

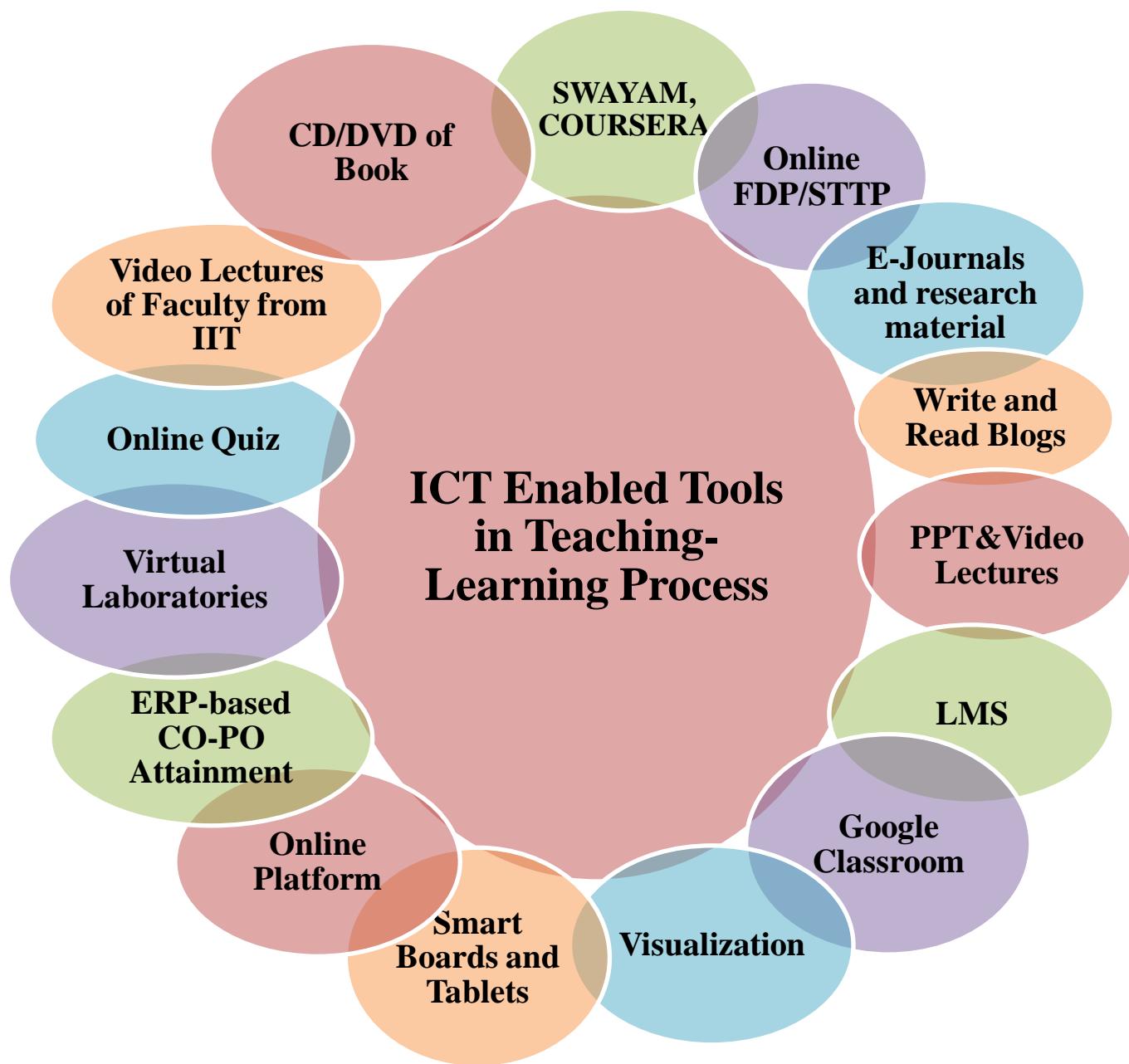


**Shri Vithal Education & Research Institute's
College of Engineering, Pandharpur**

2.3.2

**Teachers use ICT Enabled
Tools for Effective
Teaching-Learning
Process**

ICT Enabled Tools in Teaching-Learning Process



ICT Enabled Tools in

Teaching-Learning Process

Index

Sr. No.	Tools
1	Swayam, Coursera Courses
2	Online FDP/STTP
3	Digital Platforms
4	E-Journals
5	Blogs & Research Material
6	PPT & Video Lectures
7	Learning Management Systems(LMS)
8	Google Classroom
9	Visualization
10	Smart board & Tablets
11	Online Platforms
12	ERP Based CO-PO Attainment
13	Virtual Laboratories
14	Online Quiz
15	Video Lectures of Faculty from IIT
16	CD/DVD of Books



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

Knowledge Enhancement and Updating



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



ISO 9001:2015



Sr. No.	Name of Activity	Purpose
1	Swayam Courses	<p>NPTEL is a curriculum building exercise and is directed towards providing learning materials in Science and Engineering.</p> <p>The main goal was to create web and video courses in all major branches of engineering and physical sciences at the undergraduate and postgraduate levels and management courses at the postgraduate level.</p>
2	FDP	<p>The scheme is designed to enhance the teaching and other skills of the faculty. And to make them aware about modern teaching tools and methodologies. It provides an opportunity to acquire knowledge about current technological developments in relevant fields. It will not only promote the professional practices relevant to technical education but also motivates the faculty to achieve competitive teaching and learning environment, thus channelizing development with respect to academic qualifications and personal matters. The Faculty Development Programme (FDP) intends to provide financial assistance to facilitate up-gradation of knowledge, skill and intends to provide opportunities for induction training to teachers employed in disciplines Engineering & Technology</p>
3	STTP	<p>Short Term Training Program (STTP) intends to conduct faculty trainings through financial assistance from AICTE to enable faculty members in the field of technical education to introspect and learn techniques that can help prepare students for active and successful participants in a knowledge society. Short-term courses can give one a competitive edge and also help develop oneself personally.</p>



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

Swayam Courses

- 1. NPTEL**
- 2. NITTT**



Shri Vithal Education & Research Institute's

COLLEGE OF ENGINEERING, PANDHARPUR



P.B.No.54, Gopalpur - Ranjani Road, Gopalpur, Pandharpur - 413304, District: Solapur (Maharashtra)

Tel.: (02186) 216063, 9503103757, Toll Free No.: 1800-3000-4131 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, NAAC Accredited Institute, ISO 9001:2015 Certified Institute.

Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune.

Ref.: COEPR/2018-2019/1752

Date: 09/01/2019

Request Letter for establishing NPTEL Local Chapter

To,
Prof. Andrew Thangaraj,
NPTEL Coordinator,
2nd floor,
Central Library IIT Madras,
Chennai-600036

Subject: Establishing an NPTEL Local Chapter in our College

We are glad to inform you that we are interested in establishing an NPTEL Local Chapter in our college. Once the request for establishing the local chapter is approved, we shall provide our college logo and SPOC photo.

For NPTEL records, we are hereby providing the details of the Principal of our college.

Principal Name	Dr. B. P. Ronge
Email Id	bpronge@coe.sveri.ac.in
Mobile number	9545193434
Affiliated to (University)	Solapur university
Institution type	Engineering
Institution address	P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal - Pandharpur, Dist. Solapur (Maharashtra)
Pincode	413 304
City	Pandharpur
State	Maharashtra

We nominate Mr. C. C. Jadhav as the single point of Contact (SPOC), whose details are as follows:

Name	Mr. C.C. Jadhav
Designation	Assistant professor
Department	Mechanical Engineering
Email Id	ccjadhav@coe.sveri.ac.in
Contact No.	8308689570

Thank you.

Warm regards

(Dr.B.P.Ronge)
Principal



NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTES OF TECHNOLOGY & INDIAN INSTITUTE OF SCIENCE



NPTEL

Approval of SWAYAM NPTEL Local Chapter

2019-01-29

To
The Principal
SVERI'S COLLEGE OF ENGINEERING
SVERI'S COLLEGE OF ENGINEERING PANDHARPUR,
P.B. NO. 54, GOPALPUR -RANJANI ROAD, GOPALPUR 413 304, TAL - PANDHARPUR,
DIST. SOLAPUR (MAHARASHTRA)

Dear Sir/Madam,

Sub: Establishing SWAYAM NPTEL Local Chapter in your college

Greetings from the NPTEL office.

This is to acknowledge the receipt of your letter accepting to host SWAYAM NPTEL Local Chapter in your institution.

The **Single Point of Contact (SPOC)** nominated from your college is

Name of SPOC: CHETAN CHANDRAKANT JADHAV
Designation: ASSISTANT PROFESSOR
Department: MECHANICAL ENGINEERING
Contact No(s): 8308689570
E-mail id: jadhavchetan1902@gmail.com

We wish to inform you that all future correspondence related to NPTEL contents and online courses will be made to the afore-mentioned SPOC. He/she will be routinely updated with all the latest NPTEL initiatives which then may be circulated among the students.

We are also happy to share that a dedicated SWAYAM NPTEL Local Chapter web page is being created and your institution will have a separate page on it (<http://nptel.ac.in/LocalChapter>).

Thanking you.

Sincerely

Prof. Andrew Thangaraj

NPTEL Coordinator

IIT MADRAS

Single Point of Contact (SPOC)Details(2522)

SWAYAM-NPTEL Local Chapter

[Home](#) [Downloads](#) [Fee waiver](#) [Bulk Payment](#) [Mentors](#) [NPTEL stars](#) [Logout](#)



CHETAN
CHANDRAKANT
JADHAV
SVERI'S COLLEGE OF
ENGINEERING

[SPOC Timeline](#)

[SPOC Conference Support Request](#)

[LC Profile Changes Request](#)

Manage College and SPOC Profile

[College Profile](#) [SPOC Profile](#) [Req Letter](#) [Ack Letter](#)

College Profile

College Address

SVERI'S COLLEGE OF ENGINEERING PANDHARPUR, PB. NO. 54, GOPALPUR -
RANIANI ROAD, GOPALPUR 413 304, TAL - PANDHARPUR, DIST. SOLAPUR
(MAHARASHTRA)

SOLAPUR

MAHARASHTRA

Contact No: 9503103737

Alternate No: 0

College Id : 2522



Shri Vithal Education & Research Institute's

COLLEGE OF ENGINEERING, PANDHARPUR



P.B.No.54, Gopalpur - Ranjani Road, Gopalpur, Pandharpur - 413304, District: Solapur (Maharashtra)

Tel.: (02186) 216063, 9503103757, Toll Free No.: 1800-3000-4131 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, NAAC Accredited Institute, ISO 9001:2015 Certified Institute.

Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune.

Ref.: COEP/2018-19/Cir/66(d)

Date: 12/12/2018

CIRCULAR

Subsequent to resolution made in the Board of Governors Meeting dated 12/08/2018, the modifications are made as per the decision/resolution in the Board of Governors Meeting held on 08/12/2018 and accordingly policy in respect of NPTEL, Coursera, edX etc. Courses will be as follows:

1. All the faculty members must register for minimum one course every year in their respective domain.
2. Institute will contribute to the tune of 50% or Rs. 1000/- whichever is minimum, of the Registration/Examination Fee per course per person if he/she qualifies the examination.

All the concerned should note the above and act accordingly.

