RAMCHANDRA
95.	KARANDE RUTUJA SOPAN
96.	KASTURE PRATIKSHA YOGIRAJ
97.	KHADE PRAJAKTA MACHHINDRA
98.	KHAMBALE PRANALI SUBHASH
99.	KHANDEKAR DIPALI SANJAY
100.	KHANDEKAR URMILA RAMCHANDRA
101.	KHOBARE BHAVANA VIJAYKUMAR
102.	KORALE PRAJAKTA SHANKAR
103.	KOTE PRIYANKA JAKARAYA
104.	KSHIRSAGAR SRUSHTI ANIL
105.	LOHOKARE SHRUTI VILAS
106.	MALAWADE SANSKRUTI SANTOSH
107.	METKARI SHOBHA SOPAN
108.	MULANI ALFIYA ASLAM
109.	NAVATRE PRANALI DATTARAY
110.	PANADI ANURADHA UMESH
111.	PATIL GAYATRI VIJAY
112.	POTDAR ARCHANA KISHOR
113.	PUJARI SNEHAL TANAJI
114.	RAUT TANUJA SHANKAR
115.	SATPUTE GAYATRI SITARAM
116.	SHAIKH KAREEMA SADIK
117.	SHAIKH SHARMEEN NAUSHAD
118.	SHINDE SHREYA TUKARAM
119.	SURVE PRATIKSHA DATTATRAYA
120.	TAMBILE SHWETA RAJESH
121.	VIBHUTE DIPUJA DINESH
122.	VIBHUTE HARSHAL HEMANT
123.	WAGHMARE SHUBHANGI BHARAT
124.	AHERKAR PRADIP DNYANESHWAR
125.	ALLOLI SUMIT SUNIL
126.	BABAR KIRAN BHAGAVAT
127.	CHAVARE ATHARV ATMARAM
128.	GAIKWAD AJAY BALASAHEB
129.	GAPATE NILESH NAGNNATH
130.	GAVALI PRUTHVIRAJ MANOJKUMAR
131.	GODAGE SAURABH NAGNATH
132.	HADMODE ATHARV VIKAS
133.	HOLLA ADITYA VISHNUMURTHY
134.	INGALE DHANRAJ PRAMOD
135.	IRAKAR DNYANESHWAR APPASO
136.	JADHAV ONKAR MILIND
137.	KADE SAMARTH NAVNATH
138.	LANDAGE PRADIP BIRAJI
139.	LANGOTE TANAJI PANDHARINATH
140.	LOKHANDE PRADIPKUMAR BALASAHEB
141.	MALI AVINASH BABASAHEB
142.	MOHOLKAR ABHISHEK RATNAKAR
143.	MORE ABHISHEK RUPESH
144.	NIROLI SAMARTH PRAKASH

145.	RAUT SAIRAJ PRAVIN
146.	TALEKAR MUKUND MARUTI
147.	TAMBAVE VAIBHAV KAILAS
148.	THITE SHUBHAM NETAJI
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(Prof. S. S. Pawar)
Program Coordinator

(Dr. Mrs. M.M Pawar)
Head, E&TC. Engg. Dept.

Head
Dept. of Electronics & Telecomm
Engg. SVERI'S C.O.E. Pandharp

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , **NAAC**, Accredited Institute,
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Certificate Course on

Hands-On Experience on Arduino based Robotics & Automation

A.Y. 2022-23 SEM: II

CLASS: Second Year .B.Tech (ENTC) DIV: A & B

Course Duration:-02nd May . 2023 to 06th May. 2023

Evaluation Criteria:

- **Eligibility Criterion:** A participant who will attend 75 % sessions will be eligible for Final Test.
- **Final Test:** Performance of participant will be assessed on the basis of passing in the Final Test with at least 50% marks.
- Only those participants who meet the passing standard for the assessment will be awarded the certificate.

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ISO 9001:2015

Arduino Workshop Attendance sheet

Sr. No.	Name of Student	02/05/23		03/05/23		04/05/23		05/05/23		06/05/23	
		M	E	M	E	M	E	M	E	M	E
1.	CHANDGUDE SANIKA MALHARI	Sanika	Sanika	Sanika	Sanika	Sanika	Sanika	Sanika	Sanika	Sanika	Sanika
2.	DAINGADE PRAJKTA JIVANDHAR	PSHD	PSHD	PSHD	PSHD	PSHD	PSHD	PSHD	PSHD	PSHD	PSHD
3.	DALAVI SHWETA MADHAV	Shwe	Shwe	Shwe	Shwe	Shwe	Shwe	Shwe	Shwe	Shwe	Shwe
4.	DEVALE AAFROJA SHAKIL	A.S.Dev	A.S.Dev	A.S.Dev	A.S.Dev	A.S.Dev	A.S.Dev	A.S.Dev	A.S.Dev	A.S.Dev	A.S.Dev
5.	DHEKALE KOMAL VITTHAL	Komal	Komal	Komal	Komal	Komal	Komal	Komal	Komal	Komal	Komal
6.	GHADAGE DIVYA SUNIL	D.S. Divya	D.S. Divya	D.S. Divya	D.S. Divya	D.S. Divya	D.S. Divya	D.S. Divya	D.S. Divya	D.S. Divya	D.S. Divya
7.	GHODAKE PRACHI PRASHANT	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi
8.	GHODE POOJA IRANNA	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
9.	GHOGARE PRIYANKA ARUN										
10.	GHOLAP RUTUJA DEVIDAS	Gholap	Gholap	Gholap	Gholap	Gholap	Gholap	Gholap	Gholap	Gholap	Gholap
11.	GHULE VIDYARANI SANJAY	Aarti	Aarti	Aarti	Aarti	Aarti	Aarti	Aarti	Aarti	Aarti	Aarti
12.	GOURWAR SAKSHI GOPAL	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi
13.	GUND TANVI VILAS	Gund	Gund	Gund	Gund	Gund	Gund	Gund	Gund	Gund	Gund
14.	HAKE DHANASHREE ASHOK	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
15.	HANPUDE AISHWARYA SHIVAJI	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay
16.	INGAVALE DESHMUKH SNEHAL HINDURAO	Desh	Desh	Desh	Desh	Desh	Desh	Desh	Desh	Desh	Desh
17.	JAGTAP ARYA VASANT	Arya	Arya	Arya	Arya	Arya	Arya	Arya	Arya	Arya	Arya
18.	KADAM ASHWINI DILIP	A	A	A	A	A	A	A	A	A	A
19.	KHATIB ALFIYA RAFIK	Alfiya	Alfiya	Alfiya	Alfiya	Alfiya	Alfiya	Alfiya	Alfiya	Alfiya	Alfiya
20.	KSHIRSAGAR SANIKA SIDDHARAM	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK
21.	LIGADE TRUPTI GOVIND	T.G.Ligade	T.G.Ligade	T.G.Ligade	T.G.Ligade	T.G.Ligade	T.G.Ligade	T.G.Ligade	T.G.Ligade	T.G.Ligade	T.G.Ligade
22.	LOTAKE AARYA ATUL	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
23.	NASITE SHWETA NAGNATH	Aastha	Akash	Aastha	Akash	Akash	Akash	Akash	Akash	Akash	Akash
24.	PATIL AMRUTA KHANDERAO	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB

25.	PATIL VAISHNAVI SANTOSH	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
26.	PAWAR ANURADHA JAYANT										
27.	PAWAR RUTIKA MANASING										
28.	PAWAR SAKSHI SANJAY										
29.	PHULE RIDDHI VITTHAL										
30.	SHINDE PRATIKSHA SHIVAJI										
31.	SHINDE ROHINI SHRIHARI										
32.	SHINDE UTKARSHA MAHESH										
33.	TAKANKAR ISHWARI CHANDRASHEKHAR										
34.	TAYAWADE TANVI SANTOSH										
35.	VITKAR ANJALI SHIVKUMAR										
36.	VYAVAHARE DHANSHRI RAJKUMAR										
37.	VYAVAHARE ROHINI GAJANAN										
38.	BHOSALE SHIVKUMAR SATISH										
39.	BOBADE RUSHIKESH BALASAHEB										
40.	CHOUGULE PRATHMESH ARJUN										
41.	DANDAGE GANESH LAXMAN	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
42.	DEVKATE NIKHIL APPASAHEB										
43.	DHOTRE SAURABH SANJAY										
44.	GAVALI SAGAR BHARAT										
45.	HANAME ADITYA PRAMOD										
46.	JAGTAP RITESH RAMESH										
47.	KAGADE SURAJ LAXMAN	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
48.	KALE VIVEK DADARAO										
49.	KALUBARME ANIKET TEJAS	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
50.	KAPSE KUNAL VISHWAS										
51.	LINGADE KARAN ANIL										
52.	MAHANKAL MAKARAND MURLIDHAR										
53.	MALI SUHAS SANJAY										

54.	MULANI ANIS INNUS										
55.	MULANI NIHAL KHAJUDDIN										
56.	NAGARKAR HARISH BHAGWAT										
57.	NARHE SIDDHARTH JAGDISH										
58.	NIKAM TUSHAR TUKARAM										
59.	PATIL DEEPRAJ RAJENDRA										
60.	PATIL PRUTHVIRAJ VIVEK										
61.	PATIL SHRINIVAS SUNIL										
62.	PATIL SHRISHAILYA PRAKASH										
63.	PAWAR SOMNATH MACHINDRA										
64.	PUJARI AKSHAY HEMANT										
65.	RAMAYANE OMKAR JAYANT										
66.	SARDE ADITYA TANAJI										
67.	SAYYAD ALIM RAFIK										
68.	SHAIKH AMAN IRPHAN										
69.	SHINDE ANIKET ANNASO										
70.	SHINDE ANIKET SURESH										
71.	SHINGARE MAYUR MAHADEV										
72.	TAMBOLI EKRAR GOUSMOHAMMAD										
73.	BHOSALE MONIKA VITTHAL										
74.	ALAT SNEHAL DATTARAJ										
75.	ANKALGI SHWETA SHIVANAND										
76.	ATAR SAMRIN ASLAM										
77.	AYARE ANURADHA VITTHAL										
78.	BABAR MANISHA BHAGWAN										
79.	BHANGURE SAVANI ANIL										
80.	BHOSALE NEHA DADASAHEB										
81.	BHOSALE SAYALI RAJENDRA	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
82.	BIRAJDAR ROHINI RAJKUMAR										

83.	BURKUL ANAGHA RAJKUMAR	A.R.Burkul	A.R.Burkul	A.R.Burkul	A.R.Burkul	A.R.Burkul	A.R.Burkul	A.R.Burkul	A.R.Burkul	A.R.Burkul	A.R.Burkul
84.	CHANDANSHIVE SANDHYA SANJAY										
85.	DALAVE DNYANESHWARI APPARAO	D.A.Dalave	D.A.Dalave	D.A.Dalave	D.A.Dalave	D.A.Dalave	D.A.Dalave	D.A.Dalave	D.A.Dalave	D.A.Dalave	D.A.Dalave
86.	DHOTRE SEJAL DNYANESHWAR	S.D.Dhotre	S.D.Dhotre	S.D.Dhotre	S.D.Dhotre	S.D.Dhotre	S.D.Dhotre	S.D.Dhotre	S.D.Dhotre	S.D.Dhotre	S.D.Dhotre
87.	DIVASE SHRADDHA PRAKASH	S.P.Divase	S.P.Divase	S.P.Divase	S.P.Divase	S.P.Divase	S.P.Divase	S.P.Divase	S.P.Divase	S.P.Divase	S.P.Divase
88.	DOKE ADITI ARUN	A.A.Doke	A.A.Doke	A.A.Doke	A.A.Doke	A.A.Doke	A.A.Doke	A.A.Doke	A.A.Doke	A.A.Doke	A.A.Doke
89.	DOKE VAISHNAVI PANDURANG	V.P.Doke	V.P.Doke	V.P.Doke	V.P.Doke	V.P.Doke	V.P.Doke	V.P.Doke	V.P.Doke	V.P.Doke	V.P.Doke
90.	GAME RUPALI SUDHAKAR	R.S.Game	R.S.Game	R.S.Game	R.S.Game	R.S.Game	R.S.Game	R.S.Game	R.S.Game	R.S.Game	R.S.Game
91.	GHANTE ANKITA SANTOSH	A.S.Ghante	A.S.Ghante	A.S.Ghante	A.S.Ghante	A.S.Ghante	A.S.Ghante	A.S.Ghante	A.S.Ghante	A.S.Ghante	A.S.Ghante
92.	GUND SWAPNALI SOMANATH	S.S.Gund	S.S.Gund	S.S.Gund	S.S.Gund	S.S.Gund	S.S.Gund	S.S.Gund	S.S.Gund	S.S.Gund	S.S.Gund
93.	KADAM VAIBHAVI DNYANESHWAR	D.K.Kadam	D.K.Kadam	D.K.Kadam	D.K.Kadam	D.K.Kadam	D.K.Kadam	D.K.Kadam	D.K.Kadam	D.K.Kadam	D.K.Kadam
94.	KALE DISHA RAMCHANDRA	D.R.Kale	D.R.Kale	D.R.Kale	D.R.Kale	D.R.Kale	D.R.Kale	D.R.Kale	D.R.Kale	D.R.Kale	D.R.Kale
95.	KARANDE RUTUJA SOPAN	R.S.Karande	R.S.Karande	R.S.Karande	R.S.Karande	R.S.Karande	R.S.Karande	R.S.Karande	R.S.Karande	R.S.Karande	R.S.Karande
96.	KASTURE PRATIKSHA YOGIRAJ	P.Y.Kasture	P.Y.Kasture	P.Y.Kasture	P.Y.Kasture	P.Y.Kasture	P.Y.Kasture	P.Y.Kasture	P.Y.Kasture	P.Y.Kasture	P.Y.Kasture
97.	KHADE PRAJAKTA MACHHINDRA	P.M.Khade	P.M.Khade	P.M.Khade	P.M.Khade	P.M.Khade	P.M.Khade	P.M.Khade	P.M.Khade	P.M.Khade	P.M.Khade
98.	KHAMBALE PRANALI SUBHASH	P.S.Khambale	P.S.Khambale	P.S.Khambale	P.S.Khambale	P.S.Khambale	P.S.Khambale	P.S.Khambale	P.S.Khambale	P.S.Khambale	P.S.Khambale
99.	KHANDEKAR DIPALI SANJAY	D.S.Khandekar	D.S.Khandekar	D.S.Khandekar	D.S.Khandekar	D.S.Khandekar	D.S.Khandekar	D.S.Khandekar	D.S.Khandekar	D.S.Khandekar	D.S.Khandekar
100.	KHANDEKAR URMILA RAMCHANDRA	U.R.Khandekar	U.R.Khandekar	U.R.Khandekar	U.R.Khandekar	U.R.Khandekar	U.R.Khandekar	U.R.Khandekar	U.R.Khandekar	U.R.Khandekar	U.R.Khandekar
101.	KHOBARE BHAVANA VIJAYKUMAR	B.V.Khobare	B.V.Khobare	B.V.Khobare	B.V.Khobare	B.V.Khobare	B.V.Khobare	B.V.Khobare	B.V.Khobare	B.V.Khobare	B.V.Khobare
102.	KORALE PRAJAKTA SHANKAR	P.S.Korale	P.S.Korale	P.S.Korale	P.S.Korale	P.S.Korale	P.S.Korale	P.S.Korale	P.S.Korale	P.S.Korale	P.S.Korale
103.	KOTE PRIYANKA JAKARAYA	P.J.Kote	P.J.Kote	P.J.Kote	P.J.Kote	P.J.Kote	P.J.Kote	P.J.Kote	P.J.Kote	P.J.Kote	P.J.Kote
104.	KSHIRSAGAR SRUSHTI ANIL	S.A.Kshirsagar	S.A.Kshirsagar	S.A.Kshirsagar	S.A.Kshirsagar	S.A.Kshirsagar	S.A.Kshirsagar	S.A.Kshirsagar	S.A.Kshirsagar	S.A.Kshirsagar	S.A.Kshirsagar
105.	LOHOKARE SHRUTI VILAS	S.V.Lohokare	S.V.Lohokare	S.V.Lohokare	S.V.Lohokare	S.V.Lohokare	S.V.Lohokare	S.V.Lohokare	S.V.Lohokare	S.V.Lohokare	S.V.Lohokare
106.	MALVADE SANSKRUTI SANTOSH	S.S.Malvade	S.S.Malvade	S.S.Malvade	S.S.Malvade	S.S.Malvade	S.S.Malvade	S.S.Malvade	S.S.Malvade	S.S.Malvade	S.S.Malvade
107.	METKARI SHOBHA SOPAN	S.S.Metkari	S.S.Metkari	S.S.Metkari	S.S.Metkari	S.S.Metkari	S.S.Metkari	S.S.Metkari	S.S.Metkari	S.S.Metkari	S.S.Metkari
108.	MULANI ALFIYA ASLAM	A.A.Mulani	A.A.Mulani	A.A.Mulani	A.A.Mulani	A.A.Mulani	A.A.Mulani	A.A.Mulani	A.A.Mulani	A.A.Mulani	A.A.Mulani
109.	NAVATRE PRANALI DATTATRAY	P.D.Navatre	P.D.Navatre	P.D.Navatre	P.D.Navatre	P.D.Navatre	P.D.Navatre	P.D.Navatre	P.D.Navatre	P.D.Navatre	P.D.Navatre
110.	PANADI ANURADHA UMESH	A.U.Panadi	A.U.Panadi	A.U.Panadi	A.U.Panadi	A.U.Panadi	A.U.Panadi	A.U.Panadi	A.U.Panadi	A.U.Panadi	A.U.Panadi
111.	PATIL GAYATRI VIJAY	G.V.Patil	G.V.Patil	G.V.Patil	G.V.Patil	G.V.Patil	G.V.Patil	G.V.Patil	G.V.Patil	G.V.Patil	G.V.Patil

112.	POTDAR ARCHANA KISHOR	A.K. Potdar	A.K. Potdar	A.K. Potdar	A.K. Potdar	A.K. Potdar	A.K. Potdar	A.K. Potdar	A.K. Potdar	A.K. Potdar	A.K. Potdar
113.	PUJARI SNEHAL TANAJI										
114.	RAUT TANUJA SHANKAR	T.S. Raut	T.S. Raut	T.S. Raut	T.S. Raut	T.S. Raut	T.S. Raut	T.S. Raut	T.S. Raut	T.S. Raut	T.S. Raut
115.	SATPUTE GAYATRI SITARAM	G.S. Satpute	G.S. Satpute	G.S. Satpute	G.S. Satpute	G.S. Satpute	G.S. Satpute	G.S. Satpute	G.S. Satpute	G.S. Satpute	G.S. Satpute
116.	SHAIKH KAREEMA SADIK	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
117.	SHAIKH SHARMEEN NAUSHAD										
118.	Shinde Shreya Tukaram										
119.	SURVE PRATIKSHA DATTATRAYA										
120.	TAMBILE SHWETA RAJESH	Tambile	Tambile	Tambile	Tambile	Tambile	Tambile	Tambile	Tambile	Tambile	Tambile
121.	VIBHUTE DIPUJA DINESH	VDipuja	VDipuja	VDipuja	VDipuja	VDipuja	VDipuja	VDipuja	VDipuja	VDipuja	VDipuja
122.	VIBHUTE HARSHAL HEMANT										
123.	WAGHMARE SHUBHANGI BHARAT	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
124.	AHERKAR PRADIP DNYANESHWAR	Epdw	Epdw	Epdw	Epdw	Epdw	Epdw	Epdw	Epdw	Epdw	Epdw
125.	ALLOLI SUMIT SUNIL	Sumli	Sumli	Sumli	Sumli	Sumli	Sumli	Sumli	Sumli	Sumli	Sumli
126.	BABAR KIRAN BHAGAVAT	KBabar	KBabar	KBabar	KBabar	KBabar	KBabar	KBabar	KBabar	KBabar	KBabar
127.	CHAVARE ATHARV ATMARAM	AAC	AAC	AAC	AAC	AAC	AAC	AAC	AAC	AAC	AAC
128.	GAIKWAD AJAY BALASAHEB	AJG	AJG	AJG	AJG	AJG	AJG	AJG	AJG	AJG	AJG
129.	GAPATE NILESH NAGNNATH	GNG	GNG	GNG	GNG	GNG	GNG	GNG	GNG	GNG	GNG
130.	GAVALI PRUTHVIRAJ MANOJKUMAR	PMG	PMG	PMG	PMG	PMG	PMG	PMG	PMG	PMG	PMG
131.	GODAGE SAURABH NAGNATH	Godage	Godage	Godage	Godage	Godage	Godage	Godage	Godage	Godage	Godage
132.	HADMODE ATHARV VIKAS	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
133.	HOLLA ADITYA VISHNUMURTHY	AVHolla	AVHolla	AVHolla	AVHolla	AVHolla	AVHolla	AVHolla	AVHolla	AVHolla	AVHolla
134.	INGALE DHANRAJ PRAMOD	DPIngale	DPIngale	DPIngale	DPIngale	DPIngale	DPIngale	DPIngale	DPIngale	DPIngale	DPIngale
135.	IRAKAR DNYANESHWAR APPASO	DAIrkar	DAIrkar	DAIrkar	DAIrkar	DAIrkar	DAIrkar	DAIrkar	DAIrkar	DAIrkar	DAIrkar
136.	JADHAV ONKAR MILIND	MMJ	MMJ	MMJ	MMJ	MMJ	MMJ	MMJ	MMJ	MMJ	MMJ
137.	KADE SAMARTH NAVNATH	SNK	SNK	SNK	SNK	SNK	SNK	SNK	SNK	SNK	SNK
138.	LANDAGE PRADIP BIRAJI										
139.	LANGOTE TANAJI PANDHARINATH										
140.	LOKHANDE PRADIPKUMAR BALASAHEB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB

141.	MALI AVINASH BABASAHEB									
142.	MOHOLKAR ABHISHEK RATNAKAR									
143.	MORE ABHISHEK RUPESH									
144.	NIROLI SAMARTH PRAKASH									
145.	RAUT SAIRAJ PRAVIN									
146.	TALEKAR MUKUND MARUTI									
147.	TAMBAVE VAIBHAV KAILAS									
148.	THITE SHUBHAM NETAJI									
149.	YADAV NISHANT BALIRAM									

Ms. S. S. Pawar
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(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)
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Report

The department of Electronics and Telecommunication Engineering, SVERIs College of Engineering, Pandharpur had organized a Certificate Course on "**HANDS-ON Program on Arduino Based Robotics and Automation (Arduino)**" from 2nd May 2023 to 6th May 2023.The aim of this one week workshop is aware the students about basic Arduino & Robotics. During this workshop, the resource person initially guided about importance of Arduino & Robotics in today's world different types of controllers, sensors, about arduino IDE software.

Second day resource person guided about Settings, Library addition, Use of Variables, Digital Pins, Analog Pins, PWM Pins, Serial Communication- Read and Write Serially.

Third day, He elaborated Interfacing of protocol based sensors like ultrasonic sensors, Temperature and humidity sensor, Interfacing with LCD, Interfacing with ADC and LM 35.

In day 4, He explained about Project- Black Line Follower Robot, White Line Follower Robot. Edge Follower Robot, Object Follower Robot. Touch Me Not Robot; Photo Maniac Robot, Photo Phobic, and Robot Object Avoidance Robot.

On day 5, He explained about Interfacing with Bluetooth Android App Development Home Automation using Android, Bluetooth Controlled Robot using Android App, Voice Controlled Robot using Android App, Haptic control for Robot using Android App, Robo Soccer using Android App and Many More.

Thanking You,

Yours faithfully

(Prof. S. S. Pawar)
Program Coordinator

(Dr. Mrs. M.M Pawar)
Head, E&TC. Engg. Dept.

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

Shri Vithal Education and Research Institute's
College Of Engineering, Pandharpur

Dolphin Labs

CERTIFICATE

Five Days hands-on Workshop on

Android Based Robotics and Automation

Organized by

Department of Electronics and Telecommunication Engineering

In Association with

Dolphin Labs, Pune

SVERI

This is to certify that Mr./Miss. Mali Suhas Sanjay. of _____
has successfully completed Five Days Hands-on workshop on **"Android Based Robotics and Automation"** from 02-05-2023 to 06-05-2023.

Mr. C.P. Mahajan
Director, Dolphin Labs

Prof. S.S.Pawar
Coordinator

Dr. Mrs. M. M. Pawar
HOD,ENTC

Shri Vithal Education and Research Institute's
College Of Engineering, Pandharpur

CERTIFICATE

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Android Based Robotics and Automation

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Department of Electronics and Telecommunication Engineering

In Association with

Dolphin Labs, Pune

This is to certify that Mr./Miss. Ekrar Tamboli. of _____ has successfully completed Five Days Hands-on workshop on **"Android Based Robotics and Automation"** from 02-05-2023 to 06-05-2023.

Mr. C.P. Mahajan
Director, Dolphin Labs

Prof. S.S.Pawar
Coordinator

Dr. Mrs. M. M. Pawar
HOD,ENTC

Shri Vithal Education and Research Institute's
College Of Engineering, Pandharpur

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Android Based Robotics and Automation

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In Association with

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This is to certify that Mr./Miss. Thite Shubham Netaji. of _____ has successfully completed Five Days Hands-on workshop on **"Android Based Robotics and Automation"** from 02-05-2023 to 06-05-2023.

Mr. C.P. Mahajan
Director, Dolphin Labs

Prof. S.S.Pawar
Coordinator

Dr. Mrs. M. M. Pawar
HOD,ENTC

Shri Vithal Education and Research Institute's
College Of Engineering, Pandharpur

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Android Based Robotics and Automation

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This is to certify that Mr./Miss. Patil Deepraj Rajendra. of _____
has successfully completed Five Days Hands-on workshop on **"Android Based Robotics and Automation"** from 02-05-2023 to 06-05-2023.

Mr. C.P. Mahajan
Director, Dolphin Labs

Prof. S.S.Pawar
Coordinator

Dr. Mrs. M. M. Pawar
HOD,ENTC

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This is to certify that Mr./Miss. Ingavale - Deshmukh Snehal Hindurao. of _____
has successfully completed Five Days Hands-on workshop on **"Android Based Robotics and Automation"** from 02-05-2023 to 06-05-2023.

Mr. C.P. Mahajan
Director, Dolphin Labs

Prof. S.S.Pawar
Coordinator

Dr. Mrs. M. M. Pawar
HOD,ENTC

Shri Vithal Education and Research Institute's
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In Association with

Dolphin Labs, Pune

This is to certify that Mr./Miss. Mahnkal Makarand Murlidhar. of _____ has successfully completed Five Days Hands-on workshop on **"Android Based Robotics and Automation"** from 02-05-2023 to 06-05-2023.

Mr. C.P. Mahajan
Director, Dolphin Labs

Prof. S.S.Pawar
Coordinator

Dr. Mrs. M. M. Pawar
HOD,ENTC

Shri Vithal Education and Research Institute's
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This is to certify that Mr./Miss. Kale Vivek Dadarao. of _____ has successfully completed Five Days Hands-on workshop on **"Android Based Robotics and Automation"** from 02-05-2023 to 06-05-2023.

Mr. C.P. Mahajan
Director, Dolphin Labs

Prof. S.S.Pawar
Coordinator

Dr. Mrs. M. M. Pawar
HOD,ENTC

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This is to certify that Mr./Miss. Vyavahare Rohini Gajanan of _____
has successfully completed Five Days Hands-on workshop on **"Android Based Robotics and Automation"** from 02-05-2023 to 06-05-2023.

Mr. C.P. Mahajan
Director, Dolphin Labs

Prof. S.S.Pawar
Coordinator

Dr. Mrs. M. M. Pawar
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This is to certify that Mr./Miss. Pawar Sakshi Sanjay of _____ has successfully completed Five Days Hands-on workshop on **"Android Based Robotics and Automation"** from 02-05-2023 to 06-05-2023.

Mr. C.P. Mahajan
Director, Dolphin Labs

Prof. S.S.Pawar
Coordinator

Dr. Mrs. M. M. Pawar
HOD,ENTC

Shri Vithal Education and Research Institute's
College Of Engineering, Pandharpur

CERTIFICATE

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Department of Electronics and Telecommunication Engineering

In Association with

Dolphin Labs, Pune

This is to certify that Mr./Miss. Gund Tanvi Vilas. of _____ has successfully completed Five Days Hands-on workshop on **"Android Based Robotics and Automation"** from 02-05-2023 to 06-05-2023.

Mr. C.P. Mahajan
Director, Dolphin Labs

Prof. S.S.Pawar
Coordinator

Dr. Mrs. M. M. Pawar
HOD,ENTC

स्वेरीच्या इलेक्ट्रॉनिक्स अँड टेलिकम्युनिकेशन इंजिनिअरिंग विभागामध्ये पाच दिवशीय कार्यशाळा संपन्न

पंढरपूर,दि. १६ (प्रतिनिधी) गोपाळपूर (ता.पंढरपूर) येथील श्री.विठ्ठल एज्युकेशन अँड रिसर्च इन्स्टिट्यूट संचलित कॉलेज ऑफ इंजिनिअरिंगमधील इलेक्ट्रॉनिक्स अँड टेलिकम्युनिकेशन इंजिनिअरिंग या विभागातील विद्यार्थी व प्राध्यापकांसाठी शॉर्ट टर्म ट्रेनींग प्रोग्राम (एसटीटीपी) आयोजित करण्यात आला होता. 'हँडस् ऑन प्रोग्राम ऑन ऑर्डीनिओ बेस्ड रोबोटिक्स अँड ऑटोमेशन' या विषयावर दि.२ मे ते दि.६ मे २०२३ दरम्यान या पाच दिवसीय विशेष कार्यशाळेचे आयोजन करण्यात आले होते.

स्वेरीचे संस्थापक सचिव तसेच कॉलेज ऑफ इंजिनिअरिंगचे प्राचार्य डॉ.बी. पी.रोंगे यांच्या मार्गदर्शनाखाली, ट्रेनिंग अँड प्लेसमेंटचे विभागाच्या सहकार्याने व इलेक्ट्रॉनिक्स अँड टेलिकम्युनिकेशन इंजिनिअरिंगच्या विभागप्रमुख डॉ.मिनाक्षी पवार यांच्या नेतृत्वाखाली आयोजिलेल्या या प्रोग्राममध्ये द्वितीय वर्षातील विद्यार्थी व प्राध्यापकांनी सहभाग घेतला. विभागप्रमुख डॉ.मिनाक्षी पवार यांनी प्रास्ताविकात ही पाच दिवशीय कार्यशाळा आयोजित करण्याचा हेतू सांगितला. या कार्यशाळेसाठी पुणे येथील डॉल्फिन लॅबचे व्यवस्थापकीय संचालक चित्तरंजन महाजन हे प्रमुख पाहुणे म्हणून लाभले होते. त्यांनी विद्यार्थी व प्राध्यापकांना ऑर्डीनिओ व रोबोटिक्स बद्दलची सविस्तर माहिती दिली तसेच ऑर्डीनिओ मध्ये कंट्रोलरचे प्रकार, विविध सेंसर्सची माहिती, ऑर्डीनिओचे प्रोग्राम करण्यासाठी लागणारे ऑर्डीनिओ सॉफ्टवेअर कसे वापरायचे हे देखील सांगितले. पुढे त्यांनी विविध सेन्सर्सचा वापर कसा करावा हे विद्यार्थ्यांना प्रात्यक्षिकाद्वारे करून दाखविले. अभियांत्रिकीच्या द्वितीय वर्षातील विद्यार्थ्यांना मोबाईल ॲप कसे बनवायचे हे सांगून त्यांच्याकडून विविध प्रकारच्या रोबोटिक्सचे प्रोजेक्ट त्यांनी करून घेतले. या पाच दिवसीय कार्यशाळेमध्ये डॉल्फिन लॅबचे व्यवस्थापकीय संचालक चित्तरंजन महाजन यांनी 'ऑर्डीनिओ व ब्लॅक लाईन फॉलोअर रोबोट, व्हाईट लाईन फॉलोअर रोबोट, टच मी नॉट रोबोट आणि फोटो मॅनिक रोबोट' असे या संदर्भातील विविध प्रोजेक्ट विद्यार्थ्यांकडून करून घेतले. या कार्यशाळेत सुमारे १५० विद्यार्थ्यांनी सहभाग घेतला. सहभागी विद्यार्थ्यांना मान्यवरांच्या हस्ते प्रमाणपत्रे वितरीत करण्यात आली. कार्यक्रमाचे समन्वयक म्हणून प्रा.शितल पवार यांनी काम पाहिले. कार्यशाळेच्या यशस्वीतेसाठी विभागातील सर्व प्राध्यापकांनी परिश्रम घेतले. सूत्रसंचालन प्रा.राहुल पवार यांनी केले तर प्रा.आशुतोष गरड यांनी उपस्थितांचे आभार मानले.

SVERI's
College of Engineering, Pandharpur

Electronics & Telecommunication Engineering

Certificate Course
on

Application of Artificial Intelligence for product development and Research

Duration-8th May 2023 to 17th May, 2023

Class: TY

A.Y.: 2022-2023

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)
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Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

Date: 06/05/2023

Department of Electronics & Telecommunication Engineering

NOTICE

All the students of Third Year (E&TC Engineering) are informed to note that, it is compulsory for students of Third Year to complete Add-on course for A.Y.2022-2023. Accordingly, Department of E&TC Engineering has organized **Add on Course** on **'Application of Artificial Intelligence for product development and Research'** from **8th May 2023 to 17th May 2023**.

Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination.

All the concerned should take note and act accordingly.

(Prof. S. S. Gawade)
Program Coordinator

(Dr. Mrs M.M Pawar)
Head, E&TC. Engg. Dept.

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

SVERI's College of Engineering, Pandharpur

An Exclusive workshop for SVERI

'Application of Artificial Intelligence for Product Development & Research'

Speaker

Dr. Anand S. Rao

Global Artificial Intelligence Lead at PWC,
Trusted Advisor, Innovator, Author, Educator

Organized by

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

AICTE

IEEE
Advancing Technology for Humanity

IIC, AICTE, IEEE & Department of E&TC Engineering

Venue

E&TC and CSE Department,
SVERI's College of Engineering, Pandharpur

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Ref. No.: COEPR/E&TC/2022-2023 Date:-04/05/2023

OFFICE ORDER

As per the Instruction from Head of the Department , following committee has been constituted for Design and Development of Curriculum for **Add on Course 'Application of Artificial Intelligence for product development and Research'** for T.Y. (E&TC Engineering) Semester-II of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Dr. Ananad S Rao	Resource Person
2.	Dr. N K Mishra	Member
3.	Prof.S S Gawade	Member

The above members are requested to design the curriculum for the said Add on Course and submit final copy of the curriculum to the undersigned on or before 06/05/2023.

Please take a note of the same and act accordingly.

(Dr. Mrs.M.M Pawar)
Head, E&TC. Engg. Dept.

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

Copy to:
1. Dr. Ananad S Rao
2. Dr. N K Mishra
3 Prof.S S Gawade
4. Principal
5. Dean Academics
6. Registrar
7. Office copy

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Artificial Intelligence for Product Development and Research Syllabus

Section 1 - Introduction to Machine Learning

- Basics of Statistics, what is Machine learning? Examples of Machine Learning Problems,
- Learning versus Designing, Training versus Testing, Characteristics of Machine learning tasks,
- Predictive and descriptive tasks, database and data processing for ML.

Section 2 – Data Science & its Components

- Applications of Data Science
- Hands-On Masterclass – Data ingestion, cleansing, exploration, visualization, and web scraping
- Data Science Careers
- Conclusion and Q&A

Section 3 - Introduction to Machine Learning

- Supervised Learning
- Unsupervised Learning
- Deep Learning
- AI Modeling careers
- Closing and Q&A

Section 4 - Theory of Machine Learning

- Definition of learning systems, Types: Supervised, Unsupervised, Semi Supervised,
- Reinforcement learning with examples. hypothesis space and inductive bias, evaluation,
- Cross validation, what is a feature? Feature construction, feature extraction.

Section 5 - Artificial Neural Networks

- Introduction, Exploring Artificial Neuron, Types of activation functions, Early implementations of ANN
- Architectures of Neural Network, Learning process in ANN, Back propagation,Deep learning

Section 6 – Artificial Neural Networks

- Unsupervised Vs supervised learning, Applications of unsupervised learning, clustering, clustering as ML task, Different clustering techniques, partitioning methods, K-Medoids

Section 7 - AI

- Model evaluation and deployment
- Risks of AI & Responsible AI
- Operationalization of Responsible AI
- AI careers

Section 8- AI

- Classification: Binary Classification- Assessing Classification performance.
- Common classification algorithms: K Nearest Neighbor, Decision Tree, Random Forest model,Support vector machines. Probabilistic Models: Naïve Bayes Classifier.
- Regression: Assessing performance of Regression- Error measures,Over fitting, under fitting, linear regression, logistic Regression.
- Multivariate Linear Regression.

Section 9 –

- Hierarchical clustering, DBSCAN, Finding pattern using association rule, Association rule, apriori algorithm for association rule learning, Build the apriori principle rules.
- Email Spam and Malware Filtering, Image recognition, Speech Recognition, Traffic Prediction,
- Self-driving Cars, Virtual Personal Assistant, Medical Diagnosis.

(Prof.S.S.Gawade)
Program Coordinator

(Dr. Mrs.M. M Pawar)
Head, ENTC Engg. Dept.

Head
Dept. of Electronics & Telecommn.
Engg. SVERI'S C.O.E. Pandharpur

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Schedule for Certificate course on Application of "Artificial Intelligence for Product Development and Research"

Day wise Schedule from 8th May 2023 to 17th May 2023

Sr. No.	Day & Date	Time	Contents
1	Monday 08/05/2023	3.00PM to 6.00PM	Introduction to Machine Learning • Basics of Statistics, what is Machine learning? Examples of Machine Learning Problems, • Learning versus Designing, Training versus Testing, Characteristics of Machine learning tasks, • Predictive and descriptive tasks, database and data processing for ML.
2	Tuesday 09/05/2023	3.00PM to 6.00PM	Data Science & its Components • Applications of Data Science • Hands-On Masterclass – Data ingestion, cleansing, exploration, visualization, and web scraping • Data Science Careers • Conclusion and Q&A
3	Wednesday 10/05/2023	3.00PM to 6.00PM	Introduction to Machine Learning • Supervised Learning • Unsupervised Learning • Deep Learning • AI Modeling careers • Closing and Q&A
4	Thursday 11/05/2023	3.00PM to 6.00PM	Theory of Machine Learning • Definition of learning systems, Types: Supervised, Unsupervised, Semi Supervised, • Reinforcement learning with examples. hypothesis space and inductive bias, evaluation, • Cross validation, what is a feature? Feature construction, feature extraction.

5	Friday 12/05/2023	2.00PM to 6.00PM	Artificial Neural Networks • Introduction, Exploring Artificial Neuron, Types of activation functions, Early implementations of ANN • Architectures of Neural Network, Learning process in ANN, Back propagation • Deep learning
6	Saturday 13/05/2023	2.00PM to 6.00PM	• Unsupervised Vs supervised learning, Applications of unsupervised learning, Clustering, clustering as ML task, Different clustering techniques, partitioning methods, K-Medoids
7	Monday 15/05/2023	2.00PM to 6.00PM	AI • Model evaluation and deployment • Risks of AI & Responsible AI • Operationalization of Responsible AI • AI careers
8	Tuesday 16/05/2023	3.00PM to 6.00PM	AI • Classification: Binary Classification-Assessing Classification performance. • Common classification algorithms: K Nearest Neighbor, Decision Tree, Random Forest model, • Support vector machines. Probabilistic Models: Naïve Bayes Classifier. • Regression: Assessing performance of Regression- Error measures,Over fitting, under fitting, linear regression, logistic Regression. Multivariate Linear Regression.
9	Wednesday 17/05/2023	3.00PM to 6.00PM	AI • Hierarchical clustering, DBSCAN, Finding pattern using association rule, Association rule, • apriori algorithm for association rule learning, Build the apriori principle rules. • Email Spam and Malware Filtering, Image recognition, Speech Recognition, Traffic Prediction, • Self-driving Cars, Virtual Personal Assistant, Medical Diagnosis.

(Ms.S.S.Gawade)
Workshop Coordinator

(Dr. Mrs.M. M Pawar)
Head, ENTC Engg. Dept.

Head
Dept. of Electronics & Telecomm
Engg. SVERI'S C.O.E. Pandharpur

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Department of Electronics And Telecommunication Engineering

List of Students Enrolled for Certificate Course on "Application of Artificial Intelligence for product development and Research"

Duration: 08-05-2023 to 17-05-2023

Roll Call List

Sr.No	Name of Student
1.	Annadate Disha Sham
2.	Atkale Shivani Ramchandra
3.	Barale Kajal Satyavan
4.	Bhingare Sayali Dhanaji
5.	Bhosale Aishwarya Mohan
6.	Bhurkule Vaishnavi Swaminath
7.	Bhusnar Shilpa Bhau
8.	Chaugule Jyoti Ramchandra
9.	Chavan Ashwini Kiran
10.	Chavan Ashwini Sudhir
11.	Chougule Sakhare Srushti Dattatray
12.	Choundawar Mrunal Vivek
13.	Deshmukh Sangita Shivaji
14.	Deshmukh Shubhada Raju
15.	Dhole Pranali Mahadev
16.	Doifode Amruta Ashok
17.	Janrao Mayuri Dattatrya
18.	Javir Pradnya Babasaheb
19.	Kadam Aishwarya Dattatray
20.	Kamble Snehal Navnath
21.	Kangale Anuradha Ramdas
22.	Kavade Vrushali Dilip
23.	Koli Prerana Anil
24.	Koli Surekha Sidraya
25.	Kore Snehal Sanjay
26.	Lengare Snehal Ramesh
27.	Lohar Nikita Bandu
28.	Lokhande Vaishnavi Nitin
29.	Maske Sandhyarani Khandu
30.	Misal Pranali Ravindra
31.	Mohite Megha Maruti
32.	More Rutuja Rajendra
33.	Patil Bhagyashri Rhushikesh
34.	Patole Sakshi Navnath
35.	Pawar Dipti Dattatray
36.	Pawar Priyanka Shivaji
37.	Ranadive Vanita Manohar
38.	Ronge Pooja Sunil
39.	Sakhare Samruddhi Santosh
40.	Sayyad Ayesha Faiyyaj

41.	Shirkepatil Maheshwari Kamalakar
42.	Tamboli Asma Javed
43.	Tamboli Ayesha Jabbar
44.	Wakade Shreya Hanamant
45.	Yadav Vaishnavi Mahesh
46.	Bagal Yash Deepak
47.	Barate Aniket Shahu
48.	Chormale Yuvraj Madhukar
49.	Chougule Rohan Kakasaheb
50.	Dakavale Ranjit Revan
51.	Dalavi Shreyas Kishore
52.	Dukare Dnyaneshwar Bharat
53.	Gaikwad Nikhil Nagnath
54.	Goykar Tukaram Anna
55.	Gujar Vyankatesh Prashant
56.	Jadhav Harsh Prashant
57.	Kadam Sunil Tanaji
58.	Kamble Ritesh Gundiba
59.	Kshirsagar Ganesh Sanjay
60.	Kudage Onkar Vijaykumar
61.	Kulkarni Adesh Atmaram
62.	Linge Aniket Nagesh
63.	Mane Ashitosh Darling
64.	Mane Shriniwas Sukhadev
65.	Mhetre Dnyaneshwar Narayan
66.	Patil Pratik Prafull
67.	Patil Satnappa Shivaji
68.	Patole Shubham Dhanagi
69.	Pawar Sanket Kusharam
70.	Sayyad Sohel Mansub
71.	Shinde Aniket Ankush
72.	Sonar Ganesh Gautam
73.	Swami Shivraj Mallikarjun
74.	Takbhate Vijay Dipak
75.	Tarapurkar Ruturaj Suresh
76.	Yadav Abhishek Mohan
77.	Babar Pragati Digambar
78.	Bhajibhakare Aakanksha Shivling
79.	Bhattad Disha Dineshkumar
80.	Birajdar Shraddha Appasaheb
81.	Deshmukh Shivbhakti Sunil
82.	Garad Sharayu Shekhar
83.	Gurav Vrushali Vilas
84.	Ingale Kajal Vijaykumar
85.	Ingale Varshali Santosh
86.	Janagawali Vrushali Kishor
87.	Joshi Swarali Shrirang
88.	Kadam Snehal Shivaji
89.	Kadam Rutuja Arun
90.	Kadlaskar Shruti Vitthal
91.	Kala Shruti Mukesh
92.	Santani Kenny Dipak
93.	Kulkarni Vaibhavi Mahesh

94.	Kulkarni Vaishnavi Avinash
95.	Manakoji Anjali Mallinath
96.	Misal Pranali Kalyan
97.	Misal Sonali Ramesh
98.	More Dipti Dilip
99.	Muchlambe Vaishnavi Sharanappa
100.	Mulani Heena Tayyab
101.	Naiknavare Pranoti Ganesh
102.	Patil Harshada Sanjay
103.	Patil Kanchan Kishor
104.	Patil Pratiksha Tukaram
105.	Patil Vaishnavi Dnyaneshwar
106.	Pawar Swapnali Navanath
107.	Rananavare Sakshi Sandip
108.	Shinde Aishwarya Raghu
109.	Shinde Anisha Anil
110.	Shinde Ankita Shankar
111.	Shinde Siddhi Dattatraya
112.	Shinde Vaishnavi Bandu
113.	Shirkande Sakshi Balasaheb
114.	Tawashe Priti Yashwant
115.	Utpat Pranjali Milind
116.	Vyavahare Kanchan Rajkumar
117.	Adsul Abhishek Shrikant
118.	Atar Sahil Nasir
119.	Bagewadikar Yash Rajesh
120.	Badve Vinayak Udaya
121.	Bulbule Jay Santosh
122.	Chavan Prathmesh Shantosh
123.	Chavan Ritesh Ganesh
124.	Chavan Shubham Laxman
125.	Diwane Saurabh Dagdu
126.	Gaikwad Suyash Audumbar
127.	Gawali Om Anil
128.	Ghavate Aditya Abasaheb
129.	Ghongade Prathamesh Rajesh
130.	Jadhav Ganesh Sambhaji
131.	Kambale Shubham Shravan
132.	Kamble Shreyash Pramod
133.	Kasabe Anmol Ashok
134.	Khatke Sandip Hanumant
135.	Khule Abhijeet Vikas
136.	Korade Kunal Kakasaheb
137.	Kore Amol Ashok
138.	Kulkarni Vishal Vyanktesh
139.	Lawate Shivaji Chintamani
140.	Magar Shivraj Tanaji
141.	Mali Tanmay Shivaji
142.	Misal Rohit Pandurang
143.	More Aniket Govardhan
144.	More Shubham Balasaheb
145.	More Tushar Dhananjay
146.	Patil Arjun Vijaykumar

147.	Patil Deepak Rajkumar
148.	Patil Kedar Sidram
149.	Shelar Sagar Shriganesh
150.	Ubale Avishkar Gorakh
151.	Vadaje Mahadev Bhimashankar
152.	Yadav Pratik Anil

(Prof. S. S. Gawade)
Program Coordinator

(Dr. Ms M.M Pawar)
Head, E&TC. Engg. Dept.

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

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Department Of Electronics and Telecommunication Engineering

List of Students Enrolled for Certificate Course on "Application of Artificial Intelligence for Product &Research"

Attendance Sheet

Roll No.	Name of Student	08-05-2023	09-05-2023.	10-05-2023	11-05-2023	12-05-2023	13-05-2023	15-05-2023	16-05-2023	17-05-2023
1.	Annadate Disha Sham									
2.	Atkale Shivani Ramchandra									
3.	Barale kajal satyawan	AB	AB	AB	AB	AB	AB	AB	AB	AB
4.	Bhingare Sayali Dhanaji									
5.	Bhosale Aishwarya Mohan	AB	AB	AB	AB	AB	AB	AB	AB	AB
6.	Bhurkule Vaishnavi Swaminath									
7.	Bhusnar Shilpa Bhau									
8.	Chaugule Jyoti Ramchandra									
9.	Chavan Ashwini Kiran									
10.	Chavan Ashwini Sudhir									
11.	Chougule Sakhare Srushti Dattatray									
12.	Choundawar Mrunal Vivek									
13.	Deshmukh Sangita Shivaji									
14.	Deshmukh Shubhada Raju									
15.	Dhole Pranali Mahadev									
16.	Doifode Amruta Ashok									
17.	Janrao Mayuri Dattatray	A	A	A	A	A	A	A	A	A
18.	Javir Pradnya Babasaheb									
19.	Kadam Aishwarya Dattatray									
20.	Snehal Navnath Kamble									
21.	Kangale Anuradha Ramdas									
22.	Kavade Vrushali Dilip									
23.	Koli Prerana Anil									

FIC Co-ordinator

HOD
Electronics & Telecomm.

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24.	Koli Surekha Sidraya									
25.	Kore Snehal Sanjay									
26.	Lengare Snehal Ramesh									
27.	Lohar Nikita Bandu	A	A	A	A	A	A	A	A	A
28.	Lokhande vaishnavi nitin	A	A	A	A	A	A	A	A	A
29.	Maske Sandhyarani Khandu									
30.	Misal Pranali Ravindra									
31.	Mohite Megha Maruti									
32.	More Rutuja Rajendra									
33.	Patil Bhagyashri Rushikesh									
34.	Patole Sakshi Navnath									
35.	Pawar Dipti Dattatray									
36.	Pawar Priyanka Shivaji									
37.	Ranadive Vanita Manohar									
38.	Ronge Pooja Sunil									
39.	Sakhare Samruddhi Santosh									
40.	Sayyad Ayesha Faiyyaj									
41.	Shrike Patil Maheshwari Kamlakar									
42.	Tamboli Asma Javed									
43.	Tamboli Ayesha Jabbar									
44.	Wakade Shreya Hanamant									
45.	Yadav Vaishnavi Mahesh									
46.	Bagal Yash Deepak									
47.	Barate Aniket Shahu									
48.	Chormale Yuvraj Madhukar									
49.	Chougule Rohan Kakasaheb									
50.	Dakavale Ranjit Ravan									

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51.	Dalavi Shreyas Kishore									
52.	Dnyaneshwar Dukare									
53.	Gaikwad Nikhil Nagnath									
54.	Goykar Tukaram Annasaheb									
55.	Gujar Vyankatesh Prashant									
56.	Jadhav Harsh Prashant									
57.	Kadam Sunil Tanaji									
58.	Kamble Ritesh Gundiba									
59.	Kshirsagar Ganesh Sanjay									
60.	Kudage Onkar Vijaykumar									
61.	Kulkarni Adesh Atmaram									
62.	Linge Aniket Nagesh									
63.	Mane Ashitosh Darling									
64.	Mane Shriniwas Sukhadev									
65.	Dnyaneshwar Narayan Mhetre									
66.	Patil Pratik Prafull									
67.	Patil Satnappa Shivaji									
68.	Patole Shubham Dhanaji									
69.	Pawar Sanket Kusharam									
70.	Sohel Mansub Sayyad									
71.	Shinde Aniket Ankush									
72.	Sonar ganesh gautam									
73.	Swami Shivraj Mallikarjun									
74.	Takbhate Vijay Dipak									
75.	Tarapurkar Ruturaj Suresh									
76.	Yadav Abhishek Mohan									

IIC Co-ordinator

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List of Students Enrolled for Certificate Course on

"Application of Artificial Intelligence for Product &Research"

Attendance Sheet

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1.	Babar Pragati Digambar	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati
2.	Bhajibhakare Aakanksha Shivling									
3.	Bhattad Disha Dineshkumar									
4.	Birajdar Shraddha Appasaheb									
5.	Deshmukh Shivbhakti Sunil									
6.	Garad Sharayu Shekhar									
7.	Gurav Vrushali	A	A	A	A	A	A	A	A	A
8.	Ingale Kajal Vijaykumar									
9.	Ingale Varshali Santosh	V.S.Ingale	V.S.Ingale	V.S.Ingale	V.S.Ingale	V.S.Ingale	V.S.Ingale	V.S.Ingale	V.S.Ingale	V.S.Ingale
10.	Janagawali Vrushali Kishor									
11.	Joshi Swarali Shrirang									
12.	Kadam Snehal Shivaji									
13.	Kadam Rutuja Arun	A	A	A	A	A	A	A	A	A
14.	Kadlaskar Shruti Vitthal									
15.	Kala Shruti Mukesh									
16.	Santani Kenny Deepak									
17.	Kulkarni Vaibhavi Mahesh									
18.	Kulkarni Vaishnavi Avinash									
19.	Manakoji Anjali Mallinath	A	A	A	A	A	A	A	A	A
20.	Misal Pranali Kalyan									
21.	Misal Sonali Ramesh									
22.	More Dipti Dilip									
23.	Muchlambe Vaishnavi Sharanappa									
24	Mulani Heena Tayyab	mulani	mulani	mulani	mulani	mulani	mulani	mulani	mulani	mulani

Head
Electronics & Telecomm.

Shri Vithal Education & Research Institute's

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Roll No.	Name of Student	08-05-2023.	09-05-2023.	10-05-2023	11-05-2023	12-05-2023	13-05-2023	15-05-2023	16-05-2023	17-05-2023
25.	Naiknaware Pranoti Ganesh									
26.	Patil Harshada Sanjay									
27.	Patil Kanchan Kishor	A	A	A	A	A	A	A	A	A
28.	Patil Pratiksha Tukaram									
29.	Patil Vaishnavi Dnyaneshwar									
30.	Pawar Swapnali Navanath									
31.	Rananavare Sukshi Sandip									
32.	Shinde Aishwarya Raghu									
33.	Shinde Anisha Anil									
34.	Shinde Ankita Shankar									
35.	Shinde Siddhi Dattatraya									
36.	Shinde Vaishnavi Bandu									
37.	Shirkande Sakshi Balasaheb									
38.	Tawashe Priti Yashwant									
39.	Utpat Pranjali Milind									
40.	Vyavahare Kanchan Rajkumar									
41.	Adsul Abhishek Shrikant									
42.	Atar Sahil Nasir									
43.	Bagewadikar Yash Rajesh									
44.	Badave Vinayak Uday									
45.	Bulbule Jay Santosh	A	A	A	A	A	A	A	A	A
46.	Chavan Prathmesh Santosh									
47.	Chavan Ritesh Ganesh									
48.	Chavan Shubham Laxman									
49.	Diwane Saurabh Dagdu									
50.	Gawali Om Anil									
51.	Ghavale Aditya Ashokrao									

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52.	Ghongade Prathamesh Rajesh									
53.	Jadhav Ganesh Sambhaji									
54.	Kambale Shubham									
55.	Kamble Shreyash Pramod									
56.	Kasabe Anmol Ashok									
57.	Khatake Sandip Hanumant									
58.	Khule Abhijeet Vikas									
59.	Korade Kunal Kakasaheb	A	A	A	A	A	A	A	A	A
60.	Kore Amol Ashok									
61.	Kulkarni Vishal Vyankatesh									
62.	Lawate Shivaji Chintamani									
63.	Magar Shivraj Tanaji									
64.	Mali Tanmay Shivaji									
65.	Misal Rohit Pandurang	A	A	A	A	A	A	A	A	A
66.	More Aniket Govardhan									
67.	More Shubham Balasaheb									
68.	More Tushar Dhananjay									
69.	Patil Arjun Vijaykumar									
70.	Patil Deepak Rajkumar									
71.	Patil Kedar Sidram									
72.	Shelar Sagar Shriganesh									
73.	Ubale Avishkar Gorakh									
74.	Vadaje Mahadev Bhimashankar									
75.	Yadav Pratik Anil									
76.	Gaikwad Suyash Audumbar									

IIC Co-oedinator
Ms. S. S. Gawade.

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Dept. of Electronics & Telecomm.
Engg. SVERI's C.O.E. Pandharpur

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DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Certificate Course on

Application of Artificial Intelligence for product development and Research

A.Y. 2022-23 SEM: II

CLASS: Third Year .B.Tech (ENTC) DIV: A & B

Course Duration:-08th May . 2023 to 17th May. 2023

Evaluation Criteria:

- **Eligibility Criterion:** A participant who will attend 75 % sessions will be eligible for Final Test.
- **Final Test:** Performance of participant will be assessed on the basis of passing in the Final Test with at least 50% marks.
- Only those participants who meet the passing standard for the assessment will be awarded the certificate.

(Prof. S. S. Gawade)
Program Coordinator

(Dr. Mrs. M.M Pawar)
Head, E&TC. Engg. Dept.

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

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Report

Objectives:

1. Understand the fundamentals of data science and learn about its tools and techniques.
2. Explore real-world applications of data science in various industries.
3. Gain insights into data science careers and the required skills.
4. Understand the fundamentals of machine learning.
5. Learn about the tools, frameworks, and techniques used in machine learning and deep learning.
6. Explore real-world applications of machine learning and deep learning.
7. Gain insights into careers in machine learning and artificial intelligence (AI).

Outcome:

1. Acquire a strong foundation in the fundamentals of data science, including its principles, concepts, and methodologies.
2. Familiarize oneself with the essential tools and techniques used in data science, such as data manipulation, visualization, and analysis.
3. Explore real-world applications of data science across various industries, such as finance, healthcare, marketing, and e-commerce.
4. Develop an understanding of the skills required for a career in data science, including programming, statistical analysis, and problem-solving.
5. Gain knowledge of the fundamentals of machine learning, including algorithms, model training, and evaluation.
6. Learn about the tools, frameworks, and techniques commonly used in machine learning and deep learning, such as scikit-learn, TensorFlow, and neural networks.
7. Explore real-world applications of machine learning and deep learning in areas like image recognition, natural language processing, and predictive analytics.
8. Obtain insights into careers in machine learning and artificial intelligence (AI), including job roles, industry trends, and future opportunities.

Thanking You,

Yours faithfully

(Prof. S. S. Gawade)
Program Coordinator

(Dr. Mrs. M.M Pawar)
Head, E&TC. Engg. Dept.

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

Shri Vithal Education & Research Institute's College of Engineering, Pandharpur

Department of Electronics and Telecommunication Engineering

In collaboration with

Global Indian Scientists and Technocrats(GIST)

Organized a workshop on

"Application of Artificial Intelligence for Product Development & Research"

Certificate of Participation

This is to Certify that Mr/Ms. ***Annadate Disha Sham*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
IIC President	*Head of Department*	*IIC Coordinator*	*Principal*	*Global Artificial Intelligence Lead in PwC*

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Department of Electronics and Telecommunication Engineering

In collaboration with

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"Application of Artificial Intelligence for Product Development & Research"

Certificate of Participation

This is to Certify that Mr/Ms. ***Atkale Shivani Ramchandra*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
IIC President	*Head of Department*	*IIC Coordinator*	*Principal*	*Global Artificial Intelligence Lead in PwC*

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Department of Electronics and Telecommunication Engineering

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Certificate of Participation

This is to Certify that Mr/Ms. ***Barale Kajal Satyavan*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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"Application of Artificial Intelligence for Product Development & Research"

Certificate of Participation

This is to Certify that Mr/Ms. ***Bhingare Sayali Dhanaji*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
IIC President	*Head of Department*	*IIC Coordinator*	*Principal*	*Global Artificial Intelligence Lead in PwC*

Shri Vithal Education & Research Institute's College of Engineering, Pandharpur

Department of Electronics and Telecommunication Engineering

In collaboration with

Global Indian Scientists and Technocrats(GIST)

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This is to Certify that Mr/Ms. ***Bhosale Aishwarya Mohan*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Bhurkule Vaishnavi Swaminath*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Bhusnar Shilpa Bhau*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Chaugule Jyoti Ramchandra*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Chavan Ashwini Kiran*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Chavan Ashwini Sudhir*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

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This is to Certify that Mr/Ms. ***Chougule Sakhare Srushti Dattatray*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Choundawar Mrunal Vivek*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Deshmukh Sangita Shivaji*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Deshmukh Shubhada Raju*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

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This is to Certify that Mr/Ms. ***Dhole Pranali Mahadev*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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Certificate of Participation

This is to Certify that Mr/Ms. ***Doifode Amruta Ashok*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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Certificate of Participation

This is to Certify that Mr/Ms. ***Janrao Mayuri Dattatrya*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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Department of Electronics and Telecommunication Engineering

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This is to Certify that Mr/Ms. ***Javir Pradnya Babasaheb*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Kadam Aishwarya Dattatray*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
IIC President	*Head of Department*	*IIC Coordinator*	*Principal*	*Global Artificial Intelligence Lead in PwC*

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This is to Certify that Mr/Ms. ***Kamble Snehal Navnath*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
IIC President	*Head of Department*	*IIC Coordinator*	*Principal*	*Global Artificial Intelligence Lead in PwC*

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This is to Certify that Mr/Ms. ***Kangale Anuradha Ramdas*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
IIC President	*Head of Department*	*IIC Coordinator*	*Principal*	*Global Artificial Intelligence Lead in PwC*

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This is to Certify that Mr/Ms. ***Kavade Vrushali Dilip*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Koli Prerana Anil*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Koli Surekha Sidraya*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
IIC President	*Head of Department*	*IIC Coordinator*	*Principal*	*Global Artificial Intelligence Lead in PwC*

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This is to Certify that Mr/Ms. ***Kore Snehal Sanjay*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Lengare Snehal Ramesh*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Lohar Nikita Bandu*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Lokhande Vaishnavi Nitin*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Maske Sandhyarani Khandu*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Misal Pranali Ravindra*** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8th May 2023 to 17th May 2023.

Dr. Mrs. V. S. Kshirsagar	*Dr. Mrs. M. M. Pawar*	*Ms. S. S. Gawade*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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Shri Vithal Education & Research Institute's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur - Ranjani Road, Gopalpur, **Tal.:** Pandharpur- 413304, **Dist.:** Solapur (MH)
Contact No.: 9545553888, 9545553757, **E-mail :** coe@sveri.ac.in, **Website:** www.sveri.ac.in
Approved by **A.I.C.T.E.**, New Delhi and affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur
NBA Accredited all Eligible UG Programmes, **NAAC A+** Accredited Institute, ISO 9001-2015 Certified Institute.
Accredited by Institution of Engineers (India) and TCS.

REF NO: COEPR/2022-23/ENTC/723 08-05-2023

To,
Dr. Anand S. Rao
Global Artificial Intelligence Leader
for PwC

Subject: Invitation as the Resource Person for a Session on a workshop "Application of Artificial Intelligence for Product and Research"

Respected Sir,

Shri Vithal Education and Research Institute (SVERI) is a charitable trust founded in Pandharpur (known as 'South Kashi' of India) by a group of technocrats. Today, around 4800 students are studying in this campus and around 1800 boys and 1500 girls are living in the separate hostels. The institute is moving ahead on the path of success with Excellent Academic Results, Excellent Placements, Excellent R & D, Excellent Infrastructure and Excellent Accreditations. After the establishment of the institution, various colleges have been started by this trust.

1. **SVERI's College of Engineering (UG & PG), Pandharpur** (Year:1998)
(NAAC A+ with 3.46/4.00CGPA and All eligible UG Programs have been accredited by NBA)
2. **SVERI's College of Pharmacy (UG, PG & Diploma), Pandharpur** (Year: 2006)
(UG Program accredited by NBA)
3. **SVERI's College of Pharmacy (Poly.), Pandharpur** (Year: 2006)
(Procedure for NBA is in progress)
4. **SVERI's College of Engineering (Poly.), Pandharpur** (Year: 2008)
(All eligible programs have been accredited by NBA)

Sir, since inception, SVERI has been working for the betterment of society. The Rural Human Resource Development Facility (RHRDF) has been established at SVERI through MoU with Bhabha Atomic Research Center, Mumbai for deployment of the technologies of BARC in rural area. Around Rs. 2 Cr. CSR grant has been received from NPCIL, Tarapur for empowering villagers in Tarapur (Mumbai) region through propagation of BARC technologies. In addition, Rs. 5 Cr. grant has been approved by NITI Aayog for establishment of Atal Community Innovation Center (ACIC), in 2022. Recently, RGSTC has sanctioned research fund of Rs. 33.73 Cr. for the collaborative project of IIT Mumbai, VJTI, Mumbai and SVERI, Pandharpur on Drone Technology. The institute provides 'Earn & Learn' scheme to the needy students for bringing them in the flow of education by sparing budget around Rs. 1 Cr. every year and making expenditure accordingly.

Sir, we have organized a workshop on **"Application of Artificial Intelligence for Product Development and Research"** From 9th May 2023 for our Third year Students from Department of Electronics and Telecommunication Engineering and Department of Computer Science Engineering. We are pleased to invite you to take a session on "'Application of Artificial Intelligence for Product Development and Research" on **9th, 10th and 16th May 2023 at 4pm (IST)** in the institute.

We believe that your presence and words of wisdom will take us (students, faculty members and all other stakeholders of this institute) to a different energy level which will help us achieve new heights of success in our future journey.

Sir, we are very much eager to welcome you. We are waiting for your positive response.

Thank you.

Yours truly,

Dr. Mrs. M. M. Pawar
HoD, ENTC

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

SVERI's
College of Engineering, Pandharpur

Electronics & Telecommunication Engineering

Certificate Course
on

Hands-On Experience on PLC & SCADA

Duration-24th April 2023 to 28th April, 2023

Class: Final Year B.Tech

A.Y.: 2022-2023

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , **NAAC**, Accredited Institute,
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

Date: 22/04/2023

Department of Electronics & Telecommunication Engineering

NOTICE

All the students of Final Year. B. Tech. (E&TC Engineering) are informed to note that, it is compulsory for students of Final Year. B. Tech. to complete Add-on course for A.Y.2022-2023. Accordingly, Department of E&TC Engineering has organized **Add on Course** on **'Hands-On Experience on PLC & SCADA'** from **24th April 2023 to 28th April 2023**.

Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination.

All the concerned should take note and act accordingly.

(Prof. S. S. Waghchaware)
Program Coordinator

(Dr. Mrs M.M Pawar)
Head, E&TC. Engg. Dept.

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

About the College:

Pandharpur is well known holy place where Lord Shri Vithal Temple is located on bank of the river Chandrabhaga. It is recognized as spiritual capital of Maharashtra and popularly known as "South Kashi" of India. Shri Vithal Education and Research Institute (SVERI), a charitable trust formed by devoted technocrats, established its first Project, the SVERI's College of Engineering, Pandharpur in 1998, which is approved by AICTE, New Delhi. It has been affiliated to PAH Solapur University, Solapur. The Engineering College is ISO 9001:2015 certified institute, was accredited by "NBA", New Delhi and NAAC A+.

About the Department:

The department was established in the year 1998 and offers UG in E&TC , PG and Ph.D.in E&TC Engineering. The department is backed with well qualified staff and state of art laboratory facilities. The department has established Center of Excellence in Antenna design and testing as well as Machine Learning through MODROB. The department has nurtured the research environment through various funded projects (1.75 Cr. till date) by various funding agencies like DST, AICTE, RGSTC, BRNS, etc. The Department has got NBA and NAAC accreditation twice.

About The Workshop:

Specifically, PLCs control some of the most complex processes within industrial plants. They are often deployed to monitor running machines and motors. In order to provide more functionality, a PLC is easy to program. Moreover, these devices are scalable. SCADA stands for Supervisory Control and Data Acquisition. SCADA is a monitoring software used in these industries. As software, it helps control the hardware and makes a record of the data collected from all remote locations. SCADA software is connected to computers, graphical user interfaces, sensors and networked data communications in order to provide a broad picture of the process.

Local Organizing Committee

1.Mrs. J.S. Shinde
2.Mr.S.A.Inamdar
3.Mr.M. A. Deshmukh
4.Ms.S.S.Gawade
5.Mr.J.S.Hallur
6.Ms.M.S.Biswas
7.Ms.S.A.Atole
8.Ms.S.Y.Abhangrao
9.Ms.S.S.Jadhav

5 Days Workshop

on

"HANDS-ON Experience on PLC & SCADA"

Organized by

Department of Electronics and Telecommunication Engineering

SVERIs College of Engineering Pandharpur

Workshop Date & Time:

24th April, 2023 to 28th April, 2023

(10 AM to 5 PM)

PLC SCADA

Contents of Workshop:

Day 1: PLC: introduction, types, leading hardware and software, logic development, important instruction, Industrial real applications, Industrial I/Ps & O/Ps, PLC wiring & Industrial project development.

Day 2: HMI / MMI: Introduction, interfacing with PLC, screen development, digital & analog data configuration analog data scaling, password level, screen display & Industrial project development.

Day 3: SCADA: Introduction, interfacing with PLC, screen development, digital & analog data configuration, analog data scaling, driver selection and configuration, tag creation and configuration & Industrial project development.

Day 4: AC DRIVE: Introduction, hardware, parameter setting, speed, direction, acceleration and deceleration time control of induction motor, interfacing with PLC, multispeed & multidirectional control project. ANALOG: Introduction to analog signal, standard signal type, block diagram, ATD and DTA conversion program

and wiring, Interface with SCADA

Day 5: INTERFACING PROJECT: Complete interface of PLC, HMI, SCADA, AC DRIVE, AC motor, Digital I/Os with a real Industrial application.

General Instructions for Participant:

Eligibility for Participants: The students are studying in final year of any engineering branch.

CHIEF PATRON

Dr. B. P. Ronge

Founder Secretary & Principal,
SVERI's COE Pandharpur.

ADVISORY COMMITTEE

Dr. M. M. Pawar (Campus In charge)
Dr. P.M.Pawar (Dean Academics)
Dr. R. R. Gidde (Dean Administration)
Dr.Mrs.M.M Pawar (HOD E&TC)
Dr. Mrs.V.S. Kshirsagar (IIC coordinator)
Dr. M. S. Mathpati (Dean Students)
Dr.D.S. Chaudhari (Dean Publicity)
Mr.A.A.Mote (Dean Training & Alumni Affairs)
Dr. K.B. Patil (Dean Admission)

Resource Person:

Mr. Himanshu Kumar
(Director & Founder Indwell Automation, Mangaluru)

5 Days Workshop On
on
"HANDS-ON Experience on PLC & SCADA"

(24th April, 2023 to 28th April, 2023)

Organized By
Department of E&TC Engineering
SVERI's College of Engineering
Pandharpur

Gopalpur- Ranjani Road ,Gopalpur, Pandharpur, Pin: 413304, Dist-Solapur.
Website :www.sveri.ac.in

OVERALL COORDINATOR

Mr. J. S. Hallur Contact: 9975090344
Mr. S.R.Waghchavare Contact: 9665187875

Department of Electronics & Telecommunication Engineering

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
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Ref. No.: COEPR/E&TC/2022-2023 Date:-18/04/2023

OFFICE ORDER

As per the Instruction from Head of the Department , following committee has been constituted for Design and Development of Curriculum for **Add on Course 'Hands-On Experience on PLC & SCADA'** for Final Year. B.Tech. (E&TC Engineering) Semester-II of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Mr. Himanshu Kumar	Resource Person
2.	Prof. S.R. Waghchavare	Member
3.	Prof. M.S. Biswas	Member

The above members are requested to design the curriculum for the said Add on Course and submit final copy of the curriculum to the undersigned on or before 22/04/2023.

Please take a note of the same and act accordingly.

(Dr. Mrs.M.M Pawar)
Head, E&TC. Engg. Dept.

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

Copy to:
1. Mr. Himanshu Kumar
2. Prof. S.R. Waghchavare
3. Prof. Prof. M.S. Biswas
4. Principal
5. Dean Academics
6. Registrar
7. Office copy

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DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Syllabus

PLC: introduction, types, leading hardware and software, logic development, important instruction.
Industrial real applications, Industrial I/Ps & O/Ps, PLC wiring & Industrial project development.
HMI / MMI: Introduction, interfacing with PLC, screen development, digital & analog data configuration,
analog data scaling, password level, screen display & Industrial project development.
SCADA: Introduction, interfacing with PLC, screen development, digital & analog data configuration,
analog data scaling, driver selection and configuration, tag creation and configuration & Industrial project development.
AC DRIVE: Introduction, hardware, parameter setting, speed, direction, acceleration and deceleration time control of induction motor, interfacing with PLC, multispeed & multidirectional control project.
ANALOG: Introduction to analog signal, standard signal type, block diagram, ATD and DTA conversion program and wiring, Interface with SCADA
INTERFACING PROJECT: Complete interface of PLC, HMI, SCADA, AC DRIVE, AC motor, Digital I/Os with a real Industrial application.

(Prof. S. R. Waghchaware)
Program Coordinator

(Dr. Mrs.M.M Pawar)
Head, E&TC. Engg. Dept.