B. Ronge
(Dr. B. P. Ronge)
PRINCIPAL

Copy to:

1. SVERI's COE
2. All Deans
3. All HODs
4. Registrar

SVERI's College of Engineering Pandharpur
Mechanical Engineering Department
Staff NPTEL Exam Results A.Y 2019-20

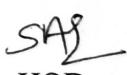
Sr.No.	Name of Student	Subject Name	Week	Score
1	Dr. Abhay Arun Utpat	Fundamentals of Manufacturing Process	12	78% Elite + silver
2	Prof. Avinash Kailas Parkhe	Fundamentals of Manufacturing Process	12	51% Successfully Completed
3	Prof. Bhaskar Dhondi Gaikwad	Fundamentals of Manufacturing Process	12	76% Elite + silver
4	Dr. Ranjitsinha Ramkrishna Gidde	Fundamentals of Manufacturing Process	12	52% Successfully Completed
5	Prof. Sachin Mahadev Khomane	Fundamentals of Manufacturing Process	12	67% Elite
6	Prof. Chetan Chandrakant Jadhav	Developing soft skills and Personality	8	60% Elite
7	Dr. Pravin Sudhakar Kachare	Developing soft skills and Personality	8	78% Elite + silver
8	DR. Sachin Ashok Sonawane	Mathematical Modeling of manufacturing process	12	67% Elite
9	Prof. Sachin Ramchandra Gavali	Concepts of Thermodynamics	12	53% Successfully Completed
10	Prof. Avinash Anil Mote	Project Management	8	52% Successfully Completed
11	Prof. Shashikant Subhash Jadhav	Conduction and Convection heat transfer	12	86% Elite + silver

SAB

HOD
 MECH. ENGG. DEPT.
 HEAD,
 Dept. of Mechanical Engg
 C.O.E. Pandharpur

SVERI's College of Engineering Pandharpur
Mechanical Engineering Department
Staff NITT Exam Results A.Y 2019-20

Sr.No.	Name of Student	Subject Name	Week	Score
1	Prof. Avinash Kailas Parkhe	M7-Creative problem Solving, Innovation and Meaningful Research and Development	8	58
2	Prof. Chetan Chandrakant Jadhav	M7-Creative problem Solving, Innovation and Meaningful Research and Development	8	58
3	Prof. Shashikant Subhash Jadhav	M5-Technology Enabled Learning and Lifelong Self-Learning	8	63


HOD
MECH. ENGG. DEPT.
HEAD,
Dept. of Mechanical Engg
C.O.E. Pandharpur.

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

NPTEL Certificates



Roll No: NPTEL19ME44S52160089

To
BHASKAR DHONDI GAIKWAD
PLOT NO.09, MAHER, HARINAYAN PARK
ISBAVI, PANDHARPUR
SOLAPUR
MAHARASHTRA
413304
PH. NO :9545553790



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
BHASKAR DHONDI GAIKWAD

for successfully completing the course

Fundamentals of Manufacturing Processes



with a consolidated score of **76** %

Online Assignments	19.91/25	Proctored Exam	55.87/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1255**


Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Jul-Oct 2019
(12 week course)


Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee

Roll No: NPTEL19ME44S52160089

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19ME44S52160087

To
SACHIN MAHADEV KHOMANE
SVERI'S COLLEGE OF ENGINEERING,
PANDHARPUR,
GOPALPUR-RANJANI, ROAD, GOPALPUR
PANDHARPUR
SOLAPUR
MAHARASHTRA
413304

PH. NO :9049349429



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

SACHIN MAHADEV KHOMANE

for successfully completing the course

Fundamentals of Manufacturing Processes

with a consolidated score of **67** %

Online Assignments	20.63/25	Proctored Exam	45.92/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1255**


Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Jul-Oct 2019
(12 week course)


Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee

Roll No: NPTEL19ME44S52160087

To validate and check scores: <https://nptel.ac.in/noc/>



NITTT Certificates



Ministry of Education
Government of India



NATIONAL TESTING AGENCY

Excellence in Assessment

NATIONAL INITIATIVE FOR TECHNICAL TEACHERS TRAINING (NITTT-2021)

Roll Number	NTANITTT21457	Registration Id	20202103092	
Candidate's Name	SHASHIKANT SUBHASH JADHAV	Father's Name	Subhash	
Mother's Name	Rajakka	Date of Birth	1991-06-20	
PwD (Persons with Disability)	No	Gender	Male	

DETAILS OF MARKS

Modules	M 5
Modules Name	Technology Enabled Learning and Life-long Self-learning
Maximum Marks	100
Total Marks Obtained	63

Dated 23.03.2021

Consultant (TPC)

Important Information

- This electronically generated Score Card is the official result declared by the NTA and does not reflect the Internal Marks, if any, issued under the NITTT scheme. However, the final results declared by the NITTT shall be binding to all.
- Candidate's particulars including, parental names, Category and Person with Disability (PwD) have been indicated as mentioned by the candidate in the online application form.
- Candidates must preserve this Score Card and confirmation Page till the corresponding processes related to the NITTT scheme, in the University/colleges/institutions is/are complete.

NTA website: <https://www.nta.ac.in/> <http://115.124.102.34:8083/NITTT.aspx>

NITTT website: <https://nittt.ac.in/>

For any Assistance: Email: nittt@nta.ac.in

Helpline: 011-40759000



NATIONAL INITIATIVE FOR TECHNICAL TEACHERS TRAINING (NITT-2021)

Roll Number	NTANITTT21316	Registration Id	20202102496		
Candidate's Name	AVINASH KAILAS PARKHE	Father's Name	Kailas		
Mother's Name	Sunita	Date of Birth	1992-06-06		
PwD (Persons with Disability)	No	Gender	Male		

DETAILS OF MARKS

Modules	M 7
Modules Name	Creative Problem Solving, Innovation and Meaningful Research and Development
Maximum Marks	100
Total Marks Obtained	58

Dated 23.03.2021



Consultant (TPC)

Important Information

- This electronically generated Score Card is the official result declared by the NTA and does not reflect the Internal Marks, if any, issued under the NITT scheme. However, the final results declared by the NITT shall be binding to all.
- Candidate's particulars including, parental names, Category and Person with Disability (PwD) have been indicated as mentioned by the candidate in the online application form.
- Candidates must preserve this Score Card and confirmation Page till the corresponding processes related to the NITT scheme, in the University/colleges/institutions is/are complete.