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

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Date: 23/04/2023

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Schedule

Sr. No.	Day & Date	Time	Session
1.	Monday 24/04/2023	10: 00 am to 01:00 pm	Inaugural Function PLC: introduction, types, leading hardware and software, logic development, important instruction,
		02: 00 am to 04:00 pm	Industrial real applications, Industrial I/Ps & O/Ps, PLC wiring & Industrial project development.
2.	Tuesday 25/04/2023	10: 00 am to 01:00 pm	HMI / MMI: Introduction, interfacing with PLC, screen development, digital & analog data configuration,
		02: 00 am to 04:00 pm	analog data scaling, password level, screen display & Industrial project development.
3.	Wednesday 26/04/2023	10: 00 am to 01:00 pm	SCADA: Introduction, interfacing with PLC, screen development, digital & analog data configuration,
		02: 00 am to 04:00 pm	analog data scaling, driver selection and configuration, tag creation and configuration & Industrial project development.
4.	Thursday 27/04/2023	10: 00 am to 01:00 pm	AC DRIVE: Introduction, hardware, parameter setting, speed, direction, acceleration and deceleration time control of induction motor, interfacing with PLC, multispeed & multidirectional control project.
		02: 00 am to 04:00 pm	ANALOG: Introduction to analog signal, standard signal type, block diagram, ATD and DTA conversion program and wiring, Interface with SCADA
5	Friday 28/04/2023	10: 00 am to 01:00 pm	INTERFACING PROJECT: Complete interface of PLC, HMI, SCADA, AC DRIVE, AC motor, Digital I/Os with a real Industrial application.
		02: 00 am to 04:00 pm	Questions Hour And TEST

(Prof. S. R. Waghchaware)
Program Coordinator

(Dr. Mrs M.M Pawar)
Head, E&TC. Engg. Dept.

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Department of Electronics And Telecommunication Engineering

List of Students Enrolled for Certificate Course on "Hands-On Experience on PLC & SCADA"

Duration: 24-04-2023 to 28-04-2023

Roll Call List

Sr.No	Name of Student
1.	Atkale Shivani Ramdas
2.	Bandgar Aarti Kishor
3.	Bansode Ankita Annasaheb
4.	Bhinge Srushti Rajendra
5.	Chavan Vaishnavi Sudhir
6.	Deshmukh Vaishnavi S
7.	Devdikar Janhavi Ajit
8.	Dhekane Rutuja Hanumant
9.	Jadhav Akanksha Anil
10.	Joshi Gayatri Jayawant
11.	Lendave Sayali Shivaji
12.	Mali Samruddhi Suresh
13.	Nikam Sonal Arun
14.	Patane Aishwarya Ravsaheb
15.	Patil Aditi Devidas
16.	Patil Meenakashi Bramhanand
17.	Phalphale Madhura Sunil
18.	Rasal Swati Arvind
19.	Sawant Kajal Tukaram
20.	Shinde Chaitali Vikram
21.	Sonar Trupti Govind
22.	Swami Himani Anand
23.	Thorat Komal Satyawan
24.	Yadav Pratiksha Ashok
25.	Badake Shubham Satish
26.	Bhosale Vishvatej Hanumant
27.	Deshmukh Mahesh Sunil
28.	Fulpati Shrinath Ashok
29.	Gaikwad Sumedh Sanjaykumar
30.	Gophane Amol Mahadev
31.	Karande Sunil Shamrao
32.	Kashid Aditya Bibhishan
33.	Kashid Laxman Dadasaheb
34.	Katare Aniket Suhas
35.	Kavade Ganesh Dadarao
36.	Kharat Pranav Madhav
37.	Koli Krishna Mahadev
38.	Langote Aniket Sunil
39.	Mali Ruturaj Anil
40.	Masal Vaibhav Chandrakant
41.	Narsale Sudarshan Balasaheb
42.	Nimbalkar Shivraj Narayan

43.	Pawar Suhas Sanjay
44.	Pol Rushikesh Uttam
45.	Rupanar Ganesh Nilappa
46.	Sherkhane Shubham Atul
47.	Surwase Sudarshan Shatrughan
48.	Thorat Sagar Navnath
49.	Umbarkar Shripad Nishikant
50.	Waghmode Pratyush Dinesh
51.	Zingade Omkar Ankush
52.	Sathe Abhishek Jaysing
53.	Arekar Shivani Hanumant
54.	Babar Megha Dinkar
55.	Bhadrashetti Sanjana Shrishail
56.	Bhandare Rohini Baban
57.	Bharama Sakshitai Shivsharan
58.	Das Dnyneshwari Balasaheb
59.	Devkule Aishwarya Appa
60.	Gaddam Shefali Ajay
61.	Jagdale Srishti Satyawan
62.	Jagtap Rohini Nagnath
63.	Kambale Prajakta Pramod
64.	Kate Sonali Sunil
65.	Kote Supriya Jakappa
66.	Kulkarni Shreya Dipak
67.	Lendave Priyanka Balaso
68.	Lokare Amruta Rajabhau
69.	Lokhande Pooja Krushna
70.	Lokhande Smita Uttareshwar
71.	Mane Rutuja Suryakant
72.	Mhamane Minal Shrikant
73.	More Ashvini Dhanaji
74.	Muluk Roopam Revannath
75.	Nagargoje Vaishali Kundlik
76.	Nipase Shweta Rajabhau
77.	Ronge Pratiksha Raghunath
78.	Shelake Rutuja Sanjay
79.	Suryawanshi Pratibha Prasad
80.	Swami Vaishnavi Vidyadhar
81.	Unhale Saguna Ashok
82.	Walke Vaishnavi Digmbar
83.	Bhosale Vijay Maruti
84.	Bhosale Nikhil Madhukar
85.	Chabukswar Amar Shrishail
86.	Chavan Audumbar Kanifnath
87.	Ghadage Ramvijay Popatrao
88.	Kale Sandesh Subhash
89.	Madgyal Omkar Ashok
90.	Parbat Shubham Navnath
91.	Patil Sagar Ashok
92.	Patil Shubham Mahadeo
93.	Rajput Rahul Laxmansing

94.	Sarvade Prabhu Ambadas
95.	Savant Sagar Kalyandas
96.	Shripuram Mahendra Madhu
97.	Shriram Murlikrishna Sanjeev
98.	Umate Suhas Shirish
99.	Waghmode Pratik Balbhim
100.	Kumbhar Seema Ramdas

(Prof. S. S. Waghchaware)
Program Coordinator

(Dr. Ms M.M Pawar)
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Department Of Electronics And Telecommunication Engineering

List of Students Enrolled for Certificate Course on "Hands on Experience on PLC and SCADA"

Duration: 24-04-2023 to 28-04-2023

Attendance Sheet

Roll No.	Name of Student	24/04/2023		25/04/2023		26/04/2023		27/04/2023		28/04/2023	
		M	E	M	E	M	E	M	E	M	E
1.	Atkale Shivani Ramdas										
2.	Bandgar Aarti Kishor	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
3.	Bansode Ankita Annasaheb	AB	AB								
4.	Bhinge Srushti Rajendra										AB
5.	Chavan Vaishnavi Sudhir										
6.	Deshmukh Vaishnavi S			AB	AB	DVS	DVS	DVS.	DVS.	DVS	DVS.
7.	Devdikar Janhavi Ajit			AB	AB						
8.	Dhekane Rutuja Hanumant	AB	AB								
9.	Jadhav Akanksha Anil	AB	AB	AB	AB						
10.	Joshi Gayatri Jayawant	AB	AB								
11.	Lendave Sayali Shivaji		AB				AB				
12.	Mali Samruddhi Suresh										AB
13.	Nikam Sonal Arun	AB	AB	AB	AB						
14.	Patane Aishwarya Ravsaheb										
15.	Patil Aditi Devidas	AB	AB								
16.	Patil Meenakashi Bramhanand										
17.	Phalphale Madhura Sunil					AB	AB	AB	AB	AB	AB
18.	Rasal Swati Arvind										
19.	Sawant Kajal Tukaram										
20.	Shinde Chaitali Vikram										
21.	Sonar Trupti Govind	AB	AB								
22.	Swami Himani Anand					AB	AB	AB	AB	AB	AB
23.	Thorat Komal Satyawan	AB	AB	AB	AB						
24.	Yadav Pratiksha Ashok	AB	AB							AB	
25.	Badake Shubham Satish										
26.	Bhosale Vishvatej H.			AB	AB						

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Roll No.	Name of Student	24/04/2023		25/04/2023		26/04/2023		27/04/2023		28/04/2023	
		M	E	M	E	M	E	M	E	M	E
27.	Deshmukh Mahesh Sunil										
28.	Fulpati Shrinath Ashok										
29.	Gaikwad Sumedh Sanjaykumar										
30.	Gophane Amol Mahadev				A			A	A	A	A
31.	Karande Sunil Shamrao										
32.	Kashid Aditya Bibhishan										
33.	Kashid Laxman Dadasaheb	AB	AB								
34.	Katare Aniket Suhas		AB								
35.	Kavade Ganesh Dadarao										
36.	Kharat Pranav Madhav										
37.	Koli Krishna Mahadev										
38.	Langote Aniket Sunil	AB	AB								
39.	Mali Ruturaj Anil	AB	AB								
40.	Masal Vaibhav Chandrakant										
41.	Narsale Sudarshan Balasaheb	AB	AB								
42.	Nimbalkar Shivraj Narayan										
43.	Pawar Suhas Sanjay										
44.	Pol Rushikesh Uttam										
45.	Rupanar Ganesh Nilappa	AB									
46.	Sherkhane Shubham Atul										
47.	Surwase Sudarshan Shatrughan										
48.	Thorat Sagar Navnath										
49.	Umbarkar Shripad Nishikant										
50.	Waghmode Pratyush Dinesh			A	A	A	A	A	A	A	
51.	Zingade Omkar Ankush										
52.	Sathe Abhishek Jaysing										
53.	Arekar Shivani Hanumant	AB									
54.	Babar Megha Dinkar										

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		M	E	M	E	M	E	M	E	M	E
55.	Bhadrashetti Sanjana Shrishail	AB	AB	SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB
56.	Bhandare Rohini Baban	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini
57.	Bharama Sakshitai Shivsharan	Bharama	Bharama	Bharama	Bharama	Bharama	Bharama	Bharama	Bharama	Bharama	Bharama
58.	Das Dnyneshwari Balasaheb	DAS	DAS	DAS	DAS	DAS	DAS	DAS	DAS	DAS	DAS
59.	Devkule Aishwarya Appa	Devkule	Devkule	Devkule	Devkule	Devkule	Devkule	Devkule	Devkule	Devkule	Devkule
60.	Gaddam Shefali Ajay	Shefali	Shefali	Shefali	Shefali	Shefali	Shefali	Shefali	Shefali	Shefali	Shefali
61.	Jagdale Srishti Satyawan	Jagdale	Jagdale	Jagdale	Jagdale	Jagdale	Jagdale	Jagdale	Jagdale	Jagdale	Jagdale
62.	Jagtap Rohini Nagnath	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	A	A
63.	Kambale Prajakta Pramod	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta
64.	Kate Sonali Sunil	Kate	Kate	Kate	Kate	Kate	Kate	Kate	Kate	Kate	Kate
65.	Kote Supriya Jakappa	Kote	Kote	Kote	Kote	Kote	Kote	Kote	Kote	Kote	Kote
66.	Kulkarni Shreya Dipak	S.D.Kulkarni	S.D.Kulkarni	S.D.Kulkarni	S.D.Kulkarni	S.D.Kulkarni	S.D.Kulkarni	S.D.Kulkarni	S.D.Kulkarni	S.D.Kulkarni	S.D.Kulkarni
67.	Lendave Priyanka Balaso	PBL	PBL	PBL	PBL	PBL	PBL	PBL	PBL	PBL	PBL
68.	Lokare Amruta Rajabhau	ABL	ABL	ABL	ABL	ABL	ABL	ABL	ABL	ABL	ABL
69.	Lokhande Pooja Krushna	AB	AB	LPK	LPK	LPK	LPK	LPK	LPK	LPK	LPK
70.	Lokhande Smita Uttareshwar	Smita	Smita	Smita	Smita	Smita	Smita	Smita	Smita	Smita	Smita
71.	Mane Rutuja Suryakant	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja
72.	Mhamane Minal Shrikant	Mhamane	Mhamane	Mhamane	Mhamane	Mhamane	Mhamane	Mhamane	Mhamane	Mhamane	Mhamane
73.	More Ashvini Dhanaji	More	More	More	More	More	More	More	More	More	More
74.	Muluk Roopam Revannath	Rupam	Rupam	Rupam	Rupam	Rupam	Rupam	Rupam	Rupam	Rupam	Rupam
75.	Nagargoje Vaishali Kundlik	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali
76.	Nipase Shweta Rajabhau	NRN	NRN	NRN	NRN	NRN	NRN	NRN	NRN	NRN	NRN
77.	Ronge Pratiksha Raghunath	Ronge	Ronge	Ronge	Ronge	Ronge	Ronge	Ronge	Ronge	Ronge	Ronge
78.	Shelake Rutuja Sanjay	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja
79.	Suryawanshi Pratibha Prasad	AB	AB	GP	GP	GP	GP	GP	GP	GP	GP
80.	Swami Vaishnavi Vidyadhar	Swami	Swami	Swami	Swami	Swami	Swami	Swami	Swami	Swami	Swami
81.	Unhale Saguna Ashok	Unhale	Unhale	Unhale	Unhale	Unhale	Unhale	Unhale	Unhale	Unhale	Unhale
82	Walke Vaishnavi D.	Walke	Walke	Walke	Walke	Walke	Walke	Walke	Walke	Walke	Walke

Shri Vithal Education & Research Institute's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 14, Gopalpur - Ranjani Road, Gopalpur, Tal.: Pandharpur- 413304, Dist.: Solapur (M.H.)
Contact No.: 9545553888, 9545553757. E-mail : coe@sveri.ac.in Website: www.sveri.ac.in
Approved by A.I.C.T.E., New Delhi and affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur
NBA Accredited all Eligible UG Programmes. NAAC A+ Accredited Institute. ISO 9001-2015 Certified Institute.
Accredited by Institution of Engineers (India) and TCS

Roll No.	Name of Student	24/04/2023		25/04/2023		26/04/2023		27/04/2023		28/04/2023	
		M	E	M	E	M	E	M	E	M	E
83.	Bhosale Vijay Maruti	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
84.	Bhosale Nikhil Madhukar										
85.	Chabukswar Amar Shrishail										
86.	Chavan Audumbar Kanifnath			AB	AB						
87.	Ghadage Ramvijay Popatrao							AB	AB	AB	AB
88.	Kale Sandesh Subhash										
89.	Madgyal Omkar Ashok										
90.	Parbat Shubham Navnath										
91.	Patil Sagar Ashok									AB	AB
92.	Patil Shubham Mahadeo	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
93.	Rajput Rahul Laxmansing										
94.	Sarvade Prabhu Ambadas	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
95.	Savant Sagar Kalyandas							AB	AB	AB	AB
96.	Shripuram Mahendra Madhu	AB	AB								
97.	Shriram Murlikrishna Sanjeev	AB	AB			AB	AB	AB	AB	AB	AB
98.	Umate Suhas Shirish										
99.	Waghmode Pratik Balbhim										
100.	Kumbhar Seema Ramdas	AB									

Mr.S.S.Waghchavare
Program Coordinator

/Dr.Mrs.M.M Pawar
HOD ENTC

Head
Dept. of Electronics & Telecomm. Engg. SVERI'S C.O.E, Pandharpur

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
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DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Certificate Course on

Application of Artificial Intelligence for product development and Research

A.Y. 2022-23 SEM: II

CLASS: Final Year .B.Tech (ENTC) DIV: A & B

Course Duration:-24th April. 2023 to 28th April. 2023

Evaluation Criteria:

- **Eligibility Criterion:** A participant who will attend 75 % sessions will be eligible for Final Test.
- **Final Test:** Performance of participant will be assessed on the basis of passing in the Final Test with at least 50% marks.
- Only those participants who meet the passing standard for the assessment will be awarded the certificate.

(Prof. S. R. Waghchaware)
Program Coordinator

(Dr. Mrs. M.M Pawar)
Head, E&TC. Engg. Dept.

Head
Dept. of Electronics & Telecomm
Engg. SVERI'S C.O.E. Pandharpur

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Report

The department of Electronics and Telecommunication Engineering, SVERIs College of Engineering, Pandharpur had organized a Certificate Course on "**Hands-On Experience on PLC & SCADA**" from 24th April 2023 to 28th April 2023. During this course, the resource person initially guided about basics of automation and revolution in industry, hierarchy of automation industry, different types of controllers, PLC block diagram, Ladder diagram basics and Ladder diagram for digital gates, Logic development trick and Blue Green, Red, Light Program, P1 P2 RG Program, Codey's Software simulation and visualization. Second day resource person guided about Latch, Flags, Timers and counters design in Codesys. Then he explained timer-based examples using Codesys software. Third day, He elaborated timer based examples, Counter instruction, Counter based examples, Different types of digital input output, PLC wiring, Introduction to MITSUBISHI PLC, Project development in GX developer, Communication of PLC, Download & Upload Program, Online edit, Troubleshooting. In day 4, He explained about Project development, Introduction to HMI, Screen development of HMI, PLC HMI Interface and PLC VFT interface. On day 5 He explained about project development, Introduction to SCADA, SCADA screen development, SCADA communication with PLC, Introduction to Analog Input Output system.

Thanking You,

Yours faithfully

(Prof. S. R. Waghchaware)
Program Coordinator

(Dr. Mrs. M.M Pawar)
Head, E&TC. Engg. Dept.

Head
Dept. of Electronics & Telecomm.
Engg. SVERI'S C.O.E. Pandharpur

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ACCREDITED WITH GRADE A+ NAAC (3.46/4.00 CGPA)

All Eligible UG Programmes N.B.A. Accredited

COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Ms. Atkale Shivani Ramdas

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

of 30 hours training session, Awarded on 28/04/2023

Course Instructor

Dr. Mrs. M. M. Pawar
Head of E&TC Department

Dr. B. P. Ronge
Principal

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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Ms. Bhinge Srushti Rajendra

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

of 30 hours training session, Awarded on 28/04/2023

Course Instructor

Dr. Mrs. M. M. Pawar
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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Ms. Chavan Vaishnavi Sudhir

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023) to 28/04/2023)

of 30 hours training session, Awarded on 28/04/2023

Course Instructor

Dr. Mrs. M. M. Pawar
Head of E&TC Department

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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Ms. Deshmukh Vaishnavi S.

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

of 30 hours training session, Awarded on 28/04/2023

Course Instructor

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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Ms. Devdikar Janhavi Ajit

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

of 30 hours training session, Awarded on 24/04/2023

Course Instructor

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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Ms. Jadhav Akanksha Anil

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

of 30 hours training session, Awarded on 28/04/2023

Course Instructor

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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Ms. Joshi Gayatri Jayawant

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Course Instructor

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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Ms. Mali Samruddhi Suresh

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

of 30 hours training session, Awarded on 28/04/2023

Course Instructor

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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Ms. Nikam Sonal Arun

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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Mr. Bhosale Visvatej H.

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

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Course Instructor

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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Mr. Badake Shubham Satish

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Course Instructor

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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Ms. Yadav Pratiksha Ashok

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Course Instructor

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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Ms. Thorat Komal Satyawan

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

of 30 hours training session, Awarded on 28/04/2023

Course Instructor

Dr. Mrs. M. M. Pawar
Head of E&TC Department

Dr. B. P. Ronge
Principal

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(3.46/4.00 CGPA)

COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Ms. Swami Himani Anand

for successfully completing the course of Hands-on-experience on PLC and SCADA (24/04/2023 to 28/04/2023)

of 30 hours training session, Awarded on 28/04/2023

Course Instructor

Dr. Mrs. M. M. Pawar
Head of E&TC Department

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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Ms. Shinde Chaitali Vikram

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023) to (28/04/2023)

of 30 hours training session, Awarded on 28/04/2023

Course Instructor

Dr. Mrs. M. M. Pawar
Head of E&TC Department

Dr. B. P. Ronge
Principal

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This Certificate is awarded to :

Ms. Rasal Swati Arvind

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Course Instructor

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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Ms. Patil Aditi Devidas

for successfully completing the course of Hands on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

of 30 hours training session, Awarded on 28/04/2023

Course Instructor

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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Ms. Patil Meenakshi Bramhanand

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

of 30 hours training session, Awarded on 28/04/2023

Course Instructor

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Head of E&TC Department

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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Mr. Nimbalkar Shivraj Narayan

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

of 30 hours training session, Awarded on 28/04/2023

Course Instructor

Dr. Mrs. M. M. Pawar
Head of E&TC Department

Dr. B. P. Ronge
Principal

Shri Vithal Education & Research Institute's

College of Engineering, Pandharpur

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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Mr. Narsale Sudarshan Balasaheb

for successfully completing the course of Hands on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

of 30 hours training session, Awarded on 28/04/2023

Course Instructor	Dr. Mrs. M. M. Pawar Head of E&TC Department	Dr. B. P. Ronge Principal

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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Mr. Masal Vaibhav Chandrakant

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

of 30 hours training session, Awarded on 28/04/2023

Course Instructor

Dr. Mrs. M. M. Pawar
Head of E&TC Department

Dr. B. P. Ronge
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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Mr. Koli Krishna Mahadev

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

of 30 hours training session, Awarded on 28/04/2023

Course Instructor

Dr. Mrs. M. M. Pawar
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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Mr. Kharat Pranay Madhav

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

of 30 hours training session, Awarded on 28/04/2023

Course Instructor

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Dr. B. P. Ronge
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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Mr. Kavade Ganesh Dadarao

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

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Course Instructor

Dr. Mrs. M. M. Pawar
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B. Ronge

Dr. B. P. Ronge
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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Mr. Katare Aniket Suhas

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

of 30 hours training session, Awarded on 28/04/2023

Course Instructor

Dr. Mrs. M. M. Pawar
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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Mr. Kashid Aditya Bibhishan

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

of 30 hours training session, Awarded on 28/04/2023

Course Instructor

Dr. Mrs. M. M. Pawar
Head of E&TC Department

Dr. B. P. Ronge
Principal

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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Mr. Karande Sunil Shamrao

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2028 to 28/04/2028)

of 30 hours training session, Awarded on 28/04/2028

Course Instructor

Dr. Mrs. M. M. Pawar
Head of E&TC Department

B. Ronge

Dr. B. P. Ronge
Principal

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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Mr. Gophane Amol Mahadev

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

of 30 hours training session, Awarded on 28/04/2023

Course Instructor

Dr. Mrs. M. M. Pawar
Head of E&TC Department

Dr. B. P. Ronge
Principal

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(3.46/4.00 CGPA)

COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Mr. Gaikwad Sumedh Sanjaykumar

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

of 30 hours training session, Awarded on 28/04/2023

Course Instructor

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Head of E&TC Department

Dr. B. P. Ronge
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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Mr. fulpati shrinath Ashok

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023 to 28/04/2023

of 30 hours training session, Awarded on 28/04/2023

Course Instructor

Dr. Mrs. M. M. Pawar
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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Mr. Deshmukh Mahesh Sunil

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

of 30 hours training session, Awarded on 28/04/2028

Course Instructor

Dr. Mrs. M. M. Pawar
Head of E&TC Department

Dr. B. P. Ronge
Principal

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Ms. Phalphale Madhura Sunil

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Course Instructor

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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Ms. Sawant Kajal Tukaram

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

of 30 hours training session, Awarded on 28/04/2023

Course Instructor

Dr. Mrs. M. M. Pawar
Head of E&TC Department

Dr. B. P. Ronge
Principal

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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Ms. Sonar Trupti Govind

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Course Instructor

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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Mr. Sathe Abhishek Jaysing

for successfully completing the course of Hands-on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

of 30 hours training session, Awarded on 28/04/2023

Course Instructor

Dr. Mrs. M. M. Pawar
Head of E&TC Department

Dr. B. P. Ronge
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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Mr. Zingade Omkar Ankush

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Course Instructor

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This Certificate is awarded to :

Mr. Waghmode Pratyush Dinesh

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Course Instructor	Dr. Mrs. M. M. Pawar Head of E&TC Department	Dr. B. P. Ronge Principal

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This Certificate is awarded to :

Mr. Umbarkar Shripad Nishikant

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Course Instructor

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Head of E&TC Department

Dr. B. P. Ronge
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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Mr. Sherkane Shubham Atul

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Course Instructor

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COURSE COMPLETION CERTIFICATE

This Certificate is awarded to :

Mr. Rupanar Ganesh Nilappa

for successfully completing the course of Hands on experience on PLC and SCADA (24/04/2023 to 28/04/2023)

of 30 hours training session, Awarded on 28/04/2023

Course Instructor	Dr. Mrs. M. M. Pawar Head of E&TC Department	Dr. B. P. Ronge Principal

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This Certificate is awarded to :

Mr. Pol Rushikesh Uttam

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Course Instructor

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Course Instructor

Dr. Mrs. M. M. Pawar
Head of E&TC Department

B. Ronge

Dr. B. P. Ronge
Principal

नवराष्ट्र

डॉ. मीनाक्षी पवार : स्वेरीमध्ये पीएलसी व एससीएडीए याविषयी कार्यशाळा

विद्यार्थ्यांनी तंत्रज्ञानाचे कौशल्य वाढवावे

पंढरपूर, (वा.) 'विद्यार्थ्यांनी सॉफ्टवेअर सोबत हार्डवेअर क्षेत्रातील ज्ञान आत्मसात करून आपले कौशल्य वाढवावे.' असे प्रतिपादन इलेक्ट्रॉनिक्स अँड टेलिकम्युनिकेशन इंजिनिअरिंगच्या विभागप्रमुख डॉ. मीनाक्षी पवार यांनी केले. गोपाळपूर (ता. पंढरपूर) येथील श्री. विठ्ठल एज्युकेशन अँड रिसर्च इन्स्टिट्यूट संचलित कॉलेज ऑफ इंजिनिअरिंगमध्ये प्रोग्रामेबल लॉजिक कंट्रोलर (पीएलसी) व सुपरवायझरी कंट्रोल अँड डाटा ॲक्वीझेशन (एससीएडीए) याविषयी पाच दिवसीय कार्यशाळेचे आयोजन केले होते. यावेळी त्या बोलत होत्या.

स्वेरीचे संस्थापक सचिव व कॉलेज ऑफ इंजिनिअरिंगचे प्राचार्य डॉ. बी. पी. रोंगे यांच्या मार्गदर्शनाखाली, ट्रेनिंग व प्लेसमेंट विभागाच्या सहकार्याने आणि इलेक्ट्रॉनिक्स अँड टेलिकम्युनिकेशन इंजिनिअरिंगच्या विभागप्रमुख डॉ. मिनाक्षी पवार यांच्या

नेतृत्वाखाली आयोजित कार्यशाळेत अभियांत्रिकीच्या अंतिम वर्षातील विद्यार्थी व प्राध्यापकांनी सहभाग घेतला होता. या कार्यशाळेत मंगळूर (कर्नाटक) मधील इंडवेल ऑटोमेशनचे संस्थापक हिमांशु कुमार यांनी मार्गदर्शन केले. कार्यशाळेचे उद्घाटन डॉ. मिनाक्षी पवार यांनी केले.

यावेळी विद्यार्थ्यांना कोअर विभागातील नोकरीच्या कोणत्या संधी उपलब्ध आहेत, याविषयी माहिती देण्यात आली. यावेळी ट्रेनर हिमांशु कुमार यांनी स्वेरीच्या सहभागी विद्यार्थ्यांचे कौतुक करून त्यांना पुढील वाटचालीस शुभेच्छा दिल्या. याप्रसंगी स्वेरी व इंडवेल ऑटोमेशन, मंगळूर यांच्यामध्ये सामंजस्य करार करण्यात आला. कार्यशाळेत शंभर विद्यार्थ्यांनी सहभाग घेतला. सर्व सहभागी विद्यार्थ्यांना प्रमाणपत्रे देऊन गौरविण्यात आले. या कार्यशाळेत प्रा.जगदीश हल्लूर व प्रा. सागर वाघचवरे यांनी समन्वयक म्हणून काम पाहिले. सूत्रसंचालन सृष्टी जगदाळे यांनी केले. प्रा. महुआ विश्वास यांनी सर्वांचे आभार मानले.

एससीएडीए विषयावर मुलभुत प्रात्यक्षिके

सहभागी झालेल्या सर्व विद्यार्थ्यांना संबंधित विषयातील मुलभुत संकल्पना ते आधुनिक तंत्रज्ञान व प्रात्यक्षिक अनुभव करून दिला. पहिल्या दिवशी विद्यार्थ्यांना पीएलसीची मुलभुत ओळख करून देऊन त्याचे विविध औद्योगिक उपयोग यावर मार्गदर्शन केले. दुसऱ्या दिवशी लहान प्रात्यक्षिके व पीएलसी मध्ये वापरल्या जाणाऱ्या विविध इनपुट-आउटपुट स्वरूपाच्या उपकरणांची व त्यासाठी आवश्यक अशा सॉफ्टवेअरची ओळख करून देण्यात आली. कार्यशाळेच्या तिसऱ्या दिवशी एससीएडीए या विषयावरची मुलभुत प्रात्यक्षिके व त्याचा औद्योगिक क्षेत्रातील उपयोग यावर मार्गदर्शन केले. चौथ्या दिवशी विद्यार्थ्यांनी एसी मोटर वापरून छोटे प्रयोग केले. कार्यशाळेच्या शेवटच्या दिवशी एचएमआयचे उपयोग या विषयावर मार्गदर्शन केले. तसेच सहभागी विद्यार्थ्यांची परीक्षा घेऊन गुणवंत विद्यार्थ्यांचा सत्कार करण्यात आला.

Paschim Maharashtra Plus Edition
20 May 2023 Page No. 4
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SVERI's
College of Engineering, Pandharpur.

Electrical Engineering

Certificate Course

On

Electrical Vehicle Technology

Duration-19th September 2022 to 05th October 2022

Class: Final Year Electrical

A.Y. 2022-2023

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
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Department of Electrical Engineering

Date: 15/09/2022

Notice

All the students of Final Year B. Tech. (Electrical Engineering) are informed to note that, Department of Electrical Engineering has organized **certificate Course** on **'Electrical Vehicle Technology'** from **19th September 2022 to 05th October 2022**.

Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination.

All the concerned should take note and act accordingly.

Course Coordinator

HOD

HEAD
Dept. of Electrical Engg.
C.O.E. Pandharpur.

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Ref. No.: (OEPR/EE/2022-23/CC(EVT)/01 Date: -15/09/2022

OFFICE ORDER

All faculty members are hereby informed that, following committee has been constituted for Design and Development of Curriculum for **Certificate Course on 'Electrical Vehicle Technology'** for Final Year B. Tech. (Electrical Engineering) Semester-I of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Prof. D. D. Daphale	Chairman
2.	Prof. V. A. Sawant	Member
3.	Prof. S. V. Moholkar	Member

The above members are requested to design the curriculum for the said certificate course and submit final copy of the curriculum to the undersigned on or before 16/09/2022.

Please take a note of the same and act accordingly.

Head,
Elec. Engg. Dept.

HEAD
Dept. of Electrical Engg.
C.O.E. Pandharpur.

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Schedule for add on course on "Electrical Vehicles Technology"
Day wise Schedule & Contents from 19/09/2022 to 30/09/2022

Sr. No.	Date	Time	Duration	Details of Contents
1	19/09/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	History of Electric Vehicles (EVs)
2	20/09/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	social and environmentalimportance
3	21/09/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Impact of modern electric drive on energy supplies
4	22/09/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Basics of vehicle performance, vehicle power source characterization
5	23/09/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Electric vehicle components, Electrical mass and performance, electric motor and engine ratings, fuel economy
6	24/09/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Electric vehicle market
7	26/09/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Laws of motion, vehicle kinetics, motion dynamics
8	27/09/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	velocity and acceleration, force mechanics
9	28/09/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Braking Power and Energy on Front and Rear Wheels, Brake System
10	29/09/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Concept of Hybrid Electric Drive Trains
11	30/09/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Parallel hybrid electric drive trains storage technology, Mass Analysis and Packaging
12	01/10/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Economic Benefits, Electric Vehicle Supply Equipment
13	02/10/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Types of EV charging connector
14	04/10/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Plug-In Hybrid Electric Vehicle.
15	05/10/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Revision

Coordinator

HOD

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Dept. of Electrical Engg.
C.O.E. Pandharpur.

SVERI's
College of Engineering, Pandharpur

Electrical Engineering

Certificate Course

On

Electrical Vehicle Technology

Duration-19th September 2022 to 05th October 2022

Class: Final Year Electrical

Student Details

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
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List of Student Enrolled for Certificate Course on "Electrical Vehicle Technology"

Sr. No	Name of Student	Sr. No	Name of Student
1	/Bagal Priti Tanaji	38	Devkate Siddeshwar Anil
2	/Bodake Prajakta Mukund	39	Dudgikar Ameykumar Balkrishna
3	/Bogam Sindhu Shankar	40	Dudhal Suraj Jagannath
4	/Chavan Akanksha Bhimrao	41	Gadhave Suhas Laxman
5	/Dalave Aishwarya Dilip	42	Gaikwad Rushikesh Bandu
6	/Dhere Priyanka Maruti.	43	Gaikwad Vikrant Hanmant
7	/Dhobale Arati Mahadev	44	Gaikwad Vyanktesh Kailas
8	/Dhotre Ashwini Shahaji	45	Ghadage Sagar Dadasaheb
9	/Gaikwad Mohini Bapu	46	Giram Shivsharan Nagnath
10	/Ghadage Rutuja Bitu	47	Ingalgi Adnan Ahmed Akbar
11	/Gitte Rajshree Rajeshwar	48	Jamadar Abhishek Gensidha
12	/Jadhav Shraddha Vasudeo	49	Kambale Anil Ajinath
13	/Kambale Swapnali Namdev	50	Kambale Raviraj Jagannath
14	/Kamble Dnyaneshwari Sajjan	51	Kamble Pravin Laxman
15	/Khade Pratiksha Rajendra	52	Kate Shubham Chandrakant
16	/Kshirsagar Renuka Ramchandra	53	Kokare Sainath Jotiba
17	/Lingade Bharati Madhukar	54	Kolage Abhijit Chandrakant
18	/More Rani Jyoti	55	Kshirsagar Prashant Balu
19	/Padavale Prajakta Vitthal	56	Lokare Abhishek Rajendra
20	/Pandhare Manjili Bhagawan	57	Magar Nikhil Anurudra
21	/Patil Gauri Sanjay	58	Mali Suraj Tanaji
22	/Pukale Varsha Dada	59	More Harshal Shahaji
23	/Randive Vrushali Santosh	60	Pawar Sharad Ajinath
24	/Rathod Aishwarya Subhash	61	Sakhare Shreyash Avinash
25	/Raut Anmol Nanaso	62	Salunkhe Ramkrushn Bharat
26	/Salgar Priyanka Abaso	63	Shikare Dhuldev Tukaram
27	/Salunkhe Kajal Vilas	64	Shinde Harshvardhan Ramesh

28	/Sasane Panchashila Popat	65	Shiraskar Prashant Shivaji
29	/Shendage Chandana Sandipan	66	Sutar Abhishek Sanjay
30	/Yedravkar Snehal Vijay.	67	Swami Onkar Rameshchandra
31	Adhatrao Onkar Sanjay	68	Tele Akashay Rajendra
32	Avalekar Kishor Pandurang	69	Thavare Vishal
33	Bedage Jyotiram Arjun	70	Todkari Sachin Nagnath
34	Bhosale Rahul Eknath	71	Vathare Rushikesh Bapurao
35	Bichitkar Rohan Bhairu	72	Vibhute Dipak Vitthal
36	Deosthale Praduemna Ashish	73	Waghmode Kiran
37	Desai Kuldip Rangarao	74	Waydande Llakhan Kisan

Course Coordinator

HOD

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Dept. of Electrical Engg.
C.O.E. Pandharpur.

SVERI's
College of Engineering, Pandharpur

Electrical Engineering

Certificate Course

On

Electrical Vehicle Technology

Duration-19th September 2022 to 05th October 2022

Class: Final Year Electrical

Quiz & Marks

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Department of Electrical Engineering

Date: 06/10/2022

Notice

All the students of Final Year of academic year 2022-23 are hereby informed that their university exam of certificate course on "**Electrical Vehicle Technology**" is scheduled on 08/10/2022 at 11:00 am to 12:00 pm.

The exam will be MCQ based of 40 marks and of 02 credits. The exam will be carried out in offline mode.

The students should take a note of this.

H.O.D. EE

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Dept. of Electrical Engg.
C.O.E. Pandharpur.

Certificate Course on " Electrical Vehicle Technology" A.Y. 2022-23

All Questions are compulsory

dddaphale@coe.sveri.ac.in Switch account

* Indicates required question

Email *

Record **dddaphale@coe.sveri.ac.in** as the email to be included with my response

Roll No *

Your answer

Name *

Your answer

When was the first electric car invented? * 1 point

- a) 1830
- b) 1985
- c) 1832
- d) 1945

From where tractive effort is generated in EV * 1 point

- A: Battery
- B: Converter
- C: Driving Shaft
- Option D: Motor

Which Battery are preferred for EV * 1 point

- A: Lead-acid (Pb-acid)
- B: Lithium-ion (Li-ion)
- C: Sodium-sulphur (NaS)
- D: Nickel-cadmium (NiCd)

Which motor is suitable for high starting torque *

- A. DC Series motor
- B. DC shunt Motor
- C. DC separately Excited Motor
- D. Synchronous Motor

Who coined the term battery? *

- a) George Franklin
- b) Benjamin Fernandes
- c) Benjamin Franklin
- d) George Bush

Full form of ICV is _____ *

- a) Internal combustion vehicles
- b) Internet combustion vehicles
- c) Internally combined vehicles
- d) Internet combined vehicles

The inertia of an object tends to cause the object

- (a) to increase its speed
- (b) to decrease its speed
- (c to resist any change in the state of rest or of motion
- (d) to decelerate due to friction

The rate of change of momentum with respect to time is measured in *

- (a) kg ms-2
- (b) kg ms-1
- (c) kg m
- (d) kg

Newton's third law of motion explains the two forces namely 'action' and 'reaction' coming into action when the two bodies are in contact with each other. These two forces: *

- (a) Always act on the same body
- (b) Always act on the different bodies in opposite directions
- (c) Have the same magnitude and direction
- (d) Acts on either body at normal to each other

A force is defined as a * 1 point

- (a) Fall
- (b) Pull
- (c) Push or Pull
- (d) Push

The acceleration of an object is inversely proportional to: * 1 point

- (a) Force.
- (b) Momentum.
- (c) Mass.
- (d) Velocity.

What is the momentum of a body of mass 2m and velocity v/2? * 1 point

- (a) mv/4
- (b) mv
- (c) 2mv
- (d) mv/2

Velocity is defined as ____ per time. * 1 point

- a. distance
- b. displacement
- c. power
- d. acceleration

does the slope of the velocity-time graph give? * 1 point

- a. speed
- b. velocity
- c. acceleration
- d. displacement

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Certificate Course on "Electrical Vehicle Technology"

Sr. No	Name of Student	Obtained Marks (40)	Sr. No	Name of Student	Obtained Marks (40)
1	/Bagal Priti Tanaji	38	38	Devkate Siddeshwar Anil	38
2	/Bodake Prajakta	38	39	Dudgikar Ameykumar	36
3	/Bogam Sindhu Shankar	36	40	Dudhal Suraj	36
4	/Chavan Akanksha	40	41	Gadhave Suhas Laxman	38
5	/Dalave Aishwarya Dilip	40	42	Gaikwad Rushikesh Bandu	38
6	/Dhere Priyanka Maruti.	38	43	Gaikwad Vikrant Hanmant	38
7	/Dhobale Arati Mahadev	38	44	Gaikwad Vyanktesh Kailas	40
8	/Dhotre Ashwini Shahaji	36	45	Ghadage Sagar Dadasaheb	40
9	/Gaikwad Mohini Bapu	38	46	Giram Shivsharan Nagnath	38
10	/Ghadage Rutuja Bitu	38	47	Ingalgi Adnan Ahmed	36
11	/Gitte Rajshree	34	48	Jamadar Abhishek Gensidha	34
12	/Jadhav Shraddha	38	49	Kambale Anil Ajinath	38
13	/Kambale Swapnali	40	50	Kambale Raviraj Jagannath	38
14	/Kamble Dnyaneshwari	38	51	Kamble Pravin Laxman	36
15	/Khade Pratiksha	40	52	Kate Shubham Chandrakant	40
16	/Kshirsagar Renuka	40	53	Kokare Sainath Jotiba	40
17	/Lingade Bharati	38	54	Kolage Abhijit Chandrakant	38
18	/More Rani Jyoti	36	55	Kshirsagar Prashant Balu	38
19	/Padavale Prajakta Vitthal	34	56	Lokare Abhishek Rajendra	36
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24	/Rathod Aishwarya	38	61	Sakhare Shreyash Avinash	40
25	/Raut Anmol Nanaso	38	62	Salunkhe Ramkrushn Bharat	38
26	/Salgar Priyanka Abaso	36	63	Shikare Dhuldev Tukaram	40

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28	/Sasane Panchashila	38	65	Shiraskar Prashant Shivaji	38
29	/Shendage Chandana	38	66	Sutar Abhishek Sanjay	38
30	/Yedravkar Snehal Vijay.	38	67	Swami Onkar	38
31	Adhatrao Onkar Sanjay	40	68	Tele Akashay Rajendra	40
32	Avalekar Kishor	40	69	Thavare Vishal	40
33	Bedage Jyotiram Arjun	38	70	Todkari Sachin Nagnath	38
34	Bhosale Rahul Eknath	36	71	Vathare Rushikesh Bapurao	36
35	Bichitkar Rohan Bhairu	34	72	Vibhute Dipak Vitthal	34
36	Deosthale Praduemna	38	73	Waghmode Kiran	38
37	Desai Kuldip Rangarao	38	74	Waydande Llakhan Kisan	38

Course Coordinator

HOD

HEAD
Dept. of Electrical Engg.
C.O.E. Pandharpur.

SVERI's
College of Engineering, Pandharpur

Electrical Engineering

Certificate Course

On

Electrical Vehicle Technology

Duration-19th September 2022 to 05th October 2022

Overall attendance

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , **NAAC** A+ Accredited Institute,
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

Attendance Record

Electrical Vehicle Technology

Roll No	Name of Student	Date	19/9	20/9	21/9	22/9	23/9	24/9	26/9	27/9	28/9	29/9	30/9	1/10	2/10	4/10	5/10
		M. No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	/Bagal Priti Tanaji		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	/Bodake Prajakta Mukund		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	/Bogam Sindhu Shankar		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	/Chavan Akanksha Bhimrao		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	/Dalave Aishwarya Dilip		P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
6	/Dhere Priyanka Maruti.		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	/Dhobale Arati Mahadev		P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
8	/Dhotre Ashwini Shahaji		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	/Gaikwad Mohini Bapu		P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
10	/Ghadage Rutuja Bitu		P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
11	/Gitte Rajshree Rajeshwar		P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
12	/Jadhav Shraddha Vasudeo		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	/Kambale Swapnali Namdev		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	/Kamble Dnyaneshwari Sajjan		P	A	P	P	P	P	P	P	P	P	A	P	P	P	P
15	/Khade Pratiksha Rajendra		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	/Kshirsagar Renuka Ramchandra		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	/Lingade Bharati Madhukar		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	/More Rani Jyoti		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	/Padavale Prajakta Vitthal		A	P	P	P	P	P	P	P	P	P	P	A	P	P	P
20	/Pandhare Manjili Bhagawan		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	/Patil Gauri Sanjay		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	/Pukale Varsha Dada		P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
23	/Randive Vrushali Santosh		P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
24	/Rathod Aishwarya Subhash		P	P	P	P	P	P	P	P	A	P	P	A	P	P	P
25	/Raut Anmol Nanaso		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	/Salgar Priyanka Abaso		P	P	P	P	P	A	P	P	P	P	P	P	A	P	P
27	/Salunkhe Kajal Vilas		A	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Roll No	Name of Student	Date														
		M. No														
28	/Sasane Panchashila Popat		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	/Shendage Chandana Sandipan		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	/Yedravkar Snehal Vijay.		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	Adhatrao Onkar Sanjay		P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
32	Avalekar Kishor Pandurang		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	Bedage Jyotiram Arjun		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	Bhosale Rahul Eknath		P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
35	Bichitkar Rohan Bhairu		P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
36	Deosthale Praduemna Ashish		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	Desai Kuldip Rangarao		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	Devkate Siddeshwar Anil		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	Dudgikar Ameykumar Balkrishna		P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
40	Dudhal Suraj Jagannath		P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
41	Gadhave Suhas Laxman		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	Gaikwad Rushikesh Bandu		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	Gaikwad Vikrant Hanmant		P	P	P	P	A	P	P	P	P	P	P	P	A	P	P
44	Gaikwad Vyanktesh Kailas		P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
45	Ghadage Sagar Dadasaheb		P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
46	Giram Shivsharan Nagnath		P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
47	Ingalgi Adnan Ahmed Akbar		P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
48	Jamadar Abhishek Gensidha		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49	Kambale Anil Ajinath		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	Kambale Raviraj Jagannath		P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
51	Kamble Pravin Laxman		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	Kate Shubham Chandrakant		P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
53	Kokare Sainath Jotiba		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
54	Kolage Abhijit Chandrakant		A	P	P	P	A	P	P	P	P	P	P	P	P	P	P
55	Kshirsagar Prashant Balu		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
56	Lokare Abhishek Rajendra		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57	Magar Nikhil Anurudra		P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
58	Mali Suraj Tanaji		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
59	More Harshal Shahaji		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
60	Pawar Sharad Ajinath		P	P	P	P	P	P	A	P	P	A	P	P	A	P	P

Roll No	Name of Student	Date	19/9	20/9	21/9	22/9	23/9	24/9	26/9	27/9	28/9	29/9	30/9	1/10	2/10	4/10	5/10
		M. No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
64	Shinde Harshvardhan Ramesh		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
65	Shiraskar Prashant Shivaji		P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
66	Sutar Abhishek Sanjay		P	P	P	A	P	P	P	P	P	P	P	P	A	P	P
67	Swami Onkar Rameshchandra		P	A	P	P	P	P	P	P	P	P	A	P	P	P	P
68	Tele Akashay Rajendra		P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
69	Thavare Vishal		P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
70	Todkari Sachin Nagnath		P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
71	Vathare Rushikesh Bapurao		P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
72	Vibhute Dipak Vitthal		A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
73	Waghmode Kiran		P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
74	Waydande Llakhan Kisan		P	P	P	A	P	P	A	P	P	P	P	P	P	P	A

Course Coordinator

HOD

HEAD
Dept. of Electrical Engg.
C.O.E. Pandharpur.

SVERI's
College of Engineering, Pandharpur

Electrical Engineering

Certificate Course

On

Electrical Vehicle Technology

Duration-19th September 2022 to 05th October 2022

Class: Final Year Electrical

Certificates

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
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REPORT

The Department of Electrical Engineering conducted a certificate course on ***Electrical Vehicle Technology*** from **19th September 2022 to 05th October 2022**. The resource people for this certificate course were from SVERI's College of Engineering, Pandharpur. In this certificate course the student got the detail knowledge about basic idea, history and performance the Electrical Vehicle . They also got the knowledge how the Electrical vehicle will be important in near future . They also learnt about different parameters involved the performance of Electric Vehicle. Total **76 students of Final Year B. Tech** Electrical participated in this certificate course. All the faculty members from Electrical department worked actively for the successful completion of certificate course.

The Course outcomes for this course are:

1) **Student got the detail knowledge about Electrical Vehicle and it's important in upcoming days.**
2) **Student got the knowledge related to performance of Electric Vehicle.**

HOD

HEAD
Dept. of Electrical Engg.
C.O.E. Pandharpur

Shri Vithal Education & Research Institute's

College of Engineering, Pandharpur

Department of Electrical Engineering

Certificate of Participation

Certificate Course on

"Electric Vehicle Technology"

This is to certify that

Miss. Kshirsgar Renuka Ramchandra *of* **SVERI's College of Engineering, Pandharpur**

has completed certificate course (30 hrs) on " Electric Vehicle Technology" from 19th September to 05th October, 2022 Organized by *Department of Electrical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra*.

(Prof.D.D.Daphale)	(Dr. D.A.Tamboli)	(Dr. B. P. Ronge)
Coordinator	*HOD*	*Principal*

Shri Vithal Education & Research Institute's

College of Engineering, Pandharpur

Department of Electrical Engineering

Certificate of Participation

Certificate Course on

"Electric Vehicle Technology"

This is to certify that

Miss. Yadravkar Snehal Vijay *of* **SVERI's College of Engineering, Pandharpur**

has completed certificate course (30 hrs) on " Electric Vehicle Technology" from 19th September to 05th October, 2022 Organized by *Department of Electrical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra*.

(Prof.D.D.Daphale)	(Dr. D.A.Tamboli)	(Dr. B. P. Ronge)
Coordinator	*HOD*	*Principal*

Shri Vithal Education & Research Institute's

College of Engineering, Pandharpur

Department of Electrical Engineering

Certificate of Participation

Certificate Course on

"Electric Vehicle Technology"

This is to certify that

Mr. Devkate Siddheshwar Anil *of* **SVERI's College of Engineering, Pandharpur**

has completed certificate course (30 hrs) on " Electric Vehicle Technology" from 19th September to 05th October, 2022 Organized by *Department of Electrical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra*.

(Prof.D.D.Daphale)	(Dr. D.A.Tamboli)	(Dr. B. P. Ronge)
Coordinator	*HOD*	*Principal*

Shri Vithal Education & Research Institute's

College of Engineering, Pandharpur

Department of Electrical Engineering

Certificate of Participation

Certificate Course on

"Electric Vehicle Technology"

This is to certify that

Mr. Ghadage Sagar Dadasaheb *of* **SVERI's College of Engineering, Pandharpur**

has completed certificate course (30 hrs) on " Electric Vehicle Technology" from 19th September to 05th October, 2022 Organized by *Department of Electrical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra*.

(Prof.D.D.Daphale)	(Dr. D.A.Tamboli)	(Dr. B. P. Ronge)
Coordinator	*HOD*	*Principal*

Shri Vithal Education & Research Institute's

College of Engineering, Pandharpur

Department of Electrical Engineering

Certificate of Participation

Certificate Course on

"Electric Vehicle Technology"

This is to certify that

Miss. Bagal Priti Tanaji *of* **SVERI's College of Engineering, Pandharpur**

has completed certificate course (30 hrs) on " Electric Vehicle Technology" from 19th September to 05th October, 2022 Organized by *Department of Electrical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra*.

(Prof.D.D.Daphale)	(Dr. D.A.Tamboli)	(Dr. B. P. Ronge)
Coordinator	*HOD*	*Principal*

SVERI's
College of Engineering, Pandharpur

Department of Electrical Engineering

Certificate Course

On

Recent Trends in

Electrical Engineering

Duration- 1st Sept. 2022 to 17th Sept. 2022

Class: Third Year B.Tech.

A.Y. 2022-2023

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
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Date: 25/08/2022

Department of Electrical Engineering

Notice

All the students of Third Year B.Tech. (Electrical Engineering) are informed to note that, Department of Electrical Engineering has organized **certificate Course** on **'Recent Trends in Electrical Engineering'** from **1th Sept. 2022 to 17th Sept. 2022**.

Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination.

All the concerned should take note and act accordingly.

Course Coordinator

Head
Dept. of Electrical Engg.

HEAD
Dept. of Electrical Engg.
C.O.E. Pandharpur.

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
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Ref. No.: COEPR/EE/2022-23/CC(RTE)/01

Date: -25/08/2023

OFFICE ORDER

All faculty members are hereby informed that, following committee has been constituted for Design and Development of Curriculum for **Certificate Course on 'Recent Trends in Electrical Engineering'** for Third Year B.Tech. (Electrical Engineering) Semester-I of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Prof. M. K. Pawar	Chairman
2.	Prof. B. B. Gopnarayan	Member
3.	Prof. V. A. Sawant	Member

The above members are requested to design the curriculum for the said certificate course and submit final copy of the curriculum to theundersigned on or before 29/08/2022.

Please take a note of the same and act accordingly.

Head,
Dept. of Electrical Engg.

HEAD
Dept. of Electrical Engg.
C.O.E. Pandharpur.

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
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Schedule for add on course on "Recent Trends in Electrical Engineering"
Day wise Schedule& Contents from 1/09/2022 to 17/09/2022

Sr. No.	Date	Time	Duration	Details of Contents
1	01/09/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Introduction, Renewable Energy Integration
2	2/09/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Smart Grids
3	3/09/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Electric Vehicles (EVs)
4	5/09/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Power Electronics
5	6/09/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Energy Storage
6	7/09/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	IoT in Electrical Systems
7	8/09/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Machine Learning and AI and Cyber security in Electrical Systems
8	9/09/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Electrical Safety
9	10/09/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Nanotechnology in Electrical Engineering
10	12/09/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Power Quality and Reliability
11	13/09/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	High Voltage Engineering
12	14/10/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Energy Efficiency
13	15/10/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Micro-grids
14	16/10/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Electromagnetic Compatibility (EMC)
15	17/10/2022	09.00 am to 10.00 am 05.45 pm to 06.45 pm	2 Hours	Revision

Course Coordinator

Head
Dept. of Electrical Engg.

HEAD
Dept. of Electrical Engg.
C.O.E. Pandharpur.

SVERI's

College of Engineering, Pandharpur

Department of Electrical Engineering

Certificate Course

On

Recent Trends in

Electrical Engineering

Duration-1st Sept. 2022 to 17th Sept. 2022

Class: Third Year B.Tech.

Student Details

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
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List of Student Enrolled for Certificate Course on "Recent Trends in Electrical Engineering"

Sr. No	Name of Student	Sr. No	Name of Student
1	/ABHANGRAO SHOBHANA SANTOSH	39	KADAM SUSHANT CHANDRAKANT
2	/ANKALGI SHRUTI SHIVANAND	40	KALE AKSHAY DATTATRAY
3	/BACHUTE PALLAVI SURESH	41	KALE SATYAM HANUMANT
4	/BHOSALE PRACHI SANJAY	42	KHANDEKAR RAVIKANT SANJAY
5	/CHAVAN SONALI RAM	43	KOLEKAR DINESH RAVINDRA
6	/DALAVE DHANASHRI SHANKAR	44	KORAKE PRAMOD NAGANATH
7	/DEVMARE PRIYANKA SHANKAR	45	KSHIRSAGAR RUPESH RAJENDRA
8	/GAIKWAD AISHWARYA GURUPRASAD	46	KULKARNI SHREYAS SACHIN
9	/GHODAKE NAMRATA DILIP	47	LOKHANDE RUSHIRAJE BHASKAR
10	/KOKARE PALLAVI DATTATRAY	48	LOKHANDE SARTHAK SANJAY
11	/KOKATE POOJA AMBADAS	49	MALI SHUBHAM SANJAY
12	/LANDAGE SEEMA SHIVAJI	50	MOHITE HARSHVARDHAN UBHASH
13	/LOHAR SONAL PRASHANT	51	MORE MAKARDHWAJ MARUTI
14	/MANE PRADNYA SANJAY	52	MULE RAHUL RAVINDRA
15	/NAGANE KARTHIKA SUBASH	53	NAKATE ANIKET YASHWANT
16	/NAGTILAK ANISHA NITIN	54	NANAVARE NIKHIL SANJAY
17	/PARKALE JANHAVI SUNIL	55	NARALE VIKAS ASHOK
18	/PATIL MAHEK HUSEN	56	NIKAM ROHIT SANJAY
19	/PAWAR PRIYANKA ANKUSH	57	PADAWALE ANIKET HARI
20	/POTDAR DIPALI SHRIKANT	58	PATIL SAGAR UMESH
21	/SALUNKHE MONIKA MOHAN	59	PATIL SHREYANSH MAHAVEER
22	/SARVAGOD RUTUJA GANPAT	60	PAWAR GOVIND DNYANESHWAR
23	/SINDOL SHREYA KASHINATH	61	SAVANT SARTHAK HANUMANT
24	/VEDPATHAK PRAJAKTA SANJAY	62	SHAIKH AMAN ANWARHUSEN
25	/WAGHMARE VAISHNAVI DATTATRAY	63	SHEMBADE MAHESH DHULA
26	/WAGHMODE SHRUTIKA DHANANJAY	64	SHETE VIRAJ VASANT
27	BABAR NILESH MADHAVRAO	65	SHIKHARE SANTOSH NAVNATH
28	BABAR PRUTHVIRAJ LAHU	66	SHINDE AJAY ANIL
29	BHUSNAR GOVIND SUDHAKAR	67	SHINDE RUSHIKESH MADHUKAR
30	DANGE RUSHIKESH SAMBHAJI	68	SHINDE YOGESH NAGNATH
31	DHENDULE SHANTANU JAGANNATH	69	SULE SUNIL ARJUN
32	DOKE RUSHIKESH MAHADEV	70	SURWASE ROHAN NAVNATH
33	GORE VINAYAK DASHRATH	71	SURYAWANSHI TANMAY PRAKASH
34	HANMAWALE JAGDISH HIMASHANKAR	72	TAMBOLI AFTAB ALIM
35	HARSHVARDHAN ASHOK MURADE	73	TUPSAMINDAR PRATIK BABRUWAN
36	JADHAV AMIT ABHIMANYU	74	WAGHMARE RAJA PRAKASH
37	JADHAV ROHIT SUNIL	75	WAGHMARE SAGAR GURAPPA
38	JOKARE MALLIKARJUN GURUSHANT	76	YABAJI AJAY IRANNA

Course Coordinator

Head
HEAD
Dept. of Electrical Engg.
C.O.E. Pandharpur.

SVERI's

College of Engineering, Pandharpur

Department of Electrical Engineering

Certificate Course

On

Recent Trends in

Electrical Engineering

Duration-1st Sept. 2022 to 17th Sept. 2022

Class: Third Year B.Tech.

Quiz & Marks

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
B. No. 54, Gopalpur-Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216064, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H.Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , NAAC A+ Accredited Institute,
Accredited by The Institution of Engineers (India), Kolkata and TCS, PuneISO 9001-2015 Certified Institute

Date : 19/09/2022

Department of Electrical Engineering

Notice

All the students of Third Year of academic year 2022-23 are hereby informed that their university exam of certificate course on "**Recent Trends in Electrical Engineering**" is scheduled on 21/09/2022 at 11:00 am to 12:00 pm.

The exam will be MCQ based of 50 marks and of 02 credits. The exam will be carried out in offline mode.

The students should take a note of this.

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Certificate Course on "Recent Trends in Electrical Engineering" A.Y. 2022-23

All Questions are compulsory

* Indicates required question

1. Name of Student *

2. Email *

3. Class *

4. 1) Which of the following is/are components of an electric drive? *

Mark only one oval.

- a) Control unit and Power Modulator
- b) Electric Motor and Control System
- c) Input Command
- d) Sensing Device and Electric Motor

5. 2) Which of the following exhibits linearly rising load torque characteristics? *

Mark only one oval.

- a) Rolling Mills
- b) Fan load
- c) Separately excited dc generator connected to the resistive load
- d) Elevators

6. 3) Which of the following converter circuit operations will be unstable for a large duty cycle ratio? *

Mark only one oval.

- a) Boost converter
- b) Boost converter and Buck-Boost converter
- c) Buck converter
- d) Buck-Boost converter

7. 4) Which of the following motor can be referred as a universal motor? *

Mark only one oval.

- a) Permanent magnet motor
- b) DC shunt motor
- c) DC series motor
- d) DC compound motor

8. 5) Which of the following are used in preventing the hunting phenomenon in synchronous generators? *

Mark only one oval.

- a) Distributed winding
- b) Damper bars and short pitch chords
- c) Short pitch chords
- d) Damper bars

9. 6) A power system will have greater flexibility of operation if they have _____ *

Mark only one oval.

- a) Only Base load plants operating in combination
- b) Various types of power plants operating in combination
- c) Only Peak load plants operating in combination
- d) Only thermal power plants operating in combination

10. 7) Single line diagram does not represents: *

Mark only one oval.

- a) Ratings of machines
- b) Neutral wire of transmission lines
- c) Delta connection of transformer winding
- d) Star connection of transformer winding

11. 8) Single line diagram of which of the following power system is possible? *

Mark only one oval.

- a) Power system with LG fault
- b) Balanced power system
- c) Power system with LL fault
- d) Power system with LLG fault

12. 9) The given graph is the depiction of _____ on a large power system network. *

Mark only one oval.

- a) Three phase motor getting short
- b) L-G fault
- c) Ratings of machines
- d) Any of the mentioned

13. 10) Which of the following is not the feature of a modern control system? *

Mark only one oval.

- a) Correct power level
- b) No oscillation
- c) Quick response
- d) Accuracy

14. 11) What is the characteristic of a good control system? *

Mark only one oval.

- a) Insensitive to the parameter variation but sensitive to the input commands
- b) Neither sensitive to parameter variations nor sensitive to input commands
- c) Insensitive to the input command
- d) Sensitive to parameter variation

15. 12) A control system working under unknown random actions is called _____ *

Mark only one oval.

- a) Adaptive control system
- b) Stochastic control system
- c) Computer control system
- d) Digital data system

16. 13)What should be the nature of bandwidth for a good control system? *

Mark only one oval.

- a) Small
- b) Medium
- c) Large
- d) All of the mentioned

17. 14) Which of the following statement is true about Feedback control system? *

Mark only one oval.

- a) Equally sensitive to forward feedback path parameter changes
- b) Insensitive to both forward and feedback path parameter changes
- c) Less sensitive to feedback path parameter changes than to forward path parameter changes
- d) Less sensitive to forward path parameter changes than to feedback path parameter changes

18. 15) In a stable control system backlash can cause which of the following? *

Mark only one oval.

- a) Overdamping
- b) Low-level oscillations
- c) Underdamping
- d) Poor stability at reduced values of open loop gain

19. 16)Which of the following are used in preventing the hunting phenomenon in synchronous generators? *

Mark only one oval.

- a) Distributed winding
- b) Damper bars and short pitch chords
- c) Short pitch chords
- d) Damper bars

20. 17) Which of the following two windings produces/induces the working flux and working EMF respectively? *

Mark only one oval.

- a) field winding and armature winding
- b) armature winding and field winding
- c) both are produced in field winding
- d) both are produced in armature winding

21. 18) Field winding carries which of the following current? *

Mark only one oval.

- a) exciting current only
- b) load current only
- c) both exciting current and load current
- d) none of the mentioned

22. 19)The rating of the armature winding is _____ *

Mark only one oval.

- a) 1/2 to 2% of the rated power of the machine
- b) less than the power rating of the machine
- c) greater than the power rating of the machine
- d) equal to the power rating of the machine

23. 20)The power rating of the field winding is _____ *

Mark only one oval.

- a) equal to the power rating of the machine
- b) 1/2 to 2% of the rated power of the machine
- c) greater than the power rating of the machine
- d) less than the power rating of the machine

24. 21)What is the reason behind armature structure for both DC and AC machines being laminated? *

Mark only one oval.

- a) reduce i2R losses
- b) reduce the leakage flux
- c) reduce the eddy current losses
- d) for better operating power factor

25. 22)Why is the air gap between stator and rotor should be kept as small as mechanically possible in induction motor? *

Mark only one oval.

- a) to reduce the leakage flux between stator and rotor
- b) as it leads to better operating power factor of the induction motor
- c) reduce the eddy current losses
- d) both, to reduce leakage flux between stator and rotor, and also for better operating power factor

26. 23)Current in the field winding is _____ *

Mark only one oval.

- a) AC always
- b) DC always
- c) Both AC and DC
- d) Either AC or DC

27. 24)Which type of slots are used in the construction of large size and small size induction motors respectively? *

Mark only one oval.

- a) open slots and semiclosed slots
- b) semiclosed slots and open slots
- c) open slots and open slots
- d) semiclosed slots and semiclosed slots

28. 25) What are the advantages of providing the field winding on rotor and armature winding on the stator?

Mark only one oval.

- a) more economical
- b) more efficient
- c) efficient cooling
- d) all of the mentioned

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Overall attendance

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Attendance Record

Recent Trends in Electrical Engineering

Roll No	Name of Student	Date	1/9/22	2/9/22	3/9/22	5/9/22	6/9/22	7/9/22	8/9/22	9/9/22	10/9/22	12/9/22	13/9/22	14/9/22	15/9/22	16/9/22	17/9/22
		M. No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	/ABHANGRAO SHOBHANA SANTOSH		P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
2	/ANKALGI SHRUTI SHIVANAND		P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
3	/BACHUTE PALLAVI SURESH		P	P	P	P	P	P	A	A	P	P	P	P	P	P	P
4	/BHOSALE PRACHI SANJAY		P	P	P	P	P	P	P	P	A	P	P	P	P	P	A
5	/CHAVAN SONALI RAM		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	/DALAVE DHANASHRI SHANKAR		P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
7	/DEVMARE PRIYANKA SHANKAR		P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
8	/GAIKWAD AISHWARYA GURUPRASAD		A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	/GHODAKE NAMRATA DILIP		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	/KOKARE PALLAVI DATTATRAY		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	/KOKATE POOJA AMBADAS		P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
12	/LANDAGE SEEMA SHIVAJI		P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
13	/LOHAR SONAL PRASHANT		P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
14	/MANE PRADNYA SANJAY		P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
15	/NAGANE KARTHIKA SUBASH		P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
16	/NAGTILAK ANISHA NITIN		P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
17	/PARKALE JANHAVI SUNIL		P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
18	/PATIL MAHEK HUSEN		P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
19	/PAWAR PRIYANKA ANKUSH		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	/POTDAR DIPALI SHRIKANT		P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
21	/SALUNKHE MONIKA MOHAN		P	P	P	P	P	A	P	A	P	P	P	P	P	P	P
22	/SARVAGOD RUTUJA GANPAT		P	P	P	P	P	P	P	P	A	P	P	P	A	P	A
23	/SINDOL SHREYA KASHINATH		P	P	P	P	P	A	A	P	P	P	P	P	P	P	P
24	/VEDPATHAK PRAJAKTA SANJAY		P	A	P	P	P	P	P	P	A	P	P	P	P	P	P
25	/WAGHMARE VAISHNAVI DATTATRAY		A	P	P	P	A	P	P	P	P	P	P	A	P	P	P
26	/WAGHMODE SHRUTIKA DHANANJAY		P	P	P	P	A	P	P	A	P	P	P	P	P	P	P
27	BABAR NILESH MADHAVRAO		P	A	P	P	P	P	P	P	P	P	P	P	P	P	A

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		M. No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
28	BABAR PRUTHVIRAJ LAHU		P	P	P	P	P	A	P	P	P	P	P	A	P	P	P
29	BHUSNAR GOVIND SUDHAKAR		A	P	P	P	P	P	P	P	A	P	P	P	P	P	P
30	DANGE RUSHIKESH SAMBHAJI		P	P	P	P	P	P	P	A	P	P	P	A	P	P	P
31	DHENDULE SHANTANU JAGANNATH		P	P	P	P	A	P	P	P	P	P	A	P	P	P	P
32	DOKE RUSHIKESH MAHADEV		P	P	P	P	P	P	P	P	A	P	P	A	P	P	P
33	GORE VINAYAK DASHRATH		P	P	P	P	P	P	P	P	A	P	P	P	A	P	P
34	HANMAWALE JAGDISH BHIMASHANKAR		P	P	P	P	P	P	P	P	A	P	P	P	A	P	P
35	HARSHVARDHAN ASHOK MURADE		A	P	P	P	P	P	P	A	P	P	P	A	P	P	P
36	JADHAV AMIT ABHIMANYU		P	P	P	P	A	P	P	P	A	P	P	P	P	P	P
37	JADHAV ROHIT SUNIL		P	P	A	P	P	P	P	P	P	P	P	A	P	P	P
38	JOKARE MALLIKARJUN GURUSHANT		P	A	P	P	P	P	P	P	A	P	P	P	P	P	P
39	KADAM SUSHANT CHANDRAKANT		P	P	P	P	P	P	A	P	P	P	A	P	P	P	P
40	KALE AKSHAY DATTATRAY		P	P	P	P	P	P	A	P	P	P	P	P	A	P	P
41	KALE SATYAM HANUMANT		P	P	P	P	P	P	P	P	P	A	P	P	A	P	P
42	KHANDEKAR RAVIKANT SANJAY		P	P	P	A	P	P	P	P	P	P	P	A	P	P	P
43	KOLEKAR DINESH RAVINDRA		P	P	P	P	P	P	A	P	P	P	A	P	P	P	P
44	KORAKE PRAMOD NAGANATH		A	P	P	P	P	P	P	P	P	P	P	A	P	P	P
45	KSHIRSAGAR RUPESH RAJENDRA		P	P	P	P	P	P	P	P	P	A	P	P	A	P	P
46	KULKARNI SHREYAS SACHIN		P	P	P	P	P	P	A	P	P	P	P	A	P	P	P
47	LOKHANDE RUSHIRAJE BHASKAR		P	P	P	P	P	P	P	A	P	P	P	A	P	P	P
48	LOKHANDE SARTHAK SANJAY		P	P	P	A	P	P	P	P	A	P	P	A	P	P	P
49	MALI SHUBHAM SANJAY		P	P	P	P	P	P	A	P	P	P	P	A	P	P	P
50	MOHITE HARSHVARDHAN SUBHASH		P	P	P	P	A	P	P	P	P	P	P	P	A	P	P
51	MORE MAKARDHWAJ MARUTI		P	P	P	P	P	P	P	P	P	P	A	A	A	P	P
52	MULE RAHUL RAVINDRA		P	P	P	P	P	A	P	P	A	P	P	A	P	P	P
53	NAKATE ANIKET YASHWANT		P	A	P	P	P	P	P	P	P	P	A	P	P	P	P
54	NANAVARE NIKHIL SANJAY		P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
55	NARALE VIKAS ASHOK		P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
56	NIKAM ROHIT SANJAY		P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
57	PADAWALE ANIKET HARI		A	P	P	P	P	P	P	P	P	P	P	A	P	P	P
58	PATIL SAGAR UMESH		P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
59	PATIL SHREYANSH MAHAVEER		P	P	P	P	P	P	P	P	A	P	P	A	P	P	P
60	PAWAR GOVIND DNYANESHWAR		P	P	P	P	P	A	P	P	P	P	P	P	P	A	P

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61	SAVANT SARTHAK HANUMANT		P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P
62	SHAIKH AMAN ANWARHUSEN		A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
63	SHEMBADE MAHESH DHULA		P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P
64	SHETE VIRAJ VASANT		P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P
65	SHIKHARE SANTOSH NAVNATH		P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P
66	SHINDE AJAY ANIL		P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	A
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68	SHINDE YOGESH NAGNATH		P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P
69	SULE SUNIL ARJUN		P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P
70	SURWASE ROHAN NAVNATH		P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
71	SURYAWANSHI TANMAY PRAKASH		P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P
72	TAMBOLI AFTAB ALIM		P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P
73	TUPSAMINDAR PRATIK BABRUWAN		P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P
74	WAGHMARE RAJA PRAKASH		P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P
75	WAGHMARE SAGAR GURAPPA		A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
76	YABAJI AJAY IRANNA		P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P

Course Coordinator

Head
Dept. of Electrical Engg.

HEAD
Dept. of Electrical Engg.
C.O.E. Pandharpur.

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REPORT

The Department of Electrical Engineering conducted a certificate course on **Recent Trends in Electrical Engineering** from **1th Sept. 2022 to 17th Sept. 2022**. The resource people for this certificate course were from SVERI's College of Engineering, Pandharpur. In this certificate course the student got the detail knowledge about basic idea, history and performance the Electrical Vehicle .They also got the knowledge how the Electrical vehicle will be important in near future .They also learnt about different parameters involved the performance of Electric Vehicle. Total **76 students of Third Year B.Tech** Electrical participated in this certificate course. All the faculty members from Electrical department worked actively for the successful completion of certificate course.

The Course outcomes for this course are:

1) **Student got the detail knowledge about Recent Trends in Electrical Engineering.**
2) **Student aware about importance of Recent Trends in Electrical**

HEAD
Dept. of Electrical Engg.
C.O.E. Pandharpur.

SVERI's
College of Engineering, Pandharpur

Department of Electrical Engineering

Certificate Course
On
Recent Trends in
Electrical Engineering

Duration-1st Sept. 2022 to 17th Sept. 2022
Class: Third Year B.Tech.

Certificates

Shri Vithal Education & Research Institute's

College of Engineering, Pandharpur

Department of Electrical Engineering

Certificate of Participation

Certificate Course on

"Recent Trends in Electrical Engineering"

This is to certify that

Miss. Ankalgi Shruti Shivanand *of* **SVERI's College of Engineering, Pandharpur**

has completed certificate course (30 hrs) on "Recent Trends in Electrical Engineering" from 1st September to 17th September, 2022 Organized by *Department of Electrical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra*.

(Prof. M. K. Pawar)	(Dr. D.A.Tamboli)	(Dr. B. P. Ronge)
Coordinator	*HOD*	*Principal*

Shri Vithal Education & Research Institute's

College of Engineering, Pandharpur

Department of Electrical Engineering

Certificate of Participation

Certificate Course on

"Recent Trends in Electrical Engineering"

This is to certify that

Miss. Sarvagod Rutuja Ganpat *of* **SVERI's College of Engineering, Pandharpur**

has completed certificate course (30 hrs) on "Recent Trends in Electrical Engineering" from 1st September to 17th September, 2022 Organized by *Department of Electrical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra*.