NTA website: <https://www.nta.ac.in/> <http://115.124.102.34:8083/NITT.aspx>

NITT website: <https://nitt.ac.in/>

For any Assistance: Email: nitt@nta.ac.in

Helpline: 011-40759000



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

Coursera Courses

SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR A.Y.2019-20

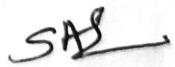
Sr. No.	Name of Faculty	Title of Coursera completed
1	Prof. S. M. Kale	Advanced Manufacturing Process Analysis AI For Everyone Project Management The Basics for Success Create Informative Presentations with Google Introduction to Thermodynamics Transferring energy from here to there
2	Prof. S. J. Shinde	AI FOR EVERYONE CREATE INFORMATIVE PRESENTATIONS USING GOOGLE SLIDES DIGITAL MANUFACTURING AND DESIGN
3	Prof. Y. M. Khedkar	Introduction to Thermodynamics: Transferring Energy from Here to There Advanced Manufacturing Process Analysis COVID-19: What You Need to Know (CME Eligible) Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading
4	Dr. S. A. Sonawane	Digital Manufacturing and Design Digital Thread Components Intelligent Machining Cybersecurity in Manufacturing Advanced Manufacturing Enterprise Advanced Manufacturing Process Analysis AI-For Everyone Internet of Things- Multimedia Technologies Introduction to Basic Vibration
5	Prof. S. S. Jadhav	Completed online course through Coursera on "Project Management: Basic for Success". Completed online course through Coursera on "Wind Energy" Completed online course through Coursera on "Google Slides" Completed online course through Coursera on "Advanced Manufacturing Enterprise" Completed online course through Coursera on "AI for everyone"
6	Dr. A. A. Utpat	Adapt your leadership style (Coursera) Wind Energy
7	Prof. K. S. Pukale	Completed online course through Coursera on "Introduction to Thermodynamics". Completed online course through Coursera on "Advanced Manufacturing Process Analysis". Completed online course through Coursera on "Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading". Completed online course through Coursera on "Mechanics of Materials II: Thin-Walled Pressure Vessels and Torsion". Completed online course through Coursera on "Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360". Completed online course through Coursera on "Mechanics of Materials III: Beam Bending". Completed online course through Coursera on "Mechanics of Materials IV: Deflections, Buckling, Combined Loading & Failure Theories".
8	Prof. G.K. Inamdar	Emerging Trends in Mechanical Engineering Research Opportunities and Challenges in Manufacturing Sector Research, Funding Projects & IPR Effective Proposal Writing for Research and Funding
9	Prof. P. B. Asabe	Research Opportunities and Challenges in Manufacturing Sector 'Research Opportunities in Advanced Manufacturing Processes' Environmental Science Recent Trends in Mechanical Engineering "Effective Proposal Writing for Research and Funding" Improving Teaching Learning Experience using Best Practices'


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

10	Prof. S. Y. Salunkhe	Sequences, Time Series and Prediction Completed online course through Coursera on “Project Management: Basic for Success”. Completed online course through Coursera on “Introduction to Thermodynamics”.
11	Prof. A. K. Parkhe	Completed online course through Coursera on “Advanced Manufacturing Process Analysis”. Completed online course through Coursera on “Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading”. Completed online course through Coursera on “Mechanics of Materials II: Thin-Walled Pressure Vessels and Torsion”. Completed online course through Coursera on “Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360”. Completed online course through Coursera on “Mechanics of Materials III: Beam Bending”. Completed online course through Coursera on “Mechanics of Materials IV: Deflections, Buckling, Combined Loading & Failure Theories”.
		Completed online course through Coursera on “Project Management: Basic for Success”. Completed online course through Coursera on “Introduction to Thermodynamics”.
		Completed online course through Coursera on “Advanced Manufacturing Process Analysis”. Completed online course through Coursera on “Project Management: Basic for Success”.
		Completed online course through Coursera on “Advanced Manufacturing Process Analysis”. Completed online course through Coursera on “Successful Negotiation: Essential startegies and skill”. Completed online course through Coursera on “Intelligent Machining”. Completed online course through Coursera on “Digital Thread:Component”. Completed online course through Coursera on “Digital Manufacturing and Design”. Completed online course through Coursera on “Introduction to Thermodyanamics:Transferring Energy from here to there”. Completed online course through Coursera on “Create informative session through google slides”.
		Coursera - Solar Energy Basics Coursera -Engineering Project Management: Initiating and Planning Coursera - Innovating with the Business Model Canvas
		Completed online course through Coursera : Introduction to Thermodynamics Completed online course through Coursera : Advanced Manufacturing Process Analysis Completed online course through Coursera : Digital Manufacturing & Design Completed online course through Coursera : Introduction to Project Management Completed online course through Coursera : Leadership and Emotional Intelligence
		Introduction to Project Management Digital Manufacturing & Design
16	Prof. D.D. Ronge	Completed course on Coursera 'Introduction to IoT'
17	Prof. R. D. Solage	Completed online course through Coursera on “Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading”. Completed online course through Coursera on “Mechanics of Materials II: Thin-Walled Pressure Vessels and Torsion”. Completed online course through Coursera on “Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360”. Completed online course through Coursera on “Mechanics of Materials III: Beam Bending”. Completed online course through Coursera on “Mechanics of Materials IV: Deflections, Buckling, Combined Loading & Failure Theories”.
		Coursera: Materials Science Coursera:Leadership and Emotional Intelligence Coursera:Fundamentals of Management Coursera:Perfect Tenses and Modals


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

		Coursera:Introduction to Thermodynamics: Transferring Energy from Here to There
19	Prof. N. S. Shaikh	Introduction to Thermodynamics: Transferring Energy from Here to There
		GETTING STARTED WITH GOOGLE SHEETS
		CREATE INFORMATIVE PRESENTATIONS WITH GOOGLE SLIDES
		ADVANCED MANUFACTURING PROCESS ANALYSIS
		DIGITAL MANUFACTURING AND DESIGN
		3D Model Creation with Autodesk Fusion 360
		Sequences, Time Series and Prediction
		COVID-19: What You Need to Know (CME Eligible)
		Boosting Creativity for Innovation
		Engineering Design Process with Autodesk Fusion 360
		Learn to Design your own Solar Home system
		Modeling and Design for Mechanical Engineers with Autodesk Fusion 360
		Introduction to Project Management
20	Prof. D. T. Kashid	English basics for Effective Communication"
21	Prof. K. B. Jundale	Completed online course through Coursera : Introduction to Thermodynamics
		Completed online course through Coursera : Advanced Manufacturing Process Analysis
		Completed online course through Coursera : Digital Manufacturing & Design
		Completed online course through Coursera : Introduction to Project Management
		Completed online course through Coursera : Leadership and Emotional Intelligence
22	Prof. M. B. Kulkarni	Introduction to Thermodynamics: Transferring Energy from Here to There
		Create Informative presentation with Google Slides
		Covid-19: What You Need to Know?
		Engineering Mechanics
		Mind Control: Managing Your Mental Health During COVID-19
		Project Management: The Basics for Success
		Introduction to data analysis using excel
23	Prof. B. D. Gaikwad	Successful Presentation
		Completed Coursera Course on Psychological First Aid
		Completed Coursera Course on Introduction to Programming in Matlab
		Completed Coursera Course on Advance Manufacturing Process Analysis
		Completed Coursera Course on Mind Control : Managing your Mental Health during Covid 19
		Recent Opportunities in Advanced Manufacturing Analysis
		Recent Opportunities and Challenges in Manufacturing Sector
		Design Thinkinf Approaches in Engineering


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

COURSERA Certificates



The State University
of New York

05/06/2020

Vikram Ramdas Chavan

has successfully completed

Solar Energy Basics

an online non-credit course authorized by The State University of New York and offered
through Coursera

Neal Abrams

Neal Abrams
Associate Professor

COURSE
CERTIFICATE



Verify at coursera.org/verify/4SMY7KK98K3D

Coursera has confirmed the identity of this individual and
their participation in the course.



Technical University
of Denmark

06/09/2020

Shashikant Subhash Jadhav

has successfully completed

Wind Energy

an online non-credit course authorized by Technical University of Denmark (DTU) and offered through Coursera

*Neels Badger Alma Salnaja Lars Pilgaard Mikkelsen
T. Cronin Tom Hartvig Hansen Niels-Erik Clausen
Vladimir Fedorov Bonnie Ram Sven-Erik Gryning
Merete Badger Alma Salnaja Lars Pilgaard Mikkelsen, Ameya Sathe, Vladimir Fedorov, Tom Cronin, Torben Krogh
Mikkelsen, Morten Hartvig Hansen, Niels-Erik Clausen, Bonnie Ram, Sven-Erik Gryning, Kim Branner, Poul Ejnar
Sørensen, Hilmar Kjartansson Danielsen, Henrik Bredmose*

Merete Badger, Alma Salnaja, Lars Pilgaard Mikkelsen, Ameya Sathe, Vladimir Fedorov, Tom Cronin, Torben Krogh Mikkelsen, Morten Hartvig Hansen, Niels-Erik Clausen, Bonnie Ram, Sven-Erik Gryning, Kim Branner, Poul Ejnar Sørensen, Hilmar Kjartansson Danielsen, Henrik Bredmose

COURSE CERTIFICATE



Verify at coursera.org/verify/Y7QQWAT2P974

Coursera has confirmed the identity of this individual and their participation in the course.



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

Faculty Development Programme/Short Term Training Programme

Online FDP/STTP Attended by Faculty Members

Sr. No	Name of Faculty	Title of the professional development program	Date and Duration (from – to)	No.of Days
1	Prof.Y.M.Khedkar	FDP On Latest Developments in Mechanical Engineering	4 May 2020 to 9 May 2020	6 Days
2	Prof. S.N.More	"Research Opportunities and Challenges in Manufacturing Sector"	01 June to 06 June, 2020	6 Days
3	Prof.V.R.Chavan	"Comprehensive Study of NAAC Criteria in RAF"	04 May 2020 to 08 May 2020.	4 Days
4	Prof.C.C.Jadhav	Building Energy Technology & Recent Trends in HVAC	1st June - 6th June 2020	6 Days
5	Prof. S.Y.Salunke	Design Thinking Approaches In Engineering	22nd June to 26th June, 2020	5 Days
6	Prof. S.Y.Salunke	Improving Teaching Learning Experience using Best Practices	15th June 2020 to 19th June 2020	5 Days
7	Prof.V.G.Kalebag	Recent Tread in Mechanical Engineering	13 June 2010 17 June2020	5 Days
8	Prof.V.G.Kalebag	Heat Transfer and Computational Fluid Dynamics Toword Industrial Application	13 June 2020 to 18 June 2020	1 Week
9	Prof.S.Y.Salunkhe	Make in India- A journey towards self Reliance	23 June 2020 - 28 June 2020	6 Days
10	Dr.S.S.Wangikar	"Effective Proposal Writing for Research and Funding"	13 May 2020 to 18 May 2020.	5 Days
11	Dr.S.A.Sonawane	Exploring the dimensions of Innovation Incubation and Emerging Techniques to embrace post COVID changes	08/06/2020 - 12/06/2020	4 Days
12	Prof.S.M.Khomane	"Futuristic Technologies in Mechanical Industries"	5 June 2020 to 9 June 2020.	6 Days
13	Dr.R.R.Gidde	Funding opportunities for engineering teachers and technical paper writing	15 June-19 June 2020	5 Days
14	Prof.A.A.Shinde	Reserch Treads In Mechanical Engineering	15 June 2020 to 20 June 2020	1 Week
15	Prof.P.B .Asabe	Reserch Opportunities in Advanced Manufacturing Process	22 June 2020 to 28 June 2020	1 Week
16	Prof.A.K.Pharake	Attended Online STTP on "Vibration Control of Rotating Machines" Under Lead College Scheme of Shivaji University, Kolhapur organized by Department of Mechanical Engineering, ADCET, Ashta.	8 -12 June 2020	5 Days
17	Prof.P.B .Asabe	Environmental Science	26 April 2020 to 09 May 2020	14 Days
18	Prof.K.B.Jundale	Moodle learning Managment System	27th April to 3rd May, 2020	7 Days
19	Prof.S.J.Shinde	TECHNOLOGICAL ADVANCEMENTS IN MECHANICAL ENGINEERING	29-06-2020 to 03-07-2020	5 Days
20	Prof.S.V.Jadhav	Potential research areas in Mechanical Engineering	15/6/20 to 20/6/20	6 Days
21	Prof.D.T.Kashid	Recent Advancements in Mechanical Engineering	22 June to 26 June, 2020	1 Week
22	Prof.G.K Inamdar	USAGE OF TECHNOLOGY IN COVID-19	28 May 2020 to 2 June 2020	5 Days
23	Prof.D.T.Kashid	Attended Online STTP on "Advanced Optimization Tools & Techniques for Researchers & Engineers" SKN, SCOE, Korti, Pandharpur.	23/05/2020 to 27/05/2020	5 Days
24	Prof.D.T.Kashid	STTP on "Outcome Based Education & NBA"	29th June 2020 - 03rd July 2020	5 Days
25	Prof.P.B .Asabe	"Research Opportunities and Challenges in Manufacturing Sector"	01 June 2020 - 06 June 2020	5 Days