(Prof. M. K. Pawar)	(Dr. D.A.Tamboli)	(Dr. B. P. Ronge)
Coordinator	*HOD*	*Principal*

Shri Vithal Education & Research Institute's

College of Engineering, Pandharpur

Department of Electrical Engineering

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This is to certify that

Miss. Sindol Shreya Kshinath *of* **SVERI's College of Engineering, Pandharpur**

has completed certificate course (30 hrs) on "Recent Trends in Electrical Engineering" from 1st September to 17th September, 2022 Organized by *Department of Electrical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra*.

(Prof. M. K. Pawar)	(Dr. D.A.Tamboli)	(Dr. B. P. Ronge)
Coordinator	*HOD*	*Principal*

Shri Vithal Education & Research Institute's

College of Engineering, Pandharpur

Department of Electrical Engineering

Certificate of Participation

Certificate Course on

"Recent Trends in Electrical Engineering"

This is to certify that

Miss. Shete Viraj Vasant *of* **SVERI's College of Engineering, Pandharpur**

has completed certificate course (30 hrs) on "Recent Trends in Electrical Engineering" from 1st September to 17th September, 2022 Organized by *Department of Electrical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra*.

(Prof. M. K. Pawar)	(Dr. D.A.Tamboli)	(Dr. B. P. Ronge)
Coordinator	*HOD*	*Principal*

Shri Vithal Education & Research Institute's

College of Engineering, Pandharpur

Department of Electrical Engineering

Certificate of Participation

Certificate Course on

"Recent Trends in Electrical Engineering"

This is to certify that

Miss. Patil Sagar Umesh *of* **SVERI's College of Engineering, Pandharpur**

has completed certificate course (30 hrs) on "Recent Trends in Electrical Engineering" from 1st September to 17th September, 2022 Organized by *Department of Electrical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra*.

(Prof. M. K. Pawar)	(Dr. D.A.Tamboli)	(Dr. B. P. Ronge)
Coordinator	*HOD*	*Principal*

SVERI's
College of Engineering, Pandharpur

Electrical Engineering

Certificate Course

On

Introduction to Python Programming

Duration-13th March 2023 to 24th March 2023

Class: Second Year Electrical

A.Y. 2022-2023

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail: coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to P.A.H.Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and, **NAAC** A+ Accredited Institute,
Accredited by the Institute of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

Department of Electrical Engineering

Date: 10/03/2023

Notice

All the students of Second Year B. Tech. (Electrical Engineering) are informed to note that, Department of Electrical Engineering has organized **certificate Course** on **'Introduction to Python Programming'** from **13th March 2023 to 24th March 2023**.

Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination.

All the concerned should take note and act accordingly.

Course Coordinator

HOD
HEAD
Dept. of Electrical Engg.
C.O.E. Pandharpur.

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Ref. No.: COERR/EE/2022-23/CC(IPP)/01 Date: - 09/03/2023

OFFICE ORDER

All faculty members are hereby informed that, following committee has been constituted for Design and Development of Curriculum for **Certificate Course on 'Introduction to Python Programming'** for Second Year B. Tech. (Electrical Engineering) Semester-II of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Dr. M. P. Thakre	Chairman
2.	Prof. H. M. Mallad	Member
3.	Prof. M. K. Pawar	Member

The above members are requested to design the curriculum for the said certificate course and submit final copy of the curriculum to the undersigned on or before 10/03/2023.

Please take a note of the same and act accordingly.

Head,
Elec. Engg. Dept.

HEAD
Dept. of Electrical Engg.
C.O.E. Pandharpur.

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Schedule for add on course on "Introduction to Python Programming"
Day wise Schedule from 13/03/2023 to 24/03/2023

Sr. No.	Date	Time	Duration	Contents
1	13/03/2023	8:00 A.M. to 10:00 A.M.	2 Hours	Introduction of Python and installation of python software
		6:45 P.M. to 7.45 P.M.	1 Hours	Features of Python, Identifiers and Keywords
2	14/03/2023	8:00 A.M. to 10:00 A.M.	2 Hours	Arithmetic operations.
		6:45 P.M. to 7.45 P.M.	1 Hours	Mathematical functions available in Python.
3	15/03/2023	8:00 A.M. to 10:00 A.M.	2 Hours	Syntax and structure of Python programs.
		6:45 P.M. to 7.45 P.M.	1 Hours	Writing and executing a simple Python script.
4	16/03/2023	8:00 A.M. to 10:00 A.M.	2 Hours	Lists, tuples, and dictionaries.
		6:45 P.M. to 7.45 P.M.	1 Hours	Basic operations on these data structures.
5	17/03/2023	8:00 A.M. to 10:00 A.M.	2 Hours	Membership operators
		6:45 P.M. to 7.45 P.M.	1 Hours	Inbuilt Functions
6	18/03/2023	8:00 A.M. to 10:00 A.M.	2 Hours	Making HTTP requests.
		6:45 P.M. to 7.45 P.M.	1 Hours	Handling API responses.
7	20/03/2023	8:00 A.M. to 10:00 A.M.	2 Hours	Import Random, Binary Search
		6:45 P.M. to 7.45 P.M.	1 Hours	Reading and writing File
8	21/03/2023	8:00 A.M. to 10:00 A.M.	2 Hours	Advanced Python, OOPs Concept
		6:45 P.M. to 7.45 P.M.	1 Hours	Using logical operators (and, or, not).
9	23/03/2023	8:00 A.M. to 10:00 A.M.	2 Hours	Writing complex conditions.
		6:45 P.M. to 7.45 P.M.	1 Hours	Understanding variables and their types.
10	24/03/2023	8:00 A.M. to 10:00 A.M.	2 Hours	Exploring numeric, string, and boolean data types.
		6:45 P.M. to 7.45 P.M.	1 Hours	Collaborative or individual project to apply learned concepts.

Coordinator

HoD

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SVERI's

College of Engineering, Pandharpur

Electrical Engineering

Certificate Course

On

Introduction to Python Programming

Duration-13th March 2023 to 24th March 2023

Class: Second Year Electrical

Student Details

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
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List of Student Enrolled for Certificate Course on "Introduction to Python Programming"

Sr. No	Name of Student	Sr. No	Name of Student
1	/BARANGULE PRAJAKTA DATTA	38	VYAVAHARE AISHWARYA BALABHIM
2	/BHALDAR TANJIM PAPALAL	39	/WAGHMARE SUPRIYA SURESH
3	/CHAUDHARI DIPALI SUNIL	40	AMBARE SARVADNYA DATTATRAY
4	/CHAVAN MEGHA MAHESH	41	BANSODE TUSHAR MASU
5	/DOKE SAKSHI ASHOK	42	BHURATE DINESH SHIVAJI
6	/GADEKAR HARSHA SARJERAO	43	BIRADAR RAHUL REVANASIDDA
7	/GODAGE DIKSHA SUDHIR	44	DESHMUKH ONKAR CHANDRAKANT
8	/HIPPARAGI SHRUSHTI MALAKAPPA	45	DESHMUKH DIGVIJAY BALASAHEB
9	/JADHAV NIKITA KALYAN	46	DHAYGUDE AJIT DADA
10	/KADAM PATIL SAKSHI MAHENDRA	47	DHUMAL ANIKET PANDURANG
11	/KALE ROHINI SURESH	48	DIGHE KESHAV ASHOK
12	/KAMBALE PALLAVI RAMKRUSHNA	49	DODAKE ROHIT RAHUL
13	/KARALE SAKSHI KANTILAL	50	DUDHAGI YOGESH VIJAY
14	/KASHID PRANITA JAMBUVANT	51	GAIKWAD VINIT SAYAJI
15	/KAWADE ASMITA MANMATH	52	GANDHALE DATTATRAYA VINAYAK
16	/KHADE APEKSHA RAJENDRA	53	GHADGE DHANRAJ SAHEBRAO
17	/KHEDEKAR SANTOSHI VASANT	54	GHODAKE SANJAY SURESH
18	/LAKHARA JYOTI	55	GODASE VIKAS RAJARAM
19	/LAVATE JAGRUTI BABASAHEB	56	JADKAR TUSHAR VIJAY
20	/MAGAR SHRADDHA SANJAY	57	JAMDADE PRATHAMESH SANJAY
21	/MHETRE NIKITA	58	KALE DIGVIJAY SURESH
22	/MORE VAIBHAVI CHANDRAKANT	59	KAMBLE KARTIK BAPU
23	/NAGANE PRAGATI SHIVAJI	60	KENGAR VIRAJ NATHAJI
24	/NALAWADE VEDITA SANJAY	61	KOLEKAR VISHAL RAMDAS
25	/NEMTE ARTI LAXMAN	62	KUMBHARKAR CHAITANYA DIPAK
26	/NIKAM JAYASHRI KAKASO	63	MANE ONKAR VISHNU
27	/PASARE MANASI ISHWAR	64	MOKASHE DHANANJAY SANJIVAN
28	/PATIL AYESHA TAYYEB	65	MULANI YASIN KALINDAR
29	/PAWAR SHWETA HANUMANT	66	MULE SAURABH BHASKAR
30	/SANTANI MANN	67	MUNDHE TEJAS SATISH

31	/SARVAGOD AISHWARYA SUDHIR	68	PATHAN NIHAL SATTAR
32	/SHELAKE SWATI SARJERAO	69	SARADE ABHIJEET BABASAHEB
33	/SUDAKE PUNAM CHANDRAKANT	70	SAVALE KAILAS PRAKASH
34	/SUGANDHI ARCHANA SATISH	71	SHETGAR SHUBHAM VIJAY
35	/SUL SHUBHANGI SATYAWAN	72	SHINDE SHUBHAM CHANDRAKANT
36	/THORAT KIRTI DASHARATH	73	SHINDE ROHAN SUBHASH
37	/VYAVAHARE SHRADDHA SHIVAJI	74	TAD SHRIYASH BANDU
75	UTPAT SHREE GOPAL	76	YEOLE YOGESH ASHOK

Course Coordinator

HOD

HEAD
Dept. of Electrical Engg.
C.O.E. Pandharpur.

SVERI's
College of Engineering, Pandharpur

Electrical Engineering

Certificate Course

On

Introduction to Python Programming

Duration-13th March 2023 to 24th March 2023

Class: Second Year Electrical

Quiz & Marks

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
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Department of Electrical Engineering

Date: 25/03/2023

Notice

All the students of Second Year of academic year 2022-23 are hereby informed that their exam of certificate course on **'Introduction to Python Programming'** is scheduled on 27/03/2023 at 11:00 am to 12:00 pm.

The exam will be MCQ based of 50 marks and of 02 credits. The exam will be carried out in offline mode.

The students should take a note of this.

H.O.D. EE
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Dept. of Electrical Engg.
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SVERI's College of Engineering Pandharpur
Department of Electrical Engineering

Certificate Course on
Introduction to Python Programming

Date: 27/3/2023 Time: 11:00 A.M. to 12:00 P.M.

Instructions:
1. All Questions are Compulsory
2. Each question consists of 2 Marks

---

1. What is Python?
a. High-level programming language
b. Low-level programming language
c. Assembly language
d. Machine code

2. Which of the following is a correct variable name in Python?
a. 1stVariable
b. my_variable
c. variable-1
d. global

3. What is the output of print(3 * 2) in Python?
a. 5
b. 6
c. 32
d. 8

4. Which keyword is used for defining a function in Python?
a. def
b. function
c. define
d. fun

5. How is a single-line comment created in Python?
a. // This is a comment
b. /* This is a comment */
c. # This is a comment
d. -- This is a comment

6. What is the purpose of the 'input()' function in Python?
a. Display output
b. Read user input
c. Perform mathematical calculations
d. Define a variable

7. Which data type is used for storing a sequence of characters in Python?
a. int
b. float
c. str
d. list

8. What does the expression 5 // 2 evaluate to in Python?
a. 2.5
b. 2.0
c. 3
d. 2

9. What is the correct way to check if a variable x is equal to 10 in Python?
a. if x = 10:
b. if x == 10:
c. if x === 10:
d. if x equal 10:

10. Which of the following is a valid way to create a list in Python?
a. list = [1, 2, 3]
b. list = (1, 2, 3)
c. list = {1, 2, 3}
d. list = "1, 2, 3"

11. What is the purpose of the 'for' loop in Python?
a. To define a function
b. To perform a repetitive task a fixed number of times
c. To make decisions based on conditions
d. To read user input

12. Which of the following is not a valid way to open a file in Python?
a. file = open("example.txt", "r")
b. file = open("example.txt", "w")
c. file = open("example.txt", "read")
d. file = open("example.txt", "a")

13. What is the purpose of the 'len()' function in Python?
a. Find the logarithm
b. Get the length of a string or list
c. Calculate a square root
d. Round a number to the nearest integer

14. In Python, how do you comment on multiple lines of code?
a. /* This is a comment */
b. // This is a comment //
c. ''' This is a comment '''
d. # This is a comment #

15. What is the result of the expression 2 ** 3 in Python?
a. 5
b. 6
c. 8
d. 16

16. What does the 'else' statement do in Python?
a. It is used to define a function
b. It is executed if the 'if' condition is true
c. It is executed if the 'if' condition is false
d. It is used for error handling

17. Which of the following is a valid way to concatenate two strings in Python?
a. str1 . str2
b. str1 + str2
c. str1 - str2
d. str1 * str2

18. What is the purpose of the 'and' operator in Python?
a. Bitwise AND
b. Logical AND
c. String concatenation
d. Exponentiation

19. How do you convert a string to an integer in Python?
a. int("42")
b. str(42)
c. float("42")
d. numeric("42")

20. Which of the following is a correct way to remove an item from a list in Python?
a. list.remove(item)
b. list.pop(item)
c. del list[item]
d. list.delete(item)

21. What does the 'break' statement do in a loop in Python?
a. Exits the loop and continues with the next iteration
b. Exits the loop entirely
c. Skips the current iteration and continues with the next one
d. Starts a new loop

22. What is the purpose of the 'tuple' data type in Python?
a. To store a sequence of elements
b. To store a single value
c. To represent an ordered, immutable sequence
d. To perform mathematical calculations

23. Which of the following is a valid way to import a module named 'math' in Python?
a. include math
b. import math
c. use math
d. importing math

24. What does the 'pass' statement do in Python?
a. It generates a random number
b. It is a placeholder that does nothing
c. It ends the program
d. It skips the current iteration of a loop

25. How do you round a floating-point number to the nearest integer in Python?
a. round_up()
b. ceil()
c. round()
d. floor()

SVERI's College of Engineering Pandharpur
Department of Electrical Engineering

Certificate Course on
Introduction to Python Programming
Obtained Marks

Date: 27/3/2023 Time: 11:00 A.M. to 12:00 P.M.

Roll No.	Name of Student	Marks	Roll No.	Name of Student	Marks
SY01	/BARANGULE PRAJAKTA DATTA	44	SY39	/WAGHMARE SUPRIYA SURESH	42
SY02	/BHALDAR TANJIM PAPALAL	42	SY40	AMBARE SARVADNYA DATTATRAY	44
SY03	/CHAUDHARI DIPALI SUNIL	44	SY41	BANSODE TUSHAR MASU	46
SY04	/CHAVAN MEGHA MAHESH	46	SY42	BHURATE DINESH SHIVAJI	38
SY05	/DOKE SAKSHI ASHOK	38	SY43	BIRADAR RAHUL REVANASIDDA	36
SY06	/GADEKAR HARSHA SARJERAO	36	SY44	DESHMUKH ONKAR CHANDRAKANT	42
SY07	/GODAGE DIKSHA SUDHIR	38	SY45	DESHMUKH DIGVIJAY BALASAHEB	44
SY08	/HIPPARAGI SHRUSHTI MALAKAPPA	46	SY46	DHAYGUDE AJIT DADA	42
SY09	/JADHAV NIKITA KALYAN	48	SY47	DHUMAL ANIKET PANDURANG	44
SY10	/KADAM PATIL SAKSHI MAHENDRA	44	SY48	DIGHE KESHAV ASHOK	46
SY11	/KALE ROHINI SURESH	42	SY49	DODAKE ROHIT RAHUL	38
SY12	/KAMBALE PALLAVI RAMKRUSHNA	44	SY50	DUDHAGI YOGESH VIJAY	36
SY13	/KARALE SAKSHI KANTILAL	46	SY51	GAIKWAD VINIT SAYAJI	38
SY14	/KASHID PRANITA JAMBUVANT	38	SY52	GANDHALE DATTATRAYA VINAYAK	46
SY15	/KAWADE ASMITA MANMATH	36	SY53	GHADGE DHANRAJ SAHEBRAO	48
SY16	/KHADE APEKSHA RAJENDRA	38	SY54	GHODAKE SANJAY SURESH	46
SY17	/KHEDEKAR SANTOSHI VASANT	46	SY55	GODASE VIKAS RAJARAM	42
SY18	/LAKHARA JYOTI	48	SY56	JADKAR TUSHAR VIJAY	34
SY19	/LAVATE JAGRUTI BABASAHEB	46	SY57	JAMDADE PRATHAMESH SANJAY	44
SY20	/MAGAR SHRADDHA SANJAY	42	SY58	KALE DIGVIJAY SURESH	42
SY21	/MHETRE NIKITA	34	SY59	KAMBLE KARTIK BAPU	44
SY22	/MORE VAIBHAVI CHANDRAKANT	38	SY60	KENGAR VIRAJ NATHAJI	46
SY23	/NAGANE PRAGATI SHIVAJI	46	SY61	KOLEKAR VISHAL RAMDAS	38
SY24	/NALAWADE VEDITA SANJAY	48	SY62	KUMBHARKAR CHAITANYA DIPAK	36
SY25	/NEMTE ARTI LAXMAN	46	SY63	MANE ONKAR VISHNU	38
SY26	/NIKAM JAYASHRI KAKASO	42	SY64	MOKASHE DHANANJAY SANJIVAN	46
SY27	/PASARE MANASI ISHWAR	34	SY65	MULANI YASIN KALINDAR	48

SY28	/PATIL AYESHA TAYYEB	44	SY66	MULE SAURABH BHASKAR	46
SY29	/PAWAR SHWETA HANUMANT	42	SY67	MUNDHE TEJAS SATISH	44
SY30	/SANTANI MANN	44	SY68	PATHAN NIHAL SATTAR	42
SY31	/SARVAGOD AISHWARYA SUDHIR	46	SY69	SARADE ABHIJEET BABASAHEB	44
SY32	/SHELAKE SWATI SARJERAO	38	SY70	SAVALE KAILAS PRAKASH	46
SY33	/SUDAKE PUNAM CHANDRAKANT	36	SY71	SHETGAR SHUBHAM VIJAY	38
SY34	/SUGANDHI ARCHANA SATISH	38	SY72	SHINDE SHUBHAM CHANDRAKANT	36
SY35	/SUL SHUBHANGI SATYAWAN	46	SY73	SHINDE ROHAN SUBHASH	38
SY36	/THORAT KIRTI DASHARATH	48	SY74	TAD SHRIYASH BANDU	46
SY37	/VYAVAHARE SHRADDHA SHIVAJI	46	SY75	UTPAT SHREE GOPAL	48
SY38	/VYAVAHARE AISHWARYA BALABHIM	42	SY76	YEOLE YOGESH ASHOK	46

Coordinator

HoD

HEAD
Dept. of Electrical Engg.
C.O.E. Pandharpur.

SVERI's
College of Engineering, Pandharpur

Electrical Engineering

Certificate Course

On

Introduction to Python Programming

Duration-13th March 2023 to 24th March 2023

Overall attendance

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
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Attendance Record

Introduction to Python Programming

Roll No	Name of Student	Date	13/03	14/03	15/03	16/03	17/03	18/03	20/03	21/03	23/03	24/03
		M. No	1	2	3	4	5	6	7	8	9	10
1	/BARANGULE PRAJAKTA DATTA		P	P	P	P	P	P	P	P	P	P
2	/BHALDAR TANJIM PAPALAL		P	P	P	P	P	P	P	P	P	P
3	/CHAUDHARI DIPALI SUNIL		P	P	P	P	P	P	P	P	P	P
4	/CHAVAN MEGHA MAHESH		P	P	P	P	P	P	P	P	P	P
5	/DOKE SAKSHI ASHOK		P	P	P	P	P	P	P	P	P	P
6	/GADEKAR HARSHA SARJERAO		P	P	P	P	P	P	P	P	P	P
7	/GODAGE DIKSHA SUDHIR		P	A	P	P	P	P	P	P	P	P
8	/HIPPARAGI SHRUSHTI MALAKAPPA		P	P	P	P	P	P	P	P	P	P
9	/JADHAV NIKITA KALYAN		P	P	P	P	P	P	P	P	P	P
10	/KADAM PATIL SAKSHI MAHENDRA		P	P	P	P	P	A	P	P	P	P
11	/KALE ROHINI SURESH		P	P	P	P	P	P	P	P	P	P
12	/KAMBALE PALLAVI RAMKRUSHNA		P	P	P	P	P	P	P	P	P	P
13	/KARALE SAKSHI KANTILAL		P	P	P	A	P	P	P	P	P	P
14	/KASHID PRANITA JAMBUVANT		P	P	P	P	P	P	P	P	A	P
15	/KAWADE ASMITA MANMATH		P	P	P	P	P	P	P	P	P	P
16	/KHADE APEKSHA RAJENDRA		P	P	P	P	P	P	P	A	P	P
17	/KHEDEKAR SANTOSHI VASANT		P	P	P	P	P	P	P	P	P	P
18	/LAKHARA JYOTI		P	P	P	P	P	P	P	P	P	P
19	/LAVATE JAGRUTI BABASAHEB		P	P	P	P	P	P	P	P	P	P
20	/MAGAR SHRADDHA SANJAY		P	A	P	P	P	P	P	P	P	P
21	/MHETRE NIKITA		P	P	P	P	P	P	A	P	P	P
22	/MORE VAIBHAVI CHANDRAKANT		P	P	P	P	P	P	P	P	P	P
23	/NAGANE PRAGATI SHIVAJI		A	P	P	P	P	P	P	P	P	P
24	/NALAWADE VEDITA SANJAY		P	P	P	P	P	P	P	P	P	P
25	/NEMTE ARTI LAXMAN		P	P	P	P	P	P	P	P	P	A
26	/NIKAM JAYASHRI KAKASO		P	P	P	P	A	P	P	P	P	P
27	/PASARE MANASI ISHWAR		P	P	P	P	P	P	P	P	P	P

Roll No	Name of Student	Date	13/03	14/03	15/03	16/03	17/03	18/03	20/03	21/03	23/03	24/03
		M. No	1	2	3	4	5	6	7	8	9	10
28	/PATIL AYESHA TAYYEB		P	P	P	P	P	P	P	P	P	P
29	/PAWAR SHWETA HANUMANT		P	P	P	P	P	P	P	P	P	P
30	/SANTANI MANN		P	P	P	P	P	P	P	P	P	P
31	/SARVAGOD AISHWARYA SUDHIR		P	P	P	P	P	P	P	P	P	P
32	/SHELAKE SWATI SARJERAO		P	P	P	P	P	P	P	P	P	P
33	/SUDAKE PUNAM CHANDRAKANT		P	P	P	P	P	P	P	P	P	P
34	/SUGANDHI ARCHANA SATISH		P	P	P	P	P	P	P	P	P	P
35	/SUL SHUBHANGI SATYAWAN		P	P	P	P	P	P	P	P	P	P
36	/THORAT KIRTI DASHARATH		P	P	P	P	P	P	P	P	P	P
37	/VYAVAHARE SHRADDHA SHIVAJI		P	P	P	P	P	P	P	P	P	P
38	/VYAVAHARE AISHWARYA BALABHIM		A	P	P	P	P	P	P	P	P	P
39	/WAGHMARE SUPRIYA SURESH		P	P	P	P	P	P	P	P	P	P
40	AMBARE SARVADNYA DATTATRAY		P	A	P	P	P	P	P	P	P	P
41	BANSODE TUSHAR MASU		P	P	P	P	P	P	P	P	P	P
42	BHURATE DINESH SHIVAJI		P	P	A	P	P	P	P	P	P	P
43	BIRADAR RAHUL REVANASIDDA		P	P	P	P	P	P	P	P	P	P
44	DESHMUKH ONKAR CHANDRAKANT		P	P	P	P	P	P	P	P	P	P
45	DESHMUKH DIGVIJAY BALASAHEB		P	P	P	P	P	P	P	P	P	P
46	DHAYGUDE AJIT DADA		P	P	P	P	P	P	P	P	P	P
47	DHUMAL ANIKET PANDURANG		P	P	P	P	P	P	P	P	P	P
48	DIGHE KESHAV ASHOK		P	P	P	A	P	P	P	P	P	P
49	DODAKE ROHIT RAHUL		P	P	P	P	P	P	P	P	P	P
50	DUDHAGI YOGESH VIJAY		P	P	P	P	A	P	P	A	P	A
51	GAIKWAD VINIT SAYAJI		P	P	P	P	P	P	P	P	A	P
52	GANDHALE DATTATRAYA VINAYAK		P	P	P	P	P	A	P	P	P	P
53	GHADGE DHANRAJ SAHEBRAO		P	P	P	P	P	P	P	P	P	P
54	GHODAKE SANJAY SURESH		P	P	P	P	P	P	P	P	P	P
55	GODASE VIKAS RAJARAM		P	P	P	P	P	P	P	P	P	P
56	JADKAR TUSHAR VIJAY		P	P	P	P	P	P	A	P	P	P
57	JAMDADE PRATHAMESH SANJAY		P	P	P	P	P	P	P	P	P	P
58	KALE DIGVIJAY SURESH		P	P	P	P	P	P	P	P	P	P
59	KAMBLE KARTIK BAPU		P	P	P	P	P	P	P	P	P	P
60	KENGAR VIRAJ NATHAJI		P	P	P	P	P	P	P	P	P	P

Roll No	Name of Student	Date	1 13/03	2 14/03	3 15/03	4 16/03	5 17/03	6 18/03	7 20/03	8 21/03	9 23/03	10 24/03
61	KOLEKAR VISHAL RAMDAS		P	P	P	P	P	P	P	P	P	P
62	KUMBHARKAR CHAITANYA DIPAK		P	P	P	P	P	P	P	P	P	P
63	MANE ONKAR VISHNU		P	P	P	P	P	P	P	P	P	A
64	MOKASHE DHANANJAY SANJIVAN		P	A	P	P	P	P	P	P	P	P
65	MULANI YASIN KALINDAR		P	P	P	A	P	P	P	P	P	P
66	MULE SAURABH BHASKAR		A	P	P	P	P	P	P	P	P	P
67	MUNDHE TEJAS SATISH		P	P	P	P	A	P	P	P	P	P
68	PATHAN NIHAL SATTAR		P	P	P	P	P	P	A	P	P	P
69	SARADE ABHIJEET BABASAHEB		P	P	P	P	P	P	P	P	P	A
70	SAVALE KAILAS PRAKASH		P	P	P	P	P	P	P	P	P	P
71	SHETGAR SHUBHAM VIJAY		P	P	P	P	P	P	P	P	P	P
72	SHINDE SHUBHAM CHANDRAKANT		P	P	P	P	P	P	P	P	P	P
73	SHINDE ROHAN SUBHASH		P	P	P	P	P	P	P	P	P	P
74	TAD SHRIYASH BANDU		P	P	P	P	P	P	P	P	P	P
75	UTPAT SHREE GOPAL		P	P	A	P	P	P	P	P	P	P
76	YEOLE YOGESH ASHOK		P	P	P	P	P	P	P	P	P	P

Course Coordinator

HOD

HEAD
Dept. of Electrical Engg.
C.O.E. Pandharpur.

SVERI's
College of Engineering, Pandharpur

Electrical Engineering

Certificate Course

On

Introduction to Python Programming

Duration-13th March 2023 to 24th March 2023

Class: Second Year Electrical

Certificates

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Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

REPORT

The Department of Electrical Engineering conducted a certificate course on ***Introduction to Python Programming*** **from 13th March 2023 to 24th March 2023**. The resource people for this certificate course were from SVERI's College of Engineering, Pandharpur. In this certificate course the student got the detail knowledge about basic idea of Python Programming. They also got the knowledge how the Python Programming tool used for the different areas. They also learnt about different parameters involved the Python Programming. Total **76 students of Second Year B. Tech** Electrical participated in this certificate course. All the faculty members from Electrical department worked actively for the successful completion of certificate course.

The Course outcomes for this course are:

1) **Student got the detail knowledge about basic Python Programming.**
2) **Student got the knowledge related to use Python Programming in different areas.**

HEAD

SVERI

SVERI's College of Engineering, Pandharpur

Certificate of Participation

Certificate Course

on

INTRODUCTION TO PYTHON PROGRAMMING

This is to certify that Mr./Miss. CHAVAN MEGHA MAHESH has completed certificate course (30 hrs.) on **"Introduction To Python programming"** from **13 Mar. 2023 to 24 Mar. 2023** Organized by Department of Electrical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.

Mr. D. D. Daphale Coordinator	Dr. D. A. Tamboli Head	Dr. B. P. Ronge Principal

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SVERI's College of Engineering, Pandharpur

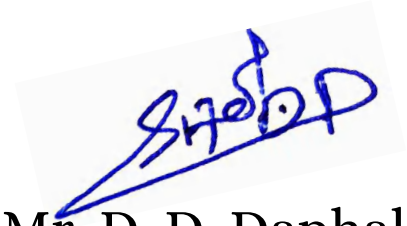
Certificate of Participation

Certificate Course

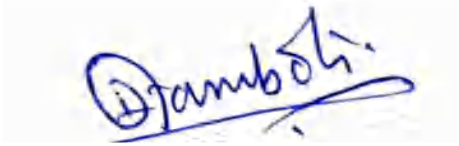
on

INTRODUCTION TO PYTHON PROGRAMMING

This is to certify that Mr./Miss JADHAV NIKITA KALYAN has completed certificate course (30 hrs.) on **"Introduction To Python programming"** from **13 Mar. 2023 to 24 Mar. 2023** Organized by Department of Electrical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.



Mr. D. D. Daphale
Coordinator



Dr. D. A. Tamboli
Head

Dr. B. P. Ronge
Principal

SVERI

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Certificate of Participation

Certificate Course

on

INTRODUCTION TO PYTHON PROGRAMMING

This is to certify that Mr./Miss. KALE ROHINI SURESH has completed certificate course (30 hrs.) on **"Introduction To Python programming"** from **13 Mar. 2023 to 24 Mar. 2023** Organized by Department of Electrical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.

Mr. D. D. Daphale
Coordinator

Dr. D. A. Tamboli
Head

Dr. B. P. Ronge
Principal

SVERI

SVERI's College of Engineering, Pandharpur

Certificate of Participation

Certificate Course

on

INTRODUCTION TO PYTHON PROGRAMMING

This is to certify that Mr./Miss. KALE DIGVIJAY SURESH has completed certificate course (30 hrs.) on **"Introduction To Python programming"** from **13 Mar. 2023 to 24 Mar. 2023** Organized by Department of Electrical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.

Mr. D. D. Daphale Coordinator	Dr. D. A. Tamboli Head	Dr. B. P. Ronge Principal

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SVERI's College of Engineering, Pandharpur

Certificate of Participation

Certificate Course

on

INTRODUCTION TO PYTHON PROGRAMMING

This is to certify that Mr./Miss. MULANI YASIN KALINDAR has completed certificate course (30 hrs.) on **"Introduction To Python programming"** from **13 Mar. 2023 to 24 Mar. 2023** Organized by Department of Electrical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.

Mr. D. D. Daphale Coordinator	Dr. D. A. Tamboli Head	Dr. B. P. Ronge Principal

SVERI's

College of Engineering, Pandharpur

Computer Science and Engineering

Certificate Course

On

"C & C++"

Duration – 19th Sept. to 23rd Sept. 2022

Class: S. Y. B. Tech

SEM: I

A.Y.: 2022-23

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ISO 9001:2015

REPORT

The Department of Computer Science & Engineering conducted online **Certificate course** on ***C & C++*** **from 19/09/2022 to 23/09/2022**. The resource person for this certificate course was Mr.Prashant Jha. In this certificate course the student got the detail knowledge about C & C++ Language and its various applications in the field of academics, research & industry. Domestic and industrial applications of C & C++ Language with practical on CSE application have been covered in this certificate course. **All students of S. Y. CSE participated in this certificate course**. All the faculty members from CSE department worked actively for the successful completion of certificate course.

The Course outcomes for this course are:

1) **Student got the knowledge about which are the new opportunity available for business in C & C++ Language.**
2) **Student understood the application of C & C++ Language.**

Course Coordinator

S.P. Pawar
Head, CSE Dept.

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Date: 17/09/2022

Department of Computer Science and Engineering
Notice

As per the Circular from Punyashlok Ahilyadevi Holkar Solapur University, Solapur in regard of Certificate Courses bearing Ref. No. PAHSU/BOEE/452 dated 22/05/2021: all the students of S. Y. CSE are informed to note that, it is compulsory for students of CSE to complete Certificate course from A.Y.2022-2023. Accordingly, Department of CSE has organized **Certificate Courses** on **'C & C++'** from **19th Sept. to 23rd Sept. 2022.**

Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination.

All the concerned should take note and act accordingly.

Program Co-ordinator

S. P. Pawar
Head, CSE Dept.

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Date: 17/09/2022

OFFICE ORDER

Following committee has been constituted for Design and Development of Curriculum for **Certificate course 'C & C++'** for S. Y CSE of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Prof. P. A. Satarkar	Chairman
2.	Prof. N. D. Deval	Member

The above members are requested to design the curriculum for the said Certificate Courses and submit final copy of the curriculum to the undersigned on or before 19/09/2022.

Please take a note of the same and act accordingly.

S.P. Pawar
Head, CSE Dept.

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Date: 17/09/2022

Department of Computer Science and Engineering

Schedule for Certificate Courses on "**C & C++**" day wise schedule
From: 19/09/2022 to 23/09/2022

Sr. No.	Day & Date	Contents
1	**Day1** 19/09/2022	'What is Programming Language? 'What is Modular Programming? Introduction & History of 'C Language 'What is Compiler? Types of Translator. Introduction of Turbo Compiler. Tokens in 'C' Language Ex. Reserved Keywords, Identifier, Special Symbol, Operators, Constants, String Introduction of Data Types & Variable. Increment/Decrement Operator Implicit Typecasting, Explicit Typecasting Formatted / Unformatted I/o Introduction of First 'C' Program Architecture Ex. Header Files, Main Function Input/output Library Function, Basic Programming syntax. Programming 'Comments, How to save, Compile & Run Program Practical

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Sr. No.	Day & Date	Contents
2	**Day2** 20/09/2022	Introduction of If-Else. Introduction of Ladder if Introduction of Nested If-Else 'Example of If-Else Introduction of Switch Case Switch ease with integer case 'Switch ease with character Understanding the switch case with or without break Introduction of Loop. Types & Parts of Loop. Nested For Loop Break, Continue, go to, return Jump Statement 1D Array, 2D Array Pointer with Array & Function, Scalar Factor 'Null Pointer, Genie Pointer or Void Pointer 'Dangling Pointer Practical's
3	**Day3** 21/09/2022	Introduction of function Different Parts of function Prototype Declaration of Function How To Pass Parameter in Function Call By Value, Call By Reference

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Sr. No.	Day & Date	Contents
		Discussion of Advantage of function Recursion Function 'Storage Class- auto ,extern ,static, register Dynamic Memory Allocation String Handling String Library Function Structure, Union, Enumeration, Typedef Practical
4	**Day4** 22/09/2022	Project Requirement Specifications Requirement Analysis Group Formations Development Testing
5	**Day5** 23/09/2022	Introduction of Object Oriented Programming? Difference between Object Oriented & Modular Programing language. Introduction & History of C++ language Introduction of Object oriented principle- Abstraction, Encapsulation, Polymorphism, Inheritance Introduction of Class & Object

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Sr. No.	Day & Date	Contents
		Introduction & Types of Access Modifier in C++. Input/Output Header files in C++. Implementation of Class & Object Access Modifier. Introduction of Constructor. Type of Constructor Properties of Constructor how to Implement Constructor & Its Advantage. Quiz Practical's

S.P. Pawar
Head, CSE Dept.

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Department of Computer Science and Engineering

Online Certificate Course on

C & C++

A.Y. 2022-23 SEM: I

CLASS: S. Y. (CSE) DIV: A & B

Course Duration: - 19th Sept 2022 to 23rd Sept 2022

Assessment Procedure:

- **Eligibility Criterion:** A participant who will attend 75 % sessions will be eligible for Final Test.
- **Final Test:** Performance of participant will be assessed on the basis of passing in the Final Test with at least 50% marks.
- Only those participants who meet the passing standard for the assessment will be awarded the certificate.

Course Coordinator

S.P. Pawar
Head, CSE Dept.

SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR

ACADEMIC YEAR: 2022-23

PROGRAM: UNDER GRADUATE IN COMPUTER SCIENCE AND ENGINEERING

CLASS: SECOND YEAR

Sr. No.	Student Name
1	ANUSE SANJEEVANI RAHUL
2	FASE ANUSHKA MILIND
3	BAGAL ROHINI PANDURANG
4	AMBULE YOGESH UTTAM
5	PATIL GAURI ANIL
6	MASAL DIPALI TANAJI
7	GURAV SNEHAL SHIVAJI
8	RATHOD SWARUPA SUDHAKAR
9	UMARANI GAURAKKA AMASIDDHA
10	GURAV SHAVARSIDDHA NAGNATH
11	WALE DEVAKI SANTOSH
12	TINWALE NAGMA SALAMAT
13	MORE SHRUTI DATTATRAY
14	RAJMANE GAURI DATTATRAY
15	MALI PRAJAKTA ASHOK
16	GADADE VISHAL BANDU
17	BAGAL DHANASHREE YASHWANT
18	TARANGE SUPRIYA LAXMAN
19	VASEKAR POOJA LAXMAN
20	GIRAM AKANKSHA ANIL
21	DESHMUKH ADITYA DATTATRAY
22	KHAIRE SAKSHI KIRAN
23	KSHIRSAGAR KOMAL MADHUKAR
24	GANESHKAR ABOLI RAJENDRA
25	KHATAVKAR SUYASH SANJAY
26	KSHITIJA VIKAS AWAD
27	SANKET SOMNATH KOLI
28	TAMBOLI SABIYA ABDULKARIM
29	JADHAV DINESH BHASKAR
30	SAKSHI DHANAJI SHINDE
31	MUSALE RACHNA RAJKUMAR
32	DHAWARE PRADIP BALASAHEB
33	RAJAGE VISHAL HANMANT
34	RAUT VISHAL RAJARAM
35	HAJARE PRAVIN GORAKH
36	CHAVAN ROHIT DATTATRAY

37	RAUT ANJALI SANJAY
38	MATADE AJINKYA SANJAY
39	GAIKWAD PRAJKTA VIJAY
40	KARANDE NIKITA SURESH
41	WAGHMARE AMIT ANANDA
42	WAGHMARE MAHADEV HANUMANT
43	PATOLE VARUNRAJ DHANANJAY
44	RATHOD YASHPALSINH ANIL
45	KANDE ASHISH RAJENDRA
46	GAIKWAD AADESH SHAHURAJ
47	PARDESHI YOGIRAJ DNYANDEV
48	PAWAR ONKAR ANIL
49	OMKAR ASHOK GAVALI
50	PATIL MAYURI SANJAY
51	KACHARE GANESH RAJARAM
52	KOKATE SANDHYA RAJU
53	PATIL PRATHAMESH ANANDRAO
54	PAWAR SANKET RAMESH
55	MISAL NIKITA HANMANT
56	THONGE RUTUJA SHIVRAJ
57	NIKAM TEJASWINI TANAJI
58	GHULE ONKAR KISAN
59	CHAVAN SHRUTIKA SATISH
60	JAGDALE MAHESH BAHIRU
61	GHADAGE JANHAVI JOTIBA
62	CHAVHAN MAYURI SANJAY
63	RAUT SHIVANJALI SHIVAJI
64	SHELAKE ANKITA GANESH
65	BAGALI SEEMA SURESH
66	CHORADE ABHIJIT VISHWNATH
67	DHAPATE AJIT SURYAKANT
68	BUKKA SIDDHALING CHOUDAPPA
69	BOTRE RAJ RAMESH
70	NARKHEDKAR ANURADHA CHANDRAKANT
71	KENGAR PANDURANG GANPAT
72	CHANDANSHIVE PRAJWAL ARUN
73	SUTAR PRATIK SANTOSH
74	ALASHETTI LAXMAN SHIVANAND
75	PAWAR TANVI VIJAY
76	SAMIKSHA VASANTRAO PATIL
77	GHODAKE SHITAL MANIK

78	JAGTAP NAMRATA UMESH
79	SHINDE PRAVIN KUNDALIK
80	KUMBHAR KALYANI VIJAY
81	BABAR VISHAKHA VISHNU
82	MHETRE RAHUL SANGAPPA
83	MAHESH ABHAY JOSHI
84	SHINDE SAMRUDDHI SHASHANK
85	KHUNE AISHWARYA VIJAYKUMAR
86	GHAYAL SHRIKANT HANMANT
87	THORAT VRUSHAL BHARAT
88	GAIKWAD VISHWAJEET SATISH
89	INAMDAR MOHAMMEDSAHBI SALIM
90	KACHARE SAMEER MANIK
91	GAIKWAD RUTUJA AVINASH
92	GHOLAVE NEHA SHIVAJI
93	SHELKE VAISHNAVI KAKASAHEB
94	SHIKETOD SAMRUDDHI RAJARAM
95	PATIL RUSHIKESH SUDHAKAR
96	LOMATE MAHESH SHIVAJI
97	VIVEK DATTATRAY JONG
98	CHAVAN DHIRAJ AJAY
99	DARADE SNEHAL BAJARANG
100	GHATULE SAURABH MUKESH
101	KATKAR SHIVANI RAJENDRA
102	SHINDE ATHARV GHANSHYAM
103	PAWAR SUSHANT NAVNATH
104	DEOKAR OMKAR ASHOK
105	CHAVAN MADHURA BALASAHEB
106	SHINDE RUTURAJ PANDURANG
107	CHAVAN ROHAN RAM
108	VASEKAR ASMITA RAJKUMAR
109	KAPARE AVINASH KALYAN
110	KASHID VAISHNAVI RAMESHWAR
111	THONGEPATIL ATHARV SANTOSH
112	SHINGARE YASH RAJESH
113	NALAWADE SAURABH RAOSAHEB
114	GODASE PRATIK SATISH
115	JADHAV DIGVIJAY SITARAM
116	KORAKE MANASI SANJAY
117	CHAVAN GAURI SANJAY
118	PAWAR SANIKA NAGNATH

119	KOLI ARYAN SANJAY
120	KALUNGE PRATHAMESH MARUTI
121	TATE VAISHNAVI PANDURANG
122	KOLHAL PRACHI PRAKASH
123	SARADE NAGESH ABASO
124	BHUSARE DNYANESHWAR DASHARATH
125	KULKARNI YASH SATISH
126	JADHAV AMOL DATTATRAY
127	SOMDALE MAYURI MARUTI
128	GAJARE SHUBHAM SAMBHAJI
129	NAGTILAK PRATIK ABHIMAN
130	PAWAR KAJAL VIJAY
131	MORE SAKSHI BALASO
132	DHENGALE ROHAN RAJKUMAR
133	PATIL SANIKA RAJENDRA
134	SHETE ROHAN DNYANESHWAR
135	KULKARNI MADHURA RAGHUNATH
136	MARDA SHRIDHAR SHRINIVAS
137	JADHAV PRAJAKTA DNYANDEV
138	SHETE SRUSHTI DARMENDRA
139	BARSAWADE VINA SANJAY
140	CHIKANI MANIKANTA BHALCHANDRA
141	KORE OM SHASHIKANT
142	KOKARE AHILYA VITTHAL
143	FATTEPURKAR MRUNAL MAHESH
144	NADAF AMAN AKBAR
145	KHATKALE PRANALI MOHAN
146	PATIL SUYESHA SANTOSH
147	DUBAL SAURABH MOHAN
148	CHAKUR SHWETA RAMESH
149	ADELI RAJANNA LAXMINARAYAN
150	BALLA SHRUTI MURLIDHAR
151	GHATKAMBLE UMESH MADHUKAR
152	MADANE ISHWARI RAJSHEKHAR
153	CHOUGULE DINESH ABHIMANYU
154	RANDAVE TANUJA APPA
155	ANPAT KOMAL BALASAHEB
156	KALEKAR VAIBHAVI ANIL
157	NAROTE SANJANA BANSIDHA
158	MISAL SANKET DATTATRAY
159	GODASE TANUJA RAMESHWAR

160	SHETE SANIKA SACHIN
161	HARWALKAR OM JAGANNATH
162	KULKARNI SWARALI SANTOSH
163	SHETE SAMRUDDHI KASHINATH
164	VAGARE SWATI SADASHIV
165	VIJAPURE ADITYA BASAVARAJ
166	MENDGUDLE SAMRUDDHI SANJAY
167	KANAKI PRIYANKA MANOHAR
168	GHODAKE AISHWARYA ANAND

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
COLLGE OF ENGINEERING, PANDHARPUR.
Department of Computer Science & Engineering
Academic Year 2022-23 of SY(CSE)I-A

Date & Time
19/9/22 11am to 1am morning

Roll. No.	NAME OF STUDENT	Sign	Roll. No	NAME OF STUDENT	Sign
1	Jadhav Prajakta Dnyandev		41	Shete Rohan Dnyaneshwar	
2	Tate Vaishnavi Pandurang		42	Chavan Rohit Dattatray	
3	Giram Akanksha Anil		43	Inamdar Mohammed Sahbi Salim	
4	Karande Nikita Suresh		44	Bhusare Dnyaneshwar Dasharath	
5	Ghadage Janhavi Jotiba		45	Marda Shridhar Shrinivas	
6	Mali Prajakta Ashok		46	Rathod Yashpalsinh Anil	
7	More Shruti Dattatray		47	Shingare Yash Rajesh	
8	Kulkarni Madhura Raghunath		48	Shinde Ruturaj Pandurang	A
9	Khune Aishwarya Vijaykumar		49	Jadhav Amol Dattatray	
10	Vasekar Pooja Laxman		50	Kachare Ganesh Rajaram	
11	Awad Kshitija Vikas		51	Hajare Pravin Gorakh	
12	Narkhedkar Anuradha Chandrakant		52	Jadhav Dinesh Bhaskar	
13	Chavan Madhura Balasaheb	A	53	Godase Pratik Satish	
14	Wale Devaki Santosh		54	Pawar Sushant Navnath	
15	Kumbhar Kalyani Vijay		55	Kapare Avinash Kalyan	
16	Masal Dipali Tanaji		56	Botre Raj Ramesh	
17	Fase Anushka Milind		57	Patil Rushikesh Sudhakar	
18	Bagal Rohini Pandurang		58	Khatavkar Suyash Sanjay	
19	Thonge Rutuja Shivraj		59	Pardeshi Yogiraj Dnyandev	
20	Darade Snehal Bajarang		60	Kengar Pandurang Ganpat	
21	Chavan Shrutika Satish		61	Dhaware Pradip Balasaheb	A
22	Patil Mayuri Sanjay		62	Nagtilak Pratik Abhiman	
23	Shinde Samruddhi Shashank		63	Koli Sanket Somnath	
24	Gaikwad Prajkta Vijay		64	Ghule Onkar Kisan	
25	Shiketod Samruddhi Rajaram		65	Chandanshive Prajwal Arun	
26	Raut Anjali Sanjay		66	Ghatule Saurabh Mukesh	
27	Somdale Mayuri Maruti		67	Dhengale Rohan Rajkumar	
28	Anuse Sanjeevani Rahul		68	Deshmukh Aditya Dattatray	
29	Misal Nikita Hanmant		69	Gadade Vishal Bandu	
30	Musale Rachna Rajkumar		70	Waghmare Mahadev Hanumant	
31	Gurav Snehal Shivaji		71	Rajage Vishal Hanmant	
32	Tinwale Nagma Salamat		72	Pawar Sanket Ramesh	
33	Nikam Tejaswini Tanaji		73	Gajare Shubham Sambhaji	A
34	Kolhal Prachi Prakash		74	Ambule Yogesh Uttam	
35	Vasekar Asmita Rajkumar		75	Gavali Omkar Ashok	
36	Pawar Sanika Nagnath		76	Kande Ashish Rajendra	A
37	Umarani Gaurakka Amasiddha				
38	Chavhan Mayuri Sanjay				
39	Kalunge Prathamesh Maruti				
40	Gurav Shavarsiddha Nagnath				

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COLLGE OF ENGINEERING, PANDHARPUR.
Department of Computer Science & Engineering
Academic Year 2022-23 of SY(CSE)I-A

Date & Time

19/9/22 2pm to 5:30 pm

Roll. No.	NAME OF STUDENT	Sign	Roll. No	NAME OF STUDENT	Sign
1	Jadhav Prajakta Dnyandev		41	Shete Rohan Dnyaneshwar	
2	Tate Vaishnavi Pandurang		42	Chavan Rohit Dattatray	
3	Giram Akanksha Anil		43	Inamdar Mohammed Sahbi Salim	
4	Karande Nikita Suresh		44	Bhusare Dnyaneshwar Dasharath	
5	Ghadage Janhavi Jotiba		45	Marda Shridhar Shrinivas	
6	Mali Prajakta Ashok		46	Rathod Yashpalsinh Anil	
7	More Shruti Dattatray		47	Shingare Yash Rajesh	
8	Kulkarni Madhura Raghunath		48	Shinde Ruturaj Pandurang	A
9	Khune Aishwarya Vijaykumar		49	Jadhav Amol Dattatray	
10	Vasekar Pooja Laxman		50	Kachare Ganesh Rajaram	
11	Awad Kshitija Vikas		51	Hajare Pravin Gorakh	
12	Narkhedkar Anuradha Chandrakant	A	52	Jadhav Dinesh Bhaskar	
13	Chavan Madhura Balasaheb	A	53	Godase Pratik Satish	
14	Wale Devaki Santosh		54	Pawar Sushant Navnath	
15	Kumbhar Kalyani Vijay		55	Kapare Avinash Kalyan	
16	Masal Dipali Tanaji		56	Botre Raj Ramesh	
17	Fase Anushka Milind		57	Patil Rushikesh Sudhakar	
18	Bagal Rohini Pandurang		58	Khatavkar Suyash Sanjay	
19	Thonge Rutuja Shivraj		59	Pardeshi Yogiraj Dnyandev	
20	Darade Snehal Bajarang		60	Kengar Pandurang Ganpat	
21	Chavan Shrutika Satish		61	Dhaware Pradip Balasaheb	
22	Patil Mayuri Sanjay		62	Nagtilak Pratik Abhiman	
23	Shinde Samruddhi Shashank		63	Koli Sanket Somnath	
24	Gaikwad Prajkta Vijay		64	Ghule Onkar Kisan	
25	Shiketod Samruddhi Rajaram		65	Chandanshive Prajwal Arun	
26	Raut Anjali Sanjay		66	Ghatule Saurabh Mukesh	
27	Somdale Mayuri Maruti		67	Dhengale Rohan Rajkumar	
28	Anuse Sanjeevani Rahul		68	Deshmukh Aditya Dattatray	
29	Misal Nikita Hanmant		69	Gadade Vishal Bandu	
30	Musale Rachna Rajkumar		70	Waghmare Mahadev Hanumant	
31	Gurav Snehal Shivaji		71	Rajage Vishal Hanmant	
32	Tinwale Nagma Salamat		72	Pawar Sanket Ramesh	
33	Nikam Tejaswini Tanaji		73	Gajare Shubham Sambhaji	A
34	Kolhal Prachi Prakash		74	Ambule Yogesh Uttam	A
35	Vasekar Asmita Rajkumar		75	Gavali Omkar Ashok	
36	Pawar Sanika Nagnath		76	Kande Ashish Rajendra	A
37	Umarani Gaurakka Amasiddha				
38	Chavhan Mayuri Sanjay				
39	Kalunge Prathamesh Maruti				
40	Gurav Shavarsiddha Nagnath				

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
COLLGE OF ENGINEERING, PANDHARPUR.
Department of Computer Science & Engineering
Academic Year 2022-23 of SY(CSE)I-B

Date & Time
19/9/22 11am to 1pm morning

Roll.	NAME OF STUDENT	Sign	Roll.	NAME OF STUDENT	Sign
1	Pawar Kajal Vijay		41	Joshi Mahesh Abhay	A
2	Shinde Sakshi Dhanaji		42	Kachare Sameer Manik	
3	Kashid Vaishnavi Rameshwar		43	Lomate Mahesh Shivaji	A
4	Rajmane Gauri Dattatray		44	Gaikwad Aadesh Shahuraj	
5	Ghodake Shital Manik		45	Raut Vishal Rajaram	
6	Shelke Vaishnavi Kakasaheb		46	Thorat Vrushal Bharat	
7	Shelake Ankita Ganesh		47	Chavan Rohan Ram	A
8	Patil Samiksha Vasantrao		48	Sarade Nagesh Abaso	
9	Bagal Dhanashree Yashwant		49	Jong Vivek Dattatray	
10	Tarange Supriya Laxman		50	Patole Varunraj Dhananjay	
11	Khaire Sakshi Kiran		51	Deokar Omkar Ashok	
12	Raut Shivanjali Shivaji		52	Chorade Abhijit Vishwnath	
13	Gaikwad Rutuja Avinash		53	Bukka Siddhaling Choudappa	
14	Korake Manasi Sanjay		54	Waghmare Amit Ananda	
15	Patil Gauri Anil		55	Nalawade Saurabh Raosaheb	
16	Babar Vishakha Vishnu		56	Dhapate Ajit Suryakant	
17	Gholave Neha Shivaji		57	Chavan Dhiraj Ajay	
18	Kshirsagar Komal Madhukar		58	Shinde Pravin Kundalik	
19	Patil Sanika Rajendra		59	Kulkarni Yash Satish	
20	Pawar Tanvi Vijay		60	Jagdale Mahesh Bahiru	
21	Katkar Shivani Rajendra		61	Gaikwad Vishwajeet Satish	
22	More Sakshi Balaso		62	Shinde Atharv Ghanshyam	
23	Ganeshkar Aboli Rajendra				
24	Jagtap Namrata Umesh				
25	Shete Srushti Darmendra				
26	Tamboli Sabiya Abdulkarim				
27	Bagali Seema Suresh				
28	Chavan Gauri Sanjay				
29	Kokate Sandhya Raju				
30	Rathod Swarupa Sudhakar				
31	Sutar Pratik Santosh				
32	Pawar Onkar Anil				
33	Koli Aryan Sanjay	A			
34	Mhetre Rahul Sangappa				
35	Patil Prathamesh Anandrao				
36	Alashetti Laxman Shivanand				
37	Thonge Patil Atharv Santosh				
38	Jadhav Digvijay Sitaram	A			
39	Ghayal Shrikant Hanmant				
40	Matade Ajinkya Sanjay				

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
COLLGE OF ENGINEERING, PANDHARPUR.
Department of Computer Science & Engineering
Academic Year 2022-23 of SY(CSE)I-B

Date & Time
19/9/22 2 pm to 5:30 pm

Roll.	NAME OF STUDENT	Sign	Roll.	NAME OF STUDENT	Sign
1	Pawar Kajal Vijay		41	Joshi Mahesh Abhay	
2	Shinde Sakshi Dhanaji		42	Kachare Sameer Manik	
3	Kashid Vaishnavi Rameshwar		43	Lomate Mahesh Shivaji	
4	Rajmane Gauri Dattatray		44	Gaikwad Aadesh Shahuraj	
5	Ghodake Shital Manik		45	Raut Vishal Rajaram	
6	Shelke Vaishnavi Kakasaheb		46	Thorat Vrushal Bharat	
7	Shelake Ankita Ganesh		47	Chavan Rohan Ram	
8	Patil Samiksha Vasantrao		48	Sarade Nagesh Abaso	
9	Bagal Dhanashree Yashwant		49	Jong Vivek Dattatray	
10	Tarange Supriya Laxman		50	Patole Varunraj Dhananjay	
11	Khaire Sakshi Kiran		51	Deokar Omkar Ashok	
12	Raut Shivanjali Shivaji		52	Chorade Abhijit Vishwnath	
13	Gaikwad Rutuja Avinash		53	Bukka Siddhaling Choudappa	
14	Korake Manasi Sanjay		54	Waghmare Amit Ananda	
15	Patil Gauri Anil		55	Nalawade Saurabh Raosaheb	
16	Babar Vishakha Vishnu		56	Dhapate Ajit Suryakant	
17	Gholave Neha Shivaji		57	Chavan Dhiraj Ajay	
18	Kshirsagar Komal Madhukar		58	Shinde Pravin Kundalik	
19	Patil Sanika Rajendra		59	Kulkarni Yash Satish	
20	Pawar Tanvi Vijay		60	Jagdale Mahesh Bahiru	
21	Katkar Shivani Rajendra		61	Gaikwad Vishwajeet Satish	
22	More Sakshi Balaso		62	Shinde Atharv Ghanshyam	
23	Ganeshkar Aboli Rajendra				
24	Jagtap Namrata Umesh				
25	Shete Srushti Darmendra				
26	Tamboli Sabiya Abdulkarim				
27	Bagali Seema Suresh				
28	Chavan Gauri Sanjay				
29	Kokate Sandhya Raju				
30	Rathod Swarupa Sudhakar				
31	Sutar Pratik Santosh				
32	Pawar Onkar Anil				
33	Koli Aryan Sanjay				
34	Mhetre Rahul Sangappa				
35	Patil Prathamesh Anandrao				
36	Alashetti Laxman Shivanand				
37	Thonge Patil Atharv Santosh				
38	Jadhav Digvijay Sitaram				
39	Ghayal Shrikant Hanmant				
40	Matade Ajinkya Sanjay				

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COLLGE OF ENGINEERING, PANDHARPUR.
Department of Computer Science & Engineering
Academic Year 2022-23 of SY(CSE)I-B

Date & Time
20/9/22 - Morning

Roll.	NAME OF STUDENT	Sign	Roll.	NAME OF STUDENT	Sign
1	Pawar Kajal Vijay		41	Joshi Mahesh Abhay	
2	Shinde Sakshi Dhanaji		42	Kachare Sameer Manik	
3	Kashid Vaishnavi Rameshwar		43	Lomate Mahesh Shivaji	
4	Rajmane Gauri Dattatray		44	Gaikwad Aadesh Shahuraj	
5	Ghodake Shital Manik		45	Raut Vishal Rajaram	
6	Shelke Vaishnavi Kakasaheb		46	Thorat Vrushal Bharat	
7	Shelake Ankita Ganesh		47	Chavan Rohan Ram	
8	Patil Samiksha Vasantrao		48	Sarade Nagesh Abaso	
9	Bagal Dhanashree Yashwant		49	Jong Vivek Dattatray	
10	Tarange Supriya Laxman		50	Patole Varunraj Dhananjay	
11	Khaire Sakshi Kiran		51	Deokar Omkar Ashok	
12	Raut Shivanjali Shivaji		52	Chorade Abhijit Vishwnath	
13	Gaikwad Rutuja Avinash		53	Bukka Siddhaling Choudappa	
14	Korake Manasi Sanjay		54	Waghmare Amit Ananda	
15	Patil Gauri Anil		55	Nalawade Saurabh Raosaheb	
16	Babar Vishakha Vishnu		56	Dhapate Ajit Suryakant	
17	Gholave Neha Shivaji		57	Chavan Dhiraj Ajay	
18	Kshirsagar Komal Madhukar		58	Shinde Pravin Kundalik	
19	Patil Sanika Rajendra		59	Kulkarni Yash Satish	
20	Pawar Tanvi Vijay		60	Jagdale Mahesh Bahiru	
21	Katkar Shivani Rajendra		61	Gaikwad Vishwajeet Satish	
22	More Sakshi Balaso		62	Shinde Atharv Ghanshyam	
23	Ganeshkar Aboli Rajendra		63	Chavgulle Prathmesh Arjun	
24	Jagtap Namrata Umesh		64	Kshirsagar Rohan Shamrao	
25	Shete Srushti Darmendra				
26	Tamboli Sabiya Abdulkarim		65	Ghule raishnavi Dadaso	
27	Bagali Seema Suresh				
28	Chavan Gauri Sanjay				
29	Kokate Sandhya Raju				
30	Rathod Swarupa Sudhakar				
31	Sutar Pratik Santosh				
32	Pawar Onkar Anil				
33	Koli Aryan Sanjay				
34	Mhetre Rahul Sangappa				
35	Patil Prathamesh Anandrao				
36	Alashetti Laxman Shivanand				
37	Thonge Patil Atharv Santosh				
38	Jadhav Digvijay Sitaram				
39	Ghayal Shrikant Hanmant				
40	Matade Ajinkya Sanjay				

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
COLLGE OF ENGINEERING, PANDHARPUR.
Department of Computer Science & Engineering
Academic Year 2022-23 of SY(CSE)I-B

Date & Time 20/9/22 evening

Roll.	NAME OF STUDENT	Sign	Roll.	NAME OF STUDENT	Sign
1	Pawar Kajal Vijay		41	Joshi Mahesh Abhay	
2	Shinde Sakshi Dhanaji		42	Kachare Sameer Manik	
3	Kashid Vaishnavi Rameshwar		43	Lomate Mahesh Shivaji	
4	Rajmane Gauri Dattatray		44	Gaikwad Aadesh Shahuraj	
5	Ghodake Shital Manik		45	Raut Vishal Rajaram	
6	Shelke Vaishnavi Kakasaheb		46	Thorat Vrushal Bharat	
7	Shelake Ankita Ganesh		47	Chavan Rohan Ram	
8	Patil Samiksha Vasantrao		48	Sarade Nagesh Abaso	
9	Bagal Dhanashree Yashwant		49	Jong Vivek Dattatray	
10	Tarange Supriya Laxman		50	Patole Varunraj Dhananjay	
11	Khaire Sakshi Kiran		51	Deokar Omkar Ashok	
12	Raut Shivanjali Shivaji		52	Chorade Abhijit Vishwnath	
13	Gaikwad Rutuja Avinash		53	Bukka Siddhaling Choudappa	
14	Korake Manasi Sanjay		54	Waghmare Amit Ananda	
15	Patil Gauri Anil		55	Nalawade Saurabh Raosaheb	
16	Babar Vishakha Vishnu		56	Dhapate Ajit Suryakant	
17	Gholave Neha Shivaji		57	Chavan Dhiraj Ajay	
18	Kshirsagar Komal Madhukar		58	Shinde Pravin Kundalik	
19	Patil Sanika Rajendra		59	Kulkarni Yash Satish	
20	Pawar Tanvi Vijay		60	Jagdale Mahesh Bahiru	
21	Katkar Shivani Rajendra		61	Gaikwad Vishwajeet Satish	
22	More Sakshi Balaso		62	Shinde Atharv Ghanshyam	
23	Ganeshkar Aboli Rajendra				
24	Jagtap Namrata Umesh				
25	Shete Srushti Darmendra				
26	Tamboli Sabiya Abdulkarim				
27	Bagali Seema Suresh				
28	Chavan Gauri Sanjay				
29	Kokate Sandhya Raju				
30	Rathod Swarupa Sudhakar				
31	Sutar Pratik Santosh				
32	Pawar Onkar Anil				
33	Koli Aryan Sanjay				
34	Mhetre Rahul Sangappa				
35	Patil Prathamesh Anandrao				
36	Alashetti Laxman Shivanand				
37	Thonge Patil Atharv Santosh				
38	Jadhav Digvijay Sitaram				
39	Ghayal Shrikant Hanmant				
40	Matade Ajinkya Sanjay				

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COLLGE OF ENGINEERING, PANDHARPUR.
Department of Computer Science & Engineering
Academic Year 2022-23 of SY(CSE)I-A

Date & Time
20/9/22 Morning

Roll. No.	NAME OF STUDENT	Sign	Roll. No	NAME OF STUDENT	Sign
1	Jadhav Prajakta Dnyandev		41	Shete Rohan Dnyaneshwar	R.D.Shete
2	Tate Vaishnavi Pandurang		42	Chavan Rohit Dattatray	
3	Giram Akanksha Anil		43	Inamdar Mohammed Sahbi Salim	
4	Karande Nikita Suresh		44	Bhusare Dnyaneshwar Dasharath	
5	Ghadage Janhavi Jotiba		45	Marda Shridhar Shrinivas	
6	Mali Prajakta Ashok		46	Rathod Yashpalsinh Anil	
7	More Shruti Dattatray		47	Shingare Yash Rajesh	
8	Kulkarni Madhura Raghunath		48	Shinde Ruturaj Pandurang	AB
9	Khune Aishwarya Vijaykumar		49	Jadhav Amol Dattatray	
10	Vasekar Pooja Laxman		50	Kachare Ganesh Rajaram	
11	Awad Kshitija Vikas		51	Hajare Pravin Gorakh	
12	Narkhedkar Anuradha Chandrakant		52	Jadhav Dinesh Bhaskar	
13	Chavan Madhura Balasaheb	AB	53	Godase Pratik Satish	P.S.G.
14	Wale Devaki Santosh		54	Pawar Sushant Navnath	S.N.D
15	Kumbhar Kalyani Vijay		55	Kapare Avinash Kalyan	
16	Masal Dipali Tanaji		56	Botre Raj Ramesh	
17	Fase Anushka Milind		57	Patil Rushikesh Sudhakar	
18	Bagal Rohini Pandurang		58	Khatavkar Suyash Sanjay	
19	Thonge Rutuja Shivraj		59	Pardeshi Yogiraj Dnyandev	
20	Darade Snehal Bajarang		60	Kengar Pandurang Ganpat	
21	Chavan Shrutika Satish		61	Dhaware Pradip Balasaheb	
22	Patil Mayuri Sanjay		62	Nagtilak Pratik Abhiman	
23	Shinde Samruddhi Shashank		63	Koli Sanket Somnath	
24	Gaikwad Prajkta Vijay		64	Ghule Onkar Kisan	
25	Shiketod Samruddhi Rajaram		65	Chandanshive Prajwal Arun	
26	Raut Anjali Sanjay		66	Ghatule Saurabh Mukesh	
27	Somdale Mayuri Maruti		67	Dhengale Rohan Rajkumar	
28	Anuse Sanjeevani Rahul		68	Deshmukh Aditya Dattatray	
29	Misal Nikita Hanmant		69	Gadade Vishal Bandu	
30	Musale Rachna Rajkumar		70	Waghmare Mahadev Hanumant	M.H.Waghmare
31	Gurav Snehal Shivaji		71	Rajage Vishal Hanmant	
32	Tinwale Nagma Salamat		72	Pawar Sanket Ramesh	
33	Nikam Tejaswini Tanaji		73	Gajare Shubham Sambhaji	
34	Kolhal Prachi Prakash		74	Ambule Yogesh Uttam	
35	Vasekar Asmita Rajkumar		75	Gavali Omkar Ashok	
36	Pawar Sanika Nagnath		76	Kande Ashish Rajendra	
37	Umarani Gaurakka Amasiddha				
38	Chavhan Mayuri Sanjay				
39	Kalunge Prathamesh Maruti				
40	Gurav Shavarsiddha Nagnath				

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
COLLGE OF ENGINEERING, PANDHARPUR.
Department of Computer Science & Engineering
Academic Year 2022-23 of SY(CSE)I-A

Date & Time
20/9/22 morning

Roll. No.	NAME OF STUDENT	Sign	Roll. No	NAME OF STUDENT	Sign
1	Jadhav Prajakta Dnyandev		41	Shete Rohan Dnyaneshwar	
2	Tate Vaishnavi Pandurang		42	Chavan Rohit Dattatray	
3	Giram Akanksha Anil		43	Inamdar Mohammed Sahbi Salim	
4	Karande Nikita Suresh		44	Bhusare Dnyaneshwar Dasharath	
5	Ghadage Janhavi Jotiba		45	Marda Shridhar Shrinivas	
6	Mali Prajakta Ashok		46	Rathod Yashpalsinh Anil	
7	More Shruti Dattatray		47	Shingare Yash Rajesh	
8	Kulkarni Madhura Raghunath		48	Shinde Ruturaj Pandurang	
9	Khune Aishwarya Vijaykumar		49	Jadhav Amol Dattatray	
10	Vasekar Pooja Laxman		50	Kachare Ganesh Rajaram	
11	Awad Kshitija Vikas		51	Hajare Pravin Gorakh	
12	Narkhedkar Anuradha Chandrakant		52	Jadhav Dinesh Bhaskar	
13	Chavan Madhura Balasaheb		53	Godase Pratik Satish	
14	Wale Devaki Santosh		54	Pawar Sushant Navnath	
15	Kumbhar Kalyani Vijay		55	Kapare Avinash Kalyan	
16	Masal Dipali Tanaji		56	Botre Raj Ramesh	
17	Fase Anushka Milind		57	Patil Rushikesh Sudhakar	
18	Bagal Rohini Pandurang		58	Khatavkar Suyash Sanjay	
19	Thonge Rutuja Shivraj		59	Pardeshi Yogiraj Dnyandev	
20	Darade Snehal Bajarang		60	Kengar Pandurang Ganpat	
21	Chavan Shrutika Satish		61	Dhaware Pradip Balasaheb	
22	Patil Mayuri Sanjay		62	Nagtilak Pratik Abhiman	
23	Shinde Samruddhi Shashank		63	Koli Sanket Somnath	
24	Gaikwad Prajkta Vijay		64	Ghule Onkar Kisan	
25	Shiketod Samruddhi Rajaram		65	Chandanshive Prajwal Arun	
26	Raut Anjali Sanjay		66	Ghatule Saurabh Mukesh	
27	Somdale Mayuri Maruti		67	Dhengale Rohan Rajkumar	
28	Anuse Sanjeevani Rahul		68	Deshmukh Aditya Dattatray	
29	Misal Nikita Hanmant		69	Gadade Vishal Bandu	
30	Musale Rachna Rajkumar		70	Waghmare Mahadev Hanumant	
31	Gurav Snehal Shivaji		71	Rajage Vishal Hanmant	
32	Tinwale Nagma Salamat		72	Pawar Sanket Ramesh	
33	Nikam Tejaswini Tanaji		73	Gajare Shubham Sambhaji	
34	Kolhal Prachi Prakash		74	Ambule Yogesh Uttam	
35	Vasekar Asmita Rajkumar		75	Gavali Omkar Ashok	
36	Pawar Sanika Nagnath		76	Kande Ashish Rajendra	
37	Umarani Gaurakka Amasiddha				
38	Chavhan Mayuri Sanjay				
39	Kalunge Prathamesh Maruti				
40	Gurav Shavarsiddha Nagnath				

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
COLLGE OF ENGINEERING, PANDHARPUR.
Department of Computer Science & Engineering
Academic Year 2022-23 of SY(CSE)I-B

Date & Time
21/9/22 Evening Session

Roll.	NAME OF STUDENT	Sign	Roll.	NAME OF STUDENT	Sign
1	Pawar Kajal Vijay		41	Joshi Mahesh Abhay	
2	Shinde Sakshi Dhanaji		42	Kachare Sameer Manik	
3	Kashid Vaishnavi Rameshwar		43	Lomate Mahesh Shivaji	
4	Rajmane Gauri Dattatray		44	Gaikwad Aadesh Shahuraj	
5	Ghodake Shital Manik		45	Raut Vishal Rajaram	
6	Shelke Vaishnavi Kakasaheb		46	Thorat Vrushal Bharat	
7	Shelake Ankita Ganesh		47	Chavan Rohan Ram	
8	Patil Samiksha Vasantrao		48	Sarade Nagesh Abaso	
9	Bagal Dhanashree Yashwant		49	Jong Vivek Dattatray	
10	Tarange Supriya Laxman		50	Patole Varunraj Dhananjay	
11	Khaire Sakshi Kiran		51	Deokar Omkar Ashok	
12	Raut Shivanjali Shivaji		52	Chorade Abhijit Vishwnath	
13	Gaikwad Rutuja Avinash		53	Bukka Siddhaling Choudappa	
14	Korake Manasi Sanjay		54	Waghmare Amit Ananda	
15	Patil Gauri Anil		55	Nalawade Saurabh Raosaheb	
16	Babar Vishakha Vishnu		56	Dhapate Ajit Suryakant	
17	Gholave Neha Shivaji		57	Chavan Dhiraj Ajay	
18	Kshirsagar Komal Madhukar		58	Shinde Pravin Kundalik	
19	Patil Sanika Rajendra		59	Kulkarni Yash Satish	
20	Pawar Tanvi Vijay		60	Jagdale Mahesh Bahiru	
21	Katkar Shivani Rajendra		61	Gaikwad Vishwajeet Satish	
22	More Sakshi Balaso		62	Shinde Atharv Ghanshyam	
23	Ganeshkar Aboli Rajendra		63	Kshirsagar Rohan	
24	Jagtap Namrata Umesh		64	Ghule Vaishnavi Padmo	
25	Shete Srushti Darmendra		65	Bhatatate Ankita	
26	Tamboli Sabiya Abdulkarim		66	Takkalaki Rajeshwari	
27	Bagali Seema Suresh		67	Bhagale Aswini	
28	Chavan Gauri Sanjay		68	Madane Ishwari	
29	Kokate Sandhya Raju				
30	Rathod Swarupa Sudhakar				
31	Sutar Pratik Santosh				
32	Pawar Onkar Anil				
33	Koli Aryan Sanjay				
34	Mhetre Rahul Sangappa				
35	Patil Prathamesh Anandrao				
36	Alashetti Laxman Shivanand				
37	Thonge Patil Atharv Santosh				
38	Jadhav Digvijay Sitaram				
39	Ghayal Shrikant Hanmant				
40	Matade Ajinkya Sanjay				