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

FDP Certificates



GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)
Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356, Andhra Pradesh

DEPARTMENT OF MECHANICAL ENGINEERING

One Week Online Faculty Development Programme on

RESEARCH TRENDS IN MECHANICAL ENGINEERING

15th – 20th June, 2020

PARTICIPATION CERTIFICATE

This is to certify that

Mr. AMITKUMAR ASHOKRAO SHINDE

of

SVERI'S COE PANDHARPUR, SOLAPUR.

has participated in One Week Online Faculty Development Programme on "**Research Trends in Mechanical Engineering**" organized by Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru during 15th – 20th June, 2020.

A handwritten signature in blue ink, appearing to read "D. Kiran Prasad".

D. KIRAN PRASAD
Co-ordinator

A handwritten signature in blue ink, appearing to read "Dr. M.R.Ch. SASTRY".

Dr. M.R.Ch. SASTRY
Head of Department

A handwritten signature in blue ink, appearing to read "Dr. P. Ravindra Babu".

Dr. P. RAVINDRA BABU
Principal



Sant Dnyaneshwar Shikshan Sanstha's

Annasaheb Dange College of Engineering and Technology, Ashta

(An Autonomous Institute affiliated to Shivaji University, Kolhapur)

CERTIFICATE

This is to Certify that **Mr. Avinash Kailas Parkhe** of the institute SVERI's College of Engineering, Pandharpur has successfully completed Virtual one week STTP on "**Vibration Control of Rotating Machines**" **Under Lead College Scheme of Shivaji University,**

Kolhapur

organised by

Department of Mechanical Engineering, ADCET, Ashta during 8th-12th June 2020.

Dr. S. P. Chavan
Coordinator

Dr. L. Y. Waghmode
Head of Department

Dr. V. S. Patil
Director

Prof R. A. Kanai
Executive Director



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

Faculty Development Programmes Conducted by SVERI

Academic Year:2019-20

Year	Name of the workshop/seminar	Number of Participants	Date From-To	Details of Resource Person
2019-20	ICT Tool Content for Teaching Learning and Process	50	13/01/2020 to 17/01/2020	<ol style="list-style-type: none"> 1. Dr. KusumKumariBharati (Prof. IIITDM Jabalpur), 2. Dr. Nimita Mittal and Dr. Satyandra Singh Chouhan (Prof. MNIT Jaipur), 3. D. M. P. Singh (Prof. NIT, Patna)
2019-20	Advances and Research Opportunities in ENTC Engineering	42	10/06/2020 to 14/06/2020	<ol style="list-style-type: none"> 1. Mr. Sanjay Jogalekar (Founder, KanaadElectromation Solutions Pvt. Ltd.) 2. Mr. SudarshanNatu(MD, Nital Computer Systems Pvt. Ltd.) 3. Dr. AkashGandhamal (Technical Lead, Applied Material, Bengaluru) 4. Dr. ShrinivasMahajan (Professor, College of Engineering, Pune) 5. Dr. D.T. Ingole (Director, Innovation, Incubation and Linkages SGBAU, Amaravati)
2019-20	Blockchain in DevOps: Implementing Transparent Continuous Delivery	50	04/08/2020 to 09/08/2020	<ol style="list-style-type: none"> 1. Mr.AshokRanade (B.E.IIT Bombay)George Brown College Program Advisor Canada, Blockchain Developer Certificate. 2. Mr.AtulMarathe (B.E.IIT Bombay)Technical Vice-president, Persistent Systems, Pune. 3. Mr.PrakshDeshmukh (B.E. CoE,Pune)DevOps Competency Lead, IBM Pune. 4. Mr.KiranVaidya(MCA Pune University,Pune) Management Consultant Toronto Hydro- Canada 5. Mr. Edward Buchi (Certified Blockchain Professional)Co-Founder & Director, Bitcoin Bay Corp. Canada 6. Mr.IshanSrivastava (Visiting Faulty BVCA, Beijing China)Professor, FenTech / Seneca College, Canada. 7. Blockchain Developer @ Bitcoin Bay Corp, Canada

Academic Year:2019-20				
Year	Name of the workshop/se minar	Number of Participant	Date From-To	Details of Resource Person
2019-20	One Week STTP on “Hands on CATIA V5 software”	34	16/12/2019 to 21/12/2019	<ol style="list-style-type: none"> 1. Mr. C. C. Jadhav (Assistant Professor, SVERI's COE, Pandharpur) - ccjadhav@coe.sveri.ac.in, 8308689570, 2. 2. Mr. K. B. Jundale (Assistant Professor, SVERI's COE, Pandharpur) - kbjundale@cod.sveri.ac.in, 9370344980
2019-20	Design Thinking Approaches in Engineering	665	22/06/2020 to 26/06/2020	<ol style="list-style-type: none"> 1. Hon Mr. Ramesh Adavi (Consultant Machine learning & AI (28 years industry experience), 2. Hon Mr. SudarshanNatu (Managing Director NITAL computer systems Pvt.Lid.. Start-up Mentor and supporting various Engineering Colleges as Innovation Council Member and guiding staff and students), 3. Hon Mr. SachinWadikhye (Innovation Manger EATON Technologies), 4. Hon. Mrs./RachanaDarshan (Industrial designer Indi Bon Design), 5. Hon. Mrs./SujataKodag (Architects, interior designers and industrial planners, Environment and Disaster Management Consultant), 6. Hon. Dr. PrakashApte (Founder and president, APTennavate ROBUST Innovation Training and Consultancy), 7. Hon. Mr. DipakKonda (Architect, Konda Architect and Interior Designer)
2019-20	Research Opportunities & Challenges in Manufacturing Sector	795	01/06/2020 to 6/6/2020	<ol style="list-style-type: none"> 1. Dr. Vishal PrabhakarDhamgaye (Rutherford International/ Marie Curie Fellow Diamond Light Source Rutherford Appleton Laboratory Didcot, Oxford, (UK), & Scientific Officer, Raja Ramanna Centre for Advanced Technology, Indore.) 2. Dr. D. G. Thakur (Associate Professor, Defence Institute of Advanced Technology, Pune - thakur@diat.ac.in, 9096090173) 3. Dr. Promod Kumar Patowari (Professor and Dean, Faculty Welfare, NIT, Silchar.) 4. Dr. SuhasDeshmukh (Associate Professor, Government College of Engineering, Karad - suhas.deshmukh@gmail.com, 9657795507) 5. Dr. Eswara Krishna (Assistant Professor-III, AMITY Institute of Technology, AMITY University, NOIDA, Uttar Pradesh.)



Shri Vithal Education & Research Institute's
College of Engineering, Pandharpur
Department of Mechanical Engineering
Certificate of Participation

One Week Online Faculty Development Programme

**“Research Opportunities and Challenges in
Manufacturing Sector”**

This is to certify that

Dr. Sachin Ashok Sonawane of **SVERI's College of Engineering, Pandharpur**

has attended **One Week Online FDP** on **“Research Opportunities and Challenges in Manufacturing Sector”** from **01st June to 06th June, 2020** Organized by **Department of Mechanical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.**

A handwritten signature in black ink, appearing to read 'S. B. Bhosale'.

(Prof. S. B. Bhosale)
FDP Coordinator

A handwritten signature in black ink, appearing to read 'S. S. Wangikar'.

(Dr. S. S. Wangikar)
Convenor

A handwritten signature in blue ink, appearing to read 'B. P. Ronge'.

(Prof. Dr. B. P. Ronge)
Principal



Shri Vithal Education and Research Institute's

College of Engineering, Pandharpur



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A One Week STTP Hands on CATIA V5 Software



Certificate



This is to certify that,

Prof./Dr. Jadhav Shashikant S.

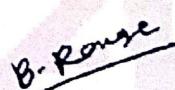
*has attended a one-week STTP on "Hands on CATIA V5 software" during 16th to 21st December, 2019
organized by Department of Mechanical Engineering, SVERI's College of Engineering, Pandharpur.*


Prof. C.C. Jadhav

Co-ordinator


Dr. S.A. Sonawane

Head, Mech. Engg. Dept.


Dr. B. P. Ronge

Principal



Shri Vithal Education & Research Institute's
College of Engineering, Pandharpur
Department of Mechanical Engineering
Certificate of Participation

One Week Online Faculty Development Programme

**“Research Opportunities and Challenges in
Manufacturing Sector”**

This is to certify that

Mr. Shashikant Subhash Jadhav of **SVERI'S College of Engineering Pandharpur**
has attended **One Week Online FDP** on **“Research Opportunities and Challenges in
Manufacturing Sector”** from **01st June to 06th June, 2020** Organized by **Department of
Mechanical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.**

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(Dr. S. S. Wangikar)
Convenor

A handwritten signature in blue ink, appearing to read 'B. P. Ronge'.

(Prof. Dr. B. P. Ronge)
Principal



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

Digital Platforms to Improve Teaching Concepts



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)

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Sr. No.	Name of Activity	Purpose
1	Digital Platform	The main aim of Digital Platforms is to enhance the collaboration between end-users and producers to transact with each other. These platforms enable users to share different information like new products and services and connect the platform's ecosystem.

Digital Platforms to Improve Teaching Concepts

1. Swayam Platform

About Swayam | All Courses | akparkhe@coe.sveri.ac.in ▾

Courses >

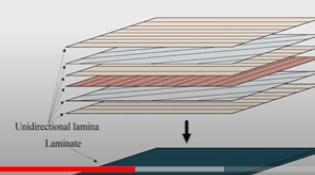
Mechanics of Fiber Reinforced Polymer Composite Structures

By Prof. Debabrata Chakraborty | IIT Guwahati

[Join](#) Learners enrolled: 663

 **FRP Composite Structures**
Mechanics of Fiber Reinforced Polymer Composite S...
By choosing an appropriate combination of reinforcement and matrix material, manufacturers can produce properties that exactly fit the requirements for a particular structure for a particular purpose.


Fiber properties + Matrix properties = Lamina properties


Unidirectional lamina
Laminate

5:24 / 13:04    YouTube 

Summary

Course Status : Upcoming

Course Type : Elective

Duration : 12 weeks

Start Date : 24 Jan 2022

End Date : 15 Apr 2022

Exam Date : 24 Apr 2022 IST

Enrollment Ends : 31 Jan 2022

Category : Mechanical Engineering

Credit Points : 3

5 new notifications

Experimental Stress Analysis

By Prof. K. Ramesh | IIT Madras

[Join](#)