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
COLLGE OF ENGINEERING, PANDHARPUR.
Department of Computer Science & Engineering
Academic Year 2022-23 of SY(CSE)I-B

Date & Time
21/9/22 Morning Session

Roll.	NAME OF STUDENT	Sign	Roll.	NAME OF STUDENT	Sign
1	Pawar Kajal Vijay		41	Joshi Mahesh Abhay	
2	Shinde Sakshi Dhanaji		42	Kachare Sameer Manik	
3	Kashid Vaishnavi Rameshwar		43	Lomate Mahesh Shivaji	
4	Rajmane Gauri Dattatray		44	Gaikwad Aadesh Shahuraj	
5	Ghodake Shital Manik		45	Raut Vishal Rajaram	
6	Shelke Vaishnavi Kakasaheb		46	Thorat Vrushal Bharat	
7	Shelake Ankita Ganesh		47	Chavan Rohan Ram	
8	Patil Samiksha Vasantrao		48	Sarade Nagesh Abaso	
9	Bagal Dhanashree Yashwant		49	Jong Vivek Dattatray	
10	Tarange Supriya Laxman		50	Patole Varunraj Dhananjay	
11	Khaire Sakshi Kiran		51	Deokar Omkar Ashok	
12	Raut Shivanjali Shivaji		52	Chorade Abhijit Vishwnath	
13	Gaikwad Rutuja Avinash		53	Bukka Siddhaling Choudappa	
14	Korake Manasi Sanjay		54	Waghmare Amit Ananda	
15	Patil Gauri Anil		55	Nalawade Saurabh Raosaheb	
16	Babar Vishakha Vishnu		56	Dhapate Ajit Suryakant	
17	Gholave Neha Shivaji		57	Chavan Dhiraj Ajay	
18	Kshirsagar Komal Madhukar		58	Shinde Pravin Kundalik	
19	Patil Sanika Rajendra		59	Kulkarni Yash Satish	
20	Pawar Tanvi Vijay		60	Jagdale Mahesh Bahiru	
21	Katkar Shivani Rajendra		61	Gaikwad Vishwajeet Satish	
22	More Sakshi Balaso		62	Shinde Atharv Ghanshyam	
23	Ganeshkar Aboli Rajendra		63	Chougule Prathmesh	
24	Jagtap Namrata Umesh		64	Kshirsagar Rohan	
25	Shete Srushti Darmendra		65	Ghule Vaishnavi Dadaso	
26	Tamboli Sabiya Abdulkarim		66	Phatate Ankita	
27	Bagali Seema Suresh		67	Takkalaki Rajeshwari	
28	Chavan Gauri Sanjay		68	Madane Ishwari	
29	Kokate Sandhya Raju		69	Bagale. Aswari	
30	Rathod Swarupa Sudhakar				
31	Sutar Pratik Santosh				
32	Pawar Onkar Anil				
33	Koli Aryan Sanjay				
34	Mhetre Rahul Sangappa				
35	Patil Prathamesh Anandrao				
36	Alashetti Laxman Shivanand				
37	Thonge Patil Atharv Santosh				
38	Jadhav Digvijay Sitaram				
39	Ghayal Shrikant Hanmant				
40	Matade Ajinkya Sanjay				

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COLLGE OF ENGINEERING, PANDHARPUR.
Department of Computer Science & Engineering
Academic Year 2022-23 of SY(CSE)I-A

Date & Time Wednesday - 21/9/22 (Morning session)

Roll. No.	NAME OF STUDENT	Sign	Roll. No	NAME OF STUDENT	Sign
1	Jadhav Prajakta Dnyandev		41	Shete Rohan Dnyaneshwar	R.D Shete
2	Tate Vaishnavi Pandurang		42	Chavan Rohit Dattatray	
3	Giram Akanksha Anil		43	Inamdar Mohammed Sahbi Salim	
4	Karande Nikita Suresh		44	Bhusare Dnyaneshwar Dasharath	Bhusare-D
5	Ghadage Janhavi Jotiba		45	Marda Shridhar Shrinivas	
6	Mali Prajakta Ashok		46	Rathod Yashpalsinh Anil	
7	More Shruti Dattatray		47	Shingare Yash Rajesh	
8	Kulkarni Madhura Raghunath		48	Shinde Ruturaj Pandurang	
9	Khune Aishwarya Vijaykumar		49	Jadhav Amol Dattatray	
10	Vasekar Pooja Laxman		50	Kachare Ganesh Rajaram	
11	Awad Kshitija Vikas		51	Hajare Pravin Gorakh	
12	Narkhedkar Anuradha Chandrakant		52	Jadhav Dinesh Bhaskar	
13	Chavan Madhura Balasaheb		53	Godase Pratik Satish	
14	Wale Devaki Santosh		54	Pawar Sushant Navnath	
15	Kumbhar Kalyani Vijay		55	Kapare Avinash Kalyan	
16	Masal Dipali Tanaji		56	Botre Raj Ramesh	
17	Fase Anushka Milind		57	Patil Rushikesh Sudhakar	
18	Bagal Rohini Pandurang		58	Khatavkar Suyash Sanjay	
19	Thonge Rutuja Shivraj		59	Pardeshi Yogiraj Dnyandev	
20	Darade Snehal Bajarang		60	Kengar Pandurang Ganpat	
21	Chavan Shrutika Satish		61	Dhaware Pradip Balasaheb	
22	Patil Mayuri Sanjay		62	Nagtilak Pratik Abhiman	
23	Shinde Samruddhi Shashank		63	Koli Sanket Somnath	
24	Gaikwad Prajkta Vijay		64	Ghule Onkar Kisan	
25	Shiketod Samruddhi Rajaram		65	Chandanshive Prajwal Arun	
26	Raut Anjali Sanjay		66	Ghatule Saurabh Mukesh	
27	Somdale Mayuri Maruti		67	Dhengale Rohan Rajkumar	
28	Anuse Sanjeevani Rahul		68	Deshmukh Aditya Dattatray	
29	Misal Nikita Hanmant		69	Gadade Vishal Bandu	
30	Musale Rachna Rajkumar		70	Waghmare Mahadev Hanumant	M.H.Waghmare
31	Gurav Snehal Shivaji		71	Rajage Vishal Hanmant	
32	Tinwale Nagma Salamat		72	Pawar Sanket Ramesh	
33	Nikam Tejaswini Tanaji		73	Gajare Shubham Sambhaji	
34	Kolhal Prachi Prakash		74	Ambule Yogesh Uttam	
35	Vasekar Asmita Rajkumar		75	Gavali Omkar Ashok	
36	Pawar Sanika Nagnath		76	Kande Ashish Rajendra	
37	Umarani Gaurakka Amasiddha				
38	Chavhan Mayuri Sanjay				
39	Kalunge Prathamesh Maruti				
40	Gurav Shavarsiddha Nagnath				

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
COLLGE OF ENGINEERING, PANDHARPUR.
Department of Computer Science & Engineering
Academic Year 2022-23 of SY(CSE)I-A

Date & Time
21/3/22 - Evening Session

Roll. No.	NAME OF STUDENT	Sign	Roll. No	NAME OF STUDENT	Sign
1	Jadhav Prajakta Dnyandev		41	Shete Rohan Dnyaneshwar	
2	Tate Vaishnavi Pandurang		42	Chavan Rohit Dattatray	
3	Giram Akanksha Anil		43	Inamdar Mohammed Sahbi Salim	
4	Karande Nikita Suresh		44	Bhusare Dnyaneshwar Dasharath	
5	Ghadage Janhavi Jotiba		45	Marda Shridhar Shrinivas	
6	Mali Prajakta Ashok		46	Rathod Yashpalsinh Anil	
7	More Shruti Dattatray		47	Shingare Yash Rajesh	
8	Kulkarni Madhura Raghunath		48	Shinde Ruturaj Pandurang	
9	Khune Aishwarya Vijaykumar		49	Jadhav Amol Dattatray	
10	Vasekar Pooja Laxman		50	Kachare Ganesh Rajaram	
11	Awad Kshitija Vikas		51	Hajare Pravin Gorakh	
12	Narkhedkar Anuradha Chandrakant		52	Jadhav Dinesh Bhaskar	
13	Chavan Madhura Balasaheb		53	Godase Pratik Satish	
14	Wale Devaki Santosh		54	Pawar Sushant Navnath	
15	Kumbhar Kalyani Vijay		55	Kapare Avinash Kalyan	
16	Masal Dipali Tanaji		56	Botre Raj Ramesh	
17	Fase Anushka Milind		57	Patil Rushikesh Sudhakar	
18	Bagal Rohini Pandurang		58	Khatavkar Suyash Sanjay	
19	Thonge Rutuja Shivraj		59	Pardeshi Yogiraj Dnyandev	
20	Darade Snehal Bajarang		60	Kengar Pandurang Ganpat	
21	Chavan Shrutika Satish		61	Dhaware Pradip Balasaheb	
22	Patil Mayuri Sanjay		62	Nagtilak Pratik Abhiman	
23	Shinde Samruddhi Shashank		63	Koli Sanket Somnath	
24	Gaikwad Prajkta Vijay		64	Ghule Onkar Kisan	
25	Shiketod Samruddhi Rajaram		65	Chandanshive Prajwal Arun	
26	Raut Anjali Sanjay		66	Ghatule Saurabh Mukesh	
27	Somdale Mayuri Maruti		67	Dhengale Rohan Rajkumar	
28	Anuse Sanjeevani Rahul		68	Deshmukh Aditya Dattatray	
29	Misal Nikita Hanmant		69	Gadade Vishal Bandu	
30	Musale Rachna Rajkumar		70	Waghmare Mahadev Hanumant	
31	Gurav Snehal Shivaji		71	Rajage Vishal Hanmant	
32	Tinwale Nagma Salamat		72	Pawar Sanket Ramesh	
33	Nikam Tejaswini Tanaji		73	Gajare Shubham Sambhaji	
34	Kolhal Prachi Prakash		74	Ambule Yogesh Uttam	
35	Vasekar Asmita Rajkumar		75	Gavali Omkar Ashok	
36	Pawar Sanika Nagnath		76	Kande Ashish Rajendra	
37	Umarani Gaurakka Amasiddha				
38	Chavhan Mayuri Sanjay				
39	Kalunge Prathamesh Maruti				
40	Gurav Shavarsiddha Nagnath				

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
COLLGE OF ENGINEERING, PANDHARPUR.
Department of Computer Science & Engineering
Academic Year 2022-23 of SY(CSE)I-A

Date & Time

22/9/22 Morning Session

Roll. No.	NAME OF STUDENT	Sign	Roll. No	NAME OF STUDENT	Sign
1	Jadhav Prajakta Dnyandev		41	Shete Rohan Dnyaneshwar	
2	Tate Vaishnavi Pandurang		42	Chavan Rohit Dattatray	
3	Giram Akanksha Anil		43	Inamdar Mohammed Sahbi Salim	
4	Karande Nikita Suresh		44	Bhusare Dnyaneshwar Dasharath	
5	Ghadage Janhavi Jotiba		45	Marda Shridhar Shrinivas	
6	Mali Prajakta Ashok		46	Rathod Yashpalsinh Anil	
7	More Shruti Dattatray		47	Shingare Yash Rajesh	
8	Kulkarni Madhura Raghunath		48	Shinde Ruturaj Pandurang	
9	Khune Aishwarya Vijaykumar		49	Jadhav Amol Dattatray	
10	Vasekar Pooja Laxman		50	Kachare Ganesh Rajaram	
11	Awad Kshitija Vikas		51	Hajare Pravin Gorakh	
12	Narkhedkar Anuradha Chandrakant		52	Jadhav Dinesh Bhaskar	
13	Chavan Madhura Balasaheb		53	Godase Pratik Satish	
14	Wale Devaki Santosh		54	Pawar Sushant Navnath	
15	Kumbhar Kalyani Vijay		55	Kapare Avinash Kalyan	
16	Masal Dipali Tanaji		56	Botre Raj Ramesh	
17	Fase Anushka Milind		57	Patil Rushikesh Sudhakar	
18	Bagal Rohini Pandurang		58	Khatavkar Suyash Sanjay	
19	Thonge Rutuja Shivraj		59	Pardeshi Yogiraj Dnyandev	
20	Darade Snehal Bajarang		60	Kengar Pandurang Ganpat	
21	Chavan Shrutika Satish		61	Dhaware Pradip Balasaheb	
22	Patil Mayuri Sanjay		62	Nagtilak Pratik Abhiman	
23	Shinde Samruddhi Shashank		63	Koli Sanket Somnath	
24	Gaikwad Prajkta Vijay		64	Ghule Onkar Kisan	
25	Shiketod Samruddhi Rajaram		65	Chandanshive Prajwal Arun	
26	Raut Anjali Sanjay		66	Ghatule Saurabh Mukesh	
27	Somdale Mayuri Maruti		67	Dhengale Rohan Rajkumar	
28	Anuse Sanjeevani Rahul		68	Deshmukh Aditya Dattatray	
29	Misal Nikita Hanmant		69	Gadade Vishal Bandu	
30	Musale Rachna Rajkumar		70	Waghmare Mahadev Hanumant	
31	Gurav Snehal Shivaji		71	Rajage Vishal Hanmant	
32	Tinwale Nagma Salamat		72	Pawar Sanket Ramesh	
33	Nikam Tejaswini Tanaji		73	Gajare Shubham Sambhaji	
34	Kolhal Prachi Prakash		74	Ambule Yogesh Uttam	
35	Vasekar Asmita Rajkumar		75	Gavali Omkar Ashok	
36	Pawar Sanika Nagnath		76	Kande Ashish Rajendra	
37	Umarani Gaurakka Amasiddha				
38	Chavhan Mayuri Sanjay				
39	Kalunge Prathamesh Maruti				
40	Gurav Shavarsiddha Nagnath				

SIIRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
COLLGE OF ENGINEERING, PANDHARPUR.
Department of Computer Science & Engineering
Academic Year 2022-23 of SY(CSE)I-A

Date & Time 22/9/22 Evening session

Roll. No.	NAME OF STUDENT	Sign	Roll. No	NAME OF STUDENT	Sign
1	Jadhav Prajakta Dnyandev		41	Shete Rohan Dnyaneshwar	R D Shete
2	Tate Vaishnavi Pandurang		42	Chavan Rohit Dattatray	
3	Giram Akanksha Anil		43	Inamdar Mohammed Sahbi Salim	
4	Karande Nikita Suresh		44	Bhusare Dnyaneshwar Dasharath	Bhusare DP.
5	Ghadage Janhavi Jotiba		45	Marda Shridhar Shrinivas	
6	Mali Prajakta Ashok		46	Rathod Yashpalsinh Anil	
7	More Shruti Dattatray		47	Shingare Yash Rajesh	
8	Kulkarni Madhura Raghunath		48	Shinde Ruturaj Pandurang	
9	Khune Aishwarya Vijaykumar		49	Jadhav Amol Dattatray	
10	Vasekar Pooja Laxman		50	Kachare Ganesh Rajaram	
11	Awad Kshitija Vikas		51	Hajare Pravin Gorakh	
12	Narkhedkar Anuradha Chandrakant		52	Jadhav Dinesh Bhaskar	
13	Chavan Madhura Balasaheb		53	Godase Pratik Satish	P.S.G.
14	Wale Devaki Santosh		54	Pawar Sushant Navnath	
15	Kumbhar Kalyani Vijay		55	Kapare Avinash Kalyan	
16	Masal Dipali Tanaji		56	Botre Raj Ramesh	
17	Fase Anushka Milind		57	Patil Rushikesh Sudhakar	
18	Bagal Rohini Pandurang		58	Khatavkar Suyash Sanjay	SK
19	Thonge Rutuja Shivraj		59	Pardeshi Yogiraj Dnyandev	
20	Darade Snehal Bajarang		60	Kengar Pandurang Ganpat	
21	Chavan Shrutika Satish		61	Dhaware Pradip Balasaheb	
22	Patil Mayuri Sanjay		62	Nagtilak Pratik Abhiman	
23	Shinde Samruddhi Shashank	22/9/22	63	Koli Sanket Somnath	
24	Gaikwad Prajkta Vijay		64	Ghule Onkar Kisan	
25	Shiketod Samruddhi Rajaram		65	Chandanshive Prajwal Arun	
26	Raut Anjali Sanjay		66	Ghatule Saurabh Mukesh	
27	Somdale Mayuri Maruti		67	Dhengale Rohan Rajkumar	
28	Anuse Sanjeevani Rahul		68	Deshmukh Aditya Dattatray	
29	Misal Nikita Hanmant		69	Gadade Vishal Bandu	
30	Musale Rachna Rajkumar		70	Waghmare Mahadev Hanumant	M.H. Waghmare
31	Gurav Snehal Shivaji		71	Rajage Vishal Hanmant	
32	Tinwale Nagma Salamat		72	Pawar Sanket Ramesh	
33	Nikam Tejaswini Tanaji		73	Gajare Shubham Sambhaji	
34	Kolhal Prachi Prakash		74	Ambule Yogesh Uttam	
35	Vasekar Asmita Rajkumar		75	Gavali Omkar Ashok	
36	Pawar Sanika Nagnath		76	Kande Ashish Rajendra	
37	Umarani Gaurakka Amasiddha				
38	Chavhan Mayuri Sanjay				
39	Kalunge Prathamesh Maruti				
40	Gurav Shavarsiddha Nagnath				

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
COLLGE OF ENGINEERING, PANDHARPUR.
Department of Computer Science & Engineering
Academic Year 2022-23 of SY(CSE)I-B

Date & Time 22/09/22 Meeting

Roll.	NAME OF STUDENT	Sign	Roll.	NAME OF STUDENT	Sign
1	Pawar Kajal Vijay		41	Joshi Mahesh Abhay	
2	Shinde Sakshi Dhanaji		42	Kachare Sameer Manik	
3	Kashid Vaishnavi Rameshwar		43	Lomate Mahesh Shivaji	
4	Rajmane Gauri Dattatray		44	Gaikwad Aadesh Shahuraj	
5	Ghodake Shital Manik		45	Raut Vishal Rajaram	
6	Shelke Vaishnavi Kakasaheb		46	Thorat Vrushal Bharat	
7	Shelake Ankita Ganesh		47	Chavan Rohan Ram	
8	Patil Samiksha Vasantrao		48	Sarade Nagesh Abaso	
9	Bagal Dhanashree Yashwant		49	Jong Vivek Dattatray	
10	Tarange Supriya Laxman		50	Patole Varunraj Dhananjay	
11	Khaire Sakshi Kiran		51	Deokar Omkar Ashok	
12	Raut Shivanjali Shivaji		52	Chorade Abhijit Vishwnath	
13	Gaikwad Rutuja Avinash		53	Bukka Siddhaling Choudappa	
14	Korake Manasi Sanjay		54	Waghmare Amit Ananda	
15	Patil Gauri Anil		55	Nalawade Saurabh Raosaheb	
16	Babar Vishakha Vishnu		56	Dhapate Ajit Suryakant	
17	Gholave Neha Shivaji		57	Chavan Dhiraj Ajay	
18	Kshirsagar Komal Madhukar		58	Shinde Pravin Kundalik	
19	Patil Sanika Rajendra		59	Kulkarni Yash Satish	
20	Pawar Tanvi Vijay		60	Jagdale Mahesh Bahiru	
21	Katkar Shivani Rajendra		61	Gaikwad Vishwajeet Satish	
22	More Sakshi Balaso		62	Shinde Atharv Ghanshyam	
23	Ganeshkar Aboli Rajendra		63	Asawari. Bagale.	
24	Jagtap Namrata Umesh		64	Ishwari. Madane.	
25	Shete Srushti Darmendra		65	Phatate. Ankita	
26	Tamboli Sabiya Abdulkarim		66	Takkalki Rajeshwari	
27	Bagali Seema Suresh		67	Ghule vaishnavi Dada	
28	Chavan Gauri Sanjay		68	Kshirsagar Rohan	
29	Kokate Sandhya Raju		69	Chavgale Prathmesh	
30	Rathod Swarupa Sudhakar		70	yashwant B. Patil	
31	Sutar Pratik Santosh		71	Wangikar Sahil S.	
32	Pawar Onkar Anil		72	Atherkar Pradip D.	
33	Koli Aryan Sanjay		73	Ghule vaishnavi Dadaso	
34	Mhetre Rahul Sangappa		74	Madane Ishwari	
35	Patil Prathamesh Anandrao		75	Bagale. Asawari.	
36	Alashetti Laxman Shivanand		76		
37	Thonge Patil Atharv Santosh				
38	Jadhav Digvijay Sitaram				
39	Ghayal Shrikant Hanmant				
40	Matade Ajinkya Sanjay				

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
COLLGE OF ENGINEERING, PANDHARPUR.
Department of Computer Science & Engineering
Academic Year 2022-23 of SY(CSE)I-B

Date & Time 22/09/22 Evening.

Roll.	NAME OF STUDENT	Sign	Roll.	NAME OF STUDENT	Sign
1	Pawar Kajal Vijay	Pawar	41	Joshi Mahesh Abhay	
2	Shinde Sakshi Dhanaji		42	Kachare Sameer Manik	
3	Kashid Vaishnavi Rameshwar		43	Lomate Mahesh Shivaji	
4	Rajmane Gauri Dattatray		44	Gaikwad Aadesh Shahuraj	
5	Ghodake Shital Manik		45	Raut Vishal Rajaram	
6	Shelke Vaishnavi Kakasaheb		46	Thorat Vrushal Bharat	
7	Shelake Ankita Ganesh		47	Chavan Rohan Ram	
8	Patil Samiksha Vasantrao		48	Sarade Nagesh Abaso	
9	Bagal Dhanashree Yashwant		49	Jong Vivek Dattatray	
10	Tarange Supriya Laxman		50	Patole Varunraj Dhananjay	
11	Khaire Sakshi Kiran		51	Deokar Omkar Ashok	
12	Raut Shivanjali Shivaji		52	Chorade Abhijit Vishwnath	
13	Gaikwad Rutuja Avinash		53	Bukka Siddhaling Choudappa	
14	Korake Manasi Sanjay		54	Waghmare Amit Ananda	
15	Patil Gauri Anil		55	Nalawade Saurabh Raosaheb	
16	Babar Vishakha Vishnu		56	Dhapate Ajit Suryakant	
17	Gholave Neha Shivaji		57	Chavan Dhiraj Ajay	
18	Kshirsagar Komal Madhukar		58	Shinde Pravin Kundalik	
19	Patil Sanika Rajendra		59	Kulkarni Yash Satish	
20	Pawar Tanvi Vijay		60	Jagdale Mahesh Bahiru	
21	Katkar Shivani Rajendra		61	Gaikwad Vishwajeet Satish	
22	More Sakshi Balaso		62	Shinde Atharv Ghanshyam	
23	Ganeshkar Aboli Rajendra		63	Wangikar Sahil S.	
24	Jagtap Namrata Umesh		64	Kshirsagar Rohan	
25	Shete Srushti Darmendra		65	Aherkar Pradip D.	
26	Tamboli Sabiya Abdulkarim		66	Chougule Prathmesh	
27	Bagali Seema Suresh		67	Yashwant P. Patil	
28	Chavan Gauri Sanjay		68	Phatate A. A.	
29	Kokate Sandhya Raju		69	Bagle Asavari	
30	Rathod Swarupa Sudhakar		70	Rajeshwari Takkalki	
31	Sutar Pratik Santosh		71	Madne Ishwari	
32	Pawar Onkar Anil				
33	Koli Aryan Sanjay				
34	Mhetre Rahul Sangappa				
35	Patil Prathamesh Anandrao				
36	Alashetti Laxman Shivanand				
37	Thonge Patil Atharv Santosh				
38	Jadhav Digvijay Sitaram				
39	Ghayal Shrikant Hanmant				
40	Matade Ajinkya Sanjay				

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
COLLGE OF ENGINEERING, PANDHARPUR.
Department of Computer Science & Engineering
Academic Year 2022-23 of SY(CSE)I-A

Date & Time

23/9/22 Morning

Roll. No.	NAME OF STUDENT	Sign	Roll. No	NAME OF STUDENT	Sign
1	Jadhav Prajakta Dnyandev	P	41	Shete Rohan Dnyaneshwar	P
2	Tate Vaishnavi Pandurang	P	42	Chavan Rohit Dattatray	P
3	Giram Akanksha Anil	P	43	Inamdar Mohammed Sahbi Salim	P
4	Karande Nikita Suresh	P	44	Bhusare Dnyaneshwar Dasharath	P
5	Ghadage Janhavi Jotiba	P	45	Marda Shridhar Shrinivas	A
6	Mali Prajakta Ashok	P	46	Rathod Yashpalsinh Anil	P
7	More Shruti Dattatray	P	47	Shingare Yash Rajesh	P
8	Kulkarni Madhura Raghunath	P	48	Shinde Ruturaj Pandurang	P
9	Khune Aishwarya Vijaykumar	P	49	Jadhav Amol Dattatray	P
10	Vasekar Pooja Laxman	P	50	Kachare Ganesh Rajaram	P
11	Awad Kshitija Vikas	P	51	Hajare Pravin Gorakh	P
12	Narkhedkar Anuradha Chandrakant	P	52	Jadhav Dinesh Bhaskar	P
13	Chavan Madhura Balasaheb	A	53	Godase Pratik Satish	P
14	Wale Devaki Santosh	P	54	Pawar Sushant Navnath	P
15	Kumbhar Kalyani Vijay	P	55	Kapare Avinash Kalyan	P
16	Masal Dipali Tanaji	P	56	Botre Raj Ramesh	P
17	Fase Anushka Milind	P	57	Patil Rushikesh Sudhakar	P
18	Bagal Rohini Pandurang	P	58	Khatavkar Suyash Sanjay	P
19	Thonge Rutuja Shivraj	P	59	Pardeshi Yogiraj Dnyandev	P
20	Darade Snehal Bajarang	P	60	Kengar Pandurang Ganpat	P
21	Chavan Shrutika Satish	P	61	Dhaware Pradip Balasaheb	P
22	Patil Mayuri Sanjay	P	62	Nagtilak Pratik Abhiman	P
23	Shinde Samruddhi Shashank	P	63	Koli Sanket Somnath	A
24	Gaikwad Prajkta Vijay	P	64	Ghule Onkar Kisan	P
25	Shiketod Samruddhi Rajaram	P	65	Chandanshive Prajwal Arun	P
26	Raut Anjali Sanjay	P	66	Ghatule Saurabh Mukesh	P
27	Somdale Mayuri Maruti	P	67	Dhengale Rohan Rajkumar	P
28	Anuse Sanjeevani Rahul	P	68	Deshmukh Aditya Dattatray	A
29	Misal Nikita Hanmant	P	69	Gadade Vishal Bandu	P
30	Musale Rachna Rajkumar	P	70	Waghmare Mahadev Hanumant	P
31	Gurav Snehal Shivaji	P	71	Rajage Vishal Hanmant	P
32	Tinwale Nagma Salamat	P	72	Pawar Sanket Ramesh	P
33	Nikam Tejaswini Tanaji	P	73	Gajare Shubham Sambhaji	A
34	Kolhal Prachi Prakash	P	74	Ambule Yogesh Uttam	P
35	Vasekar Asmita Rajkumar	P	75	Gavali Omkar Ashok	P
36	Pawar Sanika Nagnath	P	76	Kande Ashish Rajendra	A
37	Umarani Gaurakka Amasiddha	P			
38	Chavhan Mayuri Sanjay	P			
39	Kalunge Prathamesh Maruti	P			
40	Gurav Shavarsiddha Nagnath	P			

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
COLLGE OF ENGINEERING, PANDHARPUR.
Department of Computer Science & Engineering
Academic Year 2022-23 of SY(CSE)I-A

Date & Time

23/9/22 Evening

Roll. No.	NAME OF STUDENT	Sign	Roll. No	NAME OF STUDENT	Sign
1	Jadhav Prajakta Dnyandev	P	41	Shete Rohan Dnyaneshwar	P
2	Tate Vaishnavi Pandurang	P	42	Chavan Rohit Dattatray	P
3	Giram Akanksha Anil	P	43	Inamdar Mohammed Sahbi Salim	P
4	Karande Nikita Suresh	P	44	Bhusare Dnyaneshwar Dasharath	P
5	Ghadage Janhavi Jotiba	P	45	Marda Shridhar Shrinivas	A
6	Mali Prajakta Ashok	P	46	Rathod Yashpalsinh Anil	P
7	More Shruti Dattatray	P	47	Shingare Yash Rajesh	P
8	Kulkarni Madhura Raghunath	A	48	Shinde Ruturaj Pandurang	P
9	Khune Aishwarya Vijaykumar	P	49	Jadhav Amol Dattatray	P
10	Vasekar Pooja Laxman	P	50	Kachare Ganesh Rajaram	P
11	Awad Kshitija Vikas	P	51	Hajare Pravin Gorakh	P
12	Narkhedkar Anuradha Chandrakant	A	52	Jadhav Dinesh Bhaskar	P
13	Chavan Madhura Balasaheb	P	53	Godase Pratik Satish	P
14	Wale Devaki Santosh	P	54	Pawar Sushant Navnath	P
15	Kumbhar Kalyani Vijay	P	55	Kapare Avinash Kalyan	P
16	Masal Dipali Tanaji	P	56	Botre Raj Ramesh	P
17	Fase Anushka Milind	P	57	Patil Rushikesh Sudhakar	P
18	Bagal Rohini Pandurang	P	58	Khatavkar Suyash Sanjay	P
19	Thonge Rutuja Shivraj	P	59	Pardeshi Yogiraj Dnyandev	P
20	Darade Snehal Bajarang	P	60	Kengar Pandurang Ganpat	P
21	Chavan Shrutika Satish	P	61	Dhaware Pradip Balasaheb	P
22	Patil Mayuri Sanjay	P	62	Nagtilak Pratik Abhiman	P
23	Shinde Samruddhi Shashank	P	63	Koli Sanket Somnath	A
24	Gaikwad Prajkta Vijay	P	64	Ghule Onkar Kisan	P
25	Shiketod Samruddhi Rajaram	P	65	Chandanshive Prajwal Arun	P
26	Raut Anjali Sanjay	P	66	Ghatule Saurabh Mukesh	P
27	Somdale Mayuri Maruti	P	67	Dhengale Rohan Rajkumar	P
28	Anuse Sanjeevani Rahul	P	68	Deshmukh Aditya Dattatray	P
29	Misal Nikita Hanmant	P	69	Gadade Vishal Bandu	P
30	Musale Rachna Rajkumar	P	70	Waghmare Mahadev Hanumant	P
31	Gurav Snehal Shivaji	P	71	Rajage Vishal Hanmant	P
32	Tinwale Nagma Salamat	P	72	Pawar Sanket Ramesh	P
33	Nikam Tejaswini Tanaji	P	73	Gajare Shubham Sambhaji	P
34	Kolhal Prachi Prakash	P	74	Ambule Yogesh Uttam	P
35	Vasekar Asmita Rajkumar	P	75	Gavali Omkar Ashok	P
36	Pawar Sanika Nagnath	P	76	Kande Ashish Rajendra	A
37	Umarani Gaurakka Amasiddha	P			
38	Chavhan Mayuri Sanjay	P			
39	Kalunge Prathamesh Maruti	P			
40	Gurav Shavarsiddha Nagnath	P			

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
COLLGE OF ENGINEERING, PANDHARPUR.
Department of Computer Science & Engineering
Academic Year 2022-23 of SY(CSE)I-B

Date & Time: 23/9/22 Morning

Roll.	NAME OF STUDENT	Sign	Roll.	NAME OF STUDENT	Sign
1	Pawar Kajal Vijay	P	41	Joshi Mahesh Abhay	A
2	Shinde Sakshi Dhanaji	P	42	Kachare Sameer Manik	P
3	Kashid Vaishnavi Rameshwar	P	43	Lomate Mahesh Shivaji	P
4	Rajmane Gauri Dattatray	P	44	Gaikwad Aadesh Shahuraj	A
5	Ghodake Shital Manik	P	45	Raut Vishal Rajaram	P
6	Shelke Vaishnavi Kakasaheb	P	46	Thorat Vrushal Bharat	P
7	Shelake Ankita Ganesh	P	47	Chavan Rohan Ram	A
8	Patil Samiksha Vasantrao	P	48	Sarade Nagesh Abaso	P
9	Bagal Dhanashree Yashwant	P	49	Jong Vivek Dattatray	A
10	Tarange Supriya Laxman	P	50	Patole Varunraj Dhananjay	P
11	Khaire Sakshi Kiran	P	51	Deokar Omkar Ashok	P
12	Raut Shivanjali Shivaji	P	52	Chorade Abhijit Vishwnath	A
13	Gaikwad Rutuja Avinash	P	53	Bukka Siddhaling Choudappa	P
14	Korake Manasi Sanjay	P	54	Waghmare Amit Ananda	P
15	Patil Gauri Anil	P	55	Nalawade Saurabh Raosaheb	P
16	Babar Vishakha Vishnu	P	56	Dhapate Ajit Suryakant	A
17	Gholave Neha Shivaji	P	57	Chavan Dhiraj Ajay	P
18	Kshirsagar Komal Madhukar	P	58	Shinde Pravin Kundalik	P
19	Patil Sanika Rajendra	P	59	Kulkarni Yash Satish	A
20	Pawar Tanvi Vijay	P	60	Jagdale Mahesh Bahiru	P
21	Katkar Shivani Rajendra	P	61	Gaikwad Vishwajeet Satish	P
22	More Sakshi Balaso	P	62	Shinde Atharv Ghanshyam	P
23	Ganeshkar Aboli Rajendra	P	63	Phalake. A.A.	Phalake
24	Jagtap Namrata Umesh	P	64	Tawalaki. B.D	B.D.T
25	Shete Srushti Darmendra	P	65	Bagale. A.L	Bagale
26	Tamboli Sabiya Abdulkarim	P	66	Madane. I.R	
27	Bagali Seema Suresh	P			
28	Chavan Gauri Sanjay	P			
29	Kokate Sandhya Raju	P			
30	Rathod Swarupa Sudhakar	A			
31	Sutar Pratik Santosh	P			
32	Pawar Onkar Anil	P			
33	Koli Aryan Sanjay	A			
34	Mhetre Rahul Sangappa	P			
35	Patil Prathamesh Anandrao	P			
36	Alashetti Laxman Shivanand	A			
37	Thonge Patil Atharv Santosh	P			
38	Jadhav Digvijay Sitaram	A			
39	Ghayal Shrikant Hanmant	P			
40	Matade Ajinkya Sanjay	P			

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
COLLGE OF ENGINEERING, PANDHARPUR.
Department of Computer Science & Engineering
Academic Year 2022-23 of SY(CSE)I-B

Date & Time
23/9/22 evening.

Roll.	NAME OF STUDENT	Sign	Roll.	NAME OF STUDENT	Sign
1	Pawar Kajal Vijay	P	41	Joshi Mahesh Abhay	
2	Shinde Sakshi Dhanaji	P	42	Kachare Sameer Manik	P
3	Kashid Vaishnavi Rameshwar	P	43	Lomate Mahesh Shivaji	P
4	Rajmane Gauri Dattatray	P	44	Gaikwad Aadesh Shahuraj	P
5	Ghodake Shital Manik	P	45	Raut Vishal Rajaram	P
6	Shelke Vaishnavi Kakasaheb	P	46	Thorat Vrushal Bharat	P
7	Shelake Ankita Ganesh	P	47	Chavan Rohan Ram	P
8	Patil Samiksha Vasantrao	P	48	Sarade Nagesh Abaso	P
9	Bagal Dhanashree Yashwant	P	49	Jong Vivek Dattatray	A
10	Tarange Supriya Laxman	P	50	Patole Varunraj Dhananjay	P
11	Khaire Sakshi Kiran	P	51	Deokar Omkar Ashok	P
12	Raut Shivanjali Shivaji	P	52	Chorade Abhijit Vishwnath	P
13	Gaikwad Rutuja Avinash	P	53	Bukka Siddhaling Choudappa	P
14	Korake Manasi Sanjay	P	54	Waghmare Amit Ananda	P
15	Patil Gauri Anil	P	55	Nalawade Saurabh Raosaheb	P
16	Babar Vishakha Vishnu	P	56	Dhapate Ajit Suryakant	A
17	Gholave Neha Shivaji	P	57	Chavan Dhiraj Ajay	P
18	Kshirsagar Komal Madhukar	P	58	Shinde Pravin Kundalik	P
19	Patil Sanika Rajendra	P	59	Kulkarni Yash Satish	A
20	Pawar Tanvi Vijay	P	60	Jagdale Mahesh Bahiru	P
21	Katkar Shivani Rajendra	P	61	Gaikwad Vishwajeet Satish	P
22	More Sakshi Balaso	P	62	Shinde Atharv Ghanshyam	P
23	Ganeshkar Aboli Rajendra	P	63	Phatate A. A.	Phatate
24	Jagtap Namrata Umesh	P	64	Takkalaki B D	B.D.T
25	Shete Srushti Darmendra	P	65	Dagale A L	
26	Tamboli Sabiya Abdulkarim	P	66	Madane A R	
27	Bagali Seema Suresh	P	67	Rohan Shamrao Kshirsagar	
28	Chavan Gauri Sanjay	P	68	Chougule Prathmesh Arjun	
29	Kokate Sandhya Raju	A	69	Patil Yashwant D.	
30	Rathod Swarupa Sudhakar	P	70	Aherkar Pradip D.	
31	Sutar Pratik Santosh	P	71	Ghule vaishnavi Dada	
32	Pawar Onkar Anil	P			
33	Koli Aryan Sanjay				
34	Mhetre Rahul Sangappa	P			
35	Patil Prathamesh Anandrao	P			
36	Alashetti Laxman Shivanand	P			
37	Thonge Patil Atharv Santosh	P			
38	Jadhav Digvijay Sitaram				
39	Ghayal Shrikant Hanmant	P			
40	Matade Ajinkya Sanjay	P			

STTP ON C & C++

Computer Science & Engineering
WORKSHOP ON
C & C++
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SVERI COE PANDHARPUR
MON, 19 SEP 2022

Computer Science & Engineering
WORKSHOP ON
C & C++
SY B.Tech. CSE
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SVERI COE PANDHARPUR
MON, 19 SEP 2022

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , **NAAC**, Accredited Institute,
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

RESOURCE PERSON FEEDBACK FORM

Session Topic : Workshop on C &C++ Date : 29/09/2022

Location : CSE Seminar Hall

General Contents	Strongly Agree	Agree	Normal	Disagree	Strongly Disagree
Facilities provided before & during the session was comprehensive	✓	○	○	○	○
Extent of participants	✓	○	○	○	○
Possibilities for follow up actions for quality improvement	✓	○	○	○	○
Feedback from the participants	✓	○	○	○	○
If there is any other aspect you would like to comment on, please write briefly the highlights					

Remark/ Comments:
After the completion of any programming language student must do project and upload on github

Name: Prashant Jha Company: APS microtech Pvt. Ltd.

Mob. No.: 9503107290 Signature: P Jha

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , **NAAC**, Accredited Institute,
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

SVERI
Engineering for Excellence

Date:

RESOURCE PERSON FEEDBACK FORM

Session Topic : C and C++ Date : 23/09/2022

Mentor Name: Akash M. Salave Location : CSE Seminar Hall

General Contents	Strongly Agree	Agree	Normal	Disagree	Strongly Disagree
Facilities provided before & during the session was comprehensive	✓	○	○	○	○
Extent of participants	✓	○	○	○	○
Possibilities for follow up actions for quality improvement	✓	○	○	○	○
Feedback from the participants	✓	○	○	○	○
If there is any other aspect you would like to comment on, please write briefly the highlights					

Remark/ Comments:

Name: Akash Salave Company: APS migration

Mob. No.: 9168199446 Signature:

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Tate Vaishnavi Pandurang

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C. & C++

for the duration of 19/9/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Giram Akanksha Anil.

of SVERI's college of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD • NAGPUR •

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Karande Nikita Suresh

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

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APS MICROTECH PVT LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Ghadage Janhavi Jotiba.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

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We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Mali Prajakta Ashok.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

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APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. More Shruti Dattatray.

of SIERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Kulkarni Madhura Raghunath

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/9/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Khune Aishwarya Vijaykumar

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Vasekar Pooja Laxman

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Awad Kshitija Vikas.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD • NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Narkhedkar Anuradha Chandrakant.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Chavan Madhura Balasaheb.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C + C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Hale Devaki Santosh.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Kumbhar Kalyani Vijay.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Masal Dipali Tanaji

of SVERI's college of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. PANDHARPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Fase Anushka Milind.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Bagal Robini Pandurang.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Thonge Rutuja Shivraj.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Darade Snehal Bajarang.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Chavan Shrutika Satish

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Patil Mayuri Sanjay

of SVERI's College of Engineering, Pandharapur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Shinde Samruddhi Shashank.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD • NAGPUR •

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Gaikwad Prajakta Vijay.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C++ & C

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Shiketod Sammuddhi Rajaram.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD APS NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Raut Anjali Sanjay.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Somdale Mayuri Maruti.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Anuse Sanjeevani Rahul

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Misal Nikita Hamant

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

2 *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Musale Rachana Rajkumar

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Gurav Snehal Shivaji.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Tinwale Nagma Salamat.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Nikam Tejaswini Tanaji.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Kolhal Prachi Prakash

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Yasekar Asmita Rajkumar.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Pawar Sanika Nagnath

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Umarani Gaurakka Amasiddha

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Chavan Mayuri Sanjay.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. JALGAON

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Kalunge Prathmesh Maruti.

of SVERI's college of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Gurav Shavarsiddha Nagnath.

of SVERI's college of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Marda Shridhar Shrinivas.

of SVERI's College of Engineering.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 to 23/09/22 working days.

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Bhusare Dnyneshwar Dasharath

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Inamdar Mohammed Sahbi Salim.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Shete Rohan Dnyaneshwar.

of SEVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD • NAGPUR •

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Rathod Yashpalsinh Anil

of SVERI's college of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Shingare Yash Rajesh.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Shinde Ruturaj Pandurang.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Jadhav Amol Dattatray.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Kachare Ganesh Rajaram.

of SVERI's college of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD • NAGPUR •

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Jadhav Dinesh Bhaskar.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Godase Pratik Satish.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Pawar Sushant Navnath.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Kapre Avinash Kalyan.

of SVERI's college of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 29/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Botre Raj Ramesh.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Patil Rushikesh Sudhakar.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Khatavkar Suyash Sanjay.

of SVERI's College of Engineering., Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Pardeshi Yogiraj Dnyandev

of SVERI's college of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on c & c++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Kengar Pandurange Ganpat.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on 18 C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Dhaware Pradip Balasaheb

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Nagtilak Pratik Abhiman.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Koli Sanket Somnath.

of SVERI's College of Engineering, Phandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD • NAGPUR •

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Chandanshive Prajwal Arun.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Ghatule Saurabh Mukesh.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Dhengale Rohan Rajkumar.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Deshmukh Aditya Dattatray.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD • APS • NAGPUR •

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Gadade Vishal Bandu.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Waghmare Mahadev Hanumant.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Rajage Vishal Hanmant.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C ↓ C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Ambule Yogesh Uttam

of SVERI's College of Engineering, Pandharpur,

for successfully completed Industrial Training / Workshop / Internship on of c++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Chavan Rohit Dattatray.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22.

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Pawar kajal vijay

of SVERI's college of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

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APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Shinde Sakshi Dhanaji

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

23 *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Kashid Vaishnavi Rameshwar

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD • NAGPUR •

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Rajmane Gauri Dattatray

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Ghodake Shital Manik

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Shelke Vaishnavi Kakasaheb

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Shelke Ankita Ganesh

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C. & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Patil Samiksha Vasantrao

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

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APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Bagal Dhanashree Yashwant

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Tarange supriya Laxman

of SVERI's college of Engineering, pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Raut shivanjali shivaji

of SVERI's college of Engineering, pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Gaikwad Rutuja Avinash

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

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APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Korake Mansi Sanjay

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Patil Gauri Anil

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

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23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Babar Vishakha Vishnu

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

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23/09/22 *working days.*

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APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Gholave Heha Shivaji

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD • NAGPUR •

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Kshirsagar komal madhukar

of SVERI's college of Engineering, pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Patil Sanika Rajendra

of SVERI's College Of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. PANDHARPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Pawar Tanvi Vijay

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. katkar shivani Rajendra

of SYERIS college of Engineering, pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. More Sakshi Balaso

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Ganeshkar Aboli Rajendra

of SVERIS college of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Jagtap Hamhata Umesh

of BVFRI's college of Engeneerig pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Shete Srusthi Dharmendra

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Tamboli Sobiya Abdulkarim

of SVERI's college of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Bagali Seema Suresh

of SVERT's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

25/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 28/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Chavan Gauri Sanjay

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Kokate Sandhya Raju

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Rathod Swarup Sudhakar

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Sutar Pratik Santosh

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Khaire Shakshi Kiran

of SVERI'S College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C + C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Raut shivanjali shivaji

of SVERI's college of Engineering, pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

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APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Gaikwad Rutuja Avinash

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Date : 23/09/22

Trainer Signature

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APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Patil Gauri Anil

of SVERI's College of Engineering, Pandharpur

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Date : 23/09/22

Trainer Signature

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APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Babar Vishakha Vishnu

of SVERI's College of Engineering, Pandharpur

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Date : 23/09/22

Trainer Signature

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APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Gholave Heha Shivaji

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD • NAGPUR •

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Kshirsagar komal madhukar

of SVERI's college of Engineering, pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Patil Sanika Rajendra

of SVERI's College Of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. PANDHARPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Pawar Tanvi Vijay

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. katkar shivani Rajendra

of SYERIS college of Engineering, pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. More Sakshi Balaso

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Ganeshkar Aboli Rajendra

of SVERIS college of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Jagtap Hamhata Umesh

of BVFRI's college of Engeneerig pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Shete Srusthi Dharmendra

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Tamboli Sobiya Abdulkarim

of SVERI's college of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Bagali Seema Suresh

of SVERT's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

25/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 28/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Chavan Gauri Sanjay

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Kokate Sandhya Raju

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Rathod Swarup Sudhakar

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Sutar Pratik Santosh

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Pawar onkar Sunil

of SVERI's college of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Koli Aryan Sanjay

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Meetre Rohul Sangappa

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Patil Prathmesh Anandrao

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C + C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD • NAGPUR •

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Alashetti Laxman Shivanand

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Thonge Patil Atharv Santosh

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Jadhav Digvijay Sitaram

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Gayal shrikant Hanmant

of SVERI's college of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Matade Ajinkya Sanjay.

of SVERI's College of Engineering, Pandharpur.

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Joshi mohesh Abhay

of SVERI's college of Engineering, pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Kachre Sameer manik

of SVERI's college of Engineering, pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Lomate Mahesh Shivaji

of SVERI's College Of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Gaikwad Aadesh Shahuraj

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Raut vishal Rajaram

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Thorat Vrushal Bharat

of SVERIS college of Egineering, pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Chavan Rohan Ram

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Sarade Nagesh Abaso

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 25/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 28/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Jong vivek Dattatry

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Patole Varunraj Dhananjay

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Deokar Omkar Ashok

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD • NAGPUR •

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. chorade Abhijit Vishwanath

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Bukka Siddhling choudppa

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Waghmare Amit Anand

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD • NAGPUR •

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Nalawade Saurabh Raosaheb

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Dhapate Ajit suryakant

of SVERI's college of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Charan Dhiraj Ajay

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. PANDHARPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Shinde Pravin kundalik

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Kulkarni Yash Satish

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Jagdale Mahesh Bahiru

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

_____ *for the duration of* 19/09/22 *to*

23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Gaikwad Vishwajeet Satish

of SRESI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Shinde Athary Ghanshyam

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT. LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Madane Ishwari Rajshekhar

of SVERI's College of Engineering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD. NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

APS Microtech Pvt. Ltd.

CIN - U72900MH2016PTC287986

TECHNICAL IT TRAINING PROGRAM

This is to certify that

Mr./Ms./Mrs. Hajare Provin Gorakh

of SVERI's college of Engneering, Pandharpur

for successfully completed Industrial Training / Workshop / Internship on C & C++

for the duration of 19/09/22 *to* 23/09/22 *working days.*

We wish him / her all the success in future endeavors.

APS MICROTECH PVT LTD NAGPUR

Date : 23/09/22

Trainer Signature

Authorized Signatory

Summary of Add-on Courses A.Y. 2022-23

Sr. No.	GAP	Action Taken	Date-Month-Year	Resource Person
1	G4: Soft Skills and Communication	Firebase: a comprehensive mobile development platform by Google	24/08/2022 to 29/08/2022	Mr. V. M Sale, Assistant Professor, CSE Department, SVERI's COE, Pandharpur.

HOD CSE

HOD,
Department of Computer Science & Engg
SVERI's C.O.E. Pandharpur

SVERI's
College of Engineering, Pandharpur

Computer Science and Engineering

Add on Course

On

"Firebase: a comprehensive mobile development platform by Google"

Duration – 24th Aug to 29st Aug 2022

Class : T.Y B.Tech

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , **NAAC**, Accredited Institute,
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

Date:14/08/2022

Department of Computer Science and Engineering

NOTICE

As per the Circular from Punyashlok Ahilyadevi Holkar Solapur University, Solapur in regard of Add-on Courses bearing Ref. No. PAHSU/BOEE/452 dated 22/05/2021; all the students of T.Y. B.Tech are informed to note that, it is compulsory for students of T.Y. B.Tech to complete Add-on course from A.Y.2022-2023. Accordingly, Department of CSE has organized **Add on Course** on **"Firebase: a comprehensive mobile development platform by Google"** from **24th Aug 2022 to 29st Aug 2022.**

Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination.

All the concerned should take note and act accordingly.

Program Coordinator

S. P Pawar.
HOD CSE
HOD,
Department of Computer Science & Engg
SVERI's C.O.E. Pandharpur

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Ref. No.: COEPR/CSE/2022-2023 Date:14/08/2022

OFFICE ORDER

Following committee has been constituted for Design and Development of Curriculum for **Add on course 'Firebase: a comprehensive mobile development platform by Google'** for T.Y.B.Tech (CSE) Semester-I of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Prof. Dhumal T. A.	Chairman
2.	Prof. Deval N. D.	Member

The above members are requested to design the curriculum for the said Add on Course and submit final copy of the curriculum to the undersigned on or before 20/08/2022.

Please take a note of the same and act accordingly.

S. P. Pawar
HOD CSE
HOD,
Department of Computer Science & Engg
SVERI's C.O.E. Pandharpur

Copy to:
1. Prof. Dhumal T. A
2. Prof. Deval N. D.
3. Principal
4. Dean Academics
5. Registrar
6. Office copy

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
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Ref. No.: COEPR/CSE/2022-2023 Date:20/08/2022

Department of Computer Science and Engineering

Schedule for Add on course on "Firebase: a comprehensive mobile development platform by Google"

Day wise schedule with syllabus

From: 24/08/2022 to 29/08/2022

Sr NO.	Day &Date	Time	Contents
1	**24/08/2022**	10.00am-1.00pm	**Unit 1: Introduction** Firebase Features, Android Studio,
		1.00pm-2.00pm	Lunch Break
		2.00pm-5.00pm	Adding Firebase to App, Firebase Assistance
2	**25/08/2022**	10.00am-1.00pm	**Unit 2: Firebase Authentication** Firebase Authentication, Signing with Google,
		1.00pm-2.00pm	Lunch Break
		2.00pm-5.00pm	Signing with Facebook, Signing with phone number
3	**26/08/2022**	10.00am-1.00pm	**Unit 3: Firebase UI** UI: using email/password, UI: using email link
		1.00pm-2.00pm	Lunch Break
		2.00pm-5.00pm	**Unit 4: Firebase SDK** SDK: using email/password, SDK: using email link
4	**27/08/2022**	10.00am-1.00pm	**Unit 5: Real-time Database** Real-time Database, Setup & Configuration,
		1.00pm-2.00pm	Lunch Break
		2.00pm-5.00pm	Data organization, Read and Write, Update and Delete
5	**28/08/2022**	10.00am-1.00pm	**Unit 6: Firebase Cloud Storage** Cloud Storage, Setup & Configuration, Creating References, Download Files, Upload Files

		1.00pm-2.00pm Lunch Break	
		2.00pm-5.00pm	**Unit 7: Firebase Hosting** Firebase Hosting
6	**29/08/2022**	10.00am- 1.00pm	**Project**
		1.00pm-2.00pm Lunch Break	
		2.00pm-5.00pm	**Project**

Co-ordinator

S. P. Pawar

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SVERI's COLLEGE OF ENGINEERING PANDHARPUR
DEPARTMENT OF COMPUTER SCINECE AND ENGINEERING
A.Y. 2022-23 SEM-I
Add on Course "Firebase: a comprehensive mobile development platform by Google"
TY-A **Date:** 24/08/2022

Attendance Sheet

Roll No.	Name of Student	P/A	Roll No.	Name of Student	P/A
A1	Bahirwade Pooja Rajendra	P	A40	Ghadge Pradip Pandurang	P
A2	Birajdar Shraddha Siddharam	P	A41	Ghodke Aditya Anand	P
A3	Dalave Snehal Sanjay	P	A42	Haralkar Pravin Sambhaji	A
A4	Dhembare Monali Bandu	P	A43	Ingale Krushna Rameshwar	P
A5	Dhotre Khushi Avinash	P	A44	Jadhav Ritesh Samadhan	P
A6	Farad Vaishnavi Bapurao	P	A45	Jagadale Ganesh Balasaheb	P
A7	Jadhav Sanskruti Rupchand	P	A46	Jamdade Om Balasaheb	P
A8	Kadam Sanskruti Sanjay	P	A47	Kaldhone Ganesh Jayant	P
A9	Kapase Priti Tukaram	P	A48	Kapse Shriyash Dhananjay	P
A10	Kupade Rutuja Vaibhav	P	A49	Karande Suraj Balu	P
A11	Linge Sayali Laxman	P	A50	Kaulwar Yash Shrinivas	P
A12	Lokhande Dhanashree Amol	P	A51	Khatal Chetan Dipak	P
A13	Mali Shilpa Sajjan	P	A52	Koli Jeevan Bajarang	P
A14	Mandve Vaishnavi Santosh	P	A53	Naiknavare Ganesh Shantilal	P
A15	Mane Rutuja Sanjay	P	A54	Nargide Harsh Rajesh	P
A16	Masalekar Samrudhi Dattatraya	P	A55	Narute Prajwal Pandurang	P
A17	Mujawar Ayesha Karim	P	A56	Patil Krishna Surendra	P
A18	Pasale Akanksha Sadashiv	P	A57	Patil Mahesh Vikram	P
A19	Patel Saifa Fayaj	P	A58	Patil Yashraj Shivling	P
A20	Pawar Akanksha Sanjay	A	A59	Pethe Shubham Somnath	P
A21	Pore Nikita Dnyaneshwar	P	A60	Repal Yash Sunil	P
A22	Rajurkar Sakshi Chandrashekhar	P	A61	Salgar Avinash Netaji	P
A23	Raut Rohini Bibhishan	P	A62	Shinde Digvijay Sambhaji	P
A24	Repal Pradnya Anil	P	A63	Shinde Somnath Suresh	P
A25	Salvitthal Sakshi Sanjay	P	A64	Sonawane Sanket Nagesh	P
A26	Sasane Diksha Ranjeet	P	A65	Surshetwar Abhijeet Balkrishna	P
A27	Sathe Prajakta Dilip	P	A66	Surwase Shreyas Shankar	P
A28	Shende Shivani Chandrakant	P	A67	Thorat Prasad Nanasaheb	A
A29	Sutar Sonali Krushnat	P	A68	Virdhe Amrut Yogesh	P
A30	Tad Nikita Bapu	P	A69	Virkar Vikas Mansing	P
A31	Thengal Rutuja Bramhadev	P	A70	Waghmare Aditya Ramchandra	P
A32	Tule Sandhya Shivaji	P	A71	Waghmare Pranav Prashant	P
A33	Pawar Nupur Nilesh	P	A72	Waghule Rushikesh Rajesh	P
A34	Rajeshwari Dharmraj Ghodake	P	A73	Parchande Saurabh Sudhir	P
A35	Bamane Pratish Naganath	A	A74	Shinde Prasad Rajendra	P
A36	Chavan Akshay Vilas	P	A75	Palkar Aniket Dhananjay	P
A37	Davale Atharv Milind	P	A76	Jadhav Nikhil Tanaji	P
A38	Deshpande Atharv Arvind	P	A77	Gadade Malhar Manish	P
A39	Gaikwad Saurabh Sunil	P			

Co-ordinator

S.P Pawar
HOD CSE

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DEPARTMENT OF COMPUTER SCINECE AND ENGINEERING
A.Y. 2022-23 SEM-I
Add on Course "Firebase: a comprehensive mobile development platform by Google"
TY-B **Date:** 24/08/2022

Attendance Sheet

Roll No.	Name of Student	P/A	Roll No.	Name of Student	P/A
B01	Ambule Swati Saudagar	P	B37	Birajdar Gaurav Rajendra	P
B02	Betale Gayatri Pavankumar	P	B38	Bulbule Kaivalya Santosh	P
B03	Bile Anuja Agatrao	P	B39	Deshmukh Shambhuraje Ramraje	P
B04	Choudhari Sanyogita Baba	P	B40	Dhularao Shreyash Chandrakant	P
B05	Darade Snehal Santosh	P	B41	Dixit Om Ramesh	P
B06	Galande Sneha Santosh	A	B42	Gaikwad Sudarshan Shankar	P
B07	Gavali Sampada Sanjay	P	B43	Gaikwad Sujay Subhash	P
B08	Ghuge Lawale Nikita Dhananjay	P	B44	Gangthade Ritesh Ananda	P
B09	Gove Pragati Shankar	P	B45	Gokhale Aditya Maruti	P
B10	Hilal Pranali Pandurang	P	B46	Gulamkar Saurabh Kalidas	P
B11	Jagtap Neha Sudhakar	P	B47	Hingmire Atharv Milind	P
B12	Jagtap Nikita Chandrahas	P	B48	Huke Tejas Ramrao	P
B13	Jagtap Purva Chintamani	P	B49	Jadhav Dinesh Datta	P
B14	Khude Sonali Ashok	P	B50	Jadhav Mayur Rajkumar	P
B15	Kokare Aishwarya Mahadeo	P	B51	Jagtap Rohit Mahadeo	A
B16	Kumbhar Namrata Vishnu	P	B52	Kadganchi Om Balasaheb	P
B17	Landge Akanksha Namdev	P	B53	Kagane Vitthal Pandit	P
B18	Lokare Aparna Keraba	P	B54	Koli Viraj Vijay	P
B19	Lokhande Kiran Anandrao	P	B55	Kurnawal Chinmay Kailas	P
B20	Nikam Sakshi Chintamani	P	B56	Lamkane Ganesh Shankar	P
B21	Nishita Patil	P	B57	Lavate Nilesh Narayan	P
B22	Patil Sanika Mukund	P	B58	Mote Sudarshan Laxman	P
B23	Patole Poonam Vilas	P	B59	Nagane Prashant Samadhan	P
B24	Raut Sonali Gokul	P	B60	Parit Rohit Madolappa	P
B25	Rohite Aishwarya Balkrushna	P	B61	Patil Akshay Mayappa	P
B26	Shreya Ramesh Kanade	P	B62	Patwari Tukaram Kamlakar	A
B27	Sudke Gaytri Bibhishan	P	B63	Sahil Pradeep Ambhure	P
B28	Kamble Divya Rajkumar	P	B64	Saqib Amin Najar	P
B29	Mane Pragati Narayan	P	B65	Vanave Mihir Bapu	P
B30	Aiwale Dipak Eknath	P	B66	Vishwamantri Mahesh Shrimant	P
B31	Aware Rushikesh Fulchand	P	B67	Shevantikar Pradnesh Amar	P
B32	Badave Shriprasad Achyut	A	B68	Korachagao Abhishek Siddharam	P
B33	Bandgar Shubham Daryaba	P	B69	Kulkarni Parth Nagesh	P
B34	Bansode Harshad Abhiman	P	B70	Udata Avinash Prabhakar	P
B35	Baraskar Mustkeem Mahamadhanif	P	B71	Jadhav Vinayak Ravindra	P
B36	Bhosale Sudarshan Gopichand	P	B72	Sawant Aishwarya Maruti	P

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TY-A **Date:** 25/08/2022

Attendance Sheet

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A1	Bahirwade Pooja Rajendra	P	A40	Ghadge Pradip Pandurang	P
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A14	Mandve Vaishnavi Santosh	P	A53	Naiknavare Ganesh Shantilal	P
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TY-B **Date:** 25/08/2022
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B08	Ghuge Lawale Nikita Dhananjay	P	B44	Gangthade Ritesh Ananda	P
B09	Gove Pragati Shankar	P	B45	Gokhale Aditya Maruti	P
B10	Hilal Pranali Pandurang	P	B46	Gulamkar Saurabh Kalidas	P
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B13	Jagtap Purva Chintamani	P	B49	Jadhav Dinesh Datta	P
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B16	Kumbhar Namrata Vishnu	P	B52	Kadganchi Om Balasaheb	P
B17	Landge Akanksha Namdev	A	B53	Kagane Vitthal Pandit	P
B18	Lokare Aparna Keraba	P	B54	Koli Viraj Vijay	P
B19	Lokhande Kiran Anandrao	P	B55	Kurnawal Chinmay Kailas	P
B20	Nikam Sakshi Chintamani	P	B56	Lamkane Ganesh Shankar	P
B21	Nishita Patil	P	B57	Lavate Nilesh Narayan	P
B22	Patil Sanika Mukund	P	B58	Mote Sudarshan Laxman	P
B23	Patole Poonam Vilas	P	B59	Nagane Prashant Samadhan	P
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B27	Sudke Gaytri Bibhishan	P	B63	Sahil Pradeep Ambhure	P
B28	Kamble Divya Rajkumar	P	B64	Saqib Amin Najar	P
B29	Mane Pragati Narayan	P	B65	Vanave Mihir Bapu	P
B30	Aiwale Dipak Eknath	P	B66	Vishwamantri Mahesh Shrimant	P
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B32	Badave Shriprasad Achyut	P	B68	Korachagao Abhishek Siddharam	P
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B35	Baraskar Mustkeem Mahamadhanif	P	B71	Jadhav Vinayak Ravindra	P
B36	Bhosale Sudarshan Gopichand	P	B72	Sawant Aishwarya Maruti	P

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A.Y. 2022-23 SEM-I
Add on Course "Firebase: a comprehensive mobile development platform by Google"
TY-A **Date:** 26/08/2022
Attendance Sheet

Roll No.	Name of Student	P/A	Roll No.	Name of Student	P/A
A1	Bahirwade Pooja Rajendra	P	A40	Ghadge Pradip Pandurang	P
A2	Birajdar Shraddha Siddharam	P	A41	Ghodke Aditya Anand	P
A3	Dalave Snehal Sanjay	P	A42	Haralkar Pravin Sambhaji	P
A4	Dhembare Monali Bandu	P	A43	Ingale Krushna Rameshwar	P
A5	Dhotre Khushi Avinash	P	A44	Jadhav Ritesh Samadhan	A
A6	Farad Vaishnavi Bapurao	A	A45	Jagadale Ganesh Balasaheb	P
A7	Jadhav Sanskruti Rupchand	P	A46	Jamdade Om Balasaheb	P
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A10	Kupade Rutuja Vaibhav	P	A49	Karande Suraj Balu	P
A11	Linge Sayali Laxman	P	A50	Kaulwar Yash Shrinivas	P
A12	Lokhande Dhanashree Amol	P	A51	Khatal Chetan Dipak	P
A13	Mali Shilpa Sajjan	P	A52	Koli Jeevan Bajarang	P
A14	Mandve Vaishnavi Santosh	P	A53	Naiknavare Ganesh Shantilal	P
A15	Mane Rutuja Sanjay	P	A54	Nargide Harsh Rajesh	P
A16	Masalekar Samrudhi Dattatraya	P	A55	Narute Prajwal Pandurang	P
A17	Mujawar Ayesha Karim	P	A56	Patil Krishna Surendra	P
A18	Pasale Akanksha Sadashiv	A	A57	Patil Mahesh Vikram	P
A19	Patel Saifa Fayaj	P	A58	Patil Yashraj Shivling	P
A20	Pawar Akanksha Sanjay	P	A59	Pethe Shubham Somnath	P
A21	Pore Nikita Dnyaneshwar	P	A60	Repal Yash Sunil	P
A22	Rajurkar Sakshi Chandrashekhar	P	A61	Salgar Avinash Netaji	P
A23	Raut Rohini Bibhishan	P	A62	Shinde Digvijay Sambhaji	P
A24	Repal Pradnya Anil	P	A63	Shinde Somnath Suresh	P
A25	Salvitthal Sakshi Sanjay	P	A64	Sonawane Sanket Nagesh	P
A26	Sasane Diksha Ranjeet	P	A65	Surshetwar Abhijeet Balkrishna	P
A27	Sathe Prajakta Dilip	P	A66	Surwase Shreyas Shankar	P
A28	Shende Shivani Chandrakant	P	A67	Thorat Prasad Nanasaheb	A
A29	Sutar Sonali Krushnat	P	A68	Virdhe Amrut Yogesh	P
A30	Tad Nikita Bapu	P	A69	Virkar Vikas Mansing	P
A31	Thengal Rutuja Bramhadev	P	A70	Waghmare Aditya Ramchandra	P
A32	Tule Sandhya Shivaji	P	A71	Waghmare Pranav Prashant	P
A33	Pawar Nupur Nilesh	P	A72	Waghule Rushikesh Rajesh	P
A34	Rajeshwari Dharmraj Ghodake	P	A73	Parchande Saurabh Sudhir	P
A35	Bamane Pratish Naganath	P	A74	Shinde Prasad Rajendra	P
A36	Chavan Akshay Vilas	P	A75	Palkar Aniket Dhananjay	P
A37	Davale Atharv Milind	P	A76	Jadhav Nikhil Tanaji	P
A38	Deshpande Atharv Arvind	P	A77	Gadade Malhar Manish	P
A39	Gaikwad Saurabh Sunil	P			

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DEPARTMENT OF COMPUTER SCINECE AND ENGINEERING
A.Y. 2022-23 SEM-I
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TY-B **Date:** 26/08/2022
Attendance Sheet

Roll No.	Name of Student	P/A	Roll No.	Name of Student	P/A
B01	Ambule Swati Saudagar	P	B37	Birajdar Gaurav Rajendra	P
B02	Betale Gayatri Pavankumar	P	B38	Bulbule Kaivalya Santosh	P
B03	Bile Anuja Agatrao	P	B39	Deshmukh Shambhuraje Ramraje	P
B04	Choudhari Sanyogita Baba	P	B40	Dhularao Shreyash Chandrakant	P
B05	Darade Snehal Santosh	P	B41	Dixit Om Ramesh	P
B06	Galande Sneha Santosh	P	B42	Gaikwad Sudarshan Shankar	A
B07	Gavali Sampada Sanjay	P	B43	Gaikwad Sujay Subhash	P
B08	Ghuge Lawale Nikita Dhananjay	P	B44	Gangthade Ritesh Ananda	P
B09	Gove Pragati Shankar	P	B45	Gokhale Aditya Maruti	P
B10	Hilal Pranali Pandurang	P	B46	Gulamkar Saurabh Kalidas	P
B11	Jagtap Neha Sudhakar	P	B47	Hingmire Atharv Milind	P
B12	Jagtap Nikita Chandrahas	P	B48	Huke Tejas Ramrao	P
B13	Jagtap Purva Chintamani	P	B49	Jadhav Dinesh Datta	P
B14	Khude Sonali Ashok	A	B50	Jadhav Mayur Rajkumar	P
B15	Kokare Aishwarya Mahadeo	P	B51	Jagtap Rohit Mahadeo	P
B16	Kumbhar Namrata Vishnu	P	B52	Kadganchi Om Balasaheb	P
B17	Landge Akanksha Namdev	P	B53	Kagane Vitthal Pandit	P
B18	Lokare Aparna Keraba	P	B54	Koli Viraj Vijay	A
B19	Lokhande Kiran Anandrao	P	B55	Kurnawal Chinmay Kailas	P
B20	Nikam Sakshi Chintamani	P	B56	Lamkane Ganesh Shankar	P
B21	Nishita Patil	P	B57	Lavate Nilesh Narayan	P
B22	Patil Sanika Mukund	P	B58	Mote Sudarshan Laxman	P
B23	Patole Poonam Vilas	P	B59	Nagane Prashant Samadhan	P
B24	Raut Sonali Gokul	P	B60	Parit Rohit Madolappa	P
B25	Rohite Aishwarya Balkrushna	P	B61	Patil Akshay Mayappa	P
B26	Shreya Ramesh Kanade	P	B62	Patwari Tukaram Kamlakar	P
B27	Sudke Gaytri Bibhishan	P	B63	Sahil Pradeep Ambhure	P
B28	Kamble Divya Rajkumar	P	B64	Saqib Amin Najar	P
B29	Mane Pragati Narayan	A	B65	Vanave Mihir Bapu	P
B30	Aiwale Dipak Eknath	P	B66	Vishwamantri Mahesh Shrimant	P
B31	Aware Rushikesh Fulchand	P	B67	Shevantikar Pradnesh Amar	A
B32	Badave Shriprasad Achyut	P	B68	Korachagao Abhishek Siddharam	P
B33	Bandgar Shubham Daryaba	P	B69	Kulkarni Parth Nagesh	P
B34	Bansode Harshad Abhiman	P	B70	Udata Avinash Prabhakar	P
B35	Baraskar Mustkeem Mahamadhanif	P	B71	Jadhav Vinayak Ravindra	P
B36	Bhosale Sudarshan Gopichand	P	B72	Sawant Aishwarya Maruti	P

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TY-A **Date:** 27/08/2022
Attendance Sheet

Roll No.	Name of Student	P/A	Roll No.	Name of Student	P/A
A1	Bahirwade Pooja Rajendra	P	A40	Ghadge Pradip Pandurang	P
A2	Birajdar Shraddha Siddharam	P	A41	Ghodke Aditya Anand	P
A3	Dalave Snehal Sanjay	P	A42	Haralkar Pravin Sambhaji	P
A4	Dhembare Monali Bandu	P	A43	Ingale Krushna Rameshwar	P
A5	Dhotre Khushi Avinash	P	A44	Jadhav Ritesh Samadhan	P
A6	Farad Vaishnavi Bapurao	P	A45	Jagadale Ganesh Balasaheb	P
A7	Jadhav Sanskruti Rupchand	P	A46	Jamdade Om Balasaheb	P
A8	Kadam Sanskruti Sanjay	P	A47	Kaldhone Ganesh Jayant	A
A9	Kapase Priti Tukaram	A	A48	Kapse Shriyash Dhananjay	P
A10	Kupade Rutuja Vaibhav	P	A49	Karande Suraj Balu	P
A11	Linge Sayali Laxman	P	A50	Kaulwar Yash Shrinivas	P
A12	Lokhande Dhanashree Amol	P	A51	Khatal Chetan Dipak	P
A13	Mali Shilpa Sajjan	P	A52	Koli Jeevan Bajarang	P
A14	Mandve Vaishnavi Santosh	P	A53	Naiknavare Ganesh Shantilal	P
A15	Mane Rutuja Sanjay	P	A54	Nargide Harsh Rajesh	P
A16	Masalekar Samrudhi Dattatraya	P	A55	Narute Prajwal Pandurang	P
A17	Mujawar Ayesha Karim	P	A56	Patil Krishna Surendra	P
A18	Pasale Akanksha Sadashiv	P	A57	Patil Mahesh Vikram	P
A19	Patel Saifa Fayaj	P	A58	Patil Yashraj Shivling	P
A20	Pawar Akanksha Sanjay	P	A59	Pethe Shubham Somnath	P
A21	Pore Nikita Dnyaneshwar	P	A60	Repal Yash Sunil	P
A22	Rajurkar Sakshi Chandrashekhar	P	A61	Salgar Avinash Netaji	P
A23	Raut Rohini Bibhishan	P	A62	Shinde Digvijay Sambhaji	A
A24	Repal Pradnya Anil	P	A63	Shinde Somnath Suresh	P
A25	Salvitthal Sakshi Sanjay	P	A64	Sonawane Sanket Nagesh	P
A26	Sasane Diksha Ranjeet	P	A65	Surshetwar Abhijeet Balkrishna	P
A27	Sathe Prajakta Dilip	P	A66	Surwase Shreyas Shankar	P
A28	Shende Shivani Chandrakant	P	A67	Thorat Prasad Nanasaheb	P
A29	Sutar Sonali Krushnat	P	A68	Virdhe Amrut Yogesh	P
A30	Tad Nikita Bapu	A	A69	Virkar Vikas Mansing	P
A31	Thengal Rutuja Bramhadev	P	A70	Waghmare Aditya Ramchandra	P
A32	Tule Sandhya Shivaji	P	A71	Waghmare Pranav Prashant	P
A33	Pawar Nupur Nilesh	P	A72	Waghule Rushikesh Rajesh	P
A34	Rajeshwari Dharmraj Ghodake	P	A73	Parchande Saurabh Sudhir	P
A35	Bamane Pratish Naganath	P	A74	Shinde Prasad Rajendra	P
A36	Chavan Akshay Vilas	P	A75	Palkar Aniket Dhananjay	P
A37	Davale Atharv Milind	P	A76	Jadhav Nikhil Tanaji	P
A38	Deshpande Atharv Arvind	P	A77	Gadade Malhar Manish	P
A39	Gaikwad Saurabh Sunil	P			