Learners enrolled: 229

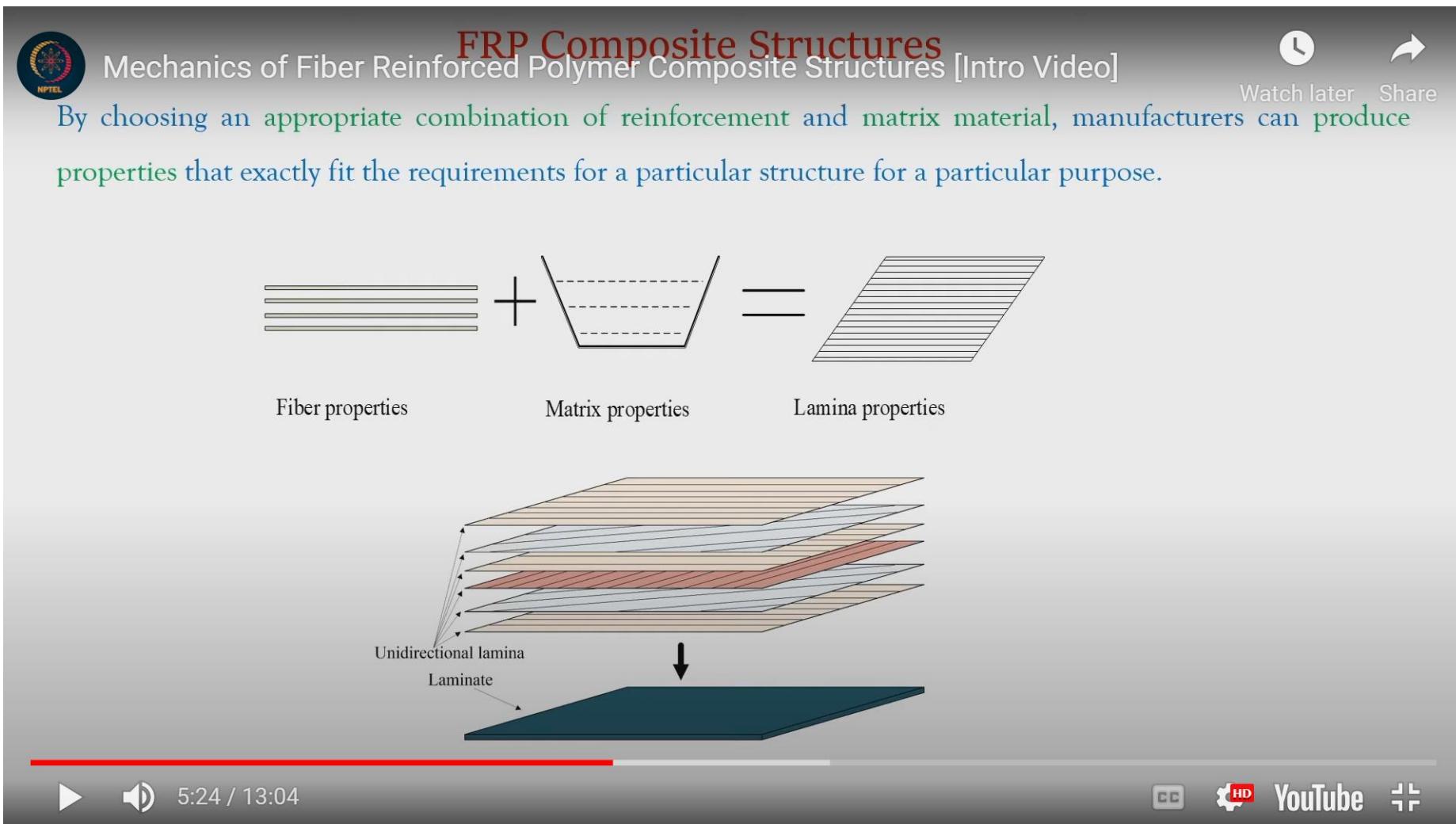


The course covers the fundamental aspects of experimental stress analysis that includes exhaustive treatment of the most versatile techniques like photoelasticity and strain gauges and a brief introduction to

Summary

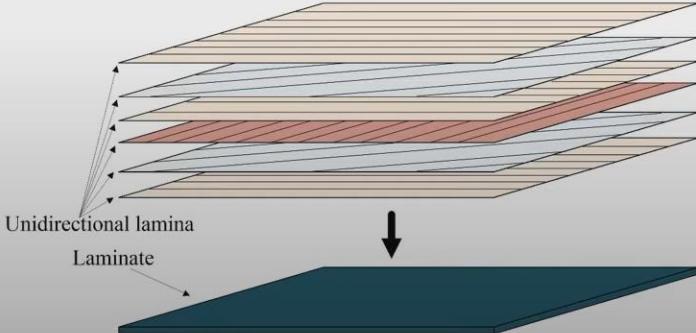
Course Status :	Upcoming
Course Type :	Elective
Duration :	12 weeks
Start Date :	24 Jan 2022
End Date :	15 Apr 2022
Exam Date :	24 Apr 2022 IST
Enrollment Ends :	31 Jan 2022
Category :	<ul style="list-style-type: none">Advanced Mechanics
Credit Points :	3
Level :	Undergraduate/Postgraduate

2.YouTube Platform

FRP Composite Structures
Mechanics of Fiber Reinforced Polymer Composite Structures [Intro Video]
By choosing an appropriate combination of reinforcement and matrix material, manufacturers can produce properties that exactly fit the requirements for a particular structure for a particular purpose.

Watch later Share


Fiber properties + Matrix properties = Lamina properties


Unidirectional lamina
Laminate

5:24 / 13:04

CC HD YouTube

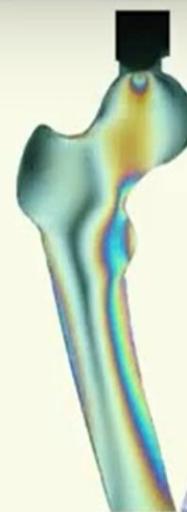
E

OVERVIEW OF EXPERIMENTAL STRESS ANALYSIS

Experimental Stress Analysis _ Introduction Video



Watch later Share



2D model of h



é in a fan

Slope



Caustics se

Prof.

Ch, IIT Madras, Ch



YouTube



0:18 / 4:13

3. Virtual LAB Platform

The screenshot shows the SOLVE - The Virtual Lab at NITK Surathkal interface for the Crank and Slotted Mechanism simulation. The top navigation bar includes links for MECHANICS OF MACHINE LAB, Home, and Mechanics of Machines Lab. The sub-navigation bar shows the current location: Home > Mechanics of Machines Lab > Crank and Slotted Mechanism. The main content area is titled "Crank and Slotted Mechanism" and "Crank and Slotted Quick Return". It features a simulation