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Attendance Sheet

Roll No.	Name of Student	P/A	Roll No.	Name of Student	P/A
B01	Ambule Swati Saudagar	P	B37	Birajdar Gaurav Rajendra	P
B02	Betale Gayatri Pavankumar	P	B38	Bulbule Kaivalya Santosh	P
B03	Bile Anuja Agatrao	P	B39	Deshmukh Shambhuraje Ramraje	P
B04	Choudhari Sanyogita Baba	P	B40	Dhularao Shreyash Chandrakant	P
B05	Darade Snehal Santosh	P	B41	Dixit Om Ramesh	P
B06	Galande Sneha Santosh	P	B42	Gaikwad Sudarshan Shankar	P
B07	Gavali Sampada Sanjay	P	B43	Gaikwad Sujay Subhash	P
B08	Ghuge Lawale Nikita Dhananjay	P	B44	Gangthade Ritesh Ananda	P
B09	Gove Pragati Shankar	P	B45	Gokhale Aditya Maruti	A
B10	Hilal Pranali Pandurang	P	B46	Gulamkar Saurabh Kalidas	P
B11	Jagtap Neha Sudhakar	P	B47	Hingmire Atharv Milind	P
B12	Jagtap Nikita Chandrahas	P	B48	Huke Tejas Ramrao	P
B13	Jagtap Purva Chintamani	A	B49	Jadhav Dinesh Datta	P
B14	Khude Sonali Ashok	P	B50	Jadhav Mayur Rajkumar	P
B15	Kokare Aishwarya Mahadeo	P	B51	Jagtap Rohit Mahadeo	P
B16	Kumbhar Namrata Vishnu	P	B52	Kadganchi Om Balasaheb	P
B17	Landge Akanksha Namdev	P	B53	Kagane Vitthal Pandit	P
B18	Lokare Aparna Keraba	P	B54	Koli Viraj Vijay	P
B19	Lokhande Kiran Anandrao	P	B55	Kurnawal Chinmay Kailas	P
B20	Nikam Sakshi Chintamani	P	B56	Lamkane Ganesh Shankar	P
B21	Nishita Patil	P	B57	Lavate Nilesh Narayan	P
B22	Patil Sanika Mukund	P	B58	Mote Sudarshan Laxman	P
B23	Patole Poonam Vilas	P	B59	Nagane Prashant Samadhan	P
B24	Raut Sonali Gokul	P	B60	Parit Rohit Madolappa	P
B25	Rohite Aishwarya Balkrushna	P	B61	Patil Akshay Mayappa	P
B26	Shreya Ramesh Kanade	P	B62	Patwari Tukaram Kamlakar	P
B27	Sudke Gaytri Bibhishan	P	B63	Sahil Pradeep Ambhure	P
B28	Kamble Divya Rajkumar	P	B64	Saqib Amin Najar	A
B29	Mane Pragati Narayan	P	B65	Vanave Mihir Bapu	P
B30	Aiwale Dipak Eknath	P	B66	Vishwamantri Mahesh Shrimant	P
B31	Aware Rushikesh Fulchand	P	B67	Shevantikar Pradnesh Amar	P
B32	Badave Shriprasad Achyut	P	B68	Korachagao Abhishek Siddharam	P
B33	Bandgar Shubham Daryaba	P	B69	Kulkarni Parth Nagesh	P
B34	Bansode Harshad Abhiman	P	B70	Udata Avinash Prabhakar	P
B35	Baraskar Mustkeem Mahamadhanif	P	B71	Jadhav Vinayak Ravindra	P
B36	Bhosale Sudarshan Gopichand	P	B72	Sawant Aishwarya Maruti	P

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TY-A **Date:** 28/08/2022

Attendance Sheet

Roll No.	Name of Student	P/A	Roll No.	Name of Student	P/A
A1	Bahirwade Pooja Rajendra	P	A40	Ghadge Pradip Pandurang	P
A2	Birajdar Shraddha Siddharam	P	A41	Ghodke Aditya Anand	P
A3	Dalave Snehal Sanjay	P	A42	Haralkar Pravin Sambhaji	P
A4	Dhembare Monali Bandu	P	A43	Ingale Krushna Rameshwar	A
A5	Dhotre Khushi Avinash	P	A44	Jadhav Ritesh Samadhan	P
A6	Farad Vaishnavi Bapurao	A	A45	Jagadale Ganesh Balasaheb	P
A7	Jadhav Sanskruti Rupchand	P	A46	Jamdade Om Balasaheb	P
A8	Kadam Sanskruti Sanjay	P	A47	Kaldhone Ganesh Jayant	P
A9	Kapase Priti Tukaram	P	A48	Kapse Shriyash Dhananjay	P
A10	Kupade Rutuja Vaibhav	P	A49	Karande Suraj Balu	P
A11	Linge Sayali Laxman	P	A50	Kaulwar Yash Shrinivas	P
A12	Lokhande Dhanashree Amol	A	A51	Khatal Chetan Dipak	P
A13	Mali Shilpa Sajjan	P	A52	Koli Jeevan Bajarang	P
A14	Mandve Vaishnavi Santosh	P	A53	Naiknavare Ganesh Shantilal	P
A15	Mane Rutuja Sanjay	P	A54	Nargide Harsh Rajesh	P
A16	Masalekar Samrudhi Dattatraya	P	A55	Narute Prajwal Pandurang	P
A17	Mujawar Ayesha Karim	P	A56	Patil Krishna Surendra	P
A18	Pasale Akanksha Sadashiv	P	A57	Patil Mahesh Vikram	P
A19	Patel Saifa Fayaj	P	A58	Patil Yashraj Shivling	P
A20	Pawar Akanksha Sanjay	P	A59	Pethe Shubham Somnath	A
A21	Pore Nikita Dnyaneshwar	P	A60	Repal Yash Sunil	P
A22	Rajurkar Sakshi Chandrashekhar	P	A61	Salgar Avinash Netaji	P
A23	Raut Rohini Bibhishan	P	A62	Shinde Digvijay Sambhaji	P
A24	Repal Pradnya Anil	A	A63	Shinde Somnath Suresh	P
A25	Salvitthal Sakshi Sanjay	P	A64	Sonawane Sanket Nagesh	P
A26	Sasane Diksha Ranjeet	P	A65	Surshetwar Abhijeet Balkrishna	P
A27	Sathe Prajakta Dilip	P	A66	Surwase Shreyas Shankar	P
A28	Shende Shivani Chandrakant	P	A67	Thorat Prasad Nanasaheb	P
A29	Sutar Sonali Krushnat	P	A68	Virdhe Amrut Yogesh	P
A30	Tad Nikita Bapu	P	A69	Virkar Vikas Mansing	P
A31	Thengal Rutuja Bramhadev	P	A70	Waghmare Aditya Ramchandra	P
A32	Tule Sandhya Shivaji	P	A71	Waghmare Pranav Prashant	P
A33	Pawar Nupur Nilesh	P	A72	Waghule Rushikesh Rajesh	P
A34	Rajeshwari Dharmraj Ghodake	P	A73	Parchande Saurabh Sudhir	P
A35	Bamane Pratish Naganath	P	A74	Shinde Prasad Rajendra	P
A36	Chavan Akshay Vilas	P	A75	Palkar Aniket Dhananjay	P
A37	Davale Atharv Milind	P	A76	Jadhav Nikhil Tanaji	P
A38	Deshpande Atharv Arvind	P	A77	Gadade Malhar Manish	P
A39	Gaikwad Saurabh Sunil	P			

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TY-B **Date:** 23/08/2022
Attendance Sheet

Roll No.	Name of Student	P/A	Roll No.	Name of Student	P/A
B01	Ambule Swati Saudagar	P	B37	Birajdar Gaurav Rajendra	A
B02	Betale Gayatri Pavankumar	P	B38	Bulbule Kaivalya Santosh	P
B03	Bile Anuja Agatrao	P	B39	Deshmukh Shambhuraje Ramraje	P
B04	Choudhari Sanyogita Baba	P	B40	Dhularao Shreyash Chandrakant	P
B05	Darade Snehal Santosh	P	B41	Dixit Om Ramesh	P
B06	Galande Sneha Santosh	P	B42	Gaikwad Sudarshan Shankar	A
B07	Gavali Sampada Sanjay	P	B43	Gaikwad Sujay Subhash	P
B08	Ghuge Lawale Nikita Dhananjay	P	B44	Gangthade Ritesh Ananda	P
B09	Gove Pragati Shankar	P	B45	Gokhale Aditya Maruti	P
B10	Hilal Pranali Pandurang	P	B46	Gulamkar Saurabh Kalidas	P
B11	Jagtap Neha Sudhakar	P	B47	Hingmire Atharv Milind	P
B12	Jagtap Nikita Chandrahas	P	B48	Huke Tejas Ramrao	P
B13	Jagtap Purva Chintamani	P	B49	Jadhav Dinesh Datta	P
B14	Khude Sonali Ashok	P	B50	Jadhav Mayur Rajkumar	P
B15	Kokare Aishwarya Mahadeo	P	B51	Jagtap Rohit Mahadeo	A
B16	Kumbhar Namrata Vishnu	P	B52	Kadganchi Om Balasaheb	P
B17	Landge Akanksha Namdev	P	B53	Kagane Vitthal Pandit	P
B18	Lokare Aparna Keraba	P	B54	Koli Viraj Vijay	P
B19	Lokhande Kiran Anandrao	P	B55	Kurnawal Chinmay Kailas	P
B20	Nikam Sakshi Chintamani	P	B56	Lamkane Ganesh Shankar	P
B21	Nishita Patil	P	B57	Lavate Nilesh Narayan	P
B22	Patil Sanika Mukund	P	B58	Mote Sudarshan Laxman	A
B23	Patole Poonam Vilas	P	B59	Nagane Prashant Samadhan	P
B24	Raut Sonali Gokul	P	B60	Parit Rohit Madolappa	P
B25	Rohite Aishwarya Balkrushna	P	B61	Patil Akshay Mayappa	P
B26	Shreya Ramesh Kanade	A	B62	Patwari Tukaram Kamlakar	P
B27	Sudke Gaytri Bibhishan	P	B63	Sahil Pradeep Ambhure	P
B28	Kamble Divya Rajkumar	P	B64	Saqib Amin Najar	P
B29	Mane Pragati Narayan	A	B65	Vanave Mihir Bapu	A
B30	Aiwale Dipak Eknath	P	B66	Vishwamantri Mahesh Shrimant	P
B31	Aware Rushikesh Fulchand	P	B67	Shevantikar Pradnesh Amar	P
B32	Badave Shriprasad Achyut	P	B68	Korachagao Abhishek Siddharam	P
B33	Bandgar Shubham Daryaba	P	B69	Kulkarni Parth Nagesh	P
B34	Bansode Harshad Abhiman	P	B70	Udata Avinash Prabhakar	P
B35	Baraskar Mustkeem Mahamadhanif	P	B71	Jadhav Vinayak Ravindra	P
B36	Bhosale Sudarshan Gopichand	P	B72	Sawant Aishwarya Maruti	P

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TY-A **Date:** 29/08/2022

Attendance Sheet

Roll No.	Name of Student	P/A	Roll No.	Name of Student	P/A
A1	Bahirwade Pooja Rajendra	P	A40	Ghadge Pradip Pandurang	P
A2	Birajdar Shraddha Siddharam	P	A41	Ghodke Aditya Anand	P
A3	Dalave Snehal Sanjay	P	A42	Haralkar Pravin Sambhaji	P
A4	Dhembare Monali Bandu	P	A43	Ingale Krushna Rameshwar	A
A5	Dhotre Khushi Avinash	P	A44	Jadhav Ritesh Samadhan	P
A6	Farad Vaishnavi Bapurao	P	A45	Jagadale Ganesh Balasaheb	P
A7	Jadhav Sanskruti Rupchand	P	A46	Jamdade Om Balasaheb	P
A8	Kadam Sanskruti Sanjay	P	A47	Kaldhone Ganesh Jayant	P
A9	Kapase Priti Tukaram	P	A48	Kapse Shriyash Dhananjay	P
A10	Kupade Rutuja Vaibhav	P	A49	Karande Suraj Balu	P
A11	Linge Sayali Laxman	P	A50	Kaulwar Yash Shrinivas	P
A12	Lokhande Dhanashree Amol	P	A51	Khatal Chetan Dipak	P
A13	Mali Shilpa Sajjan	P	A52	Koli Jeevan Bajarang	P
A14	Mandve Vaishnavi Santosh	P	A53	Naiknavare Ganesh Shantilal	P
A15	Mane Rutuja Sanjay	P	A54	Nargide Harsh Rajesh	P
A16	Masalekar Samrudhi Dattatraya	P	A55	Narute Prajwal Pandurang	P
A17	Mujawar Ayesha Karim	A	A56	Patil Krishna Surendra	P
A18	Pasale Akanksha Sadashiv	P	A57	Patil Mahesh Vikram	A
A19	Patel Saifa Fayaj	P	A58	Patil Yashraj Shivling	P
A20	Pawar Akanksha Sanjay	P	A59	Pethe Shubham Somnath	P
A21	Pore Nikita Dnyaneshwar	P	A60	Repal Yash Sunil	P
A22	Rajurkar Sakshi Chandrashekhar	P	A61	Salgar Avinash Netaji	P
A23	Raut Rohini Bibhishan	P	A62	Shinde Digvijay Sambhaji	P
A24	Repal Pradnya Anil	P	A63	Shinde Somnath Suresh	P
A25	Salvitthal Sakshi Sanjay	P	A64	Sonawane Sanket Nagesh	P
A26	Sasane Diksha Ranjeet	P	A65	Surshetwar Abhijeet Balkrishna	P
A27	Sathe Prajakta Dilip	P	A66	Surwase Shreyas Shankar	P
A28	Shende Shivani Chandrakant	P	A67	Thorat Prasad Nanasaheb	P
A29	Sutar Sonali Krushnat	P	A68	Virdhe Amrut Yogesh	P
A30	Tad Nikita Bapu	P	A69	Virkar Vikas Mansing	P
A31	Thengal Rutuja Bramhadev	P	A70	Waghmare Aditya Ramchandra	P
A32	Tule Sandhya Shivaji	P	A71	Waghmare Pranav Prashant	P
A33	Pawar Nupur Nilesh	P	A72	Waghule Rushikesh Rajesh	P
A34	Rajeshwari Dharmraj Ghodake	P	A73	Parchande Saurabh Sudhir	P
A35	Bamane Pratish Naganath	P	A74	Shinde Prasad Rajendra	P
A36	Chavan Akshay Vilas	P	A75	Palkar Aniket Dhananjay	P
A37	Davale Atharv Milind	P	A76	Jadhav Nikhil Tanaji	P
A38	Deshpande Atharv Arvind	P	A77	Gadade Malhar Manish	P
A39	Gaikwad Saurabh Sunil	P			

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Roll No.	Name of Student	P/A	Roll No.	Name of Student	P/A
B01	Ambule Swati Saudagar	P	B37	Birajdar Gaurav Rajendra	P
B02	Betale Gayatri Pavankumar	P	B38	Bulbule Kaivalya Santosh	P
B03	Bile Anuja Agatrao	P	B39	Deshmukh Shambhuraje Ramraje	P
B04	Choudhari Sanyogita Baba	P	B40	Dhularao Shreyash Chandrakant	P
B05	Darade Snehal Santosh	P	B41	Dixit Om Ramesh	P
B06	Galande Sneha Santosh	P	B42	Gaikwad Sudarshan Shankar	P
B07	Gavali Sampada Sanjay	A	B43	Gaikwad Sujay Subhash	A
B08	Ghuge Lawale Nikita Dhananjay	P	B44	Gangthade Ritesh Ananda	P
B09	Gove Pragati Shankar	P	B45	Gokhale Aditya Maruti	P
B10	Hilal Pranali Pandurang	P	B46	Gulamkar Saurabh Kalidas	P
B11	Jagtap Neha Sudhakar	P	B47	Hingmire Atharv Milind	P
B12	Jagtap Nikita Chandrahas	P	B48	Huke Tejas Ramrao	P
B13	Jagtap Purva Chintamani	P	B49	Jadhav Dinesh Datta	P
B14	Khude Sonali Ashok	P	B50	Jadhav Mayur Rajkumar	P
B15	Kokare Aishwarya Mahadeo	P	B51	Jagtap Rohit Mahadeo	P
B16	Kumbhar Namrata Vishnu	A	B52	Kadganchi Om Balasaheb	P
B17	Landge Akanksha Namdev	P	B53	Kagane Vitthal Pandit	P
B18	Lokare Aparna Keraba	P	B54	Koli Viraj Vijay	A
B19	Lokhande Kiran Anandrao	P	B55	Kurnawal Chinmay Kailas	P
B20	Nikam Sakshi Chintamani	P	B56	Lamkane Ganesh Shankar	P
B21	Nishita Patil	P	B57	Lavate Nilesh Narayan	P
B22	Patil Sanika Mukund	P	B58	Mote Sudarshan Laxman	P
B23	Patole Poonam Vilas	P	B59	Nagane Prashant Samadhan	P
B24	Raut Sonali Gokul	P	B60	Parit Rohit Madolappa	P
B25	Rohite Aishwarya Balkrushna	P	B61	Patil Akshay Mayappa	P
B26	Shreya Ramesh Kanade	P	B62	Patwari Tukaram Kamlakar	P
B27	Sudke Gaytri Bibhishan	P	B63	Sahil Pradeep Ambhure	P
B28	Kamble Divya Rajkumar	P	B64	Saqib Amin Najar	P
B29	Mane Pragati Narayan	P	B65	Vanave Mihir Bapu	P
B30	Aiwale Dipak Eknath	P	B66	Vishwamantri Mahesh Shrimant	P
B31	Aware Rushikesh Fulchand	P	B67	Shevantikar Pradnesh Amar	P
B32	Badave Shriprasad Achyut	P	B68	Korachagao Abhishek Siddharam	P
B33	Bandgar Shubham Daryaba	P	B69	Kulkarni Parth Nagesh	P
B34	Bansode Harshad Abhiman	P	B70	Udata Avinash Prabhakar	P
B35	Baraskar Mustkeem Mahamadhanif	A	B71	Jadhav Vinayak Ravindra	P
B36	Bhosale Sudarshan Gopichand	P	B72	Sawant Aishwarya Maruti	P

Co-ordinator

S. P. Pawar
HOD CSE

HOD,
Department of Computer Science & E...
SVERI's C.O.E. Pandharpur

SVERI's
College of Engineering,
Pandharpur

Computer Science and Engineering

Add on Course

On

"Firebase: a comprehensive mobile development platform by Google"

Duration – 24th Aug to 29st Aug 2022

Class : T.Y B.Tech

Certificates

Shri Vithal Education & Research Institute's

College of Engineering, Pandharpur

CERTIFICATE OF PARTICIPATION

Add on Course

" Firebase: a comprehensive mobile development platform by Google"

This is to certify that Linge Sayali Laxman *of* SVERI's College of Engineering, Pandharpur has completed Add on course (30 hrs) on "Firebase: a comprehensive mobile development platform by Google" from 24th Aug 2022 to 29st Aug 2022. Organized by Department of Computer Science and Engineering, Pandharpur, Maharashtra.

(Prof. V. M. Sale)	(Dr.Mrs. S. P. Pawar)	(Dr. B. P. Ronge)
Co-ordinator	*HOD CSE*	*Principal*

Shri Vithal Education & Research Institute's

College of Engineering, Pandharpur

CERTIFICATE OF PARTICIPATION

Add on Course

" Firebase: a comprehensive mobile development platform by Google"

This is to certify that Patil Krishna Surendra *of* SVERI's College of Engineering, Pandharpur has completed Add on course (30 hrs) on "Firebase: a comprehensive mobile development platform by Google" from 24th Aug 2022 to 29st Aug 2022. Organized by Department of Computer Science and Engineering, Pandharpur, Maharashtra.

(Prof. V. M. Sale)	(Dr.Mrs. S. P. Pawar)	(Dr. B. P. Ronge)
Co-ordinator	*HOD CSE*	*Principal*

Shri Vithal Education & Research Institute's

College of Engineering, Pandharpur

CERTIFICATE OF PARTICIPATION

Add on Course

" Firebase: a comprehensive mobile development platform by Google"

This is to certify that Ambule Swati Saudagar *of* **SVERI's College of Engineering, Pandharpur has completed Add on course (30 hrs) on "Firebase: a comprehensive mobile development platform by Google" from** 24th **Aug 2022 to** 29st **Aug 2022. Organized by Department of Computer Science and Engineering, Pandharpur, Maharashtra.**

(Prof. V. M. Sale)	(Dr.Mrs. S. P. Pawar)	(Dr. B. P. Ronge)
Co-ordinator	*HOD CSE*	*Principal*

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , **NAAC**, Accredited Institute,
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

Report

The department of Computer Science and Engineering, SVERI's College of Engineering, Pandharpur had organized a Add on Course on "Firebase: a comprehensive mobile development platform by Google" from 24th Aug, 2022 to 29th Aug, 2022. Students has studied following things through this add on course

a. **Realtime Database:** Firebase offers a NoSQL, cloud-hosted database that enables developers to build real-time, collaborative applications effortlessly. It provides seamless data synchronization across clients, allowing for instant updates.
b. **Authentication:** Firebase simplifies user authentication with various authentication methods, including email and password, social media logins, and single sign-on (SSO) options, ensuring secure user management.
c. **Hosting:** Firebase Hosting offers a fast, secure, and reliable way to deploy web applications, complete with SSL certificates, content delivery networks (CDNs), and continuous integration and deployment (CI/CD) capabilities.
d. **Cloud Functions:** Firebase allows developers to extend app functionality with serverless cloud functions, which can be triggered by various events and integrated with other Firebase services.
e. **Authentication and Authorization:** Firebase offers fine-grained security rules to manage user access, ensuring that only authorized users can access specific data or perform certain actions within the app.
f. **Cloud Storage:** Firebase Storage provides secure, scalable file storage for user-generated content, such as images, videos, and documents, with easy integration into applications.

Co-ordinator

S. P. Pawar
HOD CSE

HOD,
Department of Computer Science & Engg
SVERI's C.O.E. Pandharpur

SVERI's

College of Engineering, Pandharpur

Computer Science and Engineering

Certificate Course

On

"Introduction on cloud computing & Basics Of AWS"

Duration – 31st March to 1st April 2023

Class: T. Y. B. Tech

SEM: II

A.Y.: 2022-23

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
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REPORT

The Department of Computer Science & Engineering conducted online **Certificate course** on ***'Introduction on cloud computing & Basics Of AWS'*** **from 31/03/2023 to 01/04/2023**. The resource person for this certificate course was Mr. Vaibhav Khabani In this certificate course the student got the detail knowledge about cloud computing & basics of AWS and its various applications in the field of academics, research & industry. Domestic and industrial applications of cloud computing & basics of AWS with practical on CSE application have been covered in this certificate course. **All students of T. Y. CSE participated in this certificate course**. All the faculty members from CSE department worked actively for the successful completion of certificate course.

The Course outcomes for this course are:

1) **Student got the knowledge about which are the new opportunity available for business in cloud computing & basics of AWS.**
2) **Student understood the application of cloud computing & basics of AWS.**

Course Coordinator

S. P. Pawar
Head, CSE Dept.

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Date: 26/03/2023

Department of Computer Science and Engineering
Notice

As per the Circular from Punyashlok Ahilyadevi Holkar Solapur University, Solapur in regard of Add-on Courses bearing Ref. No. PAHSU/BOEE/452 dated 22/05/2021; all the students of T. Y. CSE are informed to note that, it is compulsory for students of CSE to complete Add-on course from A.Y.2022-2023. Accordingly, Department of CSE has organized **Certificate Course** on **'Introduction on cloud computing & Basics Of AWS'** from **31st March to 1st April 2023.**

Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination.

All the concerned should take note and act accordingly.

Program Co-ordinator

S.P. Pawar
Head, CSE Dept.

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
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Date: 26/03/2023

OFFICE ORDER

Following committee has been constituted for Design and Development of Curriculum for **Certificate course** 'Introduction on cloud computing & Basics Of AWS' for T. Y CSE of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Prof. A. N. Dyade	Chairman
2.	Prof. S. S. Bhosale	Member

The above members are requested to design the curriculum for the said Add-on Courses and submit final copy of the curriculum to the undersigned on or before 31/03/2023.

Please take a note of the same and act accordingly.

S. P. Pawar

Head, CSE Dept.

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
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Date: 26/03/2023

Department of Computer Science and Engineering

Schedule for Add-on Courses on " Introduction on Cloud Computing & Basics Of AWS "
day wise schedule From: 31/03/2023 to 01/04/2023

Sr. No.	Day & Date	Contents
1	**Day1** 31/03/2023	FUNDAMENTALS OF AWS CLOUD COMPUTING Introduction to Cloud Computing- Cloud Environment Architecture-Cloud Computing Models. INTRODUCTION TO AMAZON WEB SERVICES AWS Console at a glance- AWS Global Infrastructure -AWS Region-Availability -Zone Edge Location. ELASTIC COMPUTE CLOUD Know your EC2 region Discuss about SSH Key pair-Launching our first EC2 instance using Launch Wizard- Launching EC2 instance using Launch Template- Create custom AMI-Know what is Private IP and Public IP EC2 instance types & Pricing Models -EC2 Spot instance Reserved instance and host.
2	**Day2** 01/04/2023	VIRTUAL PRIVATE CLOUD Private network at home-Subnet, CIDR, Netmask at a glance-Relation between a VPC Subnet and an Availabilizy Zone Nat Gateway vs Internet Gateway-Elastic IP vs Static IP Creating a custom VPC. STORAGE Different hard disk types-Understand Block size, IOPS and Throughtput Introduction to Elastic Block Store - EBS Snapshots-EBS Volume Types-Attach multiple EBS volumes to an instance Demonstrate LVM with multi EBS volumes.

S. P. Pawar.

Head, CSE Dept.

SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR

ACADEMIC YEAR: 2022-23

PROGRAM: UNDER GRADUATE IN COMPUTER SCIENCE AND ENGINEERING

CLASS: SECOND YEAR

Sr. No.	Student Name
1	ANUSE SANJEEVANI RAHUL
2	FASE ANUSHKA MILIND
3	BAGAL ROHINI PANDURANG
4	AMBULE YOGESH UTTAM
5	PATIL GAURI ANIL
6	MASAL DIPALI TANAJI
7	GURAV SNEHAL SHIVAJI
8	RATHOD SWARUPA SUDHAKAR
9	UMARANI GAURAKKA AMASIDDHA
10	GURAV SHAVARSIDDHA NAGNATH
11	WALE DEVAKI SANTOSH
12	TINWALE NAGMA SALAMAT
13	MORE SHRUTI DATTATRAY
14	RAJMANE GAURI DATTATRAY
15	MALI PRAJAKTA ASHOK
16	GADADE VISHAL BANDU
17	BAGAL DHANASHREE YASHWANT
18	TARANGE SUPRIYA LAXMAN
19	VASEKAR POOJA LAXMAN
20	GIRAM AKANKSHA ANIL
21	DESHMUKH ADITYA DATTATRAY
22	KHAIRE SAKSHI KIRAN
23	KSHIRSAGAR KOMAL MADHUKAR
24	GANESHKAR ABOLI RAJENDRA
25	KHATAVKAR SUYASH SANJAY
26	KSHITIJA VIKAS AWAD
27	SANKET SOMNATH KOLI
28	TAMBOLI SABIYA ABDULKARIM
29	JADHAV DINESH BHASKAR
30	SAKSHI DHANAJI SHINDE
31	MUSALE RACHNA RAJKUMAR
32	DHAWARE PRADIP BALASAHEB
33	RAJAGE VISHAL HANMANT
34	RAUT VISHAL RAJARAM
35	HAJARE PRAVIN GORAKH
36	CHAVAN ROHIT DATTATRAY

37	RAUT ANJALI SANJAY
38	MATADE AJINKYA SANJAY
39	GAIKWAD PRAJKTA VIJAY
40	KARANDE NIKITA SURESH
41	WAGHMARE AMIT ANANDA
42	WAGHMARE MAHADEV HANUMANT
43	PATOLE VARUNRAJ DHANANJAY
44	RATHOD YASHPALSINH ANIL
45	KANDE ASHISH RAJENDRA
46	GAIKWAD AADESH SHAHURAJ
47	PARDESHI YOGIRAJ DNYANDEV
48	PAWAR ONKAR ANIL
49	OMKAR ASHOK GAVALI
50	PATIL MAYURI SANJAY
51	KACHARE GANESH RAJARAM
52	KOKATE SANDHYA RAJU
53	PATIL PRATHAMESH ANANDRAO
54	PAWAR SANKET RAMESH
55	MISAL NIKITA HANMANT
56	THONGE RUTUJA SHIVRAJ
57	NIKAM TEJASWINI TANAJI
58	GHULE ONKAR KISAN
59	CHAVAN SHRUTIKA SATISH
60	JAGDALE MAHESH BAHIRU
61	GHADAGE JANHAVI JOTIBA
62	CHAVHAN MAYURI SANJAY
63	RAUT SHIVANJALI SHIVAJI
64	SHELAKE ANKITA GANESH
65	BAGALI SEEMA SURESH
66	CHORADE ABHIJIT VISHWNATH
67	DHAPATE AJIT SURYAKANT
68	BUKKA SIDDHALING CHOUDAPPA
69	BOTRE RAJ RAMESH
70	NARKHEDKAR ANURADHA CHANDRAKANT
71	KENGAR PANDURANG GANPAT
72	CHANDANSHIVE PRAJWAL ARUN
73	SUTAR PRATIK SANTOSH
74	ALASHETTI LAXMAN SHIVANAND
75	PAWAR TANVI VIJAY
76	SAMIKSHA VASANTRAO PATIL
77	GHODAKE SHITAL MANIK

78	JAGTAP NAMRATA UMESH
79	SHINDE PRAVIN KUNDALIK
80	KUMBHAR KALYANI VIJAY
81	BABAR VISHAKHA VISHNU
82	MHETRE RAHUL SANGAPPA
83	MAHESH ABHAY JOSHI
84	SHINDE SAMRUDDHI SHASHANK
85	KHUNE AISHWARYA VIJAYKUMAR
86	GHAYAL SHRIKANT HANMANT
87	THORAT VRUSHAL BHARAT
88	GAIKWAD VISHWAJEET SATISH
89	INAMDAR MOHAMMEDSAHBI SALIM
90	KACHARE SAMEER MANIK
91	GAIKWAD RUTUJA AVINASH
92	GHOLAVE NEHA SHIVAJI
93	SHELKE VAISHNAVI KAKASAHEB
94	SHIKETOD SAMRUDDHI RAJARAM
95	PATIL RUSHIKESH SUDHAKAR
96	LOMATE MAHESH SHIVAJI
97	VIVEK DATTATRAY JONG
98	CHAVAN DHIRAJ AJAY
99	DARADE SNEHAL BAJARANG
100	GHATULE SAURABH MUKESH
101	KATKAR SHIVANI RAJENDRA
102	SHINDE ATHARV GHANSHYAM
103	PAWAR SUSHANT NAVNATH
104	DEOKAR OMKAR ASHOK
105	CHAVAN MADHURA BALASAHEB
106	SHINDE RUTURAJ PANDURANG
107	CHAVAN ROHAN RAM
108	VASEKAR ASMITA RAJKUMAR
109	KAPARE AVINASH KALYAN
110	KASHID VAISHNAVI RAMESHWAR
111	THONGEPATIL ATHARV SANTOSH
112	SHINGARE YASH RAJESH
113	NALAWADE SAURABH RAOSAHEB
114	GODASE PRATIK SATISH
115	JADHAV DIGVIJAY SITARAM
116	KORAKE MANASI SANJAY
117	CHAVAN GAURI SANJAY
118	PAWAR SANIKA NAGNATH

119	KOLI ARYAN SANJAY
120	KALUNGE PRATHAMESH MARUTI
121	TATE VAISHNAVI PANDURANG
122	KOLHAL PRACHI PRAKASH
123	SARADE NAGESH ABASO
124	BHUSARE DNYANESHWAR DASHARATH
125	KULKARNI YASH SATISH
126	JADHAV AMOL DATTATRAY
127	SOMDALE MAYURI MARUTI
128	GAJARE SHUBHAM SAMBHAJI
129	NAGTILAK PRATIK ABHIMAN
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131	MORE SAKSHI BALASO
132	DHENGALE ROHAN RAJKUMAR
133	PATIL SANIKA RAJENDRA
134	SHETE ROHAN DNYANESHWAR
135	KULKARNI MADHURA RAGHUNATH
136	MARDA SHRIDHAR SHRINIVAS
137	JADHAV PRAJAKTA DNYANDEV
138	SHETE SRUSHTI DARMENDRA
139	BARSAWADE VINA SANJAY
140	CHIKANI MANIKANTA BHALCHANDRA
141	KORE OM SHASHIKANT
142	KOKARE AHILYA VITTHAL
143	FATTEPURKAR MRUNAL MAHESH
144	NADAF AMAN AKBAR
145	KHATKALE PRANALI MOHAN
146	PATIL SUYESHA SANTOSH
147	DUBAL SAURABH MOHAN
148	CHAKUR SHWETA RAMESH
149	ADELI RAJANNA LAXMINARAYAN
150	BALLA SHRUTI MURLIDHAR
151	GHATKAMBLE UMESH MADHUKAR
152	MADANE ISHWARI RAJSHEKHAR
153	CHOUGULE DINESH ABHIMANYU
154	RANDAVE TANUJA APPA
155	ANPAT KOMAL BALASAHEB
156	KALEKAR VAIBHAVI ANIL
157	NAROTE SANJANA BANSIDHA
158	MISAL SANKET DATTATRAY
159	GODASE TANUJA RAMESHWAR

160	SHETE SANIKA SACHIN
161	HARWALKAR OM JAGANNATH
162	KULKARNI SWARALI SANTOSH
163	SHETE SAMRUDDHI KASHINATH
164	VAGARE SWATI SADASHIV
165	VIJAPURE ADITYA BASAVARAJ
166	MENDGUDLE SAMRUDDHI SANJAY
167	KANAKI PRIYANKA MANOHAR
168	GHODAKE AISHWARYA ANAND

AWS Workshop Date 1/4/23

SVERI

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
COLLEGE OF ENGINEERING, PANDHARPUR
Department of Computer Science & Engineering
Academic Year 2022-23 of TY(CSE)[II]

No.	NAME OF STUDENT	Sign	No.	NAME OF STUDENT	Sign
1	Ambule Swati Saudagar		~~39~~	~~Bulbule Kaivalya Santosh~~	
2	Betale Gayatri Pavankumar		40	Deshmukh Shambhuraje Ranaraje	
3	Bile Anuja Agatrao		41	Dhularao Shreyash Chandrakant	
~~4~~	~~Birajdar Ashwini Gundappa~~		42	Dixit Om Ramesh	
5	Choudhari Sanyogita Baba		43	Gaikwad Sudarshan Shankar	
6	Darade Snehal Santosh		44	Gaikwad Sujay Subhash	
7	Galande Sneha Santosh		45	Gangthade Ritesh Ananda	
8	Gavali Sampada Sanjay		~~46~~	~~Gokhale Aditya Maruti~~	
9	Ghuge Lawale Nikita Dhananjay		47	Gulamkar Saurabh Kalidas	
10	Gove Pragati Shankar		48	Hingmire Atharv Milind	
11	Hilal Pranali Pandurang		49	Huke Tejas Ramrao	
12	Jagtap Neha Sudhakar		50	Jadhav Dinesh Datta	
13	Jagtap Nikita Chandrahas		51	Jadhav Mayur Rajkumar	
14	Jagtap Purva Chintamani		52	Jagtap Rohit Mahadeo	
15	Khude Sonali Ashok		~~53~~	~~Kadganchi Om Balasaheb~~	
16	Kokare Aishwarya Mahadeo		~~54~~	~~Kagane Vitthal Pandit~~	
17	Kumbhar Namrata Vishnu		55	Koli Viraj Vijay	
18	Landge Akanksha Namdev		56	Kurnawal Chinmay Kailas	
19	Lokare Aparna Keraba		57	Lamkane Ganesh Shankar	
20	Lokhande Kiran Anandrao		58	Lavate Nilesh Narayan	
21	Nikam Sakshi Chintamani		~~59~~	~~Mote Sudarshan Laxman~~	
22	Nishita Patil		60	Nagane Prashant Samadhan	
23	Patil Sanika Mukund		61	Parit Rohit Madolappa	
24	Patole Poonam Vilas		62	Patil Akshay Mayappa	
25	Raut Sonali Gokul		63	Patwari Tukaram Kamlakar	
26	Rohite Aishwarya Balkrushna		64	Sahil Pradeep Ambhure	
27	Shreya Ramesh Kanade		~~65~~	~~Saqib Amin Najar~~	
28	Sudke Gaytri Bibhishan		~~66~~	~~Sathe Prithviraj Appasaheb~~	
29	Kamble Divya Rajkumar		~~67~~	~~Vanave Mihir Bapu~~	
30	Mane Pragati Narayan		68	Vishwamantri Mahesh Shrimant	
31	Aiwale Dipak Eknath		69	Shevantikar Pradnesh Amar	
32	Aware Rushikesh Fulchand		70	Korachagao Abhishek Siddharam	
33	~~Badave Shriprasad Achyut~~		71	Kulkarni Parth Nagesh	
34	~~Bandgar Shubham Daryaba~~		72	Udata Avinash Prabhakar	
35	Bansode Harshad Abhiman		73	Jadhav Vinayak Ravindra	
36	~~Baraskar Mustkeem Mahamadhanif~~		74	~~Sawant Aishwarya Maruti~~	
37	Bhosale Sudarshan Gopichand		75	~~Gosavi Pratik Dinesh~~	
38	Birajdar Gaurav Rajendra		76	~~Koli Khandu Chandrakant~~	

N.D.Deval

(Ms.N.D.Deval)
Class Co-ordinator

S.P. Pawar

(Dr.Mrs.S.P.Pawar)
HOD CSE Dept

Total Count - 61

Gopalpur,Pune Division | 2023.04.02 09:31

AWS Workshop 4/1/23

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
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Department of Computer Science & Engineering
Academic Year 2022-23 of TY(CSE)I-A

No.	NAME OF STUDENT	Sign	No.	NAME OF STUDENT	Sign
1	Bahirwade Pooja Rajendra	✓	41	Ghadge Pradip Pandurang	✓
2	Birajdar Shraddha Siddharam	✓	42	Ghodke Aditya Anand	✓
3	Dalave Suchal Sanjay	✓	43	Haralkar Pravin Sambhaji	✓
4	Dhembare Monali Bandu	✓	44	Ingale Krushna Rameshwar	✓
5	Dhotre Khushi Avinash	✓	45	Jadhav Ritesh Samadhan	✓
6	Farad Vaishnavi Bapurao	✓	46	Jagadale Ganesh Balasaheb	✓
7	Jadhav Sanskruti Rupchand	✓	47	Jamdade Om Balasaheb	✓
8	~~Kadam Sanskruti Sanjay~~	~~✓~~	48	Kaldhone Ganesh Jayant	✓
9	Kapase Priti Tukaram	✓	49	Kapse Shriyash Dhananjay	✓
10	Kupade Rutuja Vaibhav	✓	50	Karande Suraj Balu	✓
11	Linge Sayali Laxman	✓	51	Kaulwar Yash Shrinivas	✓
12	Lokhande Dhanashree Amol	✓	52	Khatal Chetan Dipak	✓
13	Mali Shilpa Sajjan	✓	53	Koli Jeevan Bajarang	✓
14	Mandve Vaishnavi Santosh	✓	54	Naiknavare Ganesh Shantilal	✓
15	Mane Rutuja Sanjay	✓	55	Nargide Harsh Rajesh	✓
16	Masalekar Samrudhi Dattatraya	✓	56	Narute Prajwal Pandurang	✓
17	Mujawar Ayesha Karim	✓	57	Patil Krishna Surendra	✓
18	Pasale Akanksha Sadashiv	✓	58	Patil Mahesh Vikram	✓
19	Patel Saifa Fayaj	✓	59	Patil Yashraj Shivling	✓
20	Pawar Akanksha Sanjay	✓	60	Pethe Shubham Somnath	✓
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23	Raut Rohini Bibhjshan	✓	63	Shinde Digvijay Sambhaji	✓
24	Repal Pradnya Anil	✓	64	Shinde Somnath Suresh	✓
25	Salvitthal Sakshi Sanjay	✓	65	Sonawane Sanket Nagesh	✓
26	Sasane Diksha Ranjeet	✓	66	Surshetwar Abhijeet Balkrishna	✓
27	Sathe Prajakta Dilip	✓	67	Suwase Shreyas Shankar	✓
28	Shende Shivani Chandrakant	✓	68	~~Thorat Prasad Nanasaheb~~	~~✓~~
29	Sutar Sonali Krushnat	✓	69	Virdhe Amrut Yogesh	✓
30	Tad Nikita Bapu	✓	70	Virkar Vikas Mansing	✓
31	Thengal Rutuja Bramhadev	✓	71	Waghmare Aditya Ramchandra	✓
32	Tule Sandhya Shivaji	✓	72	Waghmare Pranav Prashant	✓
33	Pawar Nupur Nilesh	✓	73	Waghule Rushikesh Rajesh	✓
34	Rajeshwari Dharmraj Ghodake	✓	74	Parchande Saurabh Sudhir	✓
35	~~Adwani Amruta Pradip~~	~~✓~~	75	Shinde Prasad Rajendra	✓
36	Bamane Pratish Naganath	✓	76	Palkar Aniket Dhananjay	✓
37	Chavan Akshay Vilas	✓	77	Jadhav Nikhil Tanaji	✓
38	Davale Atharv Milind	✓	78	Gadade Malhar Manish	
39	Deshpande Atharv Arvind	✓			
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(Dr.Mrs.S.P.Pawar)
HOD CSE Dept

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OF ACHIEVEMENT

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SVERI

This certificate is proudly presented to,

Mr. *Mayur Rajkumar Jadhav* for successfully attending workshop on

"Introduction of Cloud Computing and Basics of AWS"

held from 31st March to 1st April 2023

05/04/2023

Date

Mr. Prathamesh Bhosale

Certificate

OF ACHIEVEMENT

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This certificate is proudly presented to,

Miss. *Namrata Vishnu Kumbhar* for successfully attending workshop on

"Introduction of Cloud Computing and Basics of AWS"

held from 31st March to 1st April 2023

05/04/2023

Date

Mr. Prathamesh Bhosale

Certificate

OF ACHIEVEMENT

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SVERI

This certificate is proudly presented to,

Miss. *Neha Sudhakar Jagtap* for successfully

attending workshop on

"Introduction of Cloud Computing and Basics of AWS"

held from 31st March to 1st April 2023

05/04/2023

Date

Mr. Prathamesh Bhosale

Certificate

OF ACHIEVEMENT

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This certificate is proudly presented to,

Miss. *Nikita Chandrahas Jagtap* for successfully attending workshop on

"Introduction of Cloud Computing and Basics of AWS"

held from 31st March to 1st April 2023

05/04/2023

Date

Mr. Prathamesh Bhosale

Certificate

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SVERI

This certificate is proudly presented to,

Miss. *Nikita Dhananjay Ghuge Lawale* for successfully attending workshop on

"Introduction of Cloud Computing and Basics of AWS"

held from 31st March to 1st April 2023

05/04/2023

Date

Mr. Prathamesh Bhosale

SVERI's

College of Engineering, Pandharpur

Computer Science and Engineering

Certificate Course

On

"Web Technology - HTML, CSS, JavaScript."

Duration – 10th Oct to 15th Oct 2022

Class: L. Y. B. Tech

SEM: I

A.Y.: 2022-23

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
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Department of Computer Science and Engineering

NOTICE

As per the Circular from Punyashlok Ahilyadevi Holkar Solapur University, Solapur in regard of Certificate Courses bearing Ref. No. PAHSU/BOEE/452 dated 22/05/2021; all the students of L. Y. CSE are informed to note that, it is compulsory for students of CSE to complete Certificate course from A.Y.2022-2023. Accordingly, Department of CSE has organized **Certificate Courses** on **'Web Technology - HTML, CSS, JavaScript'** from **10th Oct to 15th Oct 2022.**

Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination.

All the concerned should take note and act accordingly.

Program Co-ordinator

S. P Pawar
Head, CSE Dept.

HOD,
Department of Computer Science & Engg
SVERI's C.O.E. Pandharpur

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OFFICE ORDER

Following committee has been constituted for Design and Development of Curriculum for **Certificate course on 'Web Technology - HTML, CSS, JavaScript'** for L. Y CSE of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Prof.A.M.Dyade	Chairman
2.	Prof. T.H.Dethe	Member

The above members are requested to design the curriculum for the said Certificate Courses and submit final copy of the curriculum to the undersigned on or before 10/10/2023.

Please take a note of the same and act accordingly.

S. P. Pawar
Head, CSE Dept.

HOD,
Department of Computer Science & Engg
SVERI's C.O.E. Pandharpur

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Date:

Department of Computer Science and Engineering

Schedule for Certificate Courses on "**Web Technology - HTML, CSS, JavaScript** " day wise schedule
From: 10/10/2023 to 15/10/2023

Sr. No.	Day &Date	Time	Contents
1	10/10/2023	10:00 am to 12:00 am	**Day 1: UI Design** • Features of HTML5: • CSS3:Features of CSS3 • Styling front end using CSS3 • JavaScript: Syntax and Semantics of JavaScript • Document Object Model
		Lunch Breack	
		01:00 pm to 04:00 pm	• JSON: Introduction to AJAX • Introduction to JQuery and D3JS • Java Script in Browser
2	11/10/2023	10:00 am to 12:30 am	**Day 2: REACT JS** • Introduction • Fundamentals of React JS • Working with Lists and Conditionals • Styling React Components and Elements
		Lunch Breack	

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Sr. No.	Day &Date	Time	Contents
		01:00 pm to 04:00 pm	• Debugging React apps • Understanding HTTP Requests in React in the context of AJAX
3	12/10/2023	10:00 am to 12:30 am	**Day 3: Electron JS** • Introduction • Fundamentals of Electron JS
		Lunch Breack	
		01:00 pm to 04:00 pm	• Creating cross-platform applications • Deployment of Electron JS application
4	13/10/2023	10:00 am to 12:30 am	**Day 4: RESTful Web Services** • REST and the Rebirth of HTTP • RESTful Architectural Principles • The Object Model
		Lunch Breack	
		01:00 pm to 04:00 pm	• Model the URIs • Defining the Data Format • Assigning HTTP Methods, JAX-RS
5	14/10/2023	10:00 am to 12:30 am	**Day 5: Introduction to Server-side JS Framework–Node.js** • Introduction - What is Node JS, • Architecture, Feature of Node JS • Installation and setup • creating web servers with HTTP (Request &

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Sr. No.	Day &Date	Time	Contents
			Response)
		Lunch Breack	
		01:00 pm to 04:00 pm	• Event Handling • GET & POST implementation - Connect to NoSQL Database using Node JS, • Implementation of CRUD operations.
6	15/10/2023	10:00 am to 12:30 am	**Day 6: PHP and MySQL** • Introduction to PHP5 and PHP6 • variables and constants • program flow, functions, arrays and files and directories
		Lunch Breack	
		01:00 pm to 04:00 pm	• Forms and Databases • integration with MySQL applications on PHP

S.P. Pawar
Head, CSE Dept.

HOD,
Department of Computer Science & Engg
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Department of Computer Science and Engineering

Syllabus of Certificate Course "Web Technology - HTML, CSS, JavaScript" for LY CSE.

Day 1: UI Design

- Features of HTML5:
- CSS3:Features of CSS3
- Styling front end using CSS3
- JavaScript: Syntax and Semantics of JavaScript
- Document object model
- JSON: Introduction to AJAX
- Introduction to JQuery and D3JS
- Java Script in Browser

Day 2: REACT JS

- Introduction
- Fundamentals of React JS
- Working with Lists and Conditionals
- Styling React Components and Elements
- Debugging React apps
- Understanding HTTP Requests in React in the context of AJAX

Day 3: Electron JS

- Introduction
- Fundamentals of Electron JS
- Creating cross-platform applications

- Deployment of Electron JS application

Day 4: RESTful Web Services

- REST and the Rebirth of HTTP
- RESTful Architectural Principles
- The Object Model
- Model the URIs
- Defining the Data Format
- Assigning HTTP Methods, JAX-RS

Day 5: Introduction to Server-side JS Framework–Node.js

- Introduction - What is Node JS,
- Architecture, Feature of Node JS
- Installation and setup
- creating web servers with HTTP (Request & Response)
- Event Handling
- GET & POST implementation - Connect to NoSQL Database using Node JS,
- Implementation of CRUD operations.

Day 6: PHP and MySQL

- Introduction to PHP5 and PHP6
- variables and constants
- program flow, functions, arrays and files and directories
- Forms and Databases
- integration with MySQL applications on PHP

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Department of Computer Science & Engineering

Ref No: COEPR/CSE/2021-21/ Date: 06/10/22

NOTICE

All the Students of LY B.Tech CSE Department are hereby informed that CSE Department has scheduled a Technical Training. The details are as follows.

Mentor Name	Mr. Bahubali M. Kandale
Designation /Company Name /	Director TechnoWings IT Solutions, Mumbai.
Session Date & Time	10th October ,2022 to 15th October, 2022
Session Topic	Web Technology
Venue	CSE Dept.
Target Audience	Students of LY CSE Department

Your intellect participation is expected throughout entire session without fail and absenteeism will charged by fine.

P. Kandale.
Staff Coordinator

S.P Pawar.
Dr. Mrs.S.P.Pawar
(HOD CSE Dept.)

HOD,
Department of Computer Science & Engg
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SVERI
Engineering for Excellence

Department of Computer Science & Engineering

Ref No: COEPR/CSE/2021-21/ Date: 05/10/22

Invitation Letter

To,
Mr. Bahubali M. Kandale
Director TechnoWings IT Solutions,
Mumbai.

Subject: Invitation for conducting Technical Training on Web Technology.

Respected Sir,

Wishing you greetings for the day!!!
We, on behalf of CSE Department take privilege to invite you as resource person for mentoring our Students, on topic **"Web Technology** "scheduled from 10th October ,2022 to 15th October, 2022.

We are hopefully waiting for your presence & valuable time with us.
Thanking You.

Regards,

S.P.Pawar

Dr. Mrs.S.P. Pawar
HOD CSE Dept. SVERI's COE, Pandharpur
Dist.: Solapur, 413304, MH.
sppawar@coe.sveri.ac.in

HOD,
Department of Computer Science & Engg
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Department of Computer Science & Engineering

Ref No: COEPR/CSE/2021-21/ Date: 15/10/22

Thanks letter

To,
Mr. Bahubali M. Kandale
Director TechnoWings IT Solutions,
Mumbai.

Respected Sir,

This is expressing our heartfelt gratitude towards you for accepting our invitation and gave us an incredible Technical Training on **"Web technology"**. It was really very valuable and useful session for our Students
We expect same kind of cooperation in future also.

Thanking You.

Regards,

S.P.Pawar

Dr. Mrs. S.P. Pawar
HOD CSE Dept. SVERI's COE, Pandharpur
Dist.: Solapur. 413304. MS.
sppawar@coe.sveri.ac.in

HOD,
Department of Computer Science & Engg
SVERI's C.O.E. Pandharpur

CSE Dept. Final Year Div-B 2022-23

WT Technical Training Attendance

Roll No	Candidate Name	10-Oct		11-Oct		12-Oct		13-Oct		14-Oct		15-Oct	
		Shift I	Shift II	Shift I	Shift II	Shift I	Shift II	Shift I	Shift II	Shift I	Shift II	Shift I	Shift II
1	Adat Shruti Pandurang	P	P	P	P	P	P	P	P	P	P	P	P
2	Bhandare Poonam Dattatray	P	P	P	P	P	P	P	P	P	P	P	P
3	Chavan Anushka Satosh	P	P	AB	P	P	P	P	P	P	P	P	P
4	Gaikwad Shivani Nagnath	P	AB	P	P	P	P	P	P	P	P	P	P
5	Ghadage Neha Navanath	P	P	P	P	P	P	AB	P	AB	AB	P	P
6	Ghadage Amruta Dattatray	P	P	P	P	AB	P	P	P	P	P	P	P
7	Ghotage Tanvi Pravin	P	P	P	P	P	P	P	P	P	P	P	P
8	Jadhav Pallavi Aba	P	P	P	P	P	P	P	P	P	P	P	P
9	Jadhav Shweta Sanjay	P	P	P	P	P	P	P	P	P	P	P	P
10	Kavathekar Shraddha Sandip	P	P	P	P	P	AB	P	P	P	P	AB	AB
11	Kolle Swarupa Dattakumar	AB	A	P	P	P	P	P	P	P	P	P	P
12	Kshirsagar Divya Somnath	P	P	P	P	P	P	P	P	P	P	P	P
13	Kumbhar Akshata Ravindra	P	P	P	P	P	P	P	AB	P	P	P	P
14	Mali Aarti Ashok	P	P	P	A	P	P	P	P	P	P	P	P
15	Maskar Sneha Navnath	P	P	P	P	P	P	P	P	P	P	P	P
16	Munde Srushti Suryakant	P	P	P	P	P	P	P	P	P	P	P	P
17	Naik Snehal Ravindra	P	P	P	P	AB	P	P	P	AB	AB	P	P
18	Nanna Vaishnavi Gurupadappa	P	P	AB	P	P	P	P	P	P	P	P	P
19	Nashte Charulata Prashant	P	P	P	P	P	P	P	P	P	P	P	P
20	Patil Vaibhavi Vivekanand	P	P	P	P	P	AB	P	P	P	P	P	P
21	Patil Pooja Laxman	P	P	P	P	P	P	P	P	P	P	P	P
22	Pawar Yogeshree Pandit	AB	P	P	P	P	P	AB	P	P	P	P	P
23	Pethe Pratiksha Vitthal	P	P	P	P	P	P	P	P	P	P	P	P
24	Raut Vaishnavi Shashikant	P	P	P	P	P	P	P	P	P	P	P	P
25	Pratibha chavan	P	P	P	P	P	P	P	P	P	P	P	P

S. P. Pawar
HOD,
Department of Computer Science & Engg
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Roll No	Candidate Name	10-Oct		11-Oct		12-Oct		13-Oct		14-Oct		15-Oct	
		Shift I	Shift II	Shift I	Shift II	Shift I	Shift II	Shift I	Shift II	Shift I	Shift II	Shift I	Shift II
26	Shivsharan Sakshi Vikas	P	P	P	P	P	P	P	P	P	P	P	P
27	Thakare Sanika Baliram	P	P	P	P	P	P	P	P	P	P	P	P
28	Upase Saloni Sujit	P	P	P	P	P	P	P	P	P	P	P	P
29	Shital Chandrakant Kedar	P	P	P	P	P	P	P	P	P	P	P	P
30	Vasmale Aparna Baliram	P	A	P	P	P	P	P	P	P	P	P	P
31	Jadhav Rupali Bramhadeo	P	P	P	P	P	P	P	P	P	P	P	P
32	Kamble Anisha Anil	P	P	P	P	P	P	P	AB	AB	P	P	P
33	Koshti Neha Manoj	P	P	AB	AB	AB	P	P	P	P	P	P	P
34	Parkipalli Shraddha Avinash	P	P	P	P	P	P	P	P	P	AB	AB	AB
35	Aigale Kiran Ravsaheb	P	P	P	P	P	P	P	P	P	P	P	P
36	Tatipamul Ankita Balaji	P	P	P	P	P	P	P	P	P	P	P	P
37	Babar Onkar Bhimrao	P	P	P	P	P	P	P	P	P	P	P	P
38	Bansode Aniket Ganpat	P	P	P	P	P	P	P	P	P	P	P	P
39	Bhosale Sushant Dattatray	AB	P	P	P	P	P	P	P	P	P	P	P
40	Bhushan Deshmukh	P	P	P	P	P	P	P	P	P	P	P	P
41	Deshpande Yogiraj Raghunath	P	P	P	P	P	AB	P	P	P	P	P	P
42	Dongare Nivrutee Dnyaneshwar	P	P	P	P	P	P	P	P	P	P	P	P
43	Dongare Pranav Santoshkumar	P	P	P	P	AB	P	AB	P	P	P	P	P
44	Ghante Abhay Shivanand	P	P	P	P	P	P	P	P	P	P	P	P
45	Ghogare Sanket Vasant	P	P	P	P	P	P	P	P	P	P	P	P
46	Gonjari Pranoj Prabhakar	P	AB	P	P	P	P	P	P	P	P	P	P
47	Jadhav Abhishek Ashok	P	P	P	P	P	P	P	P	P	P	P	P
48	Jadhav Prasad Balaso	P	P	P	P	P	P	P	P	P	P	P	P
49	Jadhav Prathamesh Tukaram	P	P	P	P	P	P	P	P	P	AB	P	P
50	Jagdale Pavanraj Balasaheb	P	P	P	P	P	P	P	P	P	P	P	P
51	Kale Karan Popat	P	P	P	P	P	P	P	P	P	P	P	P
52	Prashant Biraii Landage	P	P	AB	AB	P	P	P	AB	AB	P	P	P
53	Lingade Vishal Anil	P	P	P	P	P	P	P	P	P	P	P	P
54	Mali Pratik Gorakh	P	P	P	P	P	P	P	P	P	P	P	P

S. P. Pawar
HOD,
Department of Computer Science & Engg
SVERI's C.O.E. Pandharpur

Roll No	Candidate Name	10-Oct		11-Oct		12-Oct		-Oct		14-Oct		15-Oct	
		Shift I	Shift II	Shift I	Shift II	Shift I	Shift II	Shift I	Shift II	Shift I	Shift II	Shift I	Shift II
55	Mali Yashwant Siddheshwar	P	P	P	P	P	P	P	P	P	P	P	P
56	Mittha Aniket Rajmahenda	P	P	P	P	P	P	P	P	P	P	P	P
57	More Rohit Madhukar	P	P	P	P	P	P	P	P	P	P	P	P
58	Mujawar Arbaj Jalaluddin	AB	P	P	P	P	P	P	P	P	P	P	P
59	Nikam Vijaysinh Lingdev	P	P	P	P	P	AB	P	P	P	P	P	P
60	Patil Shreyash Ramchandra	P	P	P	P	P	P	P	P	P	P	P	P
61	Patil Ankit Vishwas	P	P	P	P	AB	P	AB	P	P	P	P	P
62	Pawar Vibhuti Ananda	P	P	P	P	P	P	P	P	P	P	P	P
63	Yaqoob Ramzan	P	P	P	P	P	P	P	P	P	P	P	P
64	Sadawarte Anant Vitthal	P	AB	P	P	P	P	P	P	P	P	P	P
65	Sakhare Shubham Kiran	P	P	P	P	P	P	P	P	P	P	P	P
66	Salave Anand Dattatraya	P	P	P	P	P	P	P	P	P	P	P	P
67	Sathe Omkar Ghansham	P	P	AB	P	P	P	P	P	P	P	P	P
68	Sulakhe Sushant Mukesh	P	P	P	P	P	P	P	P	P	P	P	P
69	Suru Parth Vikas	P	P	P	P	P	P	P	P	P	P	P	P
70	Thalpati Prasanna Santosh	P	P	P	P	P	P	P	P	P	AB	P	P
71	Wattamwar Omraje Rahul	P	P	P	P	P	P	P	AB	P	P	AB	AB
72	Yeole Ganesh Bandu	P	P	P	AB	P	P	P	P	P	P	P	P
73	Nagane Ananda	P	P	P	P	P	P	P	P	P	P	P	P
74	Harshad Bad	P	P	P	P	P	P	P	P	P	P	P	P
75	Shaikh Harun	P	P	P	P	P	P	P	P	P	P	P	P
76	Shailesh Bhosale	AB	P	P	P	P	P	P	P	AB	P	P	P
77	Shreyas Patil	P	P	P	P	P	P	P	P	P	P	P	P
78	Chinmay Shripad Halsikar	P	P	P	P	P	P	AB	P	P	P	P	P
79	Keskar Aditya Bhagwat	P	P	P	P	P	P	P	P	P	P	P	P
80	Nagtilak Suraj Suryakant	P	P	P	P	P	P	P	P	P	P	P	P

S. P. Pawar
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Department of Computer Science & Engg
SVERI's C.O.E. Pandharpur

CSE Dept. Final Year Div-A 2022-23

WT Technical Training Attendance

Roll No	Candidate Name	10-Oct		11-Oct		12-Oct		13-Oct		14-Oct		15-Oct	
		Shift I	Shift II	Shift I	Shift II	Shift I	Shift II	Shift I	Shift II	Shift I	Shift II	Shift I	Shift II
1	Abhangrao Vaishnavi Milind	P	P	P	P	P	P	P	P	P	P	P	P
2	Dongare Amruta Kamraj	P	AB	P	P	P	P	P	P	P	P	P	P
3	Atkale Prapti Pandurang	P	P	P	P	P	AB	P	P	P	P	AB	AB
4	Bansode Vaishnavi Pitamber	P	P	P	P	P	P	P	P	AB	P	P	P
5	Bhosale Sakshi Ganesh	P	P	P	AB	P	P	P	P	P	P	P	P
6	Bhujang Vedangi Mangesh	P	P	AB	P	P	P	AB	AB	P	P	P	P
7	Devale Lajina Sadik	P	P	P	P	P	P	P	P	P	P	P	P
8	Dhage Shraddha Shashikant	P	P	P	P	P	P	P	P	P	AB	P	P
9	Dhaygude Unnati Anil	P	P	P	P	AB	P	P	P	P	P	P	P
10	Dhole Rutuja Bharat	P	P	P	P	P	P	P	P	P	P	P	P
11	Dongare Madhuri Vilas	AB	P	P	P	P	P	P	P	P	P	P	P
12	Ekad Jyoti Chandrashekhar	P	P	P	P	P	P	P	P	P	P	P	P
13	Gaikwad Swapnali Gorakh	P	P	P	P	P	P	P	P	P	P	AB	P
14	Gavali Suchitra Ramchandra	P	P	P	P	P	P	P	P	P	P	P	P
15	Jathar Vaishnavi Vikram	P	P	P	P	P	P	P	P	AB	P	P	P
16	Kadam Apurva Ajit	P	P	P	P	P	P	P	P	P	AB	P	P
17	Kallur Khushi Naresh	P	P	P	P	P	P	P	P	P	P	P	P
18	Kashid Swagati Satish	P	P	P	P	P	A	P	P	P	P	P	P
19	Katkamwar Trupti Sunil	P	P	P	P	P	P	P	P	P	P	P	P
20	Katkar Rutuja Nandkumar	P	AB	P	P	P	P	P	P	P	P	P	P
21	Kulkarni Aishwarya Waman	P	P	P	P	P	P	P	P	P	P	P	P
22	Limbole Prerana Raju	P	P	P	P	P	P	P	P	P	P	P	P
23	Londhe Akanksha Ganesh	P	P	P	P	AB	P	AB	P	P	P	P	P
24	Modak Kalyani Prasad	P	P	AB	AB	P	P	P	P	P	P	P	P
25	Mohikar Aishwarya Mahesh	P	P	P	P	P	AB	P	P	P	P	AB	AB
26	More Sandhya Mahadeo	P	P	P	P	P	P	P	P	P	P	P	P
27	More Vaishnavi Motilal	P	P	P	P	P	P	P	AB	P	P	P	P

S. P. Pawar.
HOD,
Department of Computer Science & Engg
SVERI's C.O.E. Pandharpur

Roll No	Candidate Name	10-Oct		11-Oct		12-Oct		13-Oct		14-Oct		15-Oct	
		Shift I	Shift II	Shift I	Shift II	Shift I	Shift II	Shift I	Shift II	Shift I	Shift II	Shift I	Shift II
28	More Priti Uttam	P	P	P	P	P	P	P	P	P	P	P	P
29	More Mayeshwari Shrikrishna	A	P	P	P	P	P	P	P	P	P	P	P
30	Mungase Dipali Hanumant	P	P	P	P	P	P	P	P	AB	AB	P	P
31	Pardeshi Sonal Dilip	P	P	P	P	P	P	P	P	P	P	P	AB
32	Patil Pratiksha Uddhav	P	P	P	P	P	P	P	P	P	P	P	P
33	Rudrakanthwar Sakshi Santosh	P	P	P	P	P	P	P	P	P	P	P	P
34	Ritika Saini	P	P	P	P	P	P	P	P	P	P	P	P
35	Vishakha Vijaykumar Savalkar	P	AB	P	P	P	P	P	P	P	P	P	P
36	Savant Shweta Anant	P	P	P	P	P	AB	P	P	P	P	P	P
37	Shaikh Shaina Ismail	P	P	P	P	P	P	P	P	P	P	P	P
38	Shinde Prerana Bharat	P	P	P	P	P	P	P	P	P	P	P	P
39	Survase Tejal Dipak	P	P	AB	A	P	P	P	AB	P	P	P	P
40	Swami Mayuri Somnath	P	P	P	P	P	P	P	P	P	P	P	P
41	Velapure Siddhi Suresh	AB	P	P	P	P	P	P	P	P	P	P	P
42	Kore Ratan Giramalla	P	P	P	P	P	P	P	P	P	P	P	P
43	Meenakshi Vitthal Awasare	P	P	P	P	P	P	P	P	P	P	P	P
44	Gaygopal Reshma Bhagwan	P	P	P	P	AB	P	P	P	P	P	AB	P
45	Koshti Pranoti Sukhdev	P	P	P	P	P	P	AB	P	AB	P	P	P
46	Palkar Sayali Dhananjay	P	P	P	P	P	P	P	P	P	P	P	P
47	Gaikwad Rutuja Yuvaraj	P	P	P	A	P	P	P	P	P	AB	P	P
48	Dongare Yogita Bhaskar	P	P	P	P	P	P	P	P	P	P	P	AB
49	Pradnya Tanaji Ingale	P	P	P	P	P	P	P	P	P	P	P	P
50	Khandagale Chaitanya Nandkumar	P	P	P	P	P	P	P	P	P	P	P	P
51	Swapnil Kantilal Ubale	P	P	P	P	P	P	P	P	P	P	P	P
52	Andhare Akshay Mahavir	P	P	P	P	P	P	P	P	P	P	P	P
53	Bhange Saideep Arvind	AB	AB	P	P	P	P	P	P	P	P	P	P
54	Birajdar Onkar Amasiddha	P	P	P	P	P	AB	P	P	P	P	P	P
55	Devkate Rahul Kisan	P	P	P	P	P	P	P	P	P	P	P	P
56	Diwan Suyash Samir	P	P	P	P	P	P	P	P	P	P	P	P

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		Shift I	Shift II	Shift I	Shift II	Shift I	Shift II	Shift I	Shift II	Shift I	Shift II	Shift I	Shift II
57	Gapat Rahul Kisan	P	P	P	P	P	P	AB	P	P	P	P	P
58	Ghadage Mayur Vijaykumar	P	P	P	P	P	P	P	P	P	P	P	P
59	Hingmire Rahul Laxmikant	P	P	P	P	P	P	P	P	AB	P	P	P
60	Kakade Pavan Pandurang	P	P	AB	P	P	P	P	AB	P	P	P	P
61	Kale Omkar Ajitkumar	P	P	P	P	P	P	P	P	P	P	P	P
62	Kamble Lahu Ramchandra	P	P	P	A	P	P	P	P	P	P	P	P
63	Kavitake Rohit Dattatray	P	P	P	P	AB	P	P	P	P	AB	P	P
64	Kondubhairy Sanket Sambhaji	P	P	P	P	P	P	P	P	P	P	P	P
65	Kulkarni Sahil Santosh	P	P	P	P	P	P	P	P	P	P	AB	AB
66	Lohar Dnyaneshwar Sanjivan	P	P	P	P	P	P	P	P	P	P	P	P
67	Lohar Hrishikesh Prasad	P	P	P	P	P	P	P	P	P	P	P	P
68	Madane Umesh Vijay	AB	AB	P	P	P	P	P	P	P	P	P	P
69	More Swapnil Bharat	P	P	P	P	P	P	P	P	P	P	P	P
70	Nagelli Girimalleshwar Balaji	P	P	P	P	P	P	P	P	P	P	P	P
71	Patil Viraj Vikas	P	P	P	P	P	P	P	AB	P	P	P	P
72	Sathe Umesh Vikas	P	P	P	P	P	P	P	P	P	P	P	P
73	Shejal Gorakshanath Balkrushna	P	P	P	P	P	P	AB	P	P	P	P	P
74	Shende Shubham Gulabrao	P	P	P	P	P	AB	P	P	P	AB	P	P
75	Shende Shubham Gorakh	P	P	P	P	P	P	P	P	P	P	P	P
76	Sirsale Vitthal Ashok	P	P	P	P	P	P	P	P	AB	P	P	P
77	Pardeshi Siddhesh Shivsingh	P	P	AB	AB	AB	P	P	P	P	P	AB	AB
78	Raviraj Dhondappa Kudal	P	P	P	P	P	P	P	P	P	P	P	P
79	Ghogardare Rushikesh Mahendra	P	P	P	P	P	P	P	P	P	P	P	P
80	Ingawale Vikas Suresh	P	P	P	P	P	P	P	P	P	P	P	P

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SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
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Date:

FEEDBACK FORM

Session Topic : web technology Date : 10/10/23

Mentor Name: Mr. Bahubali M Kandale Location : CSE dept

General Course Contents	Strongly Agree	Agree	Normal	Disagree	Strongly Disagree
The information provided in the session was comprehensive	○	✓	○	○	○
Subject matter / Technical Knowledge can be successfully implemented in your work area.	✓	○	○	○	○
Presentation Method throughout the programme was efficient.	✓	○	○	○	○
Competence of Resource Persons	✓	○	○	○	○

Remark/ Comments:
Good

Name: Purva Jagtap Class: TY

Mob. No.: 8 Signature: Jagtap

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Date:

FEEDBACK FORM

Session Topic : web technology Date : 10 oct 2023

Mentor Name: Mr Bahubali M. Kandali Location : CSE dept.

General Course Contents	Strongly Agree	Agree	Normal	Disagree	Strongly Disagree
The information provided in the session was comprehensive	○	✓	○	○	○
Subject matter / Technical Knowledge can be successfully implemented in your work area.	○	✓	○	○	○
Presentation Method throughout the programme was efficient.	○	✓	○	○	○
Competence of Resource Persons	○	✓	○	○	○

Remark/ Comments: Good

Name: Salokhi Sakvitthal Class: TY.CSE

Mob. No.: Signature: Salokhi.

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Date:

FEEDBACK FORM

Session Topic : web technology Date : 10 octo 2023

Mentor Name: Mr. Bahubali m. kandali Location : CSE dept.

General Course Contents	Strongly Agree	Agree	Normal	Disagree	Strongly Disagree
The information provided in the session was comprehensive	○	✓	○	○	○
Subject matter / Technical Knowledge can be successfully implemented in your work area.	○	✓	○	○	○
Presentation Method throughout the programme was efficient.	○	✓	○	○	○
Competence of Resource Persons	○	✓	○	○	○

Remark/ Comments:
can be better

Name: Rohini B. Raut Class: TY B.Tech

Mob. No.: Signature: Raut

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Date:

FEEDBACK FORM

Session Topic : Web Technology Date : 10th Oct , 15th Oct 2022

Mentor Name: Mr. Bahubali . Mi Kandale Location : CSE Dept

General Course Contents	Strongly Agree	Agree	Normal	Disagree	Strongly Disagree
The information provided in the session was comprehensive	○	✓ ○	○	○	○
Subject matter / Technical Knowledge can be successfully implemented in your work area.	○	✓ ○	○	○	○
Presentation Method throughout the programme was efficient.	○	✓ ○	○	○	○
Competence of Resource Persons	○	✓ ○	○	○	○

Remark/ Comments:
Knowledgable

Name: Aishwary Sawant Class: TYBTech

Mob. No.: Signature: Sawant

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Date:

FEEDBACK FORM

Session Topic : Web Technology Date : 10 Oct, 15 Oct

Mentor Name: Mr. Bahubali. M. Kandale Location : CSE Dept

General Course Contents	Strongly Agree	Agree	Normal	Disagree	Strongly Disagree
The information provided in the session was comprehensive	○	✓	○	○	○
Subject matter / Technical Knowledge can be successfully implemented in your work area.	○	✓	○	○	○
Presentation Method throughout the programme was efficient.	○	✓	○	○	○
Competence of Resource Persons	○	✓	○	○	○

Remark/ Comments:
Good

Name: Sonali. A. Khude Class: TY BTech

Mob. No.: Signature: Khude

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Date:

FEEDBACK FORM

Session Topic : Web Technology Date : 10 Oct 2022, 15 Oct

Mentor Name: Mr. Bahubali M. Kandali Location : CSE Dept

General Course Contents	Strongly Agree	Agree	Normal	Disagree	Strongly Disagree
The information provided in the session was comprehensive	○	✓	○	○	○
Subject matter / Technical Knowledge can be successfully implemented in your work area.	○	✓	○	○	○
Presentation Method throughout the programme was efficient.	○	✓	○	○	○
Competence of Resource Persons	○	✓	○	○	○

Remark/ Comments:
Good

Name: Snehal Dasade Class: TY BTech

Mob. No.: Signature: Snehal

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SVERI
Engineering for Excellence

Date:

FEEDBACK FORM

Session Topic : web technology Date : 10th oct, 15 oct

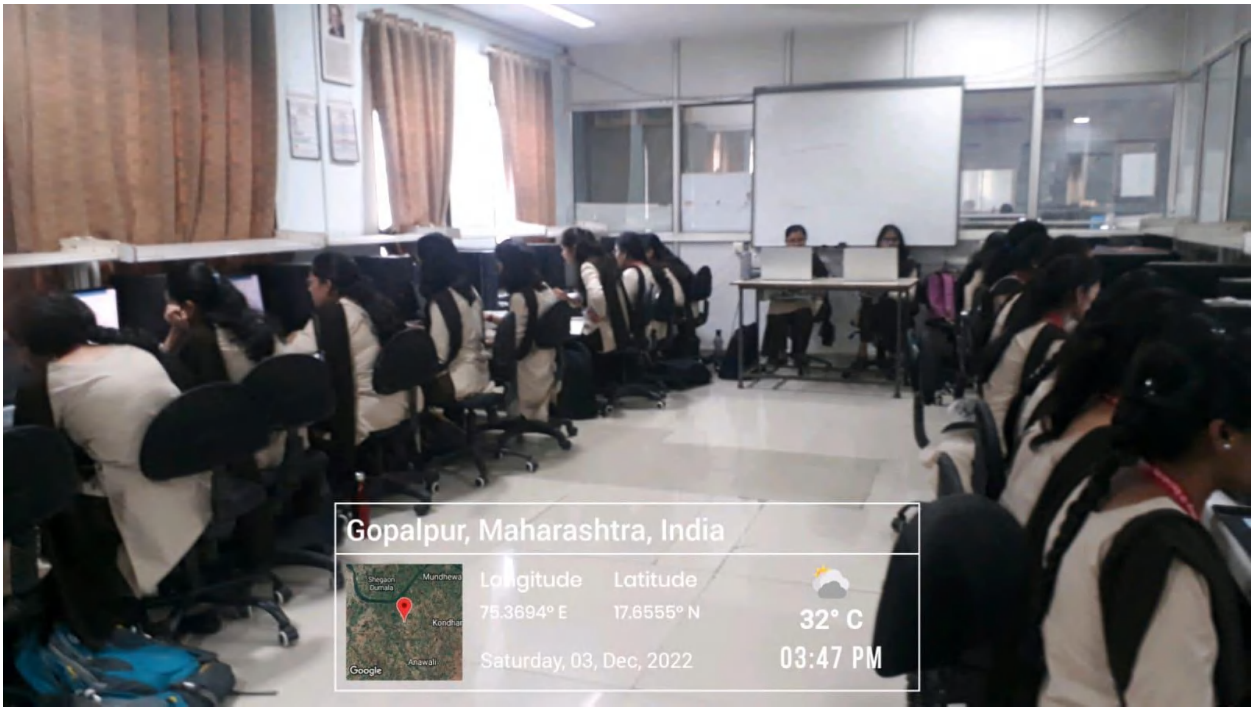
Mentor Name: Mr - Bahubali.M. Kandale Location : CSE Dept

General Course Contents	Strongly Agree	Agree	Normal	Disagree	Strongly Disagree
The information provided in the session was comprehensive	○	✓	○	○	○
Subject matter / Technical Knowledge can be successfully implemented in your work area.	○	✓	○	○	○
Presentation Method throughout the programme was efficient.	○	✓	○	○	○
Competence of Resource Persons	○	✓	○	○	○

Remark/ Comments:
can be better.

Name: Nishita V. Patil Class: TY BTech

Mob. No.: Signature:


Gopalpur, Maharashtra, India
Longitude
75.3694° E
Latitude
17.6555° N
Saturday, 03, Dec, 2022
32° C
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Gopalpur, Maharashtra, India
Longitude
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Gopalpur, Maharashtra, India
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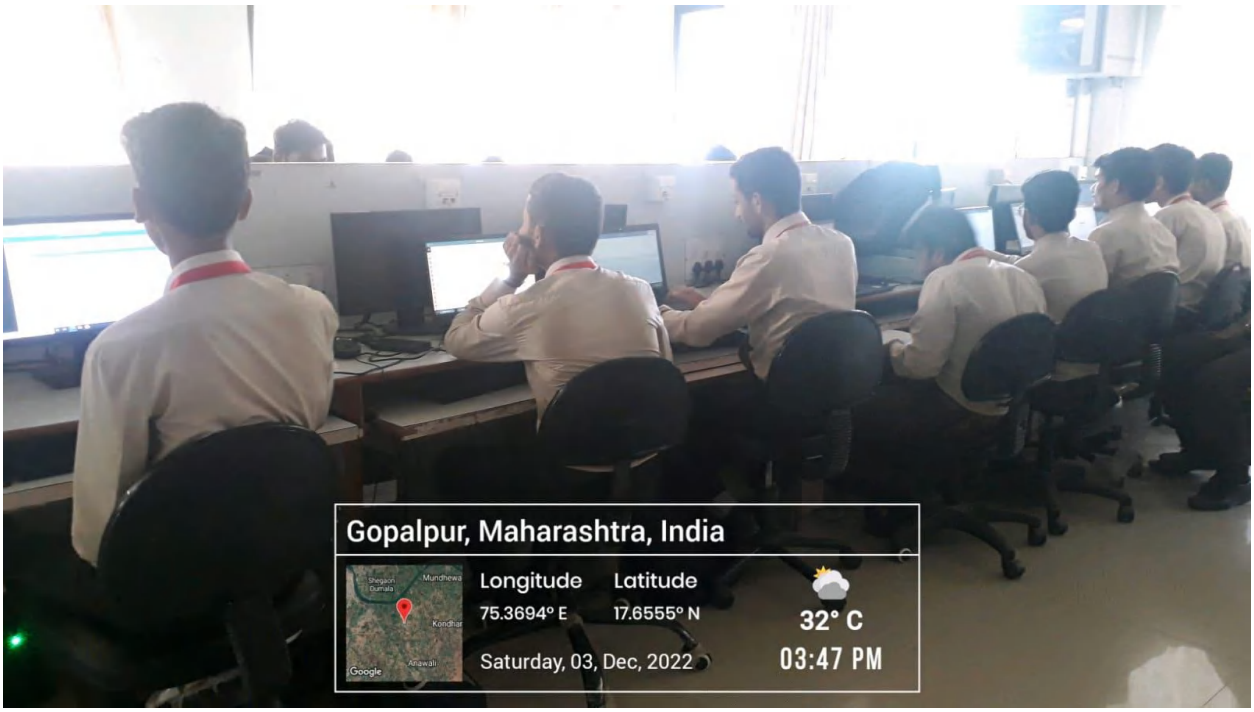
Gopalpur, Maharashtra, India
Longitude
75.3694° E
Latitude
17.6555° N
Saturday, 03, Dec, 2022
32° C
03:47 PM

TechnoWings
International IT Solution

CERTIFICATE

OF EXCELLENCE

CERTIFICATE OF TECHNICAL TRAINING

This is to certify that

ABHANGRAO VAISHNAVI MILIND

The Student of SVERI's College of Engineering Pandharpur, Computer Science & Engineering Department has successfully completed Offline Mode Technical Training in Real Time concepts of Web Technology - HTML, CSS, Javascript from 10 October 2022 to 18 October 2022.

Shraddha Kothari
H R Manager

TechnoWings International IT Solution Solapur

Bahubali.M.Kandale
Director

TechnoWings
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CERTIFICATE OF TECHNICAL TRAINING

This is to certify that

ANDHARE AKSHAY MAHAVIR

The Student of SVERI's College of Engineering Pandharpur, Computer Science & Engineering Department has successfully completed Offline Mode Technical Training in Real Time concepts of Web Technology - HTML, CSS, Javascript from 10 October 2022 to 18 October 2022.

Shraddha Kothari
H R Manager

TechnoWings International IT Solution Solapur

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Director

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This is to certify that

ATKALE PRAPTI PANDURANG

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Shraddha Kothari
H R Manager

TechnoWings International IT Solution Solapur

Bahubali.M.Kandale
Director

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CERTIFICATE OF TECHNICAL TRAINING This is to certify that

BANSODE VAISHNAVI PITAMBER

The Student of SVERI's College of Engineering Pandharpur, Computer Science & Engineering Department has successfully completed Offline Mode Technical Training in Real Time concepts of Web Technology - HTML, CSS, Javascript from 10 October 2022 to 18 October 2022.

Shraddha Kothari
H R Manager

TechnoWings International IT Solution Solapur

Bahubali.M.Kandale
Director

TechnoWings
International IT Solution

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CERTIFICATE OF TECHNICAL TRAINING

This is to certify that

BHANGE SAIDEEP ARVIND

The Student of SVERI's College of Engineering Pandharpur, Computer Science & Engineering Department has successfully completed Offline Mode Technical Training in Real Time concepts of Web Technology - HTML, CSS, Javascript from 10 October 2022 to 18 October 2022.

Shraddha Kothari
H R Manager

TechnoWings International IT Solution Solapur

Bahubali.M.Kandale
Director

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This is to certify that

BHOSALE SAKSHI GANESH

The Student of SVERI's College of Engineering Pandharpur, Computer Science & Engineering Department has successfully completed Offline Mode Technical Training in Real Time concepts of Web Technology - HTML, CSS, Javascript from 10 October 2022 to 18 October 2022.

Shraddha Kothari
H R Manager

TechnoWings International IT Solution Solapur

Bahubali.M.Kandale
Director

TechnoWings
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CERTIFICATE OF TECHNICAL TRAINING

This is to certify that

BHUJANG VEDANGI MANGESH

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Shraddha Kothari
H R Manager

TechnoWings International IT Solution Solapur

Bahubali.M.Kandale
Director

TechnoWings
International IT Solution

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CERTIFICATE OF TECHNICAL TRAINING

This is to certify that

BIRAJDAR ONKAR AMASIDDHA

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Shraddha Kothari
H R Manager

TechnoWings International IT Solution Solapur

Bahubali.M.Kandale
Director

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This is to certify that

DEVALE LAJINA SADIK

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Shraddha Kothari

H R Manager

Bahubali.M.Kandale

Director

TechnoWings
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DEVKATE RAHUL KISAN

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Shraddha Kothari
H R Manager

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Director

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DHAGE SHRADDHA SHASHIKANT

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DONGARE AMRUTA KAMRAJ

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DONGARE MADHURI VILAS

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KATKAMWAR TRUPTI SUNIL

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KHANDAGALE CHAITANYA NANDKUMAR

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Koshti Pranoti Sukhadev

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LOHAR DNYANESHWAR SANJIVAN

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PATIL VIRAJ VIKAS

The Student of SVERI's College of Engineering Pandharpur, Computer Science & Engineering Department has successfully completed Offline Mode Technical Training in Real Time concepts of Web Technology - HTML, CSS, Javascript from 10 October 2022 to 18 October 2022.

Shraddha Kothari
H R Manager

TechnoWings International IT Solution Solapur

Bahubali.M.Kandale
Director

TechnoWings
International IT Solution

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OF EXCELLENCE

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This is to certify that

Pradnya Tanaji Ingale

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This is to certify that

Raviraj Dhondappa Kudal

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RITIKA SAINI

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RUDRAKANTHWAR SAKSHI SANTOSH

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SAVANT SHWETA ANANT

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SHAIKH SHAINA ISMAIL

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SHEJAL GORAKSHANATH BALKRUSHNA

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SHINDE PRERANA BHARAT

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SIRSALE VITTHAL ASHOK

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SURVASE TEJAL DIPAK

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SWAMI MAYURI SOMNATH

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Director

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This is to certify that

Swapnil Kantilal Ubale

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H R Manager

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Bahubali.M.Kandale
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VELAPURE SIDDHI SURESH

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Shraddha Kothari
H R Manager

TechnoWings International IT Solution Solapur

Bahubali.M.Kandale
Director

SVERI's

College of Engineering, Pandharpur

Computer Science and Engineering

Certificate Course on "Application of Artificial Intelligence for Product Development & Research"

Duration – 08th May to 18th May 2023

Class: T. Y. B. Tech

SEM: II

A.Y.: 2022-23

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Department of Computer Science and Engineering

NOTICE

As per the Circular from Punyashlok Ahilyadevi Holkar Solapur University, Solapur in regard of Certificate Courses bearing Ref. No. PAHSU/BOEE/452 dated 22/05/2021; all the students of T. Y. CSE are informed to note that, it is compulsory for students of CSE to complete Certificate course from A.Y.2022-2023. Accordingly, Department of CSE has organized **Workshop on "Application of Artificial Intelligence for Product Development & Research"** from **08th May to 18th May 2023.**

Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination.

All the concerned should take note and act accordingly.

Program Co-ordinator

S. P. Pawar
Head, CSE Dept.

HOD,
Department of Computer Science & Engg
SVERI's C.O.E. Pandharpur

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OFFICE ORDER

Following committee has been constituted for Design and Development of Curriculum for **Certificate Course on "Application of Artificial Intelligence for Product Development & Research"** for T. Y CSE of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Prof. A. M. Dyade.	Chairman
2.	Prof. Mrs. S. S. Bhosale.	Member

The above members are requested to design the curriculum for the said Certificate Courses and submit final copy of the curriculum to the undersigned on or before 8/05/2023.

Please take a note of the same and act accordingly.

S. P. Pawar

Head, CSE Dept.

HOD,
Department of Computer Science & Engg
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Department of Computer Science and Engineering

Schedule for **Certificate Course on "Application of Artificial Intelligence for Product Development & Research"**day wise schedule
From: 08/05/2023 to 18/05/2023

Sr. No.	Day &Date	Time	Contents
1	08/05/2023	10:00 am to 12:00 am	• **Day 1: Overview** • Foundations, scope, problems, and approaches of AI
		Lunch Breack	
		01:00 pm to 04:00 pm	• Intelligent agents: reactive, deliberative, goal driven, utility-driven, and learning agents
2	09/05/2023	10:00 am to 12:30 am	• **Day 2: AI in product development: What does it entail?** • How does AI in product development transform the process?
		Lunch Breack	
		01:00 pm to 04:00 pm	• Benefits of AI in product development • Legal and ethical considerations while using AI in product development
3	10/05/2023	10:00 am to	• **Day 3: How we integrate AI into each phase of the development process**

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Sr. No.	Day &Date	Time	Contents
		12:30 am	• Strategic AI/ML consulting • Custom model development • Data analysis and generative AI
		Lunch Breack	
		01:00 pm to 04:00 pm	• Stages of AI product development • Identifying the business objective, data collection • Data preparation and exploration • The design sprint • Deployment and maintenance
4	11/05/2023	10:00 am to 12:30 am	**Day 4: Searching- Searching for solutions** • uniformed search strategies – Breadth first search • depth first Search
		Lunch Breack	
		01:00 pm to 04:00 pm	• Search with partial information (Heuristic search) Hill climbing • A* ,AO* Algorithms, • Problem reduction,

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Sr. No.	Day &Date	Time	Contents
			• Game Playing-Adversial search,
5	12/05/2023	10:00 am to 12:30 am	**Day 5: Games, mini-max algorithm** • optimal decisions in multiplayer games, • Problem in Game playing, • Alpha-Beta pruning, • Evaluation functions.
		Lunch Breack	
		01:00 pm to 04:00 pm	• Knowledge representation issues, • predicate logic- logic programming • semantic nets- frames and inheritance, • constraint propagation
6	13/05/2023	10:00 am to 12:30 am	**Day 6: Representing knowledge using rules** • Rules based deduction systems. • Reasoning under uncertainty • review of probability,
		Lunch Breack	
		01:00 pm to 04:00 pm	• Baye's probabilistic interferences and dempstershafer theory. • First order logic. • Inference in first order logic

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Sr. No.	Day &Date	Time	Contents
7	14/05/2023	10:00 am to 12:00 am	• **Day 7: Propositional vs. first order inference** • unification & lifts forward chaining, • Backward chaining
		Lunch Breack	
		01:00 pm to 04:00 pm	• Resolution, Learning from observation Inductive learning, • Decisiontrees, • Explanation based learning, • Statistical Learning methods • Reinforcement Learning
8	15/05/2023	10:00 am to 12:30 am	• **Day 8: Expert systems** • Introduction, basic concepts, • structure of expert systems, • The human element in expert systems how expert systems works,
		Lunch Breack	
		01:00 pm to 04:00 pm	• Problem areas addressed by expert systems, • Expert systems success factors, • Types of expert systems
9	16/05/2023	10:00 am to 12:30 am	• **Day 9: Expert systems and the internet interacts web** • knowledge engineering, • scope of knowledge, • difficulties, in knowledge acquisition

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Sr. No.	Day &Date	Time	Contents
			methods of knowledge acquisition
		Lunch Breack	
		01:00 pm to 04:00 pm	• machine learning, • intelligent agents, • selecting an appropriate knowledge acquisition method
10	17/05/2023	10:00 am to 12:30 am	**Day 10: Learning and Knowledge Acquisition** • Forms of Learning: • Supervised, Unsupervised, Semi-supervised.
		Lunch Breack	
		01:00 pm to 04:00 pm	• Statistical learning, • ReinforcementLearning, • Q-learning, • sample applications.

S.P.Pawar
Head, CSE Dept.

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Department of Computer Science and Engineering

Syllabus of Certificate Courses **Application of Artificial Intelligence for Product Development & Research"** for TY CSE.

- **Day 1: Overview**
- Foundations, scope, problems, and approaches of AI
- Intelligent agents: reactive, deliberative, goal driven, utility-driven, and learning agents

- **Day 2: AI in product development: What does it entail?**
- How does AI in product development transform the process?
- Benefits of AI in product development
- Legal and ethical considerations while using AI in product development

- **Day 3: How we integrate AI into each phase of the development process**
- Strategic AI/ML consulting
- Custom model development
- Data analysis and generative AI
- Stages of AI product development
- Identifying the business objective, data collection
- Data preparation and exploration
- The design sprint
- Deployment and maintenance

- **Day 4: Searching- Searching for solutions**
- uniformed search strategies – Breadth first search
- depth first Search

- Search with partial information (Heuristic search) Hill climbing
- A* ,AO* Algorithms,
- Problem reduction,
- Game Playing-Adversial search,

- **Day 5: Games, mini-max algorithm**
- optimal decisions in multiplayer games,
- Problem in Game playing,
- Alpha-Beta pruning,
- Evaluation functions.
- Knowledge representation issues,
- predicate logic- logic programming
- semantic nets- frames and inheritance,
- constraint propagation

- **Day 6: Representing knowledge using rules**
- Rules based deduction systems.
- Reasoning under uncertainty
- review of probability,
- Baye's probabilistic interferences and dempstershafer theory.
- First order logic.
- Inference in first order logic

- **Day 7: Propositional vs. first order inference**
- Unification & lifts forward chaining,
- Backward chaining

- Resolution, Learning from observation Inductive learning,
- Decision trees,
- Explanation based learning,
- Statistical Learning methods
- Reinforcement Learning

- **Day 8: Expert systems**
- Introduction, basic concepts,
- structure of expert systems,
- The human element in expert systems how expert systems works,
- Problem areas addressed by expert systems,
- Expert systems success factors,
- Types of expert systems

- **Day 9: Expert systems and the internet interacts web**
- knowledge engineering,
- scope of knowledge,
- difficulties, in knowledge acquisition methods of knowledge acquisition
- machine learning,
- intelligent agents,
- selecting an appropriate knowledge acquisition method

- **Day 10: Learning Supervised, Unsupervised, Semi-supervised.**
- Statistical learning and Knowledge Acquisition
- Forms of Learning:
- Reinforcement Learning,
- Q-learning,
- sample applications.

S.P.Pawar

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Date: 2/5/2023

NOTICE

All the students of TY C.S.E are hereby informed to note that, our department is organizing a online workshop on the topic "**Application of Artificial Intelligence for Product Development and Research**".under the guidance of Dr. Anand S. Rao (Global Artificial Intelligence Leader, PWC). Session will be conducted in concerned classes.

Note: Attendance is mandatory for all the TY CSE students.

(Prof. M. Y. Shaikh)
Cordinator

S.P.Pawar
(Dr. Mrs. S. P. Pawar)
HOD CSE

HOD,
Department of Computer Science & Engg
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REF NO: COEPR/2022-23/CSE/

08-05-2023

To,
Dr. Anand S. Rao
Global Artificial Intelligence Leader
for PwC

Subject: Invitation as the Resource Person for a Session on a workshop "Application of Artificial Intelligence for Product and Research"

Respected Sir,

Shri Vithal Education and Research Institute (SVERI) is a charitable trust founded in Pandharpur (known as 'South Kashi' of India) by a group of technocrats. Today, around 4800 students are studying in this campus and around 1800 boys and 1500 girls are living in the separate hostels. The institute is moving ahead on the path of success with Excellent Academic Results, Excellent Placements, Excellent R & D, Excellent Infrastructure and Excellent Accreditations. After the establishment of the institution, various colleges have been started by this trust.

1. **SVERI's College of Engineering (UG & PG), Pandharpur** (Year:1998)
   (NAAC A+ with 3.46/4.00 CGPA and All eligible UG Programs have been accredited by NBA)
2. **SVERI's College of Pharmacy (UG, PG & Diploma), Pandharpur** (Year: 2006) (UG Program accredited by NBA)
3. **SVERI's College of Pharmacy (Poly.), Pandharpur** (Year: 2006)
   (Procedure for NBA is in progress)
4. **SVERI's College of Engineering (Poly.), Pandharpur** (Year: 2008) (All eligible programs have been accredited by NBA)

Sir, since inception, SVERI has been working for the betterment of society. The Rural Human Resource Development Facility (RHRDF) has been established at SVERI through MoU with Bhabha Atomic Research Center, Mumbai for deployment of the technologies of BARC in rural area. Around Rs. 2 Cr. CSR grant has been received from NPCIL, Tarapur for empowering villagers in Tarapur (Mumbai) region through propagation of BARC technologies. In addition, Rs. 5 Cr. grant has been approved by NITI Aayog for establishment of Atal Community Innovation Center (ACIC), in 2022. Recently, RGSTC has sanctioned research fund of Rs. 33.73 Cr. for the collaborative project of IIT Mumbai, VJTI, Mumbai and SVERI, Pandharpur on Drone Technology. The institute provides 'Earn & Learn' scheme to the needy students for bringing them in the flow of education by sparing budget around Rs. 1 Cr. every year and making expenditure accordingly.

Sir, we have organized a workshop on **"Application of Artificial Intelligence for Product Development and Research"** From 9th May 2023 for our Third year Students from Department of Electronics and Telecommunication Engineering and Department of Computer Science Engineering. We are pleased to invite you to take a session on "'Application of Artificial Intelligence for Product Development and Research" on **9th, 10th and 18th May 2023 at 4pm (IST)** in the institute.

Webelieve that your presence and words of wisdom will take us (students, faculty members and allotherstakeholders ofthis institute) to a different energy level which will help us achieve new heights of success in our future journey.

Sir, we are very much eager to welcome you. We are waiting for your positive response.

Thank you.

Yourstruly,

S. P. Pawar

(Dr. Mrs. S. P. Pawar)
HOD CSE

HOD,
Department of Computer Science & Engg
SVERI's C.O.E. Pandharpur

ShriVithal Education & Research Institute's
COLLEGE OF ENGINEERING, PANDHARPUR

P.B. No. 54, Gopalpur - Ranjani Road, Gopalpur, **Tal.:** Pandharpur- 413304, **Dist.:** Solapur (MH)
Contact No.: 9545553888, 9545553757, **E-mail:**coe@sveri.ac.in, **Website:**www.sveri.ac.in
Approved by **A.I.C.T.E.**, New Delhi and affiliated to PunyashlokAhilyadeviHolkar Solapur University, Solapur
NBA Accredited all Eligible UG Programmes, **NAAC A+** Accredited Institute, ISO 9001-2015 Certified Institute.
Accredited by Institution of Engineers (India) and TCS.

REF NO: COEPR/2022-23/CSE/ 18-05-2023

To,
Dr. Anand S. Rao
Global Artificial Intelligence Leader
for PwC

Respected Sir,

We express our heartfelt gratitude towards you for accepting our invitationas the Resource Person for the Session in workshop on "Application of Artificial Intelligence for Product Development and Research" arranged at ShriVithal Education &Research Institute (SVERI) College of Engineering, Pandharpur from 8th May, 2023 onwards. We are sure that your presence and words of wisdom have taken our students and faculty members to a different energy level which will help all to achieve new heights of success in their future journey.

Your vision and insights in the area of Artificial Intelligence for ProductDevelopment and Research have certainly boosted the confidence of our students and faculty members. It is the matter of pride and delight for us that you have spared your valuable time and enlightened all through your scholarly address.

We request same kind of cooperation and guidance in future also.
Thank you once again.

Yours faithfully,

S. P. Pawar

(Dr. Mrs. S. P. Pawar)
HOD, CSE

HOD,
Department of Computer Science & Engg
SVERI's C.O.E. Pandharpur.

SVERI's College of Engineering, Pandharpur

An Exclusive workshop for SVERI

'Application of Artificial Intelligence for Product Development & Research'

Speaker

Dr. Anand S. Rao

Global Artificial Intelligence Lead at PWC,
Trusted Advisor, Innovator, Author, Educator

Organized by

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

AICTE — All India Council for Technical Education

IEEE
Advancing Technology for Humanity

IIC, AICTE, IEEE & Department of E&TC Engineering

Venue

E&TC and CSE Department,
SVERI's College of Engineering, Pandharpur

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
COLLGE OF ENGINEERING, PANDHARPUR.

Department of Computer Science Engineering

Session on Artificial Intelligence (AI)

TY CSE Div : A **Date: 9/5/2023**

Roll No	Name of Students	Signature
1	Bahirwade Pooja Rajendra	
2	Birajdar Shraddha Siddharam	
3	Dalave Snehal Sanjay	
4	Dhembare Monali Bandu	
5	Dhotre Khushi Avinash	
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7	Jadhav Sanskruti Rupchand	
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33	Pawar Nupur Nilesh	
34	Rajeshwari Dharmraj Ghodake	
35	Ambule Swati Saudagar	

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66	Surshetwar Abhijeet Balkrishna	
67	Surwase Shreyas Shankar	
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69	Virdhe Amrut Yogesh	
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75	Shinde Prasad Rajendra	
76	Palkar Aniket Dhananjay	
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COLLGE OF ENGINEERING, PANDHARPUR.

Department of Computer Science Engineering

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TY CSE Div : B **Date: 9/5/2023**

Roll No	Name of Students	Signature
1	Betale Gayatri Pavankumar	
2	Bile Anuja Agatrao	
3	Choudhari Sanyogita Baba	
4	Darade Snehal Santosh	
5	Galande Sneha Santosh	
6	Gavali Sampada Sanjay	
7	Ghuge Lawale Nikita Dhananjay	
8	Gove Pragati Shankar	
9	Hilal Pranali Pandurang	
10	Jagtap Neha Sudhakar	
11	Jagtap Nikita Chandrahas	
12	Jagtap Purva Chintamani	
13	Khude Sonali Ashok	
14	Kokare Aishwarya Mahadeo	
15	Kumbhar Namrata Vishnu	
16	Landge Akanksha Namdev	
17	Lokare Aparna Keraba	
18	Lokhande Kiran Anandrao	
19	Nikam Sakshi Chintamani	
20	Nishita Patil	
21	Patil Sanika Mukund	
22	Patole Poonam Vilas	
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35	Baraskar Mustkeem Mahamadhanif	
36	Bhosale Sudarshan Gopichand	

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50	Jadhav Mayur Rajkumar	
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64	Saqib Amin Najar	
65	Vanave Mihir Bapu	
66	Vishwamantri Mahesh Shrimant	
67	Shevantikar Pradnesh Amar	
68	Korachagao Abhishek Siddharam	
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DECISION TREE: DEFINITION
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Wednesday, 10, May, 20...
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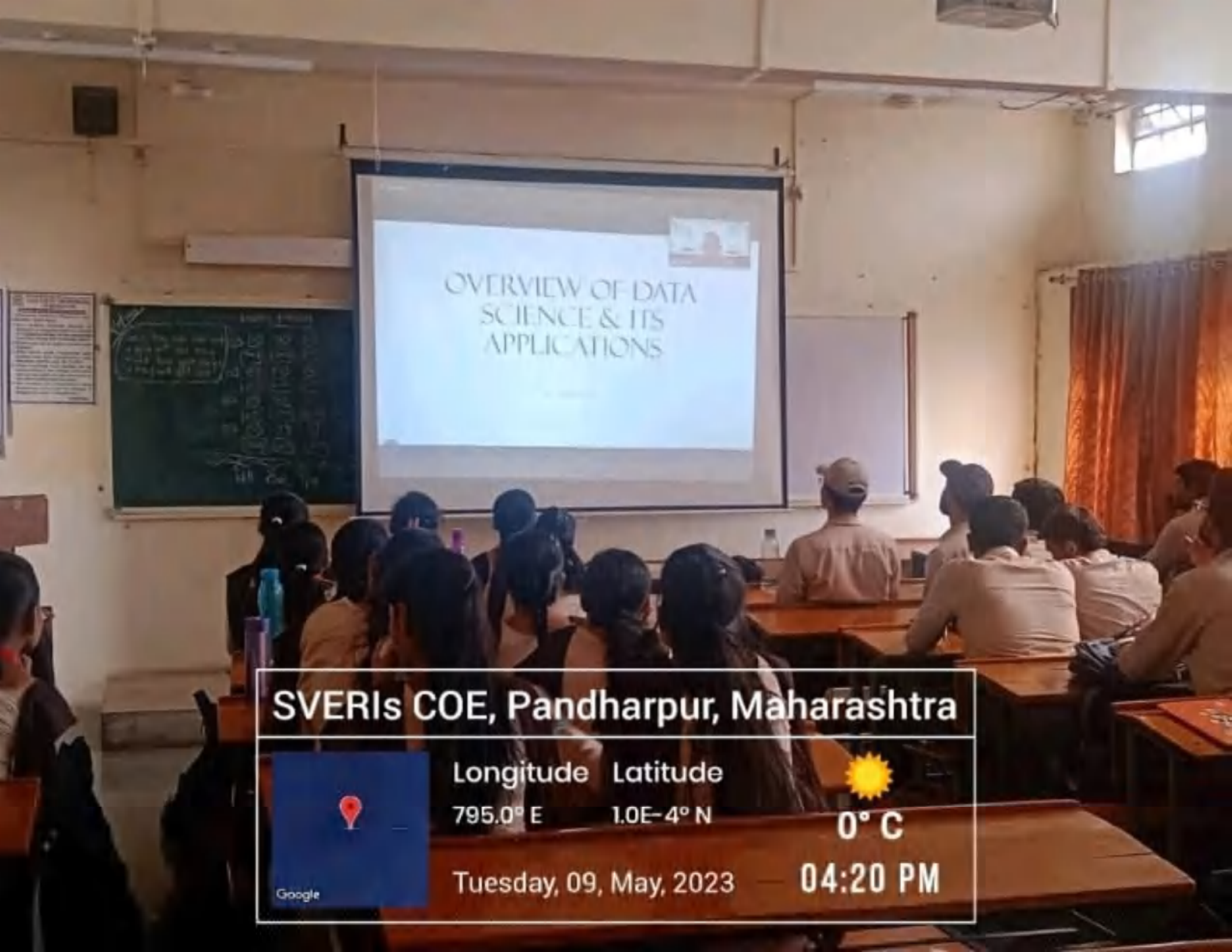
OVERVIEW OF DATA SCIENCE & ITS APPLICATIONS
SVERIs COE, Pandharpur, Maharashtra
Longitude
795.0° E
Latitude
1.0E-4° N
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Tuesday, 09, May, 2023
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(Approved by AICTE, New Delhi and affiliated to Solapur University, Solapur) E-mail :- coe_pan@rediffmail.com

Date: 18-05-2023

Department of Computer Science and Engineering

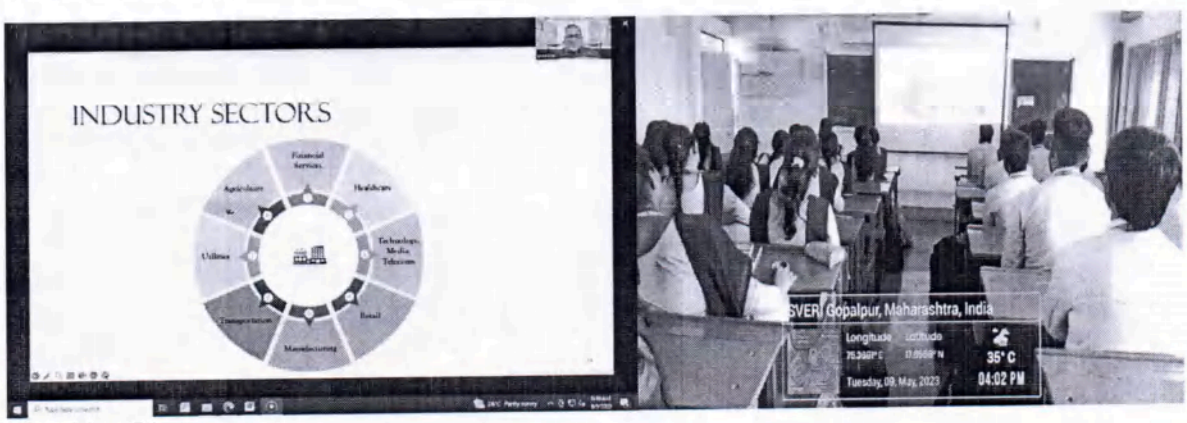
To,
The Principal,
SVERI's COE,
Pandharpur.

Subject: Report Regarding Session in workshop

Respected Sir,

I, the undersigned Mr. M. Y. Shaikh (Asst. Prof.) working in CSE Department, submitting following report of session in workshop conducted.

Name of the Guest Faculty :Dr. Anand S. Rao(Anand S. Rao, for PwC)
Class : TY CSE.
Topic of Guest Lecture :Application of Artificial Intelligence for Product Development and Research.
Total No. of Students : 150
Date of Guest Lecture Conducted : 9th , 10th, 18th May 2023.
Snaps of Session:



Thanking You,
Subject Teacher.

S. P. Pawar
(Dr. Mrs. S. P. Pawar)
HOD CSE

HOD,
Department of Computer Science & Engg
SVERI's C.O.E. Pandharpur.

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This is to Certify that Mr/Ms. ***Sasane Diksha Ranjeet*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Lokare Aparna Keraba*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Nikam Sakshi Chintamani*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Nishita Patil*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Patil Sanika Mukund*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Raut Sonali Gokul*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Rohite Aishwarya Balkrushna*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Sudke Gaytri Bibhishan*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Kamble Divya Rajkumar*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Mane Pragati Narayan*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Sawant Aishwarya Maruti*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Bansode Harshad Abhiman*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Baraskar Mustkeem Mahamadhanif*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Bhosale Sudarshan Gopichand*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Birajdar Gaurav Rajendra*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Bulbule Kaivalya Santosh*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Dixit Om Ramesh*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Huke Tejas Ramrao*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Chavan Madhura Balasaheb*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
IIC President	*Head of Department*	*IIC Coordinator*	*Principal*	*Global Artificial Intelligence Lead in PwC*

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This is to Certify that Mr/Ms. ***Wale Devaki Santosh*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Kumbhar Kalyani Vijay*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Masal Dipali Tanaji*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Fase Anushka Milind*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Bagal Rohini Pandurang*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Thonge Rutuja Shivraj*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Darade Snehal Bajarang*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Chavan Shrutika Satish*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Patil Mayuri Sanjay*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Shinde Samruddhi Shashank*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Gaikwad Prajkta Vijay*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Shiketod Samruddhi Rajaram*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Raut Anjali Sanjay*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Somdale Mayuri Maruti*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Anuse Sanjeevani Rahul*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Misal Nikita Hanmant*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Musale Rachna Rajkumar*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Gurav Snehal Shivaji*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Tinwale Nagma Salamat*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Nikam Tejaswini Tanaji*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Kolhal Prachi Prakash*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Vasekar Asmita Rajkumar*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Pawar Sanika Nagnath*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Umarani Gaurakka Amasiddha*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Chavhan Mayuri Sanjay*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Kalunge Prathamesh Maruti*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Chavan Rohit Dattatray*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Inamdar Mohammed Sahbi Salim*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Bhusare Dnyaneshwar Dasharath*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Marda Shridhar Shrinivas*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Rathod Yashpalsinh Anil*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Shingare Yash Rajesh*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Jadhav Amol Dattatray*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Hajare Pravin Gorakh*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Nagtilak Pratik Abhiman*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Ghodake Shital Manik*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Shelke Vaishnavi Kakasaheb*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Shelake Ankita Ganesh*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Patil Samiksha Vasantrao*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Dhanashree Yashwant Bagal*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Tarange Supriya Laxman*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Khaire Sakshi Kiran*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Raut Shivanjali Shivaji*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Gaikwad Rutuja Avinash*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Korake Manasi Sanjay*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Patil Gauri Anil*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Babar Vishakha Vishnu*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Gholave Neha Shivaji*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Katkar Shivani Rajendra*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Ganeshkar Aboli Rajendra*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Jagtap Namrata Umesh*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Shete Srushti Darmendra*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Tamboli Sabiya Abdulkarim*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Bagali Seema Suresh*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Chavan Gauri Sanjay*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Kokate Sandhya Raju*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Alashetti Laxman Shivanand*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Jadhav Digvijay Sitaram*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Ghayal Shrikant Hanmant*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Matade Ajinkya Sanjay*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Joshi Mahesh Abhay*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
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This is to Certify that Mr/Ms. ***Chorade Abhijit Vishwnath*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Bukka Siddhaling Choudappa*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Adeli Rajanna Laxminarayan*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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This is to Certify that Mr/Ms. ***Balla Shruti Murlidhar*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

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Certificate of Participation

This is to Certify that Mr/Ms. ***Fattepurkar Mrunal Mahesh*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
IIC President	*Head of Department*	*IIC Coordinator*	*Principal*	*Global Artificial Intelligence Lead in PwC*

Shri Vithal Education & Research Institute's
College of Engineering, Pandharpur
Department of Computer Science and Engineering

In collaboration with

Global Indian Scientists and Technocrats(GIST)

Organized a workshop on

"Application of Artificial Intelligence for Product Development & Research"

Certificate of Participation

This is to Certify that Mr/Ms. ***Khatkale Pranali Mohan*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
IIC President	*Head of Department*	*IIC Coordinator*	*Principal*	*Global Artificial Intelligence Lead in PwC*

Shri Vithal Education & Research Institute's
College of Engineering, Pandharpur
Department of Computer Science and Engineering

In collaboration with

Global Indian Scientists and Technocrats(GIST)

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"Application of Artificial Intelligence for Product Development & Research"

Certificate of Participation

This is to Certify that Mr/Ms. ***Kokare Ahilya Vitthal*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
IIC President	*Head of Department*	*IIC Coordinator*	*Principal*	*Global Artificial Intelligence Lead in PwC*

Shri Vithal Education & Research Institute's
College of Engineering, Pandharpur
Department of Computer Science and Engineering

In collaboration with

Global Indian Scientists and Technocrats(GIST)

Organized a workshop on

"Application of Artificial Intelligence for Product Development & Research"

Certificate of Participation

This is to Certify that Mr/Ms. ***Madane Ishwari Rajshekhar*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
IIC President	*Head of Department*	*IIC Coordinator*	*Principal*	*Global Artificial Intelligence Lead in PwC*

Shri Vithal Education & Research Institute's
College of Engineering, Pandharpur
Department of Computer Science and Engineering

In collaboration with

Global Indian Scientists and Technocrats(GIST)

Organized a workshop on

"Application of Artificial Intelligence for Product Development & Research"

Certificate of Participation

This is to Certify that Mr/Ms. ***Patil Suyasha Santosh*** **COLLEGE OF ENGINEERING, PANDHARPUR** has successfully attended a Workshop on **"Application of Artificial Intelligence for Product Development & Research"** from 8 May 2023 to 18 May 2023.

Dr.Mrs. V. S. Kshirsagar	*Dr. Mrs. S. P. Pawar*	*Mr. M. Y. Shaikh*	*Dr. B. P. Ronge*	*Dr. Anand S. Rao*
IIC President	*Head of Department*	*IIC Coordinator*	*Principal*	*Global Artificial Intelligence Lead in PwC*

SVERI's
College of Engineering, Pandharpur
Civil Engineering Department

Certificate Course

on

"Maximizing Precision and Efficiency harnessing Total Station Technology"

Duration- 17/10/2022 to 24/10/2022

Class: S. Y. Div:-A & B Sem-I
A.Y.: 2022-23

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SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , NAAC A+, Accredited Institute,
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

Date: 12/10/2022

Department of Civil Engineering

NOTICE

All the students of S.Y. B. Tech. (Civil Engineering) are informed to note that, it is compulsory for students of S.Y. B. Tech. to complete Add-on course from A.Y.2022-2023. Accordingly, Department of Civil Engineering has organized **Add on Course** on **"Maximizing Precision and Efficiency harnessing Total Station Technology"** from **17/10/2022 to 24/10/2022**. Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination. All the concerned should take note and act accordingly.

(Prof. Y. B. Surwase)
Course Coordinator

Head, Civil. Engg. Dept.

HEAD,
Dept. of Civil. Engg.
C.O.E. Pandharpur

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Ref. No.: COEPR/CIVIL/2022-2023 /87(c) Date:-12/10/2022

OFFICE ORDER

Following committee has been constituted for Design and Development of Curriculum for **Add on Course "Maximizing Precision and Efficiency harnessing Total Station Technology"** for S.Y. B.Tech. (Civil Engineering) Semester-I of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Prof. Y. B. Surwase	Chairman
2.	Prof. A. B. Kokare	Member

The above members are requested to design the curriculum for the said Add on Course and submit final copy of the curriculum to the undersigned on or before 15/10/2022.

Please take a note of the same and act accordingly.

Head, Civil Engg. Dept.

HEAD,
Dept. of Civil. Engg.
C.O.E. Pandharpur

Copy to:
1. Prof. Y. B. Surwase
2. Prof. A. B. Kokare
3. Principal
4. Dean Academics
5. Registrar
6. Office copy

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SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
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Dist. Solapur (Maharashtra) Ph.(02186)- 282223, 9503103892
(Approved by A.I.C.T.E., New Delhi and affiliated to Solapur University, Solapur)
ISO 9001-2008 Certified Institute, Accredited by TCS, Pune & The Institution of Engineers (India), Kolkata E-mail : coe@sveri.ac.in Website: www.sveri.ac.in

Department of Civil Engineering

Syllabus for "Maximizing Precision and Efficiency harnessing Total Station Technology"

Time/Date	10:00 to 12:30	12:30 to 01:30	01:30 to 04:00
Day 1	Introduction to Total Station	Recess	Setting up a Total Station Basic operation and control
Day 2	Angular measurements Distance measurements Data collection Techniques		Field work: Practice with angle and distance measurements
Day 3	Data storage and organization Downloading data to a computer		Data processing and analysis using software
Day 4	Land surveying applications Construction and engineering application		Case studies and real-world examples
Day 5	Stakeout and layout techniques Coordinate systems and transformations		Fieldwork: Advanced measurements and stakeout exercises
Day 6	Instrument calibration Routine maintenance and troubleshooting		Hands-on practice with instrument maintenance
Day 7	Sources of errors Error reduction techniques		Error analysis exercises and discussions

(Prof. Y. B. Surwase)
Course **Coordinator**

Head, Civil Engg. Dept.

HEAD,
Dept. of Civil. Engg.
C O.E. Pandharpur

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Certificate course on "Maximizing Precision and Efficiency harnessing Total Station Technology"

17/10/2022 to 24/10/2022

Organized by

Department of Civil Engineering

SVERI's College of Engineering, Pandharpur

Approved by AICTE, New Delhi; NBA Accredited for all eligible UG Programs; Accredited by NAAC;IEI, Kolkata& TCS, Pune. Also Certified by ISO 9001:2015. Affiliated to P. A. H. Solapur University, Solapur.

P.B. No. 54, Gopalpur-Ranjani Road, Gopalpur, Pandharpur-413304,
Dist.-Solapur, (Maharashtra) - India

About the Institute

Pandharpur is well known holy place for Lord Shri Vithal temple. It is recognized as Spiritual capital of Maharashtra and popularly known as 'South Kashi' of India. Shri Vithal Education & Research Institute (SVERI) is charitable trust formed by technocrats and established its first project as College of Engineering, Pandharpur in 1998, Approved by AICTE, New Delhi, all eligible UG Programs are NBA Accredited, Accredited by NAAC, The Institution of Engineers (India) Kolkata, & TCS Pune, ISO 9001:2015 Certified Institute, Affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur.

About the Department

The trust continuing its tradition of imparting knowledge to the Students of rural area started the Course of Master of Business Administration in the Academic Year: 2008-09. The MBA Department is one of the leading departments dedicated to provide Excellence for corporate world in the form of competent students. Focusing on overall development and need of the industries, curriculum is designed in such a way that, it will provide blend of theoretical knowledge and practical exposure.

Resource Persons

1. Asst. Prof. Y.B. Survase BE.Civil M.Tech (Construction Management.)

2. Prof. A.B.Kokare M. E. (Structure)

3. Prof. M.S.Survase M. E.(Structure)

CHIEF PERSON

Asst. Prof. Y.B. Survase (ybsurvase@coe.sveri.ac.in)

ORGANIZING COMMITTEE

1. Asst. Prof. Y.B. Survase BE.Civil M.Tech (Construction Management)

2. Prof. A.B.Kokare M. E. (Structure)

3. Prof. M.S.Survase M. E.(Structure)

CHIEF PERSON

Prof. Suraj B. Ronge (Trustee Member)
Prof. M. M. Pawar (Campus In-Charge)
Dr. P. M. Pawar (Dean, Academics)
Dr. R. R. Gidde (Dean, Administration)
Dr. A.P.Kene (Dean, R & D)
Prof. M.S. Mathapati (Dean, Students')
Prof.S. M. Khomane (Dean, P&CA)
Prof. A. A. Mote (Dean, T&AA)
Dr. D. S. Chaudhari (Dean, APP)

CONVENOR

Dr.P.M.Pawar
Professor & Dean Academics
Head Department of CIVIL

SVERI's COLLEGE OF ENGINEERING PANDHARPUR
DEPARTMENT OF CIVIL ENGINEERING
A.Y. 2022-23 SEM: I
Online Certificate Course on "Maximizing Precision and Efficiency harnessing Total Station Technology"
CLASS: S. Y. (CIVIL) DIV: A
Student List

Roll No.	Name of Student
SA01	ASHTUL SAYLI VIJAY
SA02	CHAVARE NAMRATA DINKAR
SA03	DESHMUKHE SANIKA GAJANAN
SA04	KARANDE PRIYANKA PRATAP
SA05	KAWADE RUTUJA MAHESH
SA06	KUMBHAR AISHWARYA PRADIP
SA07	LATAKE DIVYA RAJENDRA
SA08	MANE AAKANKSHA JAGANNATH
SA09	NAGANE POOJA DADASAHEB
SA10	PATIL RAJNANDINI VIJAY
SA11	RONGE SNEHAL NAVNATH
SA12	SHAIKH ALVIRA AMIN
SA13	SURVASE ANISHA AMAR
SA14	VYAVAHARE SHRADDHA SHIVAJI
SA15	ANUSE BAPU SADASHIV
SA16	BANDGAR RAMESH BAPU
SA17	BANSODE AJAY BHAGWAT
SA18	CHAVAN PRATHMESH LAXMAN
SA19	CHAVAN SWARUP RAJARAM
SA20	DHULAGUDE SWAPNIL MAHADEV
SA21	GHADGE VISHWAJEET SANJAY
SA22	HOTKAR VITTHAL SAINATH
SA23	KARE PRATIK DADA
SA24	KHALADKAR ABHIJIT ASHOK
SA25	MADANE GOPAL DATTA
SA26	METAKARI TUKARAM SHANKAR
SA27	PATIL OM VIVEKANAND
SA28	RONGE RAJ MOHAN
SA29	SHEGAR AKASH SUBHASH
SA30	SHEJAL DATTATRAY MARUTI
SA31	SHINDE YUVRAJ SITARAM
SA32	SURAWASE PRATHAMESH GANESH

(Prof. Y. B. Surwase)
Course Co-ordinator

H.O.D., Civil Engg. Dept.

HEAD,
Dept. of Civil. Engg.
C.O.E. Pandharpur

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SVERI's COLLEGE OF ENGINEERING PANDHARPUR
DEPARTMENT OF CIVIL ENGINEERING
A.Y. 2022-23 SEM: I
Online Certificate Course on "Maximizing Precision and Efficiency harnessing Total Station Technology"
CLASS: S. Y. (CIVIL) DIV: B
Student List

Roll No.	Name of Student	Roll No.	Name of Student
SB01	BANSODE POONAM BHAIRAVNATH	SB32	KALE ROHIT RAJENDRA
SB02	BHOSALE PRATIKSHA ADHIKRAO	SB33	KHADE AJAY SANJAY
SB03	CHAVAN AISHWARYA ROHIDAS	SB34	KORAKE RITESH KAILAS
SB04	DESHMUKH SMITA DHANAJI	SB35	KSHIRSAGAR ADESH RAVINDRA
SB05	DHERE POOJA SANTOSH	SB36	KSHIRSAGAR AKSHAY MAHADEV
SB06	GHADGE ARATI MANIK	SB37	LANDE SANDESH SUDHIR
SB07	JADHAV GAURI SUNIL	SB38	LENDAVE SANKET CHANDRAKANT
SB08	KAMBLE KAJAL SHRAVAN	SB39	LONDHE TULSIDAS DATTATRAY
SB09	KOKANE SHWETA RAVI	SB40	MACHALE PRATHMESH DILIPKUMAR
SB10	KOLI PRIYANKA IRANNA	SB41	MASHALE RAHUL MANAGENI
SB11	KOTHAWALE SHARVARI DHANANJAY	SB42	MOHITE VISHAL BABAN
SB12	LOKHANDE MEGHA ASHOK	SB43	MORE ANIKET NAVNATH
SB13	MORE ASMITA HANUMANT	SB44	NILGAR AVINASH SHARANAPPA
SB14	MULANI TAMAYYA SIKANDAR	SB45	NILGAR VIGHNAHAR SHARAD
SB15	PATIL RAJNANDINI VIJAY	SB46	NIMBAL ABHISHEK SURESH
SB16	PHALAKE PRAJAKTA SAJJAN	SB47	NIMBALKAR YASH SATISH
SB17	PUJARI MANGAL SIDDHA	SB48	PADVALE MAHESH LAXMAN
SB18	RAUT RUTUJA SACHIN	SB49	PATIL ROHIT PRABHAKAR
SB19	SHINDE DNYANESHWARI LAXMAN	SB50	PATIL SWAPNIL SHRIKANT
SB20	SONAVANE SAMIKSHA MANOJ	SB51	PAWAR GANESH KERU
SB21	TENGALE SHIVALINGAMMA CHANDRAKANT	SB52	ROHIT RAYBHAN DARANDALE
SB22	WAGHAMARE SWAPNALI VALMIK	SB53	SALVITTHAL HARSHRAJ SANJAY
SB23	AMISHA RANI	SB54	SATPUTE ANAND SAHADEV
SB24	CHETNA WAZIR	SB55	SHINDE KHATKALE SHRIYASH BABASAHEB
SB25	ASABE ADITYA SANTOSH	SB56	SUNAGAR SURESH BHIMANNA
SB26	BHOSALE RITESH DATTATRAY	SB57	TAD ROHIT BRAHMADEV
SB27	DUBULE PRAVIN SUNIL	SB58	TAKANE SHRIPAD VIKAS
SB28	GAIKWAD SANKET MOHAN	SB59	TUKAMALI BHEEMASHANKAR RAJASHEKHAR
SB29	HIPPARGI SAMARTH PRAKASH	SB60	WAGAJ SOURABH SIDDESHWAR
SB30	JAGTAP VIKRAMRAJE DATTATRAY	SB61	WAGHAMODE SHRAVAN SURYAKANT
SB31	JOSHI YOGESHWAR GAJANAN	SB62	WAGHMODE ONKAR RAJKUMAR

(Prof. Y. B. Surwase)
Course Co-ordinator

H.O.D., Civil Engg. Dept.

HEAD,
Dept. of Civil. Engg.
C.O.E. Pandharpur

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Civil Engineering Department

Certificate Course on "Maximizing Precision and Efficiency harnessing Total Station Technology"

CLASS: S. Y. (CIVIL) DIV: A & B A.Y. 2022-23 SEM:I

Attendance Record

Roll No	Name of Student	Date	17/10/2022	18/10/2022	19/10/2022	20/10/2022	21/10/2022	22/10/2022	24/10/2022
		M. No	1	2	3	4	5	6	7
SA01	ASHTUL SAYLI VIJAY								
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SA03	DESHMUKHE SANIKA GAJANAN								
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SA22	HOTKAR VITTHAL SAINATH								
SA23	KARE PRATIK DADA								
SA24	KHALADKAR ABHIJIT ASHOK								
SA25	MADANE GOPAL DATTA								

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SB22	WAGHAMARE SWAPNALI VALMIK								
SB23	AMISHA RANI		-	-	-	-	-	-	-
SB24	CHETNA WAZIR		-	-	-	-	-	-	-

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SB53	SALVITTHAL HARSHRAJ SANJAY								
SB54	SATPUTE ANAND SAHADEV								

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SB60	WAGAJ SOURABH SIDDESHWAR								
SB61	WAGHAMODE SHRAVAN SURYAKANT								
SB62	WAGHMODE ONKAR RAJKUMAR								

(Prof. Y. B. Surwase)
Course Co-ordinator

H.O.D., Civil Engg. Dept.

HEAD,
Dept. of Civil. Engg.
T.O.E. Pandharpur

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COLLEGE OF ENGINEERING, PANDHARPUR
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NBA Accredited all Eligible UG Programmes and , NAAC A+, Accredited Institute,
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DEPARTMENT OF CIVIL ENGINEERING

Certificate Course on

"Maximizing Precision and Efficiency harnessing Total Station Technology"

A.Y. 2022-23 SEM: I

CLASS: S. Y. (Civil) DIV: A & B

Course Duration: - 17/10/2022 to 24/10/2022

Assessment Procedure:

- **Eligibility Criterion:** A participant who will attend 75 % sessions will be eligible for Final Test.
- **Final Test:** Performance of participant will be assessed on the basis of passing in the Final Test with at least 50% marks.
- Only those participants who meet the passing standard for the assessment will be awarded the certificate.

(Prof. Y. B. Surwase)

Course Coordinator

Head, Civil. Engg. Dept.

HEAD,
Dept. of Civil. Engg.
C.O.E. Pandharpur

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Shri Vithal Education & Research Institute's

College of Engineering, Pandharpur

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Department of Civil Engineering

Certificate of Participation

This is to certify that

Mr. CHAVAN PRATHMESH LAXMAN *of* **SVERI's College of Engineering, Pandharpur** has participated and successfully completed Eight Days Certificate Course on "**Maximizing Precision and Efficiency harnessing Total Station Technology**" from **October 17, 2022 to October 24, 2022** Organized by **Department of Civil Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.**

Prof. Y. B. Survase	**Dr. P. M. Pawar**	**Prof. Dr. B. P. Ronge**
Co-ordinator	Head, Civil. Engg. Dept.	Principal

Shri Vithal Education & Research Institute's

College of Engineering, Pandharpur

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Department of Civil Engineering

Certificate of Participation

This is to certify that

Mr. BANSODE AJAY BHAGWAT *of* **SVERI's College of Engineering, Pandharpur** has participated and successfully completed Eight Days Certificate Course "**Maximizing Precision and Efficiency harnessing Total Station Technology**" from **October 17, 2022 to October 24, 2022** Organized by **Department of Civil Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.**

Prof. Y. B. Survase	**Dr. P. M. Pawar**	**Prof. Dr. B. P. Ronge**
Co-ordinator	Head, Civil. Engg. Dept.	Principal

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Department of Civil Engineering

Certificate of Participation

This is to certify that

Ms. DESHMUKHE SANIKA GAJANAN *of* **SVERI's College of Engineering, Pandharpur** **has participated and successfully completed Eight Days Certificate Course on "Maximizing Precision and Efficiency harnessing Total Station Technology" from October 17, 2022 to October 24, 2022 Organized by Department of Civil Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.**

Prof. Y. B. Survase	**Dr. P. M. Pawar**	**Prof. Dr. B. P. Ronge**
Co-ordinator	Head, Civil. Engg. Dept.	Principal

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Department of Civil Engineering

Certificate of Participation

This is to certify that

Ms. CHAVARE NAMRATA DINKAR *of* **SVERI's College of Engineering, Pandharpur** **has participated and successfully completed Eight Days Certificate Course on "Maximizing Precision and Efficiency harnessing Total Station Technology" from October 17, 2022 to October 24, 2022 Organized by Department of Civil Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.**

Prof. Y. B.Survase	**Dr. P. M. Pawar**	**Prof. Dr. B. P. Ronge**
Co-ordinator	Head, Civil. Engg. Dept.	Principal

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Department of Civil Engineering

Certificate of Participation

This is to certify that

Ms. ASHTUL SAYLI VIJAY *of* **SVERI's College of Engineering, Pandharpur** has participated and successfully completed Eight Days Certificate Course on "**Maximizing Precision and Efficiency harnessing Total Station Technology**" from **October 17, 2022 to October 24, 2022** Organized by **Department of Civil Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.**

Prof. Y. B. Survase	**Dr. P. M. Pawar**	**Prof. Dr. B. P. Ronge**
Co-ordinator	Head, Civil. Engg. Dept.	Principal

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)
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Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

REPORT

The Department of Civil Engineering conducted online **Certificate course** on ***Maximizing Precision and Efficiency harnessing Total Station Technology*** **from 17/10/2022 to 24/10/2022.** The resource persons for this certificate course were Mr. Y. B. Surwase, Mr. M. S. Surwase and Mr. A. B. Kokare. In this certificate course the student got the detail knowledge about total station typically involve the use of advanced technologies, processes, and techniques to improve efficiency, productivity, and quality in surveying operations. **Total 94 students of S. Y. Civil participated in this certificate course.** All the faculty members from Civil department worked actively for the successful completion of certificate course.

The Course outcomes for this course are:

1) **Students got knowledge about how to operate Total station and fetch data.**
2) **Students gained insights into the latest advancements, emerging technologies, and industry best practices, making them well-prepared for the demands of the modern surveying sector.**

(Prof. Y. B. Surwase)
Course Co-ordinator

H.O.D., Civil Engg. Dept.
HEAD,
Dept. of Civil. Engg.
C.O.E. Pandharpur

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SVERI's
College of Engineering, Pandharpur
Civil Engineering Department

Certificate Course

on

"Introduction to 3-D AUTOCAD Software" Duration- 17/08/2022 to 25/08/2022

Class: T. Y. Div:-A & B

Sem-I

A.Y.: 2022-23

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COLLEGE OF ENGINEERING, PANDHARPUR
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Date: 06/08/2022

Department of Civil Engineering

NOTICE

All the students of T.Y. B. Tech. (Civil Engineering) are informed to note that, it is compulsory for students of T.Y. B. Tech. to complete Add-on course from A.Y.2022-2023. Accordingly, Department of Civil Engineering has organized **Add on Course** on **"Introduction to 3-D AUTOCAD Software"** from **17/08/2022 to 25/08/2022**. Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination.

All the concerned should take note and act accordingly.

(Prof. Y. B. Surwase)
Course Coordinator

Head, Civil. Engg. Dept.
HEAD,
Dept. of Civil. Engg.
C.O.E. Pandharpur

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Ref. No.: COEPR/CIVIL/2022-2023/56(A) Date:- 6/08/2022

OFFICE ORDER

Following committee has been constituted for Design and Development of Curriculum for **Add on Course "Introduction to 3-D AUTOCAD Software"** for T.Y. B.Tech. (Civil Engineering) Semester-I of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Prof. R. S. Sathe	Chairman
2.	Prof. B. M. Malgimani	Member

The above members are requested to design the curriculum for the said Add on Course and submit final copy of the curriculum to the undersigned on or before 15/08/2022.

Please take a note of the same and act accordingly.

Head, Civil Engg. Dept.

HEAD,
Dept. of Civil. Engg.
C.O.E. Pandharpur

Copy to:
1. Prof. R. S. Sathe
2. Prof. B. M. Malgimani
3. Principal
4. Dean Academics
5. Registrar
6. Office copy

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Department of Civil Engineering

Syllabus for "Introduction to 3-D AUTOCAD Software"

Time/Date	10:00 to 12:00	12:00 to 01:00	01:00 to 03:00
Day 1	Introduction and Overview	Recess	Getting Started with AutoCAD Interface
Day 2	Creating Basic Shapes		Editing and Modifying Objects
Day 3	Working with Coordinates and Snap		Using Object Snaps and Grid
Day 4	Managing Layers		Analyzing and Interpreting Results
Day 5	Designing for System Efficiency		Creating Multiline Text and Styles
Day 6	Advanced Editing Techniques		Using Grips and Editing with Arrays
Day 7	Creating and Inserting Blocks		Working with External References (Xrefs)
Day 8	Guided Project Work		Course Recap, Q&A, and Certification

(Prof. Y. B. Surwase)
Course **Coordinator**

Head, Civil Engg. Dept.

HEAD,
Dept. of Civil. Engg.
C.O.E. Pandharpur

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Resource Persons

1.Prof. R.S.Sathe B.E. (Civil), M.E. (Structural Engg.), [Ph.D]

2. Prof.B.M.Malgimani B. (Civil), Mtech. (Structural Engg)

3. Prof. N.V.Mahamuni BE.(Civil). Mtech. (Structural Engg)

Certificate course on

"Introduction to 3-D AUTOCAD Software"

17/08/2022 to 25/08/2022

Organized by

Department of Civil Engineering

SVERI
Engineering for Excellence

SVERI's College of Engineering, Pandharpur

Approved by AICTE, New Delhi; NBA Accredited for all eligible UG Programs; Accredited by NAAC;IEI, Kolkata& TCS, Pune. Also Certified by ISO 9001:2015. Affiliated to P. A. H. Solapur University, Solapur.

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About the Institute

Pandharpur is well known holy place for Lord Shri Vithal temple. It is recognized as Spiritual capital of Maharashtra and popularly known as 'South Kashi' of India. Shri Vithal Education & Research Institute (SVERI) is charitable trust formed by technocrats and established its first project as College of Engineering, Pandharpur in 1998, Approved by AICTE, New Delhi, all eligible UG Programs are NBA Accredited, Accredited by NAAC, The Institution of Engineers (India) Kolkata, & TCS Pune, ISO 9001:2015 Certified Institute, Affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur.

About the Department

The trust continuing its tradition of imparting knowledge to the Students of rural area started the Course of Master of Business Administration in the Academic Year: 2008-09. The MBA Department is one of the leading departments dedicated to provide Excellence for corporate world in the form of competent students. Focusing on overall development and need of the industries, curriculum is designed in such a way that, it will provide blend of theoretical knowledge and practical exposure.

CHIEF PERSON

Prof. Dr. B. P. Ronge
Founder Secretary, SVERI &Principal,
SVERI's College of Engineering, Pandharpur

ADVISORY BOARD

Prof. Suraj B. Ronge (Trustee Member)
Prof. M. M. Pawar (Campus In-Charge)
Dr. P. M. Pawar (Dean, Academics)
Dr. R. R. Gidde (Dean, Administration)
Dr. A.P.Kene (Dean, R & D)
Prof. M.S. Mathapati (Dean, Students')
Prof.S.M.Khomane (Dean, P&CA)
Prof. A. A. Mote (Dean, T&AA)
Dr. D. S. Chaudhari (Dean, APP)

CONVENOR

Dr.P.M.Pawar
Professor.& Dean Academics
Head Department of CIVIL

COORDINATORS

Asst. Prof. Y.B. Survase (ybsurvase@coe.sveri.ac.in)

ORGANIZING COMMITTEE

Prof. R.S.Sathe (rssathe@coe.sveri.ac.in)

Prof. N.V.Mahamuni (nvmahamuni@coe.sveri.ac.in)

Prof. B.M.Malagimani (malagimanibm@coe.sveri.ac.in)

SVERI's COLLEGE OF ENGINEERING PANDHARPUR
DEPARTMENT OF CIVIL ENGINEERING
A.Y. 2022-23 SEM: I
Online Certificate Course on "Introduction to 3-D AUTOCAD Software"
CLASS: T. Y. (CIVIL) DIV: A
Student List

Roll No.	Name of Student	Roll No.	Name of Student
TA-1	AMBURE SNEHAL SHANKAR	TA-38	GHADAGE AKSHAY VIJAY
TA-2	GHOLVE HARSHADA SUNIL	TA-39	HUBALE SUYASH YASHWANT
TA-3	HONMANE VAISHNAVI VIJAY	TA-40	JADHAV HANUMANT BHAGAWAT
TA-4	INGALE PUJA ANNASAHEB	TA-41	JAGTAP VIKRAM NANASAHEB
TA-5	JADHAV SHWETA HANAMANT	TA-42	JETHE RUSHIKESH
TA-6	JAHIR PRANALI RAMESH	TA-43	KACHARE SUNNY SHIRISH
TA-7	JAWADE ADISHAKTI ABASAHEB	TA-44	KADAM VISHAL
TA-8	KADAM ROHINI RAJARAM	TA-45	KADLASKAR GANESH SUDHIR
TA-9	KONDHARE BHAGYASHRI RAJABHAU	TA-46	KALE ROHIT SUBHASH
TA-10	KORAKE SAKSHI MAHADEV	TA-47	KALE VIVEK VILAS
TA-11	KULKARNI CHAITRALI MILIND	TA-48	KAMBLE ADITYA DINKAR
TA-12	MALI MAYURI TUKARAM	TA-49	KURKAL KHANDERAYA ANKUSH
TA-13	PAWAR RUTUJA RAJABHAU	TA-50	KHANDAGALE VAIBHAV RAMESH
TA-14	PHALAKE ANKITA SUNIL	TA-51	MASTUD RAVI ANIL
TA-15	SADIGLE RESHMA RAJENDRA	TA-52	MORE VISHAL BALASO
TA-16	SALGAR MANASI MAHADEV	TA-53	MURMUTE SHUBHAM SATYAVAN
TA-17	SHINDE MADHURI RAJARAM	TA-54	PATEKAR KEDAR VILAS
TA-18	SHINDE POOJA SAHEBRAO	TA-55	PATIL OM ANNASO
TA-19	THAKARE SUNAYANA NAGNATH	TA-56	PAWAR ADITYA ANANDA
TA-20	THENGIL MINAL SURESH	TA-57	PHATE SURAJ ANNASO
TA-21	UBALE SAKSHI SUJIT	TA-58	PUJARI PRAJWAL GAJANAN
TA-22	ATKALE ASHISH RAJU	TA-59	RAUT ADITYA SUNIL
TA-23	BAGAL SANKET KALYAN	TA-60	ROPALKAR ATHARV SANJAY
TA-24	BAGWAN SHAHID SADIK	TA-61	SAKHARE YASH YOGIRAJ
TA-25	BANGALE SURAJ SADASHIV	TA-62	SARAVALE RANJIT DHANANJAY
TA-26	BHATKAR SANUSH SURENDRA	TA-63	SHINDE ADESH RAMRAO
TA-27	BHOSALE KRUSHNA SAMBHAJI	TA-64	SHINDE ANURAG ANIL
TA-28	BICHUKALE ROHIT SHAHAJI	TA-65	SHINDE SANKET DATTATRAYA
TA-29	BORADE ASHISH NANDKUMAR	TA-66	SURVASE RUSHIKESH SATYAWAN
TA-30	CHANDOLE CHAITANYA GOPAL	TA-67	SURWASE PRATHMESH RAJENDRA
TA-31	CHAVAN ROHAN BAPU	TA-68	SUTAR ANASAR PIRSO
TA-32	DESHMUKH YUVRAJ NAVANATH	TA-69	VANSALE ROHAN ANURATH
TA-33	DHEKANE ABHIJEET RAJABHAU	TA-70	VANSALE ROHIT ANURATH
TA-34	DHOTRE GOVIND RAJU	TA-71	VYAVAHARE RUSHIKESH KRUSHNA
TA-35	DIVATE MAHANTESH SHIVANAND	TA-72	WAGH GAURAV SOMNATH
TA-36	GAIKWAD ROHIT PANDURANG	TA-73	YADAV VISHWAJEET VILAS
TA-37	GHADAGE ABHISHEK TANAJI		

(Prof. Y. B. Surwase)
Course Co-ordinator

H.O.D., Civil Engg. Dept.

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Dept. of Civil. Engg.
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SVERI's COLLEGE OF ENGINEERING PANDHARPUR
DEPARTMENT OF CIVIL ENGINEERING
A.Y. 2022-23 SEM: I
Online Certificate Course on "Introduction to 3-D AUTOCAD Software"
CLASS: T. Y. (CIVIL) DIV: B
Student List

Roll No.	Name of Student	Roll No.	Name of Student
TB-1	BABAR PRIYANKA DYANESHWAR	TB-31	HUGAR TEJAS RAJENDRA
TB-2	BHAKARE AKANKSHA D	TB-32	JADHAV KARAN MADHUKAR
TB-3	DUBAL SHARADA MOHAN	TB-33	JADHAV PRASHANT JYOTIRAM
TB-4	DUMDE SAJIYA NURODDIN	TB-34	KAMALE PRATHMESH GANESH
TB-5	GAWALI RUTUJA BIBHISHAN	TB-35	KAMBLE SUDIP AVINASH
TB-6	GHODAKE SHIVANI DILIP	TB-36	KASABE SUYASH DATTATRAY
TB-7	GODASE ANISHA ARUN	TB-37	KEKAN DASHARATH BUDHAPPA
TB-8	JADHAV VAISHNAVI DHARMARAJ	TB-38	KESARE SANKET NAGNATH
TB-9	KARALE MANASI KANTILAL	TB-39	KHANDAGALE GANESH ANNASO
TB-10	MANDAVE REVATI SANJAY	TB-40	KHILARE SURAJ TUKARAM
TB-11	MANGEDKAR SHRUTI SANJAY	TB-41	KOLEKAR SURAJ TATYASO
TB-12	MORE PRACHI MANOJ	TB-42	KOLI DAULAPPA SHRIMANT
TB-13	PANDIT SMITA NAGESH	TB-43	KULKARNI LAKHAN GURUNATH
TB-14	PATIL AKSHTA DNYANESHWAR	TB-44	LOHAR ROHAN BABURAO
TB-15	SHINDE NISHA HARI	TB-45	LOKHANDE VIJAY DATTATRAY
TB-16	UMBARJE SHUBHANGI C	TB-46	MORE SAMADHAN APPASO
TB-17	ZADE RESHMA BABASO	TB-47	NAGUR SHARANBASAPPA YEGAPPA
TB-18	AGARKHED ADITYA ANIL	TB-48	PATIL DHAIRYASHIL DINESH
TB-19	BADAVE RUPESH RAVINDRA	TB-49	PAWAR SANDEEP TUKARAM
TB-20	BHOSALE RITESH GANESH	TB-50	PHATE SUMIT BANDU
TB-21	BHUSNAR VISHWAJIT DAJI	TB-51	RANDIVE VAIBHAV SURESH
TB-22	CHAVAN KALPESH BABU	TB-52	RATHOD VIJAY NURA
TB-23	CHAVAN NAMDEV PANDURANG	TB-53	SALUNKE ADITYA ANNASAHEB
TB-24	DEVMARE AJIT POPAT	TB-54	SATPUTE KIRANKUMAR BHASKAR
TB-25	DEVMARE DHARMAJI YAMAJI	TB-55	SHELKE DNYANESHWAR NETAJI
TB-26	GAIKWAD AKASH GAUTAM	TB-56	SHENDE MAYUR VISHAL
TB-27	GAVALI TUSHAR SANTOSH	TB-57	SHINDE DEEPAK SAMBHAJI
TB-28	GAVHANE SHRIPAD BHAGWAN	TB-58	VARPE SUNNY NAMDEV
TB-29	GOBBUR VEDANT RAJSHEKHAR	TB-59	WAGHAMARE GANESH DASU
TB-30	GUTTEDAR MANJUNATH L		

(Prof. Y. B. Surwase)
Course Co-ordinator

H.O.D., Civil Engg. Dept.

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Dept. of Civil. Engg.
C.O.E. Pandharpur

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Civil Engineering Department
Certificate Course on "Introduction to 3-D AUTOCAD Software"
CLASS: T. Y. (CIVIL) DIV: A & B A.Y. 2022-23 SEM:I
Attendance Record

Roll No	Name of Student	Date	17/8/2022	18/8/2022	19/8/2022	20/8/2022	22/8/2022	23/8/2022	24/8/2022	25/8/2022
			1	2	3	4	5	6	7	8
TA-1	AMBURE SNEHAL SHANKAR									
TA-2	GHOLVE HARSHADA SUNIL									
TA-3	HONMANE VAISHNAVI VIJAY									
TA-4	INGALE PUJA ANNASAHEB									
TA-5	JADHAV SHWETA HANAMANT									
TA-6	JAHIR PRANALI RAMESH									
TA-7	JAWADE ADISHAKTI ABASAHEB									
TA-8	KADAM ROHINI RAJARAM									
TA-9	KONDHARE BHAGYASHRI RAJABHAU									
TA-10	KORAKE SAKSHI MAHADEV									
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TA-12	MALI MAYURI TUKARAM									
TA-13	PAWAR RUTUJA RAJABHAU									
TA-14	PITALAKE ANKITA SUNIL									
TA-15	SADIGLE RESHMA RAJENDRA									
TA-16	SALGAR MANASI MAHADEV									
TA-17	SHINDE MADHURI RAJARAM									
TA-18	SHINDE POOJA SAHEBRAO									
TA-19	THAKARE SUNAYANA NAGNATH									
TA-20	THENGIL MINAL SURESH									
TA-21	UBALE SAKSHI SUJIT									
TA-22	ATKALE ASHISH RAJU									
TA-23	BAGAL SANKET KALYAN									
TA-24	BAGWAN SHAHID SADIK									
TA-25	BANGALE SURAJ SADASHIV									

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Roll No	Name of Student	Date	17/8/2022	18/8/2022	19/8/2022	20/8/2022	22/8/2022	23/8/2022	24/8/2022	25/8/2022
		M.No	1	2	3	4	5	6	7	8
TA-26	BHATKAR SANUSH SURENDRA		BSS	BSS		BSS	BSS	BSS		BSS
TA-27	BHOSALE KRUSHNA SAMBHAJI									
TA-28	BICHUKALE ROHIT SHAHAJI		B.R.S	BRS	BRS.	B.RS	B.RS		BRS.	B.R.S.
TA-29	BORADE ASHISH NANDKUMAR									
TA-30	CHANDOLE CHAITANYA GOPAL									
TA-31	CHAVAN ROHAN BAPU									
TA-32	DESHMUKH YUVRAJ NAVANATH									
TA-33	DHEKANE ABHIJEET RAJABHAU									
TA-34	DHOTRE GOVIND RAJU									
TA-35	DIVATE MAHANTESH SHIVANAND									
TA-36	GAIKWAD ROHIT PANDURANG									
TA-37	GHADAGE ABHISHEK TANAJI									
TA-38	GHADAGE AKSHAY VIJAY									
TA-39	HUBALE SUYASH YASHWANT									
TA-40	JADHAV HANUMANT BHAGAWAT									
TA-41	JAGTAP VIKRAM NANASAHEB									
TA-42	JETHE RUSHIKESH									
TA-43	KACHARE SUNNY SHIRISH									
TA-44	KADAM VISHAL									
TA-45	KADLASKAR GANESH SUDHIR									
TA-46	KALE ROHIT SUBHASH									
TA-47	KALE VIVEK VILAS									
TA-48	KAMBLE ADITYA DINKAR									
TA-49	KERKAL KHANDERAYA ANKUSH									
TA-50	KHANDAGALE VAIBHAV RAMESH									
TA-51	MASTUD RAVI ANIL									
TA-52	MORE VISHAL BALASO									
TA-53	MURMUTE SHUBHAM SATYAVAN									
TA-54	PATEKAR KEDAR VILAS									
TA-55	PATIL OM ANNASO									
TA-56	PAWAR ADITYA ANANDA									
TA-57	PHATE SURAJ ANNASO									

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Roll No	Name of Student	Date	17/8/2022	18/8/2022	19/8/2022	20/8/2022	22/8/2022	23/8/2022	24/8/2022	25/8/2022
		M. No	1	2	3	4	5	6	7	8
TA-58	PUJARI PRAJWAL GAJANAN									
TA-59	RAUT ADITYA SUNIL									
TA-60	ROPALKAR ATHARV SANJAY									
TA-61	SAKHARE YASH YOGIRAJ									
TA-62	SARAVALE RANJIT DHANANJAY									
TA-63	SHINDE ADESH RAMRAO									
TA-64	SHINDE ANURAG ANIL									
TA-65	SHINDE SANKET DATTATRAYA									
TA-66	SURVASE RUSHIKESH SATYAWAN									
TA-67	SURWASE PRATHMESH RAJENDRA									
TA-68	SUTAR ANASAR PIRSO									
TA-69	VANSALE ROHAN ANURATH									
TA-70	VANSALE ROHIT ANURATH									
TA-71	VYAVAHARE RUSHIKESH KRUSHNA									
TA-72	WAGH GAURAV SOMNATH									
TA-73	YADAV VISHWAJEET VILAS									
TB-1	BABAR PRIYANKA DYANESHWAR									
TB-2	BHAKARE AKANKSHA D									
TB-3	DUBAL SHARADA MOHAN									
TB-4	DUMDE SAJIYA NURODDIN									
TB-5	GAWALI RUTUJA BIBHISHAN									
TB-6	GHODAKE SHIVANI DILIP									
TB-7	GODASE ANISHA ARUN									
TB-8	JADHAV VAISHNAVI DHARMARAJ									
TB-9	KARALE MANASI KANTILAL									
TB-10	MANDAVE REVATI SANJAY									
TB-11	MANGEDKAR SHRUTI SANJAY									
TB-12	MORE PRACHI MANOJ									
TB-13	PANDIT SMITA NAGESH									
TB-14	PATIL AKSHITA DNYANESHWAR									
TB-15	SHINDE NISHA HARI									
TB-16	UMBARJE SHUBHANGI C									
TB-17	ZADE RESHMA BABASO									

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Roll No	Name of Student	Date	17/8/2022	18/8/2022	19/8/2022	20/8/2022	22/8/2022	23/8/2022	24/8/2022	25/8/2022
		M. No	1	2	3	4	5	6	7	8
TB-18	AGARKHED ADITYA ANIL									
TB-19	BADAVE RUPESH RAVINDRA									
TB-20	BHOSALE RITESH GANESH									
TB-21	BHUSNAR VISHWAJIT DAJI									
TB-22	CHAVAN KALPESH BABU									
TB-23	CHAVAN NAMDEV PANDURANG									
TB-24	DEVMARE AJIT POPAT									
TB-25	DEVMARE DHARMAJI YAMAJI									
TB-26	GAIKWAD AKASH GAUTAM									
TB-27	GAVALI TUSHAR SANTOSH									
TB-28	GAVHANE SHRIPAD BHAGWAN									
TB-29	GOBBUR VEDANT RAJSHEKHAR									
TB-30	GUTTEDAR MANJUNATH I.									
TB-31	HUGAR TEJAS RAJENDRA									
TB-32	JADHAV KARAN MADHUKAR									
TB-33	JADHAV PRASHANT JYOTIRAM									
TB-34	KAMALE PRATHMESH GANESH									
TB-35	KAMBLE SUDIP AVINASH									
TB-36	KASABE SUYASH DATTATRAY									
TB-37	KEKAN DASHARATH BUDHAPPA									
TB-38	KESARE SANKET NAGNATH									
TB-39	KHANDAGALE GANESH ANNASO									
TB-40	KHILARE SURAJ TUKARAM									
TB-41	KOLEKAR SURAJ TATYASO									
TB-42	KOLI DAULAPPA SHRIMANT									
TB-43	KULKARNI LAKHAN GURUNATH									
TB-44	LOHAR ROHAN BABURAO									
TB-45	LOKHANDE VIJAY DATTATRAY									
TB-46	MORE SAMADHAN APPASO									
TB-47	NAGUR SHARANBASAPPA YEGAPPA									
TB-48	PATIL DHAIRYASHIL DINESH									
TB-49	PAWAR SANDEEP TUKARAM									

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Roll No	Name of Student	Date	17/8/2022	18/8/2022	19/8/2022	20/8/2022	22/8/2022	23/8/2022	24/8/2022	25/8/2022
		M. No	1	2	3	4	5	6	7	8
TB-50	PHATE SUMIT BANDU									
TB-51	RANDIVE VAIBHAV SURESH									
TB-52	RATHOD VIJAY NURA									
TB-53	SALUNKE ADITYA ANNASAHEB									
TB-54	SATPUTE KIRANKUMAR BHASKAR									
TB-55	SHELKE DNYANESHWAR NETAJI									
TB-56	SHENDE MAYUR VISHAL									
TB-57	SHINDE DEEPAK SAMBHAJI									
TB-58	VARPE SUNNY NAMDEV									
TB-59	WAGHAMARE GANESH DASU									

(Prof. Y. B. Surwase)
Course Co-ordinator

H.O.D., Civil Engg. Dept.
HEAD,
Dept. of Civil. Engg.
C.O.E. Pandharpur

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SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
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(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , NAAC A+, Accredited Institute,
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DEPARTMENT OF CIVIL ENGINEERING

Certificate Course on

"Introduction to 3-D AUTOCAD Software"

A.Y. 2022-23 SEM: I

CLASS: T. Y. (Civil) DIV: A & B

Course Duration: - 17/08/2022 to 25/08/2022

Assessment Procedure:

- **Eligibility Criterion:** A participant who will attend 75 % sessions will be eligible for Final Test.
- **Final Test:** Performance of participant will be assessed on the basis of passing in the Final Test with at least 50% marks.
- Only those participants who meet the passing standard for the assessment will be awarded the certificate.

(Prof. Y. B. Surwase)

Course Coordinator

Head, Civil. Engg. Dept.

HEAD,
Dept. of Civil. Engg.
C.O.E. Pandharpur

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Shri Vithal Education & Research Institute's

College of Engineering,

Pandharpur

Department of Civil Engineering

CERTIFICATE OF PARTICIPATION

***This is to certify that Ms. AMBURE SNEHAL SHANKAR of* SVERI's College of Engineering, Pandharpur has participated and successfully completed Eight Days Certificate Course on "Introduction to 3-D AUTOCAD Software" from 17th Aug. 2022 to 25th NAug. 2023 Organized by Department of Civil Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.**

Prof. Y. B. Survase
Co-ordinator

Dr. P. M. Pawar
Head of Department

Dr. B. P. Ronge
Principal

Shri Vithal Education & Research Institute's

College of Engineering,

Pandharpur

Department of Civil Engineering

CERTIFICATE OF PARTICIPATION

***This is to certify that Ms. GHOLVE HARSHADA SUNIL of* SVERI's College of Engineering, Pandharpur has participated and successfully completed Eight Days Certificate Course on "Introduction to 3-D AUTOCAD Software" from 17th Aug. 2022 to 25th Aug. 2022 Organized by Department of Civil Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.**

Prof. Y. B. Survase
Co-ordinator

Dr. P. M. Pawar
Head of Department

Dr. B. P. Ronge
Principal

Shri Vithal Education & Research Institute's

College of Engineering,

Pandharpur

Department of Civil Engineering

CERTIFICATE OF PARTICIPATION

***This is to certify that Ms. HONMANE VAISHNAVI VIJAY of* SVERI's College of Engineering, Pandharpur has participated and successfully completed Eight Days Certificate Course on "Introduction to 3-D AUTOCAD Software" from 17th Aug. 2022 to 25th Aug. 2022 Organized by Department of Civil Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.**

Prof. Y. B. Survase
Co-ordinator

Dr. P. M. Pawar
Head of Department

Dr. B. P. Ronge
Principal

Shri Vithal Education & Research Institute's

College of Engineering,

Pandharpur

Department of Civil Engineering

CERTIFICATE OF PARTICIPATION

***This is to certify that Mr. BHATKAR SANUSH SURENDRA of* SVERI's College of Engineering, Pandharpur has participated and successfully completed Eight Days Certificate Course on "Introduction to 3-D AUTOCAD Software" from 17th Aug. 2022 to 25th Aug. 2022 Organized by Department of Civil Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.**

Prof. Y. B. Survase
Co-ordinator

Dr. P. M. Pawar
Head of Department

Dr. B. P. Ronge
Principal

Shri Vithal Education & Research Institute's

College of Engineering,

Pandharpur

Department of Civil Engineering

CERTIFICATE OF PARTICIPATION

***This is to certify that Mr. YADAV VISHWAJEET VILAS of* SVERI's College of Engineering, Pandharpur has participated and successfully completed Eight Days Certificate Course on "Introduction to 3-D AUTOCAD Software" from 17th Aug. 2022 to 25th Aug. 2022 Organized by Department of Civil Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.**

Prof. Y. B. Survase
Co-ordinator

Dr. P. M. Pawar
Head of Department

Dr. B. P. Ronge
Principal

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REPORT

The Department of Civil Engineering conducted online **Certificate course** on ***Introduction to 3-D AUTOCAD Software*** **from 17/08/2022 to 25/08/2022**. The resource persons for this certificate course were Mr. R. S. Sathe, Ms. N. V. Mahamuni and Mr. B. M. Malgimani. In this certificate course the student got the detail knowledge about 3-D AUTOCAD Software concepts typically involve the use of advanced technologies, processes, and techniques to improve efficiency, productivity, and quality in drafting of building plan. **Total 132 students of T. Y. Civil participated in this certificate course**. All the faculty members from Civil department worked actively for the successful completion of certificate course.

The Course outcomes for this course are:

1) **Students got knowledge about how to use 3-D AUTOCAD Software.**
2) **Students gained insights into the latest advancements, emerging technologies, and industry best practices, making them well-prepared for the demands of the modern Civil Engineering sector.**

(Prof. Y. B. Surwase)
Course Co-ordinator

H.O.D., Civil Engg. Dept.
HEAD,
Dept. of Civil. Engg.
C.O.E. Pandharpur

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SVERI's
College of Engineering, Pandharpur
Civil Engineering Department

Certificate Course

on

"Sewage system & water supply system using Water GEMS"

Duration- 27/03/2023 to 04/04/2023

Class: L. Y. Div:-A & B

Sem-II

A.Y.: 2022-23

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Date: 21/03/2023

Department of Civil Engineering

NOTICE

All the students of L.Y. B. Tech. (Civil Engineering) are informed to note that, it is compulsory for students of L.Y. B. Tech. to complete Add-on course from A.Y.2022-2023. Accordingly, Department of Civil Engineering has organized **Add on Course** on **"Sewage system & water supply system using Water GEMS"** from **27/03/2023 to 04/04/2023**. Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination.

All the concerned should take note and act accordingly.

(Prof. Y. B. Surwase)
Course Coordinator

Head, Civil. Engg. Dept.

HEAD,
Dept. of Civil. Engg.
C.O.E. Pandharpur

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Ref. No.: COEPR/CIVIL/2022-2023 /132(A) Date:- 21/03/2023

OFFICE ORDER

Following committee has been constituted for Design and Development of Curriculum for **Add on Course "Sewage system & water supply system using Water GEMS"** for L.Y. B.Tech. (Civil Engineering) Semester-I of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Dr. V. S. Kshirasagar	Chairman
2.	Mr. R. P. Jadhav	Member

The above members are requested to design the curriculum for the said Add on Course and submit final copy of the curriculum to the undersigned on or before 25/03/2023.

Please take a note of the same and act accordingly.

Head, Civil Engg. Dept.

HEAD,
Dept. of Civil. Engg.
C.O.E. Pandharpur

Copy to:
1. Prof. Dr. V. S. Kshirasagar
2. Prof. R. P. Jadhav
3. Principal
4. Dean Academics
5. Registrar
6. Office copy

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Department of Civil Engineering

Syllabus for "Sewage system & water supply system using Water GEMS"

Time/Date	10:00 to 12:00	12:00 to 01:00	01:00 to 03:00
Day 1	Introduction to WATER GEMS Course Introduction and Overview	Recess	Understanding Water Distribution Systems
Day 2	Building Your First Water Distribution Model		Data Entry and Network Setup
Day 3	Working with Coordinates and Snap		Using Object Snaps and Grid
Day 4	Running Hydraulic Simulations		Analyzing and Interpreting Results
Day 5	Designing for System Efficiene		Water Quality Simulations
Day 6	Pressure Management and Leak Detectio		Modeling Specialized Components
Day 7	Integrating WATER GEMS with GIS		GIS Data Import and Synchronization
Day 8	Guided Project Work		Course Recap, Q&A, and Certification

(Prof. Y. B. Surwase)
Course Coordinator

Head, Civil Engg. Dept.

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Dept. of Civil. Engg.
C.O.E. Pandharpur

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Resource Persons

1.Dr. V.S.Kshirsagar M.Tech(Civil), Ph.D.

2. Prof.S.P.Padole BE. (Civil), M.Tech. (Structural Engg)

3. Prof. R.P.Jadhav BE.(Civil). M.Tech. (Structural Engg)

Certificate course on

"Sewage system & water supply system using Water GEMS"

27/03/2023 to 03/04/2023

Organized by

Department of Civil Engineering

SVERI
Engineering for Excellence

SVERI's College of Engineering, Pandharpur

Approved by AICTE, New Delhi; NBA Accredited for all eligible UG Programs; Accredited by NAAC;IEI, Kolkata& TCS, Pune. Also Certified by ISO 9001:2015. Affiliated to P. A. H. Solapur University, Solapur.

P.B. No. 54, Gopalpur-Ranjani Road, Gopalpur, Pandharpur-413304, Dist.-Solapur, (Maharashtra) - India

About the Institute

Pandharpur is well known holy place for Lord Shri Vithal temple. It is recognized as Spiritual capital of Maharashtra and popularly known as 'South Kashi' of India. Shri Vithal Education & Research Institute (SVERI) is charitable trust formed by technocrats and established its first project as College of Engineering, Pandharpur in 1998, Approved by AICTE, New Delhi, all eligible UG Programs are NBA Accredited, Accredited by NAAC, The Institution of Engineers (India) Kolkata, & TCS Pune, ISO 9001:2015 Certified Institute, Affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur.

About the Department

The trust continuing its tradition of imparting knowledge to the Students of rural area started the Course of Master of Business Administration in the Academic Year: 2008-09. The MBA Department is one of the leading departments dedicated to provide Excellence for corporate world in the form of competent students. Focusing on overall development and need of the industries, curriculum is designed in such a way that, it will provide blend of theoretical knowledge and practical exposure.

CHIEF PERSON

Prof. Dr. B. P. Ronge
Founder Secretary, SVERI &Principal,
SVERI's College of Engineering, Pandharpur

ADVISORY BOARD

Prof. Suraj B. Ronge (Trustee Member)
Prof. M. M. Pawar (Campus In-Charge)
Dr. P. M. Pawar (Dean, Academics)
Dr. R. R. Gidde (Dean, Administration)
Dr. A.P.Kene (Dean, R & D)
Prof. M.S. Mathapati (Dean, Students')
Prof.S. M. Khomane (Dean, P&CA)
Prof. A. A. Mote (Dean, T&AA)
Dr. D. S. Chaudhari (Dean, APP)

CONVENOR

Dr.P.M.Pawar
Professor & Dean Academics
Head Department of CIVIL

COORDINATORS

Asst. Prof. Y.B. Survase (ybsurvase@coe.sveri.ac.in)

ORGANIZING COMMITTEE

1.Dr. V.S.Kshirsagar (vskshirsagar@coe.sveri.ac.in)

2. Prof. S.P.Padole (sppadole@coe.sveri.ac.in)

3. Prof. R.P.Jadhav (rpjadhav@coe.sveri.ac.in)

SVERI's COLLEGE OF ENGINEERING PANDHARPUR
DEPARTMENT OF CIVIL ENGINEERING
A.Y. 2022-23 SEM: II
Online Certificate Course on "Sewage system & water supply system using Water GEMS"
CLASS: L. Y. (CIVIL) DIV: A
Student List

Roll No.	Name of Student	Roll No.	Name of Student
LA1	BHAGWAT NIKITA VITTHAL	LA39	KAMBLE VIRESHKUMAR RAJU
LA2	BHUSE PRAJAKTA VIJAYKUMAR	LA40	KATKAR SUMIT SHIVAJI
LA3	GOSAVI DNYANESHWARI NAGANATH	LA41	SOELIM KHAN
LA4	JADHAV SHRUTI SHASHIKANT	LA42	KHATAKE ABHISHEK HANUMANT
LA5	KALE AKANKSHA VIKAS	LA43	KOLHE SWAPNIL DASHRATH
LA6	KARANDE GOURI VITTHAL	LA44	KOLI ROHIT RAVINDRA
LA7	KONDUBHAIRY ARPITA JAYANT	LA45	KSHIRSAGAR NIKHIL BALASAHEB
LA8	MAKANDAR ANJUM ANWARSHA	LA46	MADAKANTE PRASHANT UTTAMRAO
LA9	MALI DNYANESHWARI DATTATRAY	LA47	MENDHEKAR SHRINIVAS SHRIDHAR
LA10	MANE PUNAM ANKUSH	LA48	MOHITE MAYUR VILAS
LA11	NIKAM SONALI DINKAR	LA49	MULANI RIYAJ ENNUS
LA12	PATIL SNEHAL MOHAN	LA50	NARALE ROHIT RAJENDRAKUMAR
LA13	MANSI PRASHAR	LA51	PARCHANDE SHIVRAJ NITIN
LA14	SHINDE SONALI RAJESH	LA52	PAWAR ASHUTOSH UTTAM
LA15	THITE TEJASHRI SOMNATH	LA53	PAWAR HARSHVARDHAN DUSHYANT
LA16	URADE PRIYANKA JAMBUWANT	LA54	PUJARI ABHISHEK LAXMAN
LA17	INGALE SHRADDHA BHARAT	LA55	PUJARI UMESH BALASAHEB
LA18	SHRADDHA MAHESH GORE	LA56	RAJGURU SHUBHAM SHIVAJI
LA19	LIMKAR PRAJAKTA VIJAY	LA57	RAUT SACHIN NAGNATH
LA20	ATKALE RUSHIKESH RAMDAS	LA58	RAUT SAMADHAN ARUN
LA21	BAGE PRATHAMESH SUNIL	LA59	ROKADE SACHIN HANMANT
LA22	BHAGWAT SHUBHAM GOURISHANKAR	LA60	SALGAR VISHAL HARI
LA23	BHOSALE SUNIL SATISH	LA61	SHENDE PRATIK PRAMOD
LA24	BHOSALE SUSHANT MANIK	LA62	SHINDE VISHAL PANDURANG
LA25	BODAKE SANKET SAMBHAJI	LA63	SHINGARE YASH DINESH
LA26	DEVAKAR ABHIJIT SURESH	LA64	SULE KETAN SATISH
LA27	DEVMARE MAHAVEER SHANKAR	LA65	TALEKAR MAULI SANJAY
LA28	DHOTRE SHARAD SHANKAR	LA66	SUDAKE AKASH CHANDRAKANT
LA29	DHUMAL YOGESH PANDURANG	LA67	SAKHARE SHIVKUMAR SANJAY
LA30	GAIKWAD HARSHAL JALINDAR	LA68	LUBAL SUYASH HANMANT
LA31	GAIKWAD YOGESH BHAURAO	LA69	DHASADE SWAPNIL VINAYAK
LA32	GARAD YUVRAJ ANIL	LA70	GOSAVI ONKAR LAXMAN
LA33	GHEMAD SWARAJ SAUDAGAR	LA71	PISE SAURABH RAGHUNATH
LA34	JADHAV AKSHAY ABASAHEB	LA72	MULANI ARBAJ RAJU
LA35	JADHAV SACHIN MARUTI	LA73	SAYYAD ASHPAK CHAND
LA36	JADHAV SHRIKANT RANGANATH	LA74	DALAVI SHUBHAM ARVIND
LA37	JAVHERI SURAJ RAJENDRA	LA75	JOSHI SANCHIT GOVIND
LA38	KALE MAHESH DNYANESHWAR	LA76	ADHAVALKAR CHAITANYA MILIND

(Prof. Y. B. Surwase)
Course Co-ordinator

H.O.D., Civil Engg. Dept.

HEAD,
Dept. of Civil. Engg.
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SVERI's COLLEGE OF ENGINEERING PANDHARPUR
DEPARTMENT OF CIVIL ENGINEERING
A.Y. 2022-23 SEM: II
Online Certificate Course on "Sewage system & water supply system using Water GEMS"
CLASS: L. Y. (CIVIL) DIV: B
Student List

Roll No.	Name of Student	Roll No.	Name of Student
LB1	BAGAL GITANJALI TANAJI	LB34	BAGAL RANJIT VIJAY
LB2	BODAKE SAKSHI BHIVAJI	LB35	BANUR PRASAD SANJAYKUMAR
LB3	CHAVAN KSHITIJA VIKAS	LB36	BEDREKAR SUFIYAN SALIM
LB4	CHOUGULE DIPTI BABURAO	LB37	BHOSKAR SAMADHAN DASHARATH
LB5	CHOURE AKANKSHA RAMDAS	LB38	DHOKATE SWAPNIL SHIVAJI
LB6	DABHADE PRIYANKA RAJENDRA	LB39	DONGARE SANGRAM SHAMRAO
LB7	DALAVE PRIYANKA SHANKAR	LB40	GAVADE ABHISHEK DATTATRAY
LB8	DESHMUKH HARSHADA VIJAY	LB41	HONMUTE HARSHANAND GANPAT
LB9	GAPAT ANJALI BALASAHEB	LB42	JADHAV VISHAL DATTATRAY
LB10	GAVANDI SNEHAL SHIVASHARAN	LB43	JADHAV VISHWAJIT BANTU
LB11	GAWADE SAYALI SHIVAJI	LB44	KANADE SHRINATH RAMESH
LB12	GHAYTIDAK SNEHAL NETAJI	LB45	KHATAL SAMADHAN SANDIPAN
LB13	HALANWAR DHANASHREE RAYAPPA	LB46	LANDE UDAY UTTAM
LB14	JADHAV KSHITIJA MAHADEV	LB47	MASKE SHAMSUNDAR SANTOSH
LB15	JADHAV VAISHNAVI LAXMAN	LB48	MORE TEJAS KISAN
LB16	JAGDALE ANKITA ASHOK	LB49	MUJAWAR SHAHID NISAR
LB17	KADAM NEHA BABASAHEB	LB50	MULLA MOHASIN ALLAUDDIN
LB18	KALIBAG CHAITALI SANJAY	LB51	NAIKNAWARE ANIKT BALASAHEB
LB19	KAMBLE VAIBHAVI VISHWANATH	LB52	PATIL NIKHIL NAMDEV
LB20	KATAP SNEHA SHAILENDRA	LB53	PATIL PREM NAGESH
LB21	KHILARE SONALI RAJARAM	LB54	PATIL SHIVAJI SHAHAJI
LB22	KSHIRSAGAR SHWETALI GOVIND	LB55	PATIL SHRINATH RAJESH
LB23	MANE AISHWARYA RAVINDRA	LB56	PATIL SUJEET PRATAPRAO
LB24	PADULE VAISHNAVI SHAHAJI	LB57	RUSHIKESH GAJANAN MORE
LB25	SUDHARANI RAJARAM PATIL	LB58	SALUNKHE RAHUL BHARAT
LB26	PAWAR RAJNANDINI SANTOSHKUMAR	LB59	SATAPUTE AMOL PRAKASH
LB27	SAWANT SONALI MANIK	LB60	SATAV SURAJ SANTOSH
LB28	SHIRKE RUTUJA DNYANESHWAR	LB61	SHAIKH MOBIN SHABBIR
LB29	SONWALKAR AKANKSHA HANMANT	LB62	WAGHMARE KETAN MAHADEO
LB30	TOLBANDE VAISHNAVI JAYKUMAR	LB63	WAGHMARE SARVESH RAMCHANDRA
LB31	VYAVAHARE PRATIKSHA SAHADEV	LB64	ZANJE ABHIJIT DATTU
LB32	AIWALE SUDARSHAN SADASHIV		
LB33	BABAR ROHIT DATTATRAY		

(Prof. Y. B. Surwase)
Course Co-ordinator

H.O.D. Civil Engg. Dept.

HEAD,
Dept. of Civil. Engg
C.O.E. Pandharpur

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SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
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Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

Civil Engineering Department

Certificate Course on "Sewage system & water supply system using Water GEMS"

CLASS: L. Y. (CIVIL) DIV: A & B A.Y. 2022-23 SEM: II

Attendance Record

Roll No	Name of Student	Date	27/3/2022	28/3/2022	29/3/2022	30/3/2022	31/3/2022	01/4/2022	03/4/2022	04/4/2022
			1	2	3	4	5	6	7	8
LA1	BHAGWAT NIKITA VITTHAL		N.V.B	N.V.B	N.V.B	N.V.B	N.V.B	N.V.B	N.V.B	N.V.B
LA2	BHUSE PRAJAKTA VIJAYKUMAR									
LA3	GOSAVI DNYANESHWARI NAGANATH									
LA4	JADHAV SHRUTI SHASHIKANT									
LA5	KALE AKANKSHA VIKAS									
LA6	KARANDE GOURI VITTHAL									
LA7	KONDUBHAIRY ARPITA JAYANT									
LA8	MAKANDAR ANJUM ANWARSHA		A.A.M	AAM		AAM			AAM	
LA9	MALI DNYANESHWARI DATTATRAY									
LA10	MANE PUNAM ANKUSH									
LA11	NIKAM SONALI DINKAR									
LA12	PATIL SNEHAL MOHAN									
LA13	MANSI PRASHAR									
LA14	SHINDE SONALI RAJESH									
LA15	THITE TEJASHRI SOMNATH									
LA16	URADE PRIYANKA JAMBUWANT		P.J.U	P.J.U	P.J.U	P.J.U	P.J.U	P.J.U	P.J.U	P.J.U.
LA17	INGALE SHRADDHA BHARAT									
LA18	SHRADDHA MAHESH GORE									
LA19	LIMKAR PRAJAKTA VIJAY									
LA20	ATKALE RUSHIKESH RAMDAS									
LA21	BAGE PRATHAMESH SUNIL									
LA22	BHAGWAT SHUBHAM GOURISHANKAR									
LA23	BHOSALE SUNIL SATISH									
LA24	BHOSALE SUSHANT MANIK		S.M.B	S.M.B	S.M.B	S.M.B	S.M.B	S.M.B	S.M.B	S.M.B
LA25	BODAKE SANKET SAMBHAJI									

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Roll No	Name of Student	Date	27/3/2022	28/3/2022	29/3/2022	30/3/2022	31/3/2022	01/4/2022	03/4/2022	04/4/2022
		M. No	1	2	3	4	5	6	7	8
LA26	DEVAKAR ABHIJIT SURESH									
LA27	DEVMARE MAHAVEER SHANKAR									
LA28	DHOTRE SHARAD SHANKAR									
LA29	DHUMAL YOGESH PANDURANG									
LA30	GAIKWAD HARSHAL JALINDAR									
LA31	GAIKWAD YOGESH BHAURAO									
LA32	GARAD YUVRAJ ANIL									
LA33	GHEMAD SWARAJ SAUDAGAR									
LA34	JADHAV AKSHAY ABASAHEB									
LA35	JADHAV SACHIN MARUTI									
LA36	JADHAV SHRIKANT RANGANATH									
LA37	JAVHERI SURAJ RAJENDRA									
LA38	KALE MAHESH DNYANESHWAR									
LA39	KAMBLE VIRESHKUMAR RAJU									
LA40	KATKAR SUMIT SHIVAJI									
LA41	SOELIM KHAN									
LA42	KHATAKE ABHISHEK HANUMANT									
LA43	KOLHE SWAPNIL DASHRATH									
LA44	KOLI ROHIT RAVINDRA									
LA45	KSHIRSAGAR NIKHIL BALASAHEB									
LA46	MADAKANTE PRASHANT UTTAMRAO									
LA47	MENDHEKAR SHRINIVAS SHRIDHAR									
LA48	MOHITE MAYUR VILAS									
LA49	MULANI RIYAJ ENNUS									
LA50	NARALE ROHIT RAJENDRAKUMAR									
LA51	PARCHANDE SHIVRAJ NITIN									
LA52	PAWAR ASHUTOSH UTTAM									
LA53	PAWAR HARSHVARDHAN DUSHYANT									
LA54	PUJARI ABHISHEK LAXMAN									
LA55	PUJARI UMESH BALASAHEB									
LA56	RAJGURU SHUBHAM SHIVAJI									
LA57	RAUT SACHIN NAGNATH									

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Roll No	Name of Student	Date	27/3/2022	28/3/2022	29/3/2022	30/3/2022	31/3/2022	01/4/2022	03/4/2022	04/4/2022
		M. No	1	2	3	4	5	6	7	8
LA58	RAUT SAMADHAN ARUN									
LA59	ROKADE SACHIN HANMANT									
LA60	SALGAR VISHAL HARI									
LA61	SHENDE PRATIK PRAMOD									
LA62	SHINDE VISHAL PANDURANG									
LA63	SHINGARE YASH DINESH									
LA64	SULE KETAN SATISH									
LA65	TALEKAR MAULI SANJAY									
LA66	SUDAKE AKASH CHANDRAKANT									
LA67	SAKHARE SHIVKUMAR SANJAY									
LA68	LUBAL SUYASH HANMANT									
LA69	DHASADE SWAPNIL VINAYAK									
LA70	GOSAVI ONKAR LAXMAN									
LA71	PISE SAURABH RAGHUNATH									
LA72	MULANI ARBAJ RAJU									
LA73	SAYYAD ASHPAK CHAND									
LA74	DALAVI SHUBHAM ARVIND									
LA75	JOSHI SANCHIT GOVIND									
LA76	ADHAVALKAR CHAITANYA MILIND									
LB1	BAGAL GITANJALI TANAJI									
LB2	BODAKE SAKSHI BHIVAJI									
LB3	CHAVAN KSHITIJA VIKAS									
LB4	CHOUGULE DIPTI BABURAO									
LB5	CHOURE AKANKSHA RAMDAS									
LB6	DABHADE PRIYANKA RAJENDRA									
LB7	DALAVE PRIYANKA SHANKAR									
LB8	DESHMUKH HARSHADA VIJAY									
LB9	GAPAT ANJALI BALASAHEB									
LB10	GAVANDI SNEHAL SHIVASHARAN									
LB11	GAWADE SAYALI SHIVAJI									
LB12	GHAYTIDAK SNEHAL NETAJI									
LB13	HALANWAR DHANASHREE RAYAPPA									
LB14	JADHAV KSHITIJA MAHADEV									
LB15	JADHAV VAISHNAVI LAXMAN									

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Roll No	Name of Student	Date	27/3/2022	28/3/2022	29/3/2022	30/3/2022	31/3/2022	01/4/2022	03/4/2022	04/4/2022
		M. No	1	2	3	4	5	6	7	8
LB16	JAGDALE ANKITA ASHOK									
LB17	KADAM NEHA BABASAHEB									
LB18	KALIBAG CHAITALI SANJAY									
LB19	KAMBLE VAIBHAVI VISHWANATH									
LB20	KATAP SNEHA SHAILENDRA									
LB21	KHILARE SONALI RAJARAM									
LB22	KSHIRSAGAR SHWETALI GOVIND									
LB23	MANE AISHWARYA RAVINDRA									
LB24	PADULE VAISHNAVI SHAHAJI									
LB25	SUDHARANI RAJARAM PATIL									
LB26	PAWAR RAJNANDINI SANTOSHKUMAR									
LB27	SAWANT SONALI MANIK									
LB28	SHIRKE RUTUJA DNYANESHWAR									
LB29	SONWALKAR AKANKSHA HANMANT									
LB30	TOLBANDE VAISHNAVI JAYKUMAR									
LB31	VYAVAHARE PRATIKSHA SAHADEV									
LB32	AIWALE SUDARSHAN SADASHIV									
LB33	BABAR ROHIT DATTATRAY									
LB34	BAGAL RANJIT VIJAY									
LB35	BANUR PRASAD SANJAYKUMAR									
LB36	BEDREKAR SUFIYAN SALIM									
LB37	BHOSKAR SAMADHAN DASHARATH									
LB38	DHOKATE SWAPNIL SHIVAJI									
LB39	DONGARE SANGRAM SHAMRAO									
LB40	GAVADE ABHISHEK DATTATRAY									
LB41	HONMUTE HARSHANAND GANPAT									
LB42	JADHAV VISHAL DATTATRAY									
LB43	JADHAV VISHWAJIT BANTU									
LB44	KANADE SHRINATH RAMESH									
LB45	KHATAL SAMADHAN SANDIPAN									
LB46	LANDE UDAY UTTAM									

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Roll No	Name of Student	Date	27/3/2022	28/3/2022	29/3/2022	30/3/2022	31/3/2022	01/4/2022	03/4/2022	04/4/2022
		M. No	1	2	3	4	5	6	7	8
LB47	MASKE SHAMSUNDAR SANTOSH									
LB48	MORE TEJAS KISAN									
LB49	MUJAWAR SHAHID NISAR									
LB50	MULLA MOHASIN ALLAUDDIN									
LB51	NAIKNAWARE ANIKT BALASAHEB									
LB52	PATIL NIKHIL NAMDEV									
LB53	PATIL PREM NAGESH									
LB54	PATIL SHIVAJI SHAHAJI									
LB55	PATIL SHRINATH RAJESH									
LB56	PATIL SUJEET PRATAPRAO									
LB57	RUSHIKESH GAJANAN MORE									
LB58	SALUNKHE RAHUL BHARAT									
LB59	SATAPUTE AMOL PRAKASH									
LB60	SATAV SURAJ SANTOSH									
LB61	SHAIKH MOBIN SHABBIR									
LB62	WAGHMARE KETAN MAHADEO									
LB63	WAGHMARE SARVESH RAMCHANDRA									
LB64	ZANJE ABHIJIT DATTU									

(Prof. Y. B. Surwase)
Course Co-ordinator

H.O.D., Civil Engg. Dept.

HEAD,
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C.O.E. Pandharpur

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DEPARTMENT OF CIVIL ENGINEERING

Certificate Course on

"Sewage system & water supply system using Water GEMS"

A.Y. 2022-23 SEM: II

CLASS: L. Y. (Civil) DIV: A & B

Course Duration: - 27/03/2023 to 03/04/2023

Assessment Procedure:

- **Eligibility Criterion:** A participant who will attend 75 % sessions will be eligible for Final Test.
- **Final Test:** Performance of participant will be assessed on the basis of passing in the Final Test with at least 50% marks.
- Only those participants who meet the passing standard for the assessment will be awarded the certificate.

(Prof. Y. B. Surwase)

Course Coordinator

Head, Civil. Engg. Dept.

HEAD,
Dept. of Civil. Engg.
C.O.E. Pandharpur

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CERTIFICATE

This is to certify that,

Ms. BHAGWAT NIKITA VITTHAL

has Participated in Workshop on

"Sewage system & water supply system using Water GEMS"

from on 27th March 2023 to 3rd March 2023 Organized by

Department of Civil Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.

Prof. Y. B. Surwase	**Dr. Dr. P.M.Pawar**	**Prof. Dr. B. P. Ronge**
Co-Ordinator	HOD Civil Engg	Principal

CERTIFICATE

This is to certify that,

Ms. BHUSE PRAJAKTA VIJAYKUMAR

has Participated in Workshop on

"Sewage system & water supply system using Water GEMS"

from on 27th March 2023 to 3rd March 2023 Organized by

Department of Civil Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.

Prof. Y. B. Surwase	**Dr. Dr. P.M.Pawar**	**Prof. Dr. B. P. Ronge**
Co-Ordinator	HOD Civil Engg	Principal

CERTIFICATE

This is to certify that,

Ms. JADHAV SHRUTI SHASHIKANT

has Participated in Workshop on

"Sewage system & water supply system using Water GEMS"

from on 27th March 2023 to 3rd March 2023 Organized by

Department of Civil Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.

Prof. Y. B. Surwase	**Dr. Dr. P.M.Pawar**	**Prof. Dr. B. P. Ronge**
Co-Ordinator	HOD Civil Engg	Principal

CERTIFICATE

This is to certify that,

Mr. KOLHE SWAPNIL DASHRATH

has Participated in Workshop on

"Sewage system & water supply system using Water GEMS"

from on 27th March 2023 to 3rd March 2023 Organized by

Department of Civil Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.

Prof. Y. B. Surwase	**Dr. Dr. P.M.Pawar**	**Prof. Dr. B. P. Ronge**
Co-Ordinator	HOD Civil Engg	Principal

CERTIFICATE

This is to certify that,

Mr. TALEKAR MAULI SANJAY

has Participated in Workshop on

"Sewage system & water supply system using Water GEMS"

from on 27th March 2023 to 3rd March 2023 Organized by

Department of Civil Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.

Prof. Y. B. Surwase	**Dr. Dr. P.M.Pawar**	**Prof. Dr. B. P. Ronge**
Co-Ordinator	HOD Civil Engg	Principal

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REPORT

The Department of Civil Engineering conducted **Certificate course** on ***Sewage system & water supply system using Water GEMS*** **from 27/03/2023 to 04/04/2023.** The resource persons for this certificate course were Dr. V. S. Kshirasagar and Mr. R. P. Jadhav. In this certificate course the student got the detail knowledge about advanced software in sewage system and water supply system design, typically involve the use of advanced technologies, processes, and techniques to improve efficiency, productivity, and quality in sewage and water supply system design operation. **Total 132 students of L. Y. Civil participated in this certificate course.** All the faculty members from civil department worked actively for the successful completion of certificate course.

The Course outcomes for this course are:

1) **Students got knowledge about how to use advanced software for design of sewage and water treatment.**
2) **Students gained insights into the latest advancements, emerging technologies, and industry best practices, making them well-prepared for the demands of the modern Civil Engineering sector.**

(Prof. Y. B. Surwase)
Course Co-ordinator

H.O.D., Civil Engg. Dept.

HEAD,
Dept. of Civil. Engg.
C.O.E. Pandharpur

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SVERI's
College of Engineering, Pandharpur
Department of Master of Business Administration

Certificate Course on Leadership & Management Development

Duration- 2nd Jan to 17th Feb 2023

Class: MBA-I Semester-I
A.Y.: 2022-23

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
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Ref. No.: COEP/MBA/2022-2023/41 (9)

Date:- 19/12/2022

OFFICE ORDER

Following committee has been constituted for Design and Development of Curriculum for **Add on Course 'Leadership & Management Developmet'** for MBA I. (MBA) Semester-I of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Prof.K. B.Patil	Chairman
2.	Prof. S.B. Ronge	Member
3.	Prof. R.R.Yelikar	Member

The above members are requested to design the curriculum for the said Add on Course and submit final copy of the curriculum to the undersigned on or before 24/12/2022.

Please take a note of the same and act accordingly.

(Prof. K. B. Patil)
Head, MBA.

H. O. D.
Master of Business Administration
C. O. E. Pandharpur

Copy to:
1. Prof. S. B. Ronge
2 Prof. M. M. Bhore
3. Prof. P.S. More
4. Principal
5. Dean Academics
6. Registrar
7. Office copy

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Date: 31/12/2022

Department of Master of Business administration

Notice

All the students of MBA I are informed to note that, it is compulsory for students of MBA I to complete Certificate course on Leadership & Management Development from the A.Y.2022-2023. Accordingly, Department of MBA has organized certificate Course on 'Leadership & Management Development' from 2nd Jan2023 to 17th Feb 2023. Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination.

All the concerned should take note and act accordingly.

HOD

Prof. K. B. Patil
H. O. D.
Master of Business Administration
C. O. E. Pandharpur.

Resourse Persons

Mr.Karan B.Patil
BA., MBA, M.Phil, GDC&A (PhD)
(Overview of Leadership And Management Development)

Dr.Rajshekhar R.Yelikar
B.Com., MBA, PhD
(*Introduction to Effective Leadership*)

Dr.Kamal P.Galani
BBA, MBA, NET, PhD
(*The Nature of Management)*

Ms.Minal M.Bhore
B.Pharm., MBA, M.phil (PhD)
(*Leadership And Management)*

Mr.Pravin.S. More
BCA., MBA
(Managerial Traits And Skills)

Mr.Sagar.D. Sarik
B.Com., MBA
(Basic Leadership Skills)

Certificate course on

"Leadership & Management Developmer

2nd Jan- 17th Feb, 2023

Organized by

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

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Engineering for Excellence

SVERI's College of Engineering, Pandharpur

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Accredited by NAAC;IEI, Kolkata& TCS, Pune. Also Certified by ISO 9001:
Affiliated to P.A.H. Solapur University, Solapur.

P.B. No. 54, Gopalpur-Ranjani Road, Gopalpur, Pandharpur-413
Dist.-Solapur. (Maharashtra) - India

About the Institute

Pandharpur is well known holy place for Lord Shri Vithal temple. It is recognized as Spiritual capital of Maharashtra and popularly known as 'South Kashi' of India. Shri Vithal Education & Research Institute (SVERI) is charitable trust formed by technocrats and established its first project as College of Engineering, Pandharpur in 1998, Approved by AICTE, New Delhi, all eligible UG Programs are NBA Accredited, Accredited by NAAC, The Institution of Engineers (India) Kolkata, & TCS Pune, ISO 9001:2015 Certified Institute, Affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur.

About the Department

The trust continuing its tradition of imparting knowledge to the Students of rural area started the Course of Master of Business Administration in the Academic Year: 2008-09. The MBA Department is one of the leading departments dedicated to provide Excellence for corporate world in the form of competent students. Focusing on overall development and need of the industries, curriculum is designed in such a way that, it will provide blend of theoretical knowledge and practical exposure.

CHIEF PERSON

Prof. Dr. B. P. Ronge
Founder Secretary, SVERI &
Principal, SVERI'sCollege of Engineering, Pandharpur

ADVISORY BOARD

Prof. Suraj B. Ronge (Trustee Member)
Prof. M. M. Pawar (Campus In-Charge)
Dr. P. M. Pawar (Dean, Academics)
Prof. S. R. Gavali (Dean, Administration)
Dr. R. R. Gidde (Dean, R & D)
Prof. K. B. Patil (Dean, Students')
Prof. A. A. Mote (Dean, P&CA)
Prof. A. A. Jadhav (Dean, T&AA)
Dr. D. S. Chaudhari (Dean, APP)

CONVENOR

Prof. K. B. Patil
Assistant Professor and Head,
Department of Master of Business Administration

COORDINATORS

Assit. Prof. K. P. Kondubhairi (kpkondubhairi@coe.sveri.ac.in

ORGANIZING COMMITTEE

Prof. K. B. Patil
Prof. S.B.Ronge
Prof. R.R.Yelikar

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
COLLEGE OF ENGINEERING, PANDHARPUR.
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Dist. Solapur (Maharashtra) Ph.: (02186)225083, Fax: (02186)225082
(Approved by AICTE, New Delhi and affiliated to Solapur University, Solapur)
E-mail :- coe_pan@rediffmail.com

Ref.No: COE/MBA/2022-23/ 51

Date: 20/12/2022

Department of Master of Business Administration

To,

Prof. S. B. Ronge

SVERI's COE,

MBA, Department,

Pandharpur.

Subject: About syllabus setting for Certificate Course on Leadership & Management Development

Respected Sir,

You are requested to design syllabus of MBA I class for Certificate course **Leadership & Management Development.** Submit syllabus copy to program coordinator Prof. K.P. Kondubhairi on or before 24/12/2022.

Kindly take note of this and act accordingly.

Thanking you,

Yours Faithfully

HOD
(Prof. K.B Patil)

Program Coordinator
(Prof. K.P.Kondubhairi)

H. O. D.
Master of Business Administration

Leadership & Management Development Syllabus:

1. **Overview of Leadership And Management Development**
   - Definition of leadership
   - Leadership vs. management Introduction to Effective Leadership
2. **Introduction to Effective Leadership**
   - How successful leaders behave?
   - How to improve your leadership skills?
   - Leadership is a complex process, full of challenges
   - Learn that Leadership qualities tend to be behavioral in nature, are difficult to learn, and are difficult to measure
   - How to get the best out of yourself and others
   - Learn the six element of leadership and management skills
   - How to set goal and focus on it
   - What is the accurate use of language
   - Recognize the difference between critic and cynic • Develop your top opinions
3. **The Nature of Management**
   - Recognize the typical activities, roles, and responsibilities belong to managers
   - Prepare yourself for the challenges and problems faced in your day-to-day job
   - Develop techniques to cope with the pressures you face
   - Recognize the differences between management and leader roles
4. **Leadership And Management**
   - Authority vs. responsibility
   - Delegation responsibilities
   - Roles and relationships
   - Manger serving as a leader
   - Becoming a leader; bridging the gap
5. **Managerial Traits And Skills**
   - Develop skills and traits to effective leadership
   - Enhance your understanding of managerial and leadership behaviors
   - Traits and skills are subject to change based on organizational type, size, location, etc
   - Different skills and traits can affect management performance
   - Develop time management skill
   - Get comfortable with "deadline pressure" and "value"
   - Learn how to prioritize work based on its value and deadline pressure
   - Distinguish between being "busy" and being "productive"
   - Get ready for interruptions and distractions
   - Learn proper delegation
6. **Basic Leadership Skills**
   - Experience, the best teacher
   - Effective communication skills
   - Learn to be assertive
   - Feedback is important
   - The importance of developing relationships with peers and superiors

- Develop an improved understanding of goal setting
- Learn traits to increase strategy, people management, and execution
- Develop strategies to handle difficult people
- Prepare your message in advance
- Reasons vs excuses
- When to compromise
- How to make action plan

SVERI's College of Engineering, Pandharpur
Department of MBA
Attendance of MBA-I Semester-I
Leadership & Management Development

Roll No.	Name of the Student	DATE	02/01	03/01	04/01	05/01	06/01	07/01	08/01	09/01	10/01	11/01
1	APRE SHRAVANI VISHNU											
2	BANDGAR SACHIN SHRIMANT											
3	BANDPATTE AVINASH SURESH											
4	BANDPATTE RENUKA SANTOSH											
5	BANKAR KRANTI SADASHIV											
6	BANKAR SAMADHAN MOHON											
7	BARAVE RUSHIKESH SIDDHESHWAR											
8	BARGIR JAMIR YASIN											
9	BUDHUKH SIDDHI SANJAY											
10	CHAVAN KISHOR ASHOK											
11	CHAVAN VAIBHAV BHOLENATH											
12	CHAVARE MONALI DHARMA											
13	DESHMUKH SIDDHI PRATAPRAO											
14	DHNWADE AKSHATA SURYAKANT											
15	DUBAL PIYUSH BIBHISHAN											
16	GAIKWAD SANJAY SATISH											
17	GAME PALLAVI DIGAMBAR											
18	GHOGARE SHIVANI SUBHASH											
19	ISARGUNDE BANSIDHA BABURAO											
20	JOSHI SIDDHI PRAKASH											
21	KADAM DIPALI RAJKUMAR											
22	KADAM PRIYANKA DHANESH											
23	KALE PRIYANKA RAJENDRA											
24	KAMBLE PRAJAKTA GUNDIBA											
25	KATKAMWAR SADHANA KISHOR											
26	KHADAKE PALLAVI BHAGWAN											
27	KHARAT YOGESH DADASAHEB											
28	KOLI MANGESH MAHADEV											
29	KULKARNI MADHURA PRADEEP											

30	KULKARNI PRATHAMESH PRADEEP										
31	KULKARNI PRATIKSHA ANANT										
32	KUMBHAR VAISHNAVI GANPAT										
33	LANDGE ROHIT RAMESH	R.P.L	R.P.L	R.P.L	R.P.L	R.P.L	AB	R.P.L	R.P.L	R.P.L	AB
34	LOKHANDE MANGESH KAILAS			AB					AB		
35	MALI PRADNYA RAMAKANT										
36	MANE RADHIKA CHANDRAKANT										
37	MESHRAM NIKHIL RAJU										
38	MOGALE SANKET SANJAY										
39	MOHITE ROHAN HARIBHAU	R.H.M	R.H.M	R.H.M	A.H.M	R.H.M	R.H.M	R.H.M	A.H.M	R.H.M	R.H.M
40	MORE AKASH SATISH	MAS	MAS	MAS	MAS	MAS	MAS	MAS	MAS	MAS	MAS
41	MURAGUNDE SUPRIYA BABURAO						AB			AB	AB
42	NAGANE PUNAM DADASAHEB						AB				
43	NALAVADE ASMITA BALASO										
44	NAWALE PRAKASH JYOTIRAM										
45	PARASE NITIN LAXMAN										
46	PARVE SACHIN DEVIDAS										
47	PATEL SANIYA AJIMSHAH	AB			AB						AB
48	PATIL ONKAR VILAS	AB					AB		AB		
49	PATIL POOJA RAHUAL										
50	PAWAR NANASAHEB MURLIDHAR										
51	PAWAR SAKSHI CHANDRAKANT										
52	PAWAR VIJAY SUBHASH										
53	PHALAKE POOJA GANESH										
54	PULI SWARALI RAJENDRA										
55	ROKADE SACHIN DHANAJI	AB					AB				AB
56	SALUNKE RUTWEEK SHIVAJI										
57	SATPUTE PRANIT MAHADEV										
58	SHAHANE GAYATRI SANJAY										
59	SHEMBADE DIKSHA DATTATRAYA										
60	SHENDAGE SHEETAL SUBHASH	AB			AB		AB				
61	SHETPHALKAR SNEHAL SACHIN	AB									AB
62	SHIKHARE ARCHANA BHASKAR										
63	SURVE MAULI NAVANATH	AB			AB		AB				
64	TANGAWADE KETAN SHANKAR	AB				AB					
65	THORAT SUMITRA LALASAHEB										
66	VASEKAR ABHIJITJYOTIBA										
67	VEER SOURABH DHANAJI					AB		AB			
68	WAGH VARSHAKET AUDUMBAR										
69	WAGHMARE AHRAM NETAJI										
70	WANKAR ADITI ABHAYKUMAR										
71	YADAV NAMRATA NAMDEV										

SVERI's College of Engineering, Pandharpur
Department of MBA
Attendance of MBA-I Semester-I
Leadership & Management Development

Roll No.	Name of the Student	DATE	12/01	13/01	15/01	14/01	16/01	17/01	18/01	19/01	20/01
1	APRE SHRAVANI VISHNU										
2	BANDGAR SACHIN SHRIMANT						AB				AB
3	BANDPATTE AVINASH SURESH					AB			AB		
4	BANDPATTE RENUKA SANTOSH										
5	BANKAR KRANTI SADASHIV										
6	BANKAR SAMADHAN MOHON					AB	AB			AB	
7	BARAVE RUSHIKESH SIDDHESHWAR										
8	BARGIR JAMIR YASIN										
9	BUDHUKH SIDDHI SANJAY										
10	CHAVAN KISHOR ASHOK	AB			AB					AB	
11	CHAVAN VAIBHAV BHOLENATH		AB				AB				
12	CHAVARE MONALI DHARMA								AB		
13	DESHMUKH SIDDHI PRATAPRAO										
14	DHNWADE AKSHATA SURYAKANT										
15	DUBAL PIYUSH BIBHISHAN				AB						AB
16	GAIKWAD SANJAY SATISH	S.S.G.	S.S.G.	S.S.G.	S.S.G.	AB	S.S.G.	AB	S.S.G.	AB	S.S.G.
17	GAME PALLAVI DIGAMBAR										
18	GHOGARE SHIVANI SUBHASH										
19	ISARGUNDE BANSIDHA BABURAO				AB	AB					
20	JOSHI SIDDHI PRAKASH									AB	
21	KADAM DIPALI RAJKUMAR										
22	KADAM PRIYANKA DHANESH										
23	KALE PRIYANKA RAJENDRA										
24	KAMBLE PRAJAKTA GUNDIBA										
25	KATKAMWAR SADHANA KISHOR										
26	KHADAKE PALLAVI BHAGWAN						AB				
27	KHARAT YOGESH DADASAHEB								AB	AB	
28	KOLI MANGESH MAHADEV		AB								
29	KULKARNI MADHURA PRADEEP										

30	KULKARNI PRATHAMESH PRADEEP										
31	KULKARNI PRATIKSHA ANANT										
32	KUMBHAR VAISHNAVI GANPAT										AB
33	LANDGE ROHIT RAMESH	R.R.L.	R.R.L.	R.R.L.	R.R.L.	R.R.L.	R.R.L.	R.R.L.	R.R.L.	AB	R.R.L.
34	LOKHANDE MANGESH KAILAS					AB					AB
35	MALI PRADNYA RAMAKANT										
36	MANE RADHIKA CHANDRAKANT										
37	MESHRAM NIKHIL RAJU										
38	MOGALE SANKET SANJAY										
39	MOHITE ROHAN HARIBHAU	R.H.M	R.H.M	R.H.M	R.H.M	R.H.M	R.H.M	R.H.M	R.H.M	R.H.M	R.H.M
40	MORE AKASH SATISH									AB	
41	MURAGUNDE SUPRIYA BABURAO		AB								AB
42	NAGANE PUNAM DADASAHEB		AB								
43	NALAVADE ASMITA BALASO										
44	NAWALE PRAKASH JYOTIRAM										
45	PARASE NITIN LAXMAN										
46	PARVE SACHIN DEVIDAS	AB	AB			AB				AB	
47	PATEL SANIYA AJIMSHAH			AB			AB				
48	PATIL ONKAR VILAS										
49	PATIL POOJA RAHUAL										
50	PAWAR NANASAHEB MURLIDHAR										
51	PAWAR SAKSHI CHANDRAKANT									AB	
52	PAWAR VIJAY SUBHASH										
53	PHALAKE POOJA GANESH										
54	PULI SWARALI RAJENDRA				AB						
55	ROKADE SACHIN DHANAJI					AB			AB	AB	
56	SALUNKE RUTWEEK SHIVAJI										
57	SATPUTE PRANIT MAHADEV										
58	SHAHANE GAYATRI SANJAY										
59	SHEMBADE DIKSHA DATTATRAYA										
60	SHENDAGE SHEETAL SUBHASH	AB	AB	AB							
61	SHETPHALKAR SNEHAL SACHIN	AB									
62	SHIKHARE ARCHANA BHASKAR										
63	SURVE MAULI NAVANATH				AB	AB	AB				
64	TANGAWADE KETAN SHANKAR								AB	AB	AB
65	THORAT SUMITRA LALASAHEB										
66	VASEKAR ABHIJIT JYOTIBA										
67	VEER SOURABH DHANAJI										
68	WAGH VARSHAKET AUDUMBAR										
69	WAGHMARE AHIRAM NETAJI										
70	WANKAR ADITI ABHAYKUMAR										
71	YADAV NAMRATA NAMDEV						AB				

30	KULKARNI PRATHAMESH PRADEEP										
31	KULKARNI PRATIKSHA ANANT										
32	KUMBHAR VAISHNAVI GANPAT										
33	LANDGE ROHIT RAMESH	R.P.L.	R.P.L.	R.P.L.	R.P.L.	R.P.L.	R.P.L.	R.P.L.	R.P.L.	AB	R.P.L.
34	LOKHANDE MANGESH KAILAS					AB					AB
35	MALI PRADNYA RAMAKANT										
36	MANE RADHIKA CHANDRAKANT										
37	MESHRAM NIKHIL RAJU										
38	MOGALE SANKET SANJAY										
39	MOHITE ROHAN HARIBHAU	R.H.M	R.H.M	R.H.M	R.H.M	R.H.M	R.H.M	R.H.M	R.H.M	R.H.M	R.H.M
40	MORE AKASH SATISH										
41	MURAGUNDE SUPRIYA BABURAO										
42	NAGANE PUNAM DADASAHEB										
43	NALAVADE ASMITA BALASO										
44	NAWALE PRAKASH JYOTIRAM										
45	PARASE NITIN LAXMAN										
46	PARVE SACHIN DEVIDAS										
47	PATEL SANIYA AJIMSHAH										
48	PATIL ONKAR VILAS										
49	PATIL POOJA RAHUAL										
50	PAWAR NANASAHEB MURLIDHAR										
51	PAWAR SAKSHI CHANDRAKANT										
52	PAWAR VIJAY SUBHASH										
53	PHALAKE POOJA GANESH										
54	PULI SWARALI RAJENDRA										
55	ROKADE SACHIN DHANAJI										
56	SALUNKE RUTWEEK SHIVAJI										
57	SATPUTE PRANIT MAHADEV										
58	SHAHANE GAYATRI SANJAY										
59	SHEMBADE DIKSHA DATTATRAYA										
60	SHENDAGE SHEETAL SUBHASH										
61	SHETPHALKAR SNEHAL SACHIN										
62	SHIKHARE ARCHANA BHASKAR										
63	SURVE MAULI NAVANATH										
64	TANGAWADE KETAN SHANKAR										
65	THORAT SUMITRA LALASAHEB										
66	VASEKAR ABHIJITJYOTIBA										
67	VEER SOURABH DHANAJI										
68	WAGH VARSHAKET AUDUMBAR										
69	WAGHMARE AHRAM NETAJI										
70	WANKAR ADITI ABHAYKUMAR										
71	YADAV NAMRATA NAMDEV										

SVERI's College of Engineering, Pandharpur
Department of MBA
Attendance of MBA-I Semester-I
Leadership & Management Development

Roll No.	Name of the Student	DATE	21/01	23/01	24/01	25/01	27/01	29/01	30/01	31/01	01/02
1	APRE SHRAVANI VISHNU										
2	BANDGAR SACHIN SHRIMANT										
3	BANDPATTE AVINASH SURESH										
4	BANDPATTE RENUKA SANTOSH										
5	BANKAR KRANTI SADASHIV										
6	BANKAR SAMADHAN MOHON										
7	BARAVE RUSHIKESH SIDDHESHWAR										
8	BARGIR JAMIR YASIN										
9	BUDHUKH SIDDHI SANJAY										
10	CHAVAN KISHOR ASHOK										
11	CHAVAN VAIBHAV BHOLENATH										
12	CHAVARE MONALI DHARMA										
13	DESHMUKH SIDDHI PRATAPRAO										
14	DHNWADE AKSHATA SURYAKANT										
15	DUBAL PIYUSH BIBHISHAN										
16	GAIKWAD SANJAY SATISH										
17	GAME PALLAVI DIGAMBAR										
18	GHOGARE SHIVANI SUBHASH										
19	ISARGUNDE BANSIDHA BABURAO										
20	JOSHI SIDDHI PRAKASH										
21	KADAM DIPALI RAJKUMAR										
22	KADAM PRIYANKA DHANESH										
23	KALE PRIYANKA RAJENDRA										
24	KAMBLE PRAJAKTA GUNDIBA										
25	KATKAMWAR SADHANA KISHOR										
26	KHADAKE PALLAVI BHAGWAN										
27	KHARAT YOGESH DADASAHEB										
28	KOLI MANGESH MAHADEV										
29	KULKARNI MADHURA PRADEEP										

30	KULKARNI PRATHAMESH PRADEEP	P.Pra	P.Pra	P.Pra	P.Pra	P.Pra	P.Pra	P.Pra	P.Pra	P.Pra	P.Pra
31	KULKARNI PRATIKSHA ANANT	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha
32	KUMBHAR VAISHNAVI GANPAT	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi
33	LANDGE ROHIT RAMESH	R.R.L	AB	AB	R.R.L	R.R.L	AB	R.R.L	R.R.L	AB	AB
34	LOKHANDE MANGESH KAILAS	Mangesh	Mangesh	Mangesh	Mangesh	Mangesh	Mangesh	AB	AB	Mangesh	Mangesh
35	MALI PRADNYA RAMAKANT	Pradnya	Pradnya	Pradnya	Pradnya	Pradnya	Pradnya	Pradnya	Pradnya	Pradnya	Pradnya
36	MANE RADHIKA CHANDRAKANT	Radhika	Radhika	Radhika	Radhika	Radhika	Radhika	Radhika	Radhika	Radhika	Radhika
37	MESHRAM NIKHIL RAJU	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
38	MOGALE SANKET SANJAY	Sanket	Sanket	Sanket	Sanket	Sanket	Sanket	Sanket	Sanket	Sanket	Sanket
39	MOHITE ROHAN HARIBHAU	R.H.M	R.H.M	R.H.M	R.H.M	R.H.M	R.H.M	R.H.M	R.H.M	R.H.M	R.H.M
40	MORE AKASH SATISH	2/1/2024	2/1/2024	2/1/2024	2/1/24	AB	AB	AB	AB	2/1/24	2/1/24
41	MURAGUNDE SUPRIYA BABURAO	Mub.	Mub.	Mub.	Mub.	Mub.	Mub.	Mub.	AB	Mub.	Mub.
42	NAGANE PUNAM DADASAHEB	Rohini	Rohini	AB	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini
43	NALAVADE ASMITA BALASO	Akalav	Akalav	AB	Akalav	Akalav	Akalav	Akalav	Akalav	Akalav	Akalav
44	NAWALE PRAKASH JYOTIRAM	Rawale	Rawale	Rawale	Rawale	Rawale	Rawale	Rawale	Rawale	Rawale	Rawale
45	PARASE NITIN LAXMAN	Parase	Parase	Parase	Parase	Parase	Parase	Parase	Parase	Parase	Parase
46	PARVE SACHIN DEVIDAS	Sachin	Sachin	Sachin	AB	Sachin	Sachin	Sachin	Sachin	Sachin	AB
47	PATEL SANIYA AJIMSHAH	Patel.	Patel.	Patel.	Patel.	Patel.	Patel.	Patel.	AB	AB	AB
48	PATIL ONKAR VILAS	Onkar	Onkar	Onkar	Onkar	Onkar	Onkar	Onkar	Onkar	Onkar	AB
49	PATIL POOJA RAHUAL	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
50	PAWAR NANASAHEB MURLIDHAR	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar
51	PAWAR SAKSHI CHANDRAKANT	Sakshi	AB	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi
52	PAWAR VIJAY SUBHASH	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay
53	PHALAKE POOJA GANESH	Phalake	Phalake	Phalake	Phalake	Phalake	Phalake	Phalake	Phalake	Phalake	Phalake
54	PULI SWARALI RAJENDRA	AB	Puli	Puli	Puli	Puli	Puli	Puli	Puli	Puli	Puli
55	ROKADE SACHIN DHANAJI	R.S.D.	R.S.D.	R.S.D.	R.S.D.	R.S.D.	R.S.D.	R.S.D.	R.S.D.	AB	AB
56	SALUNKE RUTWEEK SHIVAJI	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
57	SATPUTE PRANIT MAHADEV	Pranit	Pranit	Pranit	Pranit	Pranit	Pranit	Pranit	Pranit	Pranit	Pranit
58	SHAHANE GAYATRI SANJAY	Shahane	Shahane	Shahane	Shahane	Shahane	Shahane	Shahane	Shahane	Shahane	Shahane
59	SHEMBADE DIKSHA DATTATRAYA	Shem	Shem	Shem	Shem	Shem	Shem	Shem	Shem	Shem	Shem
60	SHENDAGE SHEETAL SUBHASH	Sheetal	Sheetal	Sheetal	AB	Sheetal	Sheetal	AB	Sheetal	Sheetal	Sheetal
61	SHETPHALKAR SNEHAL SACHIN	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
62	SHIKHARE ARCHANA BHASKAR	Shikhare	Shikhare	Shikhare	Shikhare	Shikhare	Shikhare	Shikhare	Shikhare	Shikhare	Shikhare
63	SURVE MAULI NAVANATH	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
64	TANGAWADE KETAN SHANKAR	Ketan	Ketan	Ketan	Ketan	Ketan	Ketan	Ketan	Ketan	AB	AB
65	THORAT SUMITRA LALASAHEB	Sumitra	Sumitra	Sumitra	Sumitra	Sumitra	Sumitra	Sumitra	Sumitra	Sumitra	Sumitra
66	VASEKAR ABHIJITJYOTIBA	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
67	VEER SOURABH DHANAJI	Sourabh	Sourabh	Sourabh	Sourabh	Sourabh	Sourabh	Sourabh	Sourabh	Sourabh	Sourabh
68	WAGH VARSHAKET AUDUMBAR	Varshaket	Varshaket	Varshaket	Varshaket	Varshaket	Varshaket	Varshaket	Varshaket	Varshaket	Varshaket
69	WAGHMARE AHRAM NETAJI	Ahram	Ahram	Ahram	Ahram	Ahram	Ahram	Ahram	Ahram	Ahram	Ahram
70	WANKAR ADITI ABHAYKUMAR	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi	Aditi
71	YADAV NAMRATA NAMDEV	Namrata	Namrata	Namrata	Namrata	Namrata	Namrata	Namrata	Namrata	Namrata	Namrata

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , **NAAC**, Accredited Institute,
Accredited by the Institute of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

Department of Master of Business Administration

Certificate Course on

Leadership & Management Development

A.Y.2022-23 MBA-II Sem-III

Course Duration: ***January 2nd, 2023 to February 17th, 2023.***

Evaluation Criteria:

1. **Eligibility Criteria:** A student who will attend 75% of the sessions will be eligible for Final Test.
2. **Final Test:** Performance of Final test will be assessed on the basis of passing in the Final Test with at least 50% of the Marks.
3. **Only those participants who meet the passing standard for the assessment will be awarded the certificates.**

(Ms. Asst. Prof. K.P. Kondubhairi)
Program Co-coordinator

(Prof. K.B. Patil)
Head, MBA Dept.

Head
Department of Business Administration
C. O. E. Pandharpur

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , **NAAC**, Accredited Institute,
Accredited by the Institute of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

REPORT

The Department of Master of Business Administration conducted a Certificate course on Leadership & Management Development from 02/01/2023 to 17/02/2023. The resource person for this certificate course was Faculty member of MBA department from SVERI's COE, Pandharpur. In this certificate course the student got the detail knowledge about the fundamentals of leadership and management; comprehend how to integrate leadership with business management; and develop your negotiation skills, develop your own leadership style recognize the distinction between leadership and management and how to use both within your organization, set and achieve goals, communicate your point of view with power and persuasion, manage difficult people, manage time and priorities. Total 67 students of MBA-I participated in this certificate course. All the faculty members from MBA department worked actively for the successful completion of certificate course.

The Course outcomes for this course are:

1. Students will learn to practice team leadership through active group participation. They will examine their own and others' intrinsic and extrinsic motivations as leaders.
2. Students will gain a greater understanding of their own personal identities and how their identities shape their leadership and followership as well as how to use their minds, their hearts, their voices, and their ears to constructively engage and collaborate with others.

This course aim at giving a comprehensive understanding to the students.

Coordinator

(Prof. K. P. Kondubhairi)

HOD

(Prof. K. B. Patil)

H. O. D.
Master of Business Administration
C. O. E. Pandharpur.

SVERI
Engineering for Excellence

Shri Vithal Education & Research Institute's
College of Engineering, Pandharpur
Department of Master of Business Administration

Certificate of Participation

This is to certify that Mr./Ms. ***Kadam Dipali Rajkumar*** *from SVERI's COE,Pandharpur has participated and successfully completed Thirteen Days Training Program on* ***Leadership & Management Development*** *organized by Department of Master of Business Administration from January 2, 2023 to February 17, 2023.*

(Prof. K.B.Patil)
HOD

(Prof. Dr. B. P. Ronge)
Principal

SVERI
Engineering for Excellence

Shri Vithal Education & Research Institute's
College of Engineering, Pandharpur
Department of Master of Business Administration

Certificate of Participation

This is to certify that Mr./Ms. ***Chavare Monali Dharma*** *from SVERI's COE,Pandharpur has participated and successfully completed Thirteen Days Training Program on* ***Leadership & Management Development*** *organized by Department of Master of Business Administration from January 2, 2023 to February 17, 2023.*

(Prof. K.B.Patil)
HOD

(Prof. Dr. B. P. Ronge)
Principal

SVERI
Engineering for Excellence

Shri Vithal Education & Research Institute's
College of Engineering, Pandharpur
Department of Master of Business Administration

Certificate of Participation

This is to certify that Mr./Ms. ***Bandgar Sachin Shrimant*** *from SVERI's COE,Pandharpur has participated and successfully completed Thirteen Days Training Program on* ***Leadership & Management Development*** *organized by Department of Master of Business Administration from January 2, 2023 to February 17, 2023.*

(Prof. K.B.Patil)
HOD

(Prof. Dr. B. P. Ronge)
Principal

SVERI
Engineering for Excellence

Shri Vithal Education & Research Institute's
College of Engineering, Pandharpur
Department of Master of Business Administration

Certificate of Participation

This is to certify that Mr./Ms. ***Apre Shravani Vishnu*** *from SVERI's COE,Pandharpur has participated and successfully completed Thirteen Days Training Program on* ***Leadership & Management Development*** *organized by Department of Master of Business Administration from January 2, 2023 to February 17, 2023.*

(Prof. K.B.Patil)
HOD

(Prof. Dr. B. P. Ronge)
Principal

SVERI's
College of Engineering, Pandharpur
Department of Master of Business Administration

Certificate Course
on
Data Science and Artificial Intelligence for Managers and Leaders

Duration- 27th March, 2023 to 20th May, 2023

Class: MBA-II Semester-III
A.Y.: 2022-23

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , **NAAC**, Accredited Institute,
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

Ref. No.: COEP/MBA/2022-2023/ 50(9)

Date:- 23/03/2023

OFFICE ORDER

Following committee has been constituted for Design and Development of Curriculum for **Add on Course 'Data Science & AI for Managers & Leaders'** for MBA II.

(MBA) Semester-III of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Prof.K. B.Patil	Chairman
2.	Prof. S.B. Ronge	Member
3.	Prof. K.P.Galani	Member

The above members are requested to design the curriculum for the said Add on Course and submit final copy of the curriculum to the undersigned on or before 24/03/2023.

Please take a note of the same and act accordingly.

HoD MBA.
(Prof. K. B. Patil)
H. O. D.
Master of Business Administration
C. O. E. Pandharpur

Copy to:
1. Prof. S. B. Ronge
2 Prof. M. M. Bhore
3. Prof. P.S. More
4. Principal
5. Dean Academics
6. Registrar
7. Office copy

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
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Date: 25/03/2023

Department of Master of Business administration

Notice

All the students of MBA II are informed to note that, it is compulsory for students of MBA II to complete Certificate course on Data Science and AI for Managers and Leaders from the A.Y.2022-2023. Accordingly, Department of MBA has organized certificate Course on 'Data Science and AI for Managers and Leaders' from 27th March to 20th May, 2023. Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination.

All the concerned should take note and act accordingly.

HOD MBA

(Prof. K. B. Patil)

H. O. D.
Master of Business Administration
C. O. E. Pandharpur

Resource Persons

Mr.Karan B.Patil
(B.A., MBA, M. Phil, GDC&A, PhD)
Unit: I Introduction to Data Science and AI

Dr.Rajshekhar R.Yelikar
(B.Com, MBA, PhD)
Unit: II Data Collection and Management

Mr.Suraj B.Ronge
(BE,PGDBM,PhD)
Unit: III Exploratory Data Analysis and Visualization

Mr.Pravin S.More
(BCA, MBA)
Unit: IV Machine Learning and Predictive Analytics

Mr.Sagar S.Sarik
(B.Com, MBA)
Unit: V Artificial Intelligence and its Applications

Mr. Amad Ahmad
(B.sc.Agri., MBA)
Unit: VI Ethical and Legal Considerations in Data Science and AI

Ms. K.P.Kondubhairi
(B.Com., MBA)
Unit:VII Strategic Planning for Data Science and AI

Ms. M.M.Bhore
Unit VIII: Hands-on Experience with Data Science and AI Tools

Certificate course on

"Data Science & AI for Managers & Leade

27th March to 20th May 2023

Organized by

Department of Master of Business Administration

SVERI
Engineering for Excellence

SVERI's College of Engineering, Pandharpur

Approved by AICTE, New Delhi; NBA Accredited for all eligible UG Progr
Accredited by NAAC;IEI, Kolkata& TCS, Pune. Also Certified by ISO 9001:
Affiliated to P. A. H. Solapur University, Solapur.

P.B. No. 54, Gopalpur-Ranjani Road, Gopalpur, Pandharpur-41
Dist.-Solapur, (Maharashtra) - India

About the Institute

Pandharpur is well known holy place for Lord Shri Vithal temple. It is recognized as Spiritual capital of Maharashtra and popularly known as 'South Kashi' of India. Shri Vithal Education & Research Institute (SVERI) is charitable trust formed by technocrats and established its first project as College of Engineering, Pandharpur in 1998, Approved by AICTE, New Delhi, all eligible UG Programs are NBA Accredited, Accredited by NAAC, The Institution of Engineers (India) Kolkata, & TCS Pune, ISO 9001:2015 Certified Institute, Affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur.

About the Department

The trust continuing its tradition of imparting knowledge to the Students of rural area started the Course of Master of Business Administration in the Academic Year: 2008-09. The MBA Department is one of the leading departments dedicated to provide Excellence for corporate world in the form of competent students. Focusing on overall development and need of the industries, curriculum is designed in such a way that, it will provide blend of theoretical knowledge and practical exposure.

CHIEF PERSON

Prof. Dr. B. P. Ronge
Founder Secretary, SVERI &Principal,
SVERI's College of Engineering, Pandharpur

ADVISORY BOARD

Prof. Suraj B. Ronge (Trustee Member)
Prof. M. M. Pawar (Campus In-Charge)
Dr. P. M. Pawar (Dean, Academics)
Prof. S. R. Gavali (Dean, Administration)
Dr. R. R. Gidde (Dean, R & D)
Prof. K. B. Patil (Dean, Students')
Prof. A. A. Mote (Dean, P&CA)
Prof. A. A. Jadhav (Dean, T&AA)
Dr. D. S. Chaudhari (Dean, APP)

CONVENOR

Prof. K. B. Patil
Assistant Professor and Head,
Department of Master of Business Administration

COORDINATORS

Prof. K.P. Kondubhairi
Assistant Professor
Department of Master of Business Administration

ORGANIZING COMMITTEE

Prof. S. B. Ronge
Prof. P.S.More
Prof. S.D. Sarik

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
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Ref.No: COE/MBA/2022-23/52 (a)

Date: 20/03/2023

Department of Master of Business Administration

To,

Prof. S. B. Ronge SVERI's COE,

MBA, Department, Pandharpur.

Subject: About syllabus setting for Certificate Course on **Data Science & AI for Managers & Leaders** Respected Sir,

You are requested to design syllabus of MBA II class for Certificate course **'Data Science & AI for Managers & Leaders'.** Submit syllabus copy to program coordinator Prof. K.P. Kondubhairi on or before 24/03/2023.

Kindly take note of this and act accordingly.

Thanking you,

HOD

(Prof. K.B Patil)

H. O. D.
ster of Business Administration
C. O. E., Pandharpur.

Yours Faithfully

Program Coordinator

(Prof. K.P.Kondubhairi)

Data Science & AI for Managers & Leaders

Syllabus:

Module 1: Introduction to Data Science and AI

- Overview of data science and AI concepts
- Importance of data-driven decision making
- Understanding the role of managers and leaders in data-driven organizations

Module 2: Data Collection and Management

- Data collection methods and techniques
- Data quality, cleaning, and preprocessing
- Data governance and privacy considerations

Module 3: Exploratory Data Analysis and Visualization

- Exploratory data analysis techniques
- Data visualization tools and best practices
- Communicating insights through data visualization

Module 4: Machine Learning and Predictive Analytics

- Introduction to machine learning algorithms
- Supervised and unsupervised learning techniques
- Predictive analytics and its applications

Module 5: Artificial Intelligence and its Applications

- Overview of AI technologies (e.g., natural language processing, computer vision)
- AI applications in marketing, finance, operations, and other functional areas
- Real-world examples of AI-driven business transformation

Module 6: Ethical and Legal Considerations in Data Science and AI

- Privacy, security, and legal frameworks related to data science and AI
- Bias, fairness, and transparency in AI algorithms
- Ethical decision-making in data-driven organizations

Module 7: Strategic Planning for Data Science and AI

- Developing a data strategy for organizations
- Identifying opportunities for AI-driven innovation

- Managing change and organizational readiness

Module 8: Hands-on Experience with Data Science and AI Tools

- Introduction to popular data science and AI tools (e.g., Python, R, TensorFlow)
- Hands-on exercises and projects to apply concepts learned

Module 9: Managing Data Science and AI Projects

- Project management methodologies for data science and AI initiatives
- Team composition and roles in data-driven projects
- Evaluating project success and managing risks

Module 10: Future Trends and Challenges in Data Science and AI

- Emerging trends in data science and AI
- Impacts of automation and AI on the workforce
- Ethical considerations in the era of advanced AI technologies

SVERI's College of Engineering, Pandharpur
Department of MBA
Attendance of MBA-II Semester-III
Data Science & AI for Managers & Leaders

Roll NO	Students full Name	Date	27/3	28/3	29/3	31/3	1/4	3/4	4/4	5/4	7/4	8/4
1	Aiwale Uma Pandharinath											
2	Bagal Pooja Bharat											
3	Bagal Rushikesh Shankar											
4	Bendre Rutuja pramod											
5	Bewoor Sameer sudhendra											
6	Bharati Pooja Rajabhau											
7	Burande Chaitali Pandurang											
8	Chavan Pruthviraj Abhiman											
9	Chavan Shubham Sanjay											
10	Chavan Siddheshwar Ashru											
11	Chavare Dnyaneshvaree Dnyaneshvar											
12	Deshmukh Akshay Suresh											
13	Deshpande Nikhil Shashikant											
14	Dixit Pritam Shashikant											
15	Eakmalli Harshada Namdev											
16	Gadade Shital Bandu											
17	Gaikwad Amar Ramesh											
18	Gavhale Sonam Sudhir											
19	Gawali Rohini Kashinath											
20	Ghadage Ganesh Sahebrao											
21	Ghadge Ashwamegh Anil											
22	Ghodke Rajesh Purshotam											
23	Ghodake Akanksha Ajit											
24	Jadhav chaitali pratap											
25	Jadhav Rutuja Bhagwan											
26	Jagatap Ganesh Balasaheb											
27	Joshi samarth Sandeep											
28	KadamPatil Shradha Lalasaheb											
29	Katap Prathamesh Manmath											
30	Kamble Nikita Tanaji											
31	Kamble Shailesh Namdev											
32	Kasgavade Vinod Pandurang											
33	Khandekar Dipali Narayan											
34	Kokate Divya Dhananjay											
35	Kole Shraddha Sudhir											
36	Kulkarni Padmaja Prashant											
37	Kusumade Vijaysinh Shivaji											

38	Lokhande Vijay Balaso										
39	Lubal Pooja Uttam										
40	Magade Rohini Vijay										
41	Mane Vaishnavi Jivan										
42	Manthalkar Aakash Anand										
43	Mantri Kartik Vyankatesh										
44	Maske Dhanshri Namdev										
45	Menthe Siddhartha Rajashekhar										
46	More Aadesh sanjay										
47	More Amit Ankush										
48	More Rukmini Balasaheb										
49	Mulani Fariyal Jahangir										
50	Nalawade Shreya Sudarshan										
51	Nikam Akanksha Pandurang										
52	Pawar Aditya Jotiram										
53	Pawar Prajakta Arun										
54	Pawar rohit anna										
55	Prakshale Mayuri sunil										
56	Pujari Mahesh Mallikarjun										
57	Rupnawar Siddheshwar Balaso										
59	Satvekar Jayshree Mahadeo										
60	Sawanji Shrushti Sanjay										
61	Shinde Amruta Kishor										
62	Tamboli SofiyaSadik										
63	Tirthakar Pratiksha Umakant										
65	Vibhute Shraddha sanjivkumar										
66	Yadav Swapnali Balasaheb										
67	Yadav Makarand Kundlik										
68	Yedage Swati Laxman										
69	Yedage Gowardhan Sitaram										

SVERI's College of Engineering, Pandharpur
Department of MBA
Attendance of MBA-II Semester-III
Data Science & AI for Managers & Leaders

Roll NO	Students full Name	Date										
1	Aiwale Uma Pandharinath											
2	Bagal Pooja Bharat											
3	Bagal Rushikesh Shankar											
4	Bendre Rutuja pramod											
5	Bewoor Sameer sudhendra											
6	Bharati Pooja Rajabhau											
7	Burande Chaitali Pandurang											
8	Chavan Pruthviraj Abhiman											
9	Chavan Shubham Sanjay											
10	Chavan Siddheshwar Ashru											
11	Chavare Dnyaneshvaree Dnyaneshvar											
12	Deshmukh Akshay Suresh											
13	Deshpande Nikhil Shashikant											
14	Dixit Pritam Shashikant											
15	Eakmalli Harshada Namdev											
16	Gadade Shital Bandu											
17	Gaikwad Amar Ramesh											
18	Gavhale Sonam Sudhir											
19	Gawali Rohini Kashinath											
20	Ghadage Ganesh Sahebrao											
21	Ghadge Ashwamegh Anil											
22	Ghodke Rajesh Purshotam											
23	Ghodake Akanksha Ajit											
24	Jadhav chaitali pratap											
25	Jadhav Rutuja Bhagwan											
26	Jagatap Ganesh Balasaheb											
27	Joshi samarth Sandeep											
28	KadamPatil Shradha Lalasaheb											
29	Katap Prathamesh Manmath											
30	Kamble Nikita Tanaji											
31	Kamble Shailesh Namdev											
32	Kasgavade Vinod Pandurang											
33	Khandekar Dipali Narayan											
34	Kokate Divya Dhananjay											
35	Kole Shraddha Sudhir											
36	Kulkarni Padmaja Prashant											
37	Kusumade Vijaysinh Shivaji											

38	Lokhande Vijay Balaso
39	Lubal Pooja Uttam
40	Magade Rohini Vijay
41	Mane Vaishnavi Jivan
42	Manthalkar Aakash Anand
43	Mantri Kartik Vyankatesh
44	Maske Dhanshri Namdev
45	Menthe Siddhartha Rajashekhar
46	More Aadesh sanjay
47	More Amit Ankush
48	More Rukmini Balasaheb
49	Mulani Fariyal Jahangir
50	Nalawade Shreya Sudarshan
51	Nikam Akanksha Pandurang
52	Pawar Aditya Jotiram
53	Pawar Prajakta Arun
54	Pawar rohit anna
55	Prakshale Mayuri sunil
56	Pujari Mahesh Mallikarjun
57	Rupnawar Siddheshwar Balaso
59	Satvekar Jayshree Mahadeo
60	Sawanji Shrushti Sanjay
61	Shinde Amruta Kishor
62	Tamboli SofiyaSadik
63	Tirthakar Pratiksha Umakant
65	Vibhute Shraddha sanjivkumar
66	Yadav Swapnali Balasaheb
67	Yadav Makarand Kundlik
68	Yedage Swati Laxman
69	Yedage Gowardhan Sitaram

SVERI's College of Engineering, Pandharpur
Department of MBA
Attendance of MBA-II Semester-III
Data Science & AI for Managers & Leaders

Roll NO	Students full Name	Date	25/04	26/04	27/04	28/04	29/04	1/05	3/05	4/05	6/05	8/05
1	Aiwale Uma Pandharinath											
2	Bagal Pooja Bharat		PBB	PBB	PBB	AB	PBB	AB	PBB	ABB	PBB	PBB
3	Bagal Rushikesh Shankar								AB		AB	
4	Bendre Rutuja pramod						AB					
5	Bewoor Sameer sudhendra					AB		AB				
6	Bharati Pooja Rajabhau				AB		AB					
7	Burande Chaitali Pandurang											
8	Chavan Pruthviraj Abhiman											
9	Chavan Shubham Sanjay				AB		AB					AB
10	Chavan Siddheshwar Ashru				AB		AB					
11	Chavare Dnyaneshvaree Dnyaneshvar				AB							
12	Deshmukh Akshay Suresh							AB			AB	
13	Deshpande Nikhil Shashikant								AB			
14	Dixit Pritam Shashikant											
15	Eakmalli Harshada Namdev		AB		AB							
16	Gadade Shital Bandu											
17	Gaikwad Amar Ramesh								AB			
18	Gavhale Sonam Sudhir											
19	Gawali Rohini Kashinath											
20	Ghadage Ganesh Sahebrao											
21	Ghadge Ashwamegh Anil										AB	
22	Ghodke Rajesh Purshotam											
23	Ghodake Akanksha Ajit				AB						AB	
24	Jadhav chaitali pratap											
25	Jadhav Rutuja Bhagwan			AB	AB							
26	Jagatap Ganesh Balasaheb		AB				AB					
27	Joshi samarth Sandeep											
28	KadamPatil Shradha Lalasaheb							AB				
29	Katap Prathamesh Manmath											
30	Kamble Nikita Tanaji			AB					AB			
31	Kamble Shailesh Namdev							AB				
32	Kasgavade Vinod Pandurang						AB					
33	Khandekar Dipali Narayan			AB								
34	Kokate Divya Dhananjay											
35	Kole Shraddha Sudhir								AB			
36	Kulkarni Padmaja Prashant											
37	Kusumade Vijaysinh Shivaji		AB	VSK	VSK	VSK	VSK	VSK	AB	VSK	VSK	VSK

38	Lokhande Vijay Balaso										
39	Lubal Pooja Uttam										
40	Magade Rohini Vijay										
41	Mane Vaishnavi Jivan										
42	Manthalkar Aakash Anand										
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50	Nalawade Shreya Sudarshan										
51	Nikam Akanksha Pandurang										
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68	Yedage Swati Laxman										
69	Yedage Gowardhan Sitaram										

SVERI's College of Engineering, Pandharpur
Department of MBA
Attendance of MBA-II Semester-III
Data Science & AI for Managers & Leaders

Roll NO	Students full Name	Date	9/05	10/5	11/5	12/5	13/5	15/5	16/5	17/5	18/5	19/5
1	Aiwale Uma Pandharinath		P	P	P	P	P	P	P	AB	P	P
2	Bagal Pooja Bharat		PBB	PBB	PBB	PBB	PBB	AB	PBB	PBB	PBB	PBB
3	Bagal Rushikesh Shankar		P	P	P	P	P	P	P	P	P	AB
4	Bendre Rutuja pramod		P	P	P	P	P	P	P	P	P	AB
5	Bewoor Sameer sudhendra		P	P	AB	P	P	AB	P	P	P	AB
6	Bharati Pooja Rajabhau		P	P	P	P		P	AB	P	P	P
7	Burande Chaitali Pandurang		P	P	P	P	P	P	P	P	P	P
8	Chavan Pruthviraj Abhiman		P	P	P	P	P		P	P		P
9	Chavan Shubham Sanjay		P	P	P	P	P	P	P	P	P	P
10	Chavan Siddheshwar Ashru		P	P	P	P	P	P	AB	P	P	P
11	Chavare Dnyaneshvaree Dnyaneshvar		P	P	P	P	AB	AB	P	P	AB	P
12	Deshmukh Akshay Suresh		P	P	P	P	P	AB	P	P	P	P
13	Deshpande Nikhil Shashikant		P	P	P	P	P	P	P	P	P	P
14	Dixit Pritam Shashikant		P	P		P	P	P	AB	P	P	P
15	Eakmalli Harshada Namdev		P	P	P	AB	P	P	AB	P	P	P
16	Gadade Shital Bandu		P	P	P	AB	P	P	AB	P	P	P
17	Gaikwad Amar Ramesh		P	P	P	AB	P		P	P	P	P
18	Gavhale Sonam Sudhir		P	P	AB	P		P	AB	P	AB	P
19	Gawali Rohini Kashinath		P	P	P	AB	P		P	P		
20	Ghadage Ganesh Sahebrao		P	P	P	AB	P		P	P	AB	P
21	Ghadge Ashwamegh Anil		P	P	P	P	P	P	P	P	AB	P
22	Ghodke Rajesh Purshotam		P	P	P	P	AB		P	P	AB	P
23	Ghodake Akanksha Ajit		R.P.G.	R.P.G.	AB	R.P.G.	AB	R.P.G.	R.P.G.	R.P.G.	R.P.G.	AB
24	Jadhav chaitali pratap		P	P	P	P	P	AB	P	P	P	P
25	Jadhav Rutuja Bhagwan		P	P	P	P	AB	P	P	P	P	AB
26	Jagatap Ganesh Balasaheb		J.G.B	J.G.B	J.G.B	AB	J.G.B	AB	J.G.B	J.G.B	J.G.B	AB
27	Joshi samarth Sandeep		P	P	P	P	AB	P	P	P	P	P
28	KadamPatil Shradha Lalasaheb		P	P	P	P	AB	P	P	P	P	P
29	Katap Prathamesh Manmath		P	P	P	P	P	P	AB	P	P	P
30	Kamble Nikita Tanaji		P	P	P	P	P	AB	P	P	P	P
31	Kamble Shailesh Namdev		P	P	P	P	P	P	P	P	P	P
32	Kasgavade Vinod Pandurang		P	P	AB	P	AB	P	P	P	P	P
33	Khandekar Dipali Narayan		P	P	P	P	P	P	P	P	P	P
34	Kokate Divya Dhananjay		P	P	P	P	AB	P	P	AB	P	P
35	Kole Shraddha Sudhir		P	P	P	P	P	AB	P	AB	P	P
36	Kulkarni Padmaja Prashant		P	P	P	P	P	P	P	P	P	P
37	Kusumade Vijaysinh Shivaji		VSK	VSK	VSK	VSK	VSK	VSK	VSK	VSK	VSK	VSK AB

38	Lokhande Vijay Balaso										
39	Lubal Pooja Uttam										
40	Magade Rohini Vijay										
41	Mane Vaishnavi Jivan										
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56	Pujari Mahesh Mallikarjun										
57	Rupnawar Siddheshwar Balaso										
59	Satvekar Jayshree Mahadeo										
60	Sawanji Shrushti Sanjay										
61	Shinde Amruta Kishor										
62	Tamboli SofiyaSadik										
63	Tirthakar Pratiksha Umakant										
65	Vibhute Shraddha sanjivkumar										
66	Yadav Swapnali Balasaheb										
67	Yadav Makarand Kundlik										
68	Yedage Swati Laxman										
69	Yedage Gowardhan Sitaram										

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P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur Maharashtra)
Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to Solapur University, Solapur)
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Accredited by the Institute of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

Department of Master of Business Administration

Certificate Course on

Data Science and Artificial Intelligence for Managers & Leaders

A.Y.2022-23 MBA-II Sem-III

Course Duration: ***March 27th, 2023 to May 20th , 2023.***

Evaluation Criteria:

1. **Eligibility Criteria:** A student who will attend 75% of the sessions will be eligible for Final Test.
2. **Final Test:** Performance of Final test will be assessed on the basis of passing in the Final Test with at least 50% of the Marks.
3. **Only those participants who meet the passing standard for the assessment will be awarded the certificates.**

(Ms. Asst. Prof. K.P. Kondubhairi)

Program Co-coordinator

(Prof. K.B. Patil)

Head, MBA Dept.

H. O. D.
Master of Business Administration
C. O. E. Pandharpur

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Certified Institute

REPORT

The Department of Master of Business Administration conducted a Certificate course on ***Data Science and AI for Managers and Leader*** from **27th March, 2023 to 20th May 2023**. The resource person for this certificate course was Faculty member of MBA department from SVERI's COE, Pandharpur. In this certificate course the Participant students gain a comprehensive understanding of data science and AI concepts, including their definitions, applications, and potential impact on various industries. They develop a clear understanding of the key components of data science, such as data collection, preprocessing, analysis, and interpretation, and the role of AI in automating tasks and enabling intelligent systems. Participants recognize the critical role that managers and leaders play in fostering a data-driven culture and driving data-driven decision making within their organizations. They understand the strategic significance of leveraging data and insights to inform decision making, solve complex problems, and gain a competitive advantage. **Total 69 students of MBA-II participated in this certificate course.** All the faculty members from MBA department worked actively for the successful completion of certificate course.

The Course outcomes for this course are:

1. The outcome of the course is that participants acquire a strong
A-driven initiatives.
2. They are equipped to make informed decisions, drive innovation, and create a data-driven culture within their organizations, ultimately contributing to their organization's success in the era of data and AI.

This course aim at giving a comprehensive understanding to the students.

Coordinator

(Prof. K. P. Kondubhairi)

HOD

(Prof. K. B. Patil)

Master of Business Administration
C. O. E. Pandharpur

Shri Vithal Education & Research Institute's
College of Engineering, Pandharpur
Department of Master of Business Administration

Certificate of Participation

This is to certify that Mr./Ms. ***Aiwale Uma Pandharinath*** *from SVERI's COE,Pandharpur has participated and successfully completed Thirteen Days Training Program on* ***Data Science and Artificial Intelligence for Managers & Leaders*** *organized by Department of Master of Business Administration from March 27th, 2023 to May 20th , 2023.*

(Prof. K.B.Patil)
HOD

(Prof. Dr. B. P. Ronge)
Principal

Shri Vithal Education & Research Institute's
College of Engineering, Pandharpur
Department of Master of Business Administration

Certificate of Participation

This is to certify that Mr./Ms. ***Bharati Pooja Rajabhau*** *from SVERI's COE,Pandharpur has participated and successfully completed Thirteen Days Training Program on* ***Data Science and Artificial Intelligence for Managers & Leaders*** *organized by Department of Master of Business Administration from March 27th, 2023 to May 20th , 2023.*

(Prof. K.B.Patil)
HOD

(Prof. Dr. B. P. Ronge)
Principal

Shri Vithal Education & Research Institute's
College of Engineering, Pandharpur
Department of Master of Business Administration

Certificate of Participation

This is to certify that Mr./Ms. ***Katap Prathamesh Manmath*** *from SVERI's COE,Pandharpur has participated and successfully completed Thirteen Days Training Program on* ***Data Science and Artificial Intelligence for Managers & Leaders*** *organized by Department of Master of Business Administration from March 27th, 2023 to May 20th , 2023.*

(Prof. K.B.Patil)
HOD

(Prof. Dr. B. P. Ronge)
Principal

Shri Vithal Education & Research Institute's
College of Engineering, Pandharpur
Department of Master of Business Administration

Certificate of Participation

This is to certify that Mr./Ms. ***Ghadage Ganesh Sahebrao*** *from SVERI's COE,Pandharpur has participated and successfully completed Thirteen Days Training Program on* ***Data Science and Artificial Intelligence for Managers & Leaders*** *organized by Department of Master of Business Administration from March 27th, 2023 to May 20th , 2023.*

(Prof. K.B.Patil)
HOD

(Prof. Dr. B. P. Ronge)
Principal

Shri Vithal Education & Research Institute's
College of Engineering, Pandharpur
Department of Master of Business Administration

Certificate of Participation

This is to certify that Mr./Ms. ***Gawali Rohini Kashinath*** *from SVERI's COE,Pandharpur has participated and successfully completed Thirteen Days Training Program on* ***Data Science and Artificial Intelligence for Managers & Leaders*** *organized by Department of Master of Business Administration from March 27th, 2023 to May 20th , 2023.*

(Prof. K.B.Patil)
HOD

(Prof. Dr. B. P. Ronge)
Principal

Module 1: Introduction to Data Science and AI

Syllabus:

- Overview of data science and AI concepts
- Importance of data-driven decision making
- Understanding the role of managers and leaders in data-driven organizations

1. **Overview of Data Science and AI Concepts:**

Data science is an interdisciplinary field that involves extracting insights, knowledge, and actionable information from data using scientific methods, processes, algorithms, and systems. It combines elements of statistics, mathematics, computer science, and domain expertise to understand and interpret complex data sets.

At its core, data science is concerned with collecting, organizing, analyzing, and interpreting large volumes of data to derive meaningful insights and make data-driven decisions. It employs a combination of exploratory data analysis, statistical modeling, machine learning, and data visualization techniques to uncover patterns, relationships, and trends within data.

1.1. Data science encompasses the following key components:

2. **Data Collection:** Data scientists gather and acquire data from various sources, including databases, sensors, social media platforms, and other relevant sources. They identify the relevant variables and determine the most appropriate methods for data collection.
3. **Data Preprocessing:** Raw data often requires cleaning, filtering, and transforming before analysis. Data scientists perform tasks such as data cleaning, missing value imputation, outlier detection, and feature engineering to prepare the data for analysis.
4. **Exploratory Data Analysis (EDA):** EDA involves visualizing and summarizing data to gain initial insights and identify patterns or anomalies. Data scientists use techniques such as data visualization, descriptive statistics, and data profiling to explore the characteristics and structure of the data.
5. **Statistical Modeling:** Data scientists apply statistical techniques to model relationships within the data and make predictions or estimates. This includes regression analysis, hypothesis testing, time series analysis, and other statistical methods.
6. **Machine Learning:** Machine learning algorithms enable data scientists to develop models that can automatically learn and make predictions or decisions without being explicitly programmed. Supervised learning, unsupervised learning, and reinforcement learning are common types of machine learning used in data science.
7. **Data Visualization:** Effective data visualization is crucial for communicating insights and findings from data analysis. Data scientists use visualizations such as charts, graphs, and interactive dashboards to present complex information in a clear and intuitive manner.

8. **Domain Expertise:** Understanding the specific domain or industry context is essential for data scientists to ask the right questions, identify relevant variables, and interpret the results in a meaningful way. Domain expertise helps ensure that data analysis aligns with the goals and objectives of the organization.

By integrating these components, data science enables organizations to leverage the power of data for decision-making, innovation, process optimization, and gaining a competitive edge in today's data-driven world.

1.2. Key components of data science: data collection, preprocessing, analysis, and interpretation:

The key components of data science include data collection, preprocessing, analysis, and interpretation. Let's explore each of these components in more detail:

1. **Data Collection:** Data collection involves gathering relevant data from various sources, such as databases, sensors, surveys, social media platforms, or other data repositories. Data scientists need to identify the data sources, determine the data variables to be collected, and employ appropriate methods and techniques for data acquisition. Data collection can involve structured data (e.g., databases) or unstructured data (e.g., text, images, videos).

2. **Data Preprocessing:** Once the data is collected, it often needs to be processed and prepared for analysis. Data preprocessing involves cleaning, transforming, and organizing the data to ensure its quality and usability. This step includes tasks such as handling missing values, dealing with outliers, normalizing or scaling variables, and encoding categorical variables. Data preprocessing aims to remove noise and inconsistencies and make the data suitable for further analysis.

3. **Data Analysis:** Data analysis is the core component of data science. It involves applying various statistical and computational techniques to extract meaningful insights from the data. Data scientists use exploratory data analysis (EDA) techniques to understand the data's characteristics, identify patterns, and visualize relationships between variables. They also employ advanced analytical methods such as statistical modeling, machine learning algorithms, or predictive analytics to uncover patterns, make predictions, or identify trends within the data.

4. **Interpretation:** Once the data is analyzed, the results need to be interpreted to extract actionable insights and derive meaningful conclusions. Data scientists interpret the findings and translate them into practical recommendations or decisions. This step involves critically analyzing the results, validating their significance, and considering their implications in the specific business or problem context. Effective interpretation

requires a combination of domain knowledge, analytical expertise, and critical thinking skills.

It is important to note that data science is an iterative and cyclical process, where the components mentioned above often interact and influence each other. The insights and interpretations derived from one analysis may guide further data collection or preprocessing steps, leading to more refined analyses and interpretations.

By following these key components of data science, organizations can make informed decisions, optimize processes, identify opportunities, and gain a competitive advantage in the data-driven landscape.

1.3. Introduction to AI and its relationship to data science

Artificial Intelligence (AI) refers to the development of computer systems that can perform tasks that would typically require human intelligence. AI involves the creation of intelligent machines that can perceive their environment, reason, learn from experience, and make decisions. AI encompasses a broad range of techniques, algorithms, and methodologies that enable machines to simulate human cognitive abilities.

The relationship between AI and data science is significant and interdependent. Data science provides the foundation for AI by supplying the raw material necessary for training AI models and algorithms. Data science focuses on extracting insights from data, while AI leverages those insights to create intelligent systems and automate tasks.

Here are key points highlighting the relationship between AI and data science:

1. **Data as Fuel for AI:** Data science is involved in collecting, preprocessing, and analyzing data to derive insights. AI systems rely heavily on vast amounts of data to learn patterns, make predictions, and perform tasks. Data science provides the necessary data infrastructure and techniques to acquire and process data for AI applications.
2. **Machine Learning:** Machine learning is a subfield of AI that focuses on developing algorithms and models that enable machines to learn and make predictions or decisions based on data. Data science plays a critical role in machine learning by providing the training data, feature engineering, and model evaluation techniques required to build accurate and effective machine learning models.
3. **Data-Driven AI Models:** Data science techniques, such as statistical analysis, regression, and clustering, are used to uncover patterns, relationships, and trends within the data. These insights are then used to develop and refine AI models. Data

science helps in identifying the relevant features and variables to consider when training AI models, ensuring that the models capture the essential information needed for accurate predictions or decision-making.

4. **AI for Data Science Automation:** AI techniques, such as automated machine learning (AutoML) and natural language processing (NLP), are used in data science to automate and streamline various tasks. AI can assist in data preprocessing, feature selection, model selection, and hyperparameter tuning, allowing data scientists to focus on higher-level tasks and interpret the results.
5. **Feedback Loop:** The use of AI models generates additional data, which is fed back into the data science process. The performance and outcomes of AI systems are evaluated using new data, allowing data scientists to refine and improve the models iteratively. Data science provides the framework for monitoring, evaluating, and continuously optimizing AI models based on real-world feedback.
6. **Ethical Considerations:** Data science and AI intersect in addressing ethical considerations. Data science contributes to ethical practices by ensuring data privacy, handling bias in algorithms, and considering ethical implications in data collection and use. AI, on the other hand, presents ethical challenges in areas such as transparency, accountability, and fairness. Both fields collaborate to develop responsible and ethically aligned AI systems.

In summary, data science and AI are tightly interconnected disciplines. Data science provides the foundation of data analysis, while AI leverages the insights gained from data to create intelligent systems. The collaboration between data science and AI is crucial in building robust and effective AI models and enabling organizations to unlock the full potential of data-driven decision-making and automation.

1.4. Types of AI: narrow AI, general AI, and superintelligence:

When discussing the types of Artificial Intelligence (AI), three main categories are often referred to: narrow AI, general AI, and superintelligence. Let's explore each of these types:

1. **Narrow AI (also known as Weak AI):** Narrow AI refers to AI systems designed to perform specific tasks or functions that are limited in scope. These AI systems are highly specialized and excel at specific tasks within well-defined domains. Narrow AI is prevalent in various applications today, such as voice assistants (e.g., Siri, Alexa), recommendation systems, image recognition, and natural language processing. However, narrow AI lacks general intelligence and cannot perform tasks outside their specific domain.
2. **General AI (also known as Strong AI):** General AI aims to possess human-level intelligence and the ability to understand, learn, and apply knowledge across diverse

domains. General AI systems would be capable of performing any intellectual task that a human can do. They would possess reasoning abilities, adapt to new situations, understand natural language, and exhibit problem-solving skills. Achieving true general AI remains an active area of research and development, and its realization is yet to be achieved.

3. **Superintelligence:** Superintelligence refers to AI systems that surpass human intelligence in almost every aspect. Superintelligent systems would possess superior cognitive abilities and significantly outperform humans in various intellectual tasks. These systems would have advanced problem-solving capabilities, immense computational power, and the potential for self-improvement. The concept of superintelligence raises questions regarding its impact on society, ethics, and control, and it is a topic of speculation and debate among researchers and thinkers.

It's important to note that while narrow AI is widely deployed in various applications, the development of general AI and superintelligence is still in the realm of active research and exploration. Achieving general AI and superintelligence raises complex technical, ethical, and philosophical challenges that require careful consideration and responsible development.

These distinctions help contextualize the current state of AI and provide a framework for understanding the potential evolution and capabilities of AI systems.

1.5. Examples of data science and AI applications in various industries:

Data science and AI have found applications in numerous industries, revolutionizing processes, enhancing decision-making, and driving innovation. Here are some examples of data science and AI applications in various sectors:

1. Healthcare:

Predictive analytics to identify patients at high risk of developing certain diseases or complications.
Medical image analysis for diagnosing diseases and detecting anomalies in X-rays, MRIs, and CT scans.
Natural language processing (NLP) for extracting insights from medical literature and electronic health records.
Personalized medicine and drug discovery through genomic data analysis.

2. Finance:

Fraud detection and prevention using anomaly detection algorithms and machine learning models.
Credit scoring and risk assessment for loan approvals and financial services.
Algorithmic trading and investment strategies based on predictive analytics and market data analysis.

Customer segmentation and personalized recommendations for banking and insurance products.

3. **Retail and E-commerce:**

Recommender systems for personalized product recommendations based on user preferences and purchase history.

Demand forecasting to optimize inventory management and supply chain operations.

Price optimization and dynamic pricing strategies based on market trends and customer behavior analysis.

Customer sentiment analysis from social media and reviews to improve customer experience.

4. **Manufacturing and Supply Chain:**

Predictive maintenance to identify equipment failures and optimize maintenance schedules.

Supply chain optimization, including demand forecasting, inventory management, and logistics optimization.

Quality control using image recognition and machine learning techniques.

Predictive analytics for optimizing production processes and reducing downtime.

5. **Transportation and Logistics:**

Route optimization for fleet management and delivery operations.

Demand forecasting for ride-sharing services and public transportation planning.

Predictive maintenance for vehicle fleets and transportation infrastructure.

Traffic analysis and congestion prediction to improve urban mobility.

6. **Energy and Utilities:**

Energy consumption forecasting for efficient resource allocation and demand planning.

Smart grid optimization and energy management based on real-time data analysis.

Predictive maintenance for energy infrastructure and equipment.

Energy fraud detection and anomaly detection in power usage patterns.

These examples represent just a fraction of the applications of data science and AI across industries. Virtually every sector can leverage data-driven insights and AI technologies to gain a competitive edge, enhance operational efficiency, and deliver better products and services to customers.

2. Importance of Data-Driven Decision Making:

Data-driven decision making refers to the practice of using data, analysis, and insights to guide and inform decision-making processes. It emphasizes the reliance on empirical evidence and objective information rather than relying solely on intuition or subjective judgment. Here are several reasons highlighting the importance of data-driven decision making:

1. Objective and Evidence-Based:

Data-driven decision making provides an objective and evidence-based approach to decision making. It reduces the reliance on personal biases and gut feelings, ensuring that decisions are grounded in factual information and empirical evidence. By using data, organizations can

make more informed and objective decisions, minimizing the risk of making decisions based on incomplete or inaccurate information.

2. **Improved Accuracy and Precision:**

Data-driven decision making enables organizations to analyze large volumes of data and extract meaningful insights. This allows for a more accurate understanding of the current state of affairs, customer behavior, market trends, and other relevant factors. By relying on data, organizations can make decisions with greater precision and reduce the likelihood of errors or misjudgments.

3. **Identification of Patterns and Trends:**

Data-driven decision making enables organizations to identify patterns, trends, and relationships within their data. By analyzing historical and real-time data, organizations can uncover insights that might not be apparent through conventional methods. This allows for the identification of opportunities, risks, and emerging trends, which can inform strategic decisions and business planning.

4. **Risk Mitigation:**

Data-driven decision making helps organizations assess and mitigate risks more effectively. By analyzing historical data and identifying risk factors, organizations can develop predictive models or risk assessment frameworks to anticipate potential challenges or threats. This proactive approach allows organizations to take appropriate measures to minimize risks, optimize resource allocation, and respond to potential disruptions in a timely manner.

5. **Agility and Adaptability:**

In today's fast-paced and dynamic business environment, organizations need to be agile and adaptable. Data-driven decision making provides the agility required to respond quickly to changing market conditions, customer preferences, and competitive landscapes. By continuously monitoring and analyzing data, organizations can make data-driven decisions that enable them to pivot, innovate, and stay ahead of the competition.

6. **Performance Monitoring and Evaluation:**

Data-driven decision making allows organizations to monitor and evaluate the outcomes of their decisions. By establishing key performance indicators (KPIs) and tracking relevant metrics, organizations can assess the effectiveness and impact of their decisions over time. This feedback loop enables continuous improvement and course correction, ensuring that decisions align with organizational goals and yield the desired outcomes.

7. **Competitive Advantage:**

Organizations that embrace data-driven decision making gain a competitive advantage in their respective industries. By leveraging data and analytics, organizations can uncover insights and opportunities that others might overlook. Data-driven decision making enables organizations to optimize operations, enhance customer experiences, personalize offerings, and innovate more effectively, setting them apart from their competitors.

In summary, data-driven decision making empowers organizations to make informed, objective, and strategic decisions. It enhances accuracy, enables risk mitigation, fosters agility, and drives competitive advantage. By leveraging data and analytics, organizations can navigate complexities, capitalize on opportunities, and drive growth in today's data-driven world.

3. Understanding the role of managers and leaders in data-driven organizations:

Managers and leaders play a crucial role in driving and harnessing the power of data in data-driven organizations. Here are some key aspects of their role:

1. **Strategic Decision-Making:** Managers and leaders use data and insights to inform strategic decision-making. They identify key business questions or challenges and determine how data can provide relevant information and support in addressing those issues. They actively participate in defining the organization's data strategy, setting goals, and aligning data initiatives with broader business objectives.
2. **Data-Driven Culture:** Managers and leaders create a data-driven culture within the organization. They foster an environment where data is valued, and decisions are based on evidence rather than assumptions. They promote data literacy across the organization, ensuring that employees understand the importance of data, have access to relevant data, and are empowered to use data in their decision-making processes.
3. **Resource Allocation:** Managers and leaders allocate resources effectively to support data initiatives. They identify the necessary tools, technologies, infrastructure, and talent required to collect, store, analyze, and interpret data. They ensure that data-related projects and activities receive appropriate funding, staffing, and support to maximize their potential impact on the organization's goals.
4. **Collaboration and Cross-Functional Integration:** Managers and leaders foster collaboration between different teams and departments to leverage the full potential of data. They facilitate communication and knowledge sharing between data scientists, analysts, IT professionals, and business stakeholders. They promote cross-functional integration to ensure that data insights are effectively integrated into decision-making processes throughout the organization.

5. **Ethical and Responsible Data Use:** Managers and leaders understand the ethical and legal implications of data use. They ensure that data collection, storage, and analysis adhere to relevant regulations and ethical guidelines. They establish data governance frameworks to protect data privacy, security, and confidentiality. They promote transparency and accountability in data-driven practices, ensuring that the organization operates with integrity and respects individuals' rights and interests.
6. **Change Management:** Managers and leaders drive organizational change associated with adopting data-driven practices. They manage resistance to change, communicate the benefits and value of data-driven approaches, and provide training and support to employees as they adapt to new ways of working. They champion a culture of continuous learning and improvement, encouraging experimentation, and embracing data-driven insights to drive innovation and organizational growth.
7. **Performance Monitoring and Evaluation:** Managers and leaders establish metrics and key performance indicators (KPIs) to measure the success of data-driven initiatives. They monitor progress, track the impact of data initiatives on business outcomes, and adjust strategies and actions based on the feedback and insights gained from data analysis. They ensure that data-driven efforts are aligned with organizational objectives and drive measurable value.

Overall, managers and leaders play a pivotal role in championing data-driven practices, fostering a data-driven culture, and leveraging data to make informed decisions, drive innovation, and achieve strategic goals in modern organizations.

SVERI's

College of Engineering, Pandharpur

Master of Computer Applications

Certificate Course

On

"Fundamental of C and C++"

Duration – 05th June to 09th June 2023

Class : FY MCA

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Date:25/05/2023

Department of Master of Computer Applications

NOTICE

All the students of FY MCA are informed to note that, Certificate Course is compulsory for students of FY MCA. to complete the Add-on course from A.Y.2022-2023. Accordingly, Department of MCA has organized a Certificate **Course** on **'Fundamental of C and C++'** from **05th June 2023 to 09th June 2023.**

Students should take note of the curriculum, examination pattern, etc. of the said course. Regular attendance for the lectures of said course will ensure satisfactory performance in the final examination.

All the concerned should take note and act accordingly.

(Ms. P. M. Thakre)
Program Coordinator

(Mr. M. Y. Shaikh)
Head MCA Dept.

Head of Department
Master of Comp. Applications
SVERI's College of Engineering
Pandharpur.

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CONTACT US

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ORGANIZED BY

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

05/06/2023 TO
09/06/2023

ABOUT THE INSTITUTE

Pandharpur is well known holy place for Lord Shri Vithal
temple. It is recognized as Spiritual capital of Maharashtra and
popularly known as 'South Kashi' of India. Shri Vithal
Education & Research Institute (SVERI) is charitable trust
formed by technocrats and established its first project as
College of Engineering, Pandharpur in 1998, Approved by
AICTE, New Delhi, all eligible UG Programs are NBA
Accredited, Accredited by NAAC, The Institution of Engineers
(India) Kolkata, & TCS Pune, ISO 9001:2015 Certified
Institute, Affiliated to Punyashlok Ahilyadevi Holkar Solapur
University, Solapur.

WE CULTIVATE GREATNESS BY CREATING THE BEST LEARNING ENVIRONMENT

TOPICS TO BE COVERED

Introduction of C programing.
Introduction of C++ programming.
Using function.
Matrices.
Pointers
Memory allocation. etc

CERTIFICATE COURSE ON "FUNDAMENTALS OF C AND C++"

CHIEF PATRON

Prof. Dr. B. P. Ronge
Founder Secretary, SVERI
&

Principal, SVERI'sCollege of Engineering, Pandharpur

RESOURCE PERSONS

Mr. Ankush Shendge

COORDINATORS

Prof Ms P. M. Thakre

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Ref. No.: COEPR/MCA/2022-2023 Date:25/05/2023

OFFICE ORDER

Following committee has been constituted for Design and Development of Curriculum for **Certificate Course 'Fundamental of C and C++'** for FY MCA. Semester-II of Academic Year: 2022-2023.

Sr. No.	Name of Faculty Member	Particular
1.	Mr. Ankush Shendge	Resource Person
2.	Prof. Ms. P. M. Thakre	Member

The above members are requested to design the curriculum for the said Certificate Course and submit final copy of the curriculum to the undersigned on or before 01/06/2023.

Please take a note of the same and act accordingly.

Head, MCA Dept.

Head of Department
Master of Computer Applications
SVERI's College of Engineering,
Pandharpur.

Copy to:
1. Mr. Ankush Shendge
2. Prof. Ms. P. M. Thakre
3. Principal
4. Dean Academics
5. Registrar
6. Office copy

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Department of Master of Computer Applications

Syllabus of 'Fundamental of C and C++'

Session 1: Introduction to C and C++

- Data types in C and C++ .
- Format specifiers %d, %i, %f, %lf, %c and %e in C.
- Programs to demonstrate the format specifiers using printf and scanf.
- Escape sequence in C (\n, \t, \\, \', \").
- Program to find whether a number is prime or not.

Session 2. Operator in C

- Program to find sum of series ⇒ ½ + ¾ + ⅜ + ⅞ + —— (add N such terms)
- Print a number in reverse order.
- Find GCD and LCM of 2 integers.
- Explain the ? (ternary operator in C).

Session 3. Break Statement and Loop

- Break and continue statement in C.
- Explain nested for loop.
- Difference between while and do while.
- Switch statement and use of break statement inside switch.

Session 4. Functions in C

- The concept of functions in C.
  I. Return type.
  II. Function name.
  III. Parameters.
  IV. Return statement.
- Find factorial of a number using function.
- Explain library functions and user defined functions.

Session 5. Array and Functions

- Scope of a variable.
- Explain storage class.
- Explain recursive functions.
- Program to find sum of first n numbers using recursion.
- Declaration of array.
- How to store and print values of an array.

• Explain how to pass an array to a function.

Session 6. Dimensional Array
• Declaration of 2 dimensional array.
• How to store and print values in a 2 dimensional array.
• Program to store values in 2 matrices A and B of size m by n. Find sum of the 2 matrices and store the result in 3rd matrix C.
• 2 dimensional array to a function.

Session 7. Char data Type and Pointers
• Explain char data type and concept of ASCII value.
• Explain array of characters.
• Explain to concept of pointers.
• Explain by using small codes (pointer to int, pointer to float, pointer to double, pointer to char).
• Explain dynamic memory allocation using malloc and free functions.

Session 8. Sort Array and Structure
• Sort the array in increasing order and print the sorted array.
• Explain the concept of structure.
• Explain pointer to structure.

Session 9. File Handling
• File handling in C.
• Various file opening modes.
• Explain fgetc() and fputc() to read and write character to a file.
• Explain fscanf and fprintf to read and write strings in a file.
• Explain command line arguments.

Session 10. Data Structures
• Data structures such as array (link list, stack, queue, tree and graph).
• Applications of data structure.
• Compare all the data structures and advantages and disadvantages of data structure.

(Ms. P. M. Thakre)
Program Coordinator

(Mr. M. Y. Shaikh)
Head MCA Dept.

Head of Department
Master of Computer Applications
SVERI's College of Engineering,
Pandharpur

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B. No. 54, Gopalpur - Ranjani Road, Gopalpur, Tal - Pandharpur- 413 304,Dist - Solapur (Maharashtra)
Tel.: 02186-216063, 9503103737, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in
(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. U. Solapur University, Solapur)
NBA Accredited all Eligible UG Programmes and , NAAC, Accredited Institute.
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute

Ref. No.: COEPR/MCA/2022-2023 Date:03/06/2023

Department of Master of Computer Applications

Schedule for certificate on " Fundamental of C and C++" Day wise schedule
From: 05/06/2023 to 09/06/2023

Sr NO.	Day &Date	Time	Contents
1	05/06/2023	10.00am-1.00pm	**Session 1: Introduction to C and C++** • Data types in C and C++ • Format specifiers %d, %i, %f, %lf, %c and %e in C • Programs to demonstrate the format specifiers using printf and scanf • Escape sequence in C (\n, \t, \\, \", \') • Program to find whether a number is prime or not.
		1.00pm-2.00pm Lunch Break	
		2.00pm-5.00pm	**Session 2. Operator in C** • Program to find sum of series ○ ½ + ¾ + ⅝ + ⅞ + ——— (add N such terms) • print a number in reverse order • find GCD and LCM of 2 integers. • Explain the ? (ternary operator in C)
2	06/06/2023	10.00am-1.00pm	**Session 3. Break Statement and Loop** • break and continue statement in C • Explain nested for loop. • difference between while and do while • switch statement and use of break statement inside switch
		1.00pm-2.00pm Lunch Break	
		2.00pm-5.00pm	**Session 4. Functions in C** • The concept of functions in C I. return type II. function name III. parameters IV. return statement • Find factorial of a number using function

			• Explain library functions and user defined functions
3	**07/06/2023**	10.00am-1.00pm	**Session 5. Array and Functions** • Scope of a variable. • Explain storage class • Explain recursive functions • Program to find sum of first n numbers using recursion • Declaration of array. • How to store and print values of an array • Explain how to pass an array to a function
		1.00pm-2.00pm Lunch Break	
		2.00pm-5.00pm	**Session 6. Dimensional Array** • Declaration of 2 dimensional array • How to store and print values in a 2 dimensional array • Program to store values in 2 matrices A and B of size m by n. Find sum of the 2 matrices and store the result in 3rd matrix C • 2 dimensional array to a function
4	**08/06/2023**	10.00am-1.00pm	**Session 7. Char data Type and Pointers** • Explain char data type and concept of ASCII value • Explain array of characters • Explain to concept of pointers • Explain by using small codes (pointer to int, pointer to float, pointer to double, pointer to char) • Explain dynamic memory allocation using malloc and free functions
		1.00pm-2.00pm Lunch Break	
		2.00pm-5.00pm	**Session 8. Sort Array and Structure** • Sort the array in increasing order and print the sorted array. • Explain the concept of structure • Explain pointer to structure
5	**09/06/2023**	10.00am-1.00pm	**Session 9. File Handling** • File handling in C • Various file opening modes • Explain fgetc() and fputc() to read and write character to a file • Explain fscanf and fprintf to read and write strings in a file • Explain command line arguments

		1.00pm-2.00pm Lunch Break	
		2.00pm-5.00pm	**Session 10. Data Structures** • Data structures such as array (link list, stack, queue, tree and graph). • Applications of data structure • Compare all the data structures and advantages and disadvantages of data structure.

(Ms. P. M. Thakre)
Program Coordinator

(Mr. M. Y. Shaikh)
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Department of Master of Computer Applications

Certificate Course On

Fundamental of C and C++

A.Y. 2022-23

Duration – 05th June to 09th June 2023

Class: FY MCA

Evaluation Criteria:

- **Eligibility Criteria:** A participant who will attend 75% session will be eligible for Final Test.
- **Final Test:** Performance of participants will be assessed on the basis of passing in the Final Test with at least 50% marks.
- Only those participants who meet the passing standard for the assessment will be awarded the certificate.

(Ms. P. M. Thakre)
Program Coordinator

(Mr. M. Y. Shaikh)
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Report

Objectives:

1. Understanding Syntax and Structure: Learn the basic syntax and structure of C and C++ programs, including variables, data types, operators, and control flow constructs.
2. Memory Management: Explore memory allocation and deallocation concepts in C and C++, including stack and heap memory, pointers, and dynamic memory allocation.
3. Functions and Modularity: Understand how to create and use functions in C and C++ for code modularity, reusability, and better organization.
4. Data Structures: Learn about fundamental data structures such as arrays, linked lists, stacks, and queues, and how to implement them in C and C++.

Outcome:

1. Basic Syntax Proficiency: Demonstrate an understanding of the basic syntax, structure, and rules governing C and C++ programs.
2. Variable and Data Type Mastery: Identify and use variables and data types, including integers, floating-point numbers, characters, and user-defined data types.
3. Control Flow Competence: Implement control flow structures such as loops (for, while, do-while) and conditional statements (if, else if, else) to control program execution.
4. Function Proficiency: Create and utilize functions, including defining functions, passing arguments, and returning values, to modularize and reuse code.
5. Memory Management Knowledge: Explain the concepts of stack and heap memory allocation, pointers, and dynamic memory allocation, and apply them appropriately.
6. Data Structure Implementation: Develop and manipulate fundamental data structures like arrays, linked lists, stacks, and queues in C and C++.
7. Object-Oriented Proficiency (C++): Apply object-oriented programming (OOP) principles, including class and object creation, inheritance, polymorphism, and encapsulation in C++.

Thanking You.

You're faithfully

(Ms. P. M. Thakre)
Program Coordinator

(Mr. M. Y. Shaikh)
Head MCA Dept.

Head of Department
Master of Computer Application
SVERI's College of Engineering
Pandharpur

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
COLLGE OF ENGINEERING, PANDHARPUR.
Department of Master of Computer Applications
Academic Year 2022-23 FY MCA (Sem 2)
Workshop on "Fundamentals of C and C++"

Roll No	Name of Students	5/6/2023	6/6/2023	7/6/2023	8/6/2023	9/6/2023
1	Agalave Tejasvi Shashikant					
2	Ashtul Anushree Sharad					
3	Bankar Vaishnavi Ravindra					
4	Bhosale Asavari Samadhan					
5	Bhosale Pooja Arun					
6	Chavan Shamal Vishnu					
7	Chorkar Kajal Babaso					
8	Deshmukh Nikita Netaji					
9	Deshmukh Rutuja Dhanaji					
10	Deshpande Priyanka Dattatray					
11	Dhoble Priyanka Shukracharya					
12	Gajul Nikita Balaji					
13	Ghadage Bhagyashri Dadaso					
14	Ghadage Pranjali Pandit					
15	Ghadage Sanchita Santosh					
16	Ingale Samruddhi Rajkumar					
17	Jakkan Apurva Madhukar					
18	Kadam Chaitrali Rajkumar					
19	Katikar Mayuri Ashok					
20	Mane Priyanka Vilas					
21	Mane Prajakta Tanaji					
22	Mulani Saniya Lalasaheb					
23	Shaikh Nuseba Afzal					
24	Shinde Gitanjali Gorakh					
25	Warkare Ankita Santosh					
26	Adgale Ajay Mahadev					
27	Bagal Karan Chandrakant					
28	Bagale Karan Gourishankar					
29	Bansode Yogesh Yashwant					
30	Bedrekar Umar Farooque Asif					
31	Chalase Sham Sunil					
32	Dandhade Gaurav Pramod					
33	Dethe Mauli Bharat					
34	Gaikwad Rushikesh Vitthal					

SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
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Roll No	Name of Students	5/6/2023	6/6/2023	7/6/2023	8/6/2023	9/6/2023
35	Ganganmale Amol Mahipati					
36	Hegade Balaji Chandrakant					
37	Jadhav Akshay Mahadev					
38	Jadhav Amol Dattatray					
39	Jadhav Ganesh Raghunath					
40	Jannale Aakash Sidram					
41	Jekappa Shidappa Pandare					
42	Joshi Sourabh Ramesh					
43	Kalal Siddharam Shivputra					
44	Kanbaskar Pavan Guruprasad					
45	Karche Dattatray Shamrao					
46	Kokate Ashok Soudagar					
47	Kolape Shubham Navanath					
48	Kore Samarth Subhash					
49	Kulkarni Atharv Rajkumar					
50	Lendave Pradip Bharat					
51	Madhure Rushikesh Shrikant					
52	Malave Vijay Prabhakar					
53	Mamdyal Soham Pankaj					
54	More Pratik Prakash					
55	Mote Ajinkya Sanjay					
56	Mujawar Aalam Aabalal					
57	Navanath Babasaheb Patil					
58	Pawar Prithviraj Ajit					
59	Rokade Aniket Popat					
60	Shinde Onkar Bhausaheb					
61	Shinde Saurav Manoj					
62	Sonkamble Mangesh Sidheshwar					
63	Sutar Akash Manik					
64	Thokane Rushikesh Bhagwanta					
65	Waghmare Rohit Raju					

(Ms. P. M. Thakre)
Program Coordinator

(Mr. M. Y. Shaikh)
HOD MCA Dept
Head of Department
Master of Computer Applications
SVERI's College of Engineering,

Shri Vithal Education & Research Institute's
College of Engineering, Pandharpur

Master of Computer Applications

Organized a workshop on

"FUNDAMENTALS OF C AND C++"

Certificate of Participation

This is to Certify that Mr/Ms. Agalave Tejasvi Shashikant of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfullv attended a Workshop on "FUNDAMENTALS OF C AND C++ from 5th June 2023 to 9th June 2023.

(Mr. M. Y. Shaikh)	*(Dr. B. P. Ronge)*	*(Mr. Ankush Shendge)*
Head of Department	*Principal*	*Resource Person*

Shri Vithal Education & Research Institute's
College of Engineering, Pandharpur

Master of Computer Applications

Organized a workshop on

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Certificate of Participation

This is to Certify that Mr/Ms. Dethe Mauli Bharat of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfullv attended a Workshop on "FUNDAMENTALS OF C AND C++ from 5th June 2023 to 9th June 2023.

(Mr. M. Y. Shaikh)	*(Dr. B. P. Ronge)*	*(Mr. Ankush Shendge)*
Head of Department	*Principal*	*Resource Person*

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Master of Computer Applications

Organized a workshop on

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Certificate of Participation

This is to Certify that Mr/Ms. Gajul Nikita Balaji of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on "FUNDAMENTALS OF C AND C++ from 5th June 2023 to 9th June 2023.

(Mr. M. Y. Shaikh)	*(Dr. B. P. Ronge)*	*(Mr. Ankush Shendge)*
Head of Department	*Principal*	*Resource Person*

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Certificate of Participation

This is to Certify that Mr/Ms. Ghadage Bhagyashri Dadaso of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on "FUNDAMENTALS OF C AND C++ from 5th June 2023 to 9th June 2023.

(Mr. M. Y. Shaikh)	*(Dr. B. P. Ronge)*	*(Mr. Ankush Shendge)*
Head of Department	*Principal*	*Resource Person*

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College of Engineering, Pandharpur

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This is to Certify that Mr/Ms. Kalal Siddharam Shivaputra of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfullv attended a Workshop on "FUNDAMENTALS OF C AND C++ from 5th June 2023 to 9th June 2023.

(Mr. M. Y. Shaikh)	*(Dr. B. P. Ronge)*	*(Mr. Ankush Shendge)*
Head of Department	*Principal*	*Resource Person*

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This is to Certify that Mr/Ms. Mamdyal Soham Pankaj of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfullv attended a Workshop on "FUNDAMENTALS OF C AND C++ from 5th June 2023 to 9th June 2023.

(Mr. M. Y. Shaikh)	*(Dr. B. P. Ronge)*	*(Mr. Ankush Shendge)*
Head of Department	*Principal*	*Resource Person*

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This is to Certify that Mr/Ms. Rokade Aniket Popat of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on "FUNDAMENTALS OF C AND C++ from 5th June 2023 to 9th June 2023.

(Mr. M. Y. Shaikh)	*(Dr. B. P. Ronge)*	*(Mr. Ankush Shendge)*
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This is to Certify that Mr/Ms. Shaikh Nuseba Afzal of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfully attended a Workshop on "FUNDAMENTALS OF C AND C++ from 5th June 2023 to 9th June 2023.

(Mr. M. Y. Shaikh)	*(Dr. B. P. Ronge)*	*(Mr. Ankush Shendge)*
Head of Department	*Principal*	*Resource Person*

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Certificate of Participation

This is to Certify that Mr/Ms. **Sonkamble Mangesh Sidheshwar** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfullv attended a Workshop on "FUNDAMENTALS OF C AND C++ from 5th June 2023 to 9th June 2023.

(Mr. M. Y. Shaikh)	(Dr. B. P. Ronge)	(Mr. Ankush Shendge)
Head of Department	Principal	Resource Person

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College of Engineering, Pandharpur

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Certificate of Participation

This is to Certify that Mr/Ms. **Chorkar Kajal Babaso** of **SVERI's COLLEGE OF ENGINEERING, Pandharpur** has successfullv attended a Workshop on "FUNDAMENTALS OF C AND C++ from 5th June 2023 to 9th June 2023.

(Mr. M. Y. Shaikh)	(Dr. B. P. Ronge)	(Mr. Ankush Shendge)
Head of Department	Principal	Resource Person

Elite

NPTEL Online Certification

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ASAWARI BHIMRAO CHAVAN

for successfully completing the course

Manufacturing Guidelines for Product Design

with a consolidated score of **72** %

Online Assignments	22.46/25	Proctored Exam	49.5/75

Total number of candidates certified in this course: **361**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Feb-Apr 2023
(8 week course)

Priti Maheshwari

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

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This certificate is awarded to

ASABE AVANTIKA MAHESH

for successfully completing the course

Manufacturing Guidelines for Product Design

with a consolidated score of **78** %

Online Assignments	22.88/25	Proctored Exam	55.5/75

Total number of candidates certified in this course: **361**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

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(8 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

Roll No: NPTEL23ME44S64670474

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

ADITYA KANTILAL NAKATE

for successfully completing the course

Manufacturing Guidelines for Product Design

with a consolidated score of **65** %

Online Assignments	23.29/25	Proctored Exam	42/75

Total number of candidates certified in this course: **361**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Feb-Apr 2023
(8 week course)

Priti Maheshwari

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

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To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

AAKANKSHA UMESH JAGTAP

for successfully completing the course

Manufacturing Guidelines for Product Design

with a consolidated score of **63** %

Online Assignments	15.38/25	Proctored Exam	48/75

Total number of candidates certified in this course: **361**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Feb-Apr 2023
(8 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

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Roll No: NPTEL23ME44S64670390

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

AKANKSHA BIBHISHAN SHELKE

for successfully completing the course

Manufacturing Guidelines for Product Design

with a consolidated score of **66** %

Online Assignments	19.58/25	Proctored Exam	46.5/75

Total number of candidates certified in this course: **361**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Feb-Apr 2023
(8 week course)

Priti Maheshwari

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23ME44S64670402

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

ASMITA SARAVADE

for successfully completing the course

Manufacturing Guidelines for Product Design

with a consolidated score of **75** %

Online Assignments	24.08/25	Proctored Exam	51/75

Total number of candidates certified in this course: **361**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Feb-Apr 2023
(8 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23ME44S64670462

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

DAKSHATA DINESH KHARE

for successfully completing the course

Manufacturing Guidelines for Product Design

with a consolidated score of **66** %

Online Assignments	21.21/25	Proctored Exam	45/75

Total number of candidates certified in this course: **361**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Feb-Apr 2023
(8 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

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Roll No: NPTEL23ME44S64670498

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

DIPTESH VISHAL RELEKAR

for successfully completing the course

Manufacturing Guidelines for Product Design

with a consolidated score of **60** %

Online Assignments	18.29/25	Proctored Exam	41.5/75

Total number of candidates certified in this course: **361**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Feb-Apr 2023
(8 week course)

Priti Maheshwari

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

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Roll No: NPTEL23ME44S64670510

To validate the certificate

No. of credits recommended: 2 or 3

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

PARTH VAIBHAV BHUMKAR

for successfully completing the course

Manufacturing Guidelines for Product Design

with a consolidated score of **48** %

Online Assignments	18.29/25	Proctored Exam	30/75

Total number of candidates certified in this course: **361**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Feb-Apr 2023
(8 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

Roll No: NPTEL23ME44S54670208

To validate the certificate

No. of credits recommended: 2 or 3

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SAKSHI RAJENDRA MORE

for successfully completing the course

Manufacturing Guidelines for Product Design

with a consolidated score of **57** %

Online Assignments	22.46/25	Proctored Exam	34.5/75

Total number of candidates certified in this course: **361**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Feb-Apr 2023
(8 week course)

Priti Maheshwari

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23ME44S54670258

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SANKET NARAYAN VAIRAGKAR

for successfully completing the course

Manufacturing Guidelines for Product Design

with a consolidated score of **61** %

Online Assignments	17.88/25	Proctored Exam	43.5/75

Total number of candidates certified in this course: **361**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Feb-Apr 2023
(8 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23ME44S54670272

To validate the certificate

No. of credits recommended: 2 or 3

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SATYAJIT PATANGRAO PATIL

for successfully completing the course

Manufacturing Guidelines for Product Design

with a consolidated score of **53** %

Online Assignments	22.88/25	Proctored Exam	30/75

Total number of candidates certified in this course: **361**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Feb-Apr 2023
(8 week course)

Priti Maheshwari

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23ME44S54670288

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SHUBHAM UTTAM YAMGAR

for successfully completing the course

Manufacturing Guidelines for Product Design

with a consolidated score of **61** %

Online Assignments	23.29/25	Proctored Exam	37.5/75

Total number of candidates certified in this course: **361**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Feb-Apr 2023
(8 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23ME44S54670306

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

PRERNA BHAGWAN WANKHEDE

for successfully completing the course

Manufacturing Guidelines for Product Design

with a consolidated score of **60** %

Online Assignments	15.29/25	Proctored Exam	44.5/75

Total number of candidates certified in this course: **361**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Feb-Apr 2023
(8 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

Roll No: NPTEL23ME44S54670226

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

YASH VISHVAS THIGALE

for successfully completing the course

Manufacturing Guidelines for Product Design

with a consolidated score of **60** %

Online Assignments	22.04/25	Proctored Exam	37.5/75

Total number of candidates certified in this course: **361**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Feb-Apr 2023
(8 week course)

Priti Maheshwari

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23ME44S54670381

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

AKSHAY PAWAR

for successfully completing the course

Manufacturing Guidelines for Product Design

with a consolidated score of **75** %

Online Assignments	22.04/25	Proctored Exam	52.5/75

Total number of candidates certified in this course: **361**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Feb-Apr 2023
(8 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

Roll No: NPTEL23ME44S64670414

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

VINAYAK BHIMASHANKAR GUNJE

for successfully completing the course

Manufacturing Guidelines for Product Design

with a consolidated score of **69** %

Online Assignments	22.5/25	Proctored Exam	46.5/75

Total number of candidates certified in this course: **361**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Feb-Apr 2023
(8 week course)

Priti Maheshwari

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23ME44S54670368

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

UDAYSAGAR ADAM KAMALAPURE

for successfully completing the course

Manufacturing Guidelines for Product Design

with a consolidated score of **61** %

Online Assignments	14.08/25	Proctored Exam	46.5/75

Total number of candidates certified in this course: **361**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Feb-Apr 2023

(8 week course)

Priti Maheshwari

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23ME44S54670354

To validate the certificate

No. of credits recommended: 2 or 3

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NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

DATTATRAY LAXMAN PANGALE

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **50** %

Online Assignments	16.29/25	Proctored Exam	34.15/75

Total number of candidates certified in this course: **9572**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Sep 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

Roll No: NPTEL22HS77S14470065

To validate the certificate

No. of credits recommended: 2 or 3

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

PRANAV PARSHURAM SALUNKHE

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **53** %

Online Assignments	22/25	Proctored Exam	31.4/75

Total number of candidates certified in this course: **9572**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Sep 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL22HS77S24470211

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

METKARI TUSHAR MOHAN

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **65** %

Online Assignments	15.21/25	Proctored Exam	49.36/75

Total number of candidates certified in this course: **9572**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Sep 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL22HS77S24470339

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

RAUT SUDHIR RAJKUMAR

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **63** %

Online Assignments	18.92/25	Proctored Exam	44.07/75

Total number of candidates certified in this course: **9572**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Sep 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL22HS77S24470329

To validate the certificate

No. of credits recommended: 2 or 3

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

ASAWARI BHIMRAO CHAVAN

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **58** %

Online Assignments	22.88/25	Proctored Exam	35.11/75

Total number of candidates certified in this course: **9572**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Sep 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

Roll No: NPTEL22HS77S14470043

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

DAKSHATA DINESH KHARE

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **60** %

Online Assignments	22.71/25	Proctored Exam	37.58/75

Total number of candidates certified in this course: **9572**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Sep 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL22HS77S14470125

To validate the certificate

No. of credits recommended: 2 or 3

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SAURABH SUDHIR PARCHANDE

for successfully completing the course

Data Base Management System

with a consolidated score of **47** %

Online Assignments	17.29/25	Proctored Exam	30/75

Total number of candidates certified in this course: **3478**

Aug-Oct 2022

(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL22CS91S33820096

To validate the certificate

No. of credits recommended: 2 or 3

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

NIKHIL TANAJI JADHAV

for successfully completing the course

Data Base Management System

with a consolidated score of **45** %

Online Assignments	13.13/25	Proctored Exam	31.5/75

Total number of candidates certified in this course: **3478**

Aug-Oct 2022

(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL22CS91S33820081

To validate the certificate

No. of credits recommended: 2 or 3

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

KAPSE SHRIYASH DHANANJAY

for successfully completing the course

Data Base Management System

with a consolidated score of **51** %

Online Assignments	21.25/25	Proctored Exam	30/75

Total number of candidates certified in this course: **3478**

Aug-Oct 2022

(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL22CS91S43820154

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SAURABH SUNIL GAIKWAD

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **63** %

Online Assignments	22.71/25	Proctored Exam	40.02/75

Total number of candidates certified in this course: **9572**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Sep 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL22HS77S24470295

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

KHATAL CHETAN DIPAK

for successfully completing the course

Programming in Java

with a consolidated score of **69** %

Online Assignments	18.63/25	Programming Assignment	25/25	Proctored Exam	25/50

Total number of candidates certified in this course: **6899**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL22CS102S53820065

To validate the certificate

No. of credits recommended: 3 or 4

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SAURABH SUNIL GAIKWAD

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **63** %

Online Assignments	22.71/25	Proctored Exam	40.02/75

Total number of candidates certified in this course: **9572**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Sep 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL22HS77S24470295

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SANKET NAGESH SONAWANE

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **75** %

Online Assignments	22.96/25	Proctored Exam	52.25/75

Total number of candidates certified in this course: **9572**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Sep 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

Roll No: NPTEL22HS77S24470289

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

AVINASH NETAJI SALGAR

for successfully completing the course

Programming in Java

with a consolidated score of **70** %

Online Assignments	13.72/25	Programming Assignment	25/25	Proctored Exam	31/50

Total number of candidates certified in this course: **6899**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL22CS102S53820025

To validate the certificate

No. of credits recommended: 3 or 4

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SHUBHAM SOMNATH PETHE

for successfully completing the course

Programming in Java

with a consolidated score of **88** %

Online Assignments	23.69/25	Programming Assignment	25/25	Proctored Exam	38.84/50

Total number of candidates certified in this course: **6899**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL22CS102S63820203

To validate the certificate

No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

AISHWARYA MAHADEO KOKARE

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **53** %

Online Assignments	22.92/25	Proctored Exam	30/75

Total number of candidates certified in this course: **9572**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Sep 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL22HS77S14470003

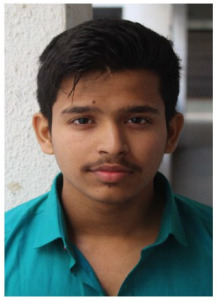
To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SHIVRAJ TANAJI MAGAR

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **62** %

Online Assignments	18.53/25	Proctored Exam	43.5/75

Total number of candidates certified in this course: **9793**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL22CS96S43820205

To validate the certificate

No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SHIVAJI CHINTAMANI LAWATE

for successfully completing the course

Data Base Management System

with a consolidated score of **49** %

Online Assignments	15.83/25	Proctored Exam	33/75

Total number of candidates certified in this course: **3478**

Aug-Oct 2022

(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL22CS91S43820144

To validate the certificate

No. of credits recommended: 2 or 3

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

PRATHAMESH RAJESH GHONGADE

for successfully completing the course

Data Base Management System

with a consolidated score of **46** %

Online Assignments	15.83/25	Proctored Exam	30/75

Total number of candidates certified in this course: **3478**

Aug-Oct 2022

(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL22CS91S33820106

To validate the certificate

No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

PRITI YASHWANT TAWASHE

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **69** %

Online Assignments	22.67/25	Proctored Exam	46.2/75

Total number of candidates certified in this course: **9572**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Sep 2022

(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL22HS77S24470219

To validate the certificate

No. of credits recommended: 2 or 3

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

AVISHKAR GORAKH UBALE

for successfully completing the course

Data Structure and Algorithms using Java

with a consolidated score of **58** %

Online Assignments	21.78/25	Proctored Exam	36.5/75

Total number of candidates certified in this course: **1806**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL22CS92S53820052

To validate the certificate

No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SHENDE MAYUR VISHAL

for successfully completing the course

Innovation, Business Models and Entrepreneurship

with a consolidated score of **57** %

Online Assignments	15.83/25	Proctored Exam	41.25/75

Total number of candidates certified in this course: **3114**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Aug-Oct 2022

(8 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL22MG73S53820126

To validate the certificate

No. of credits recommended: 2 or 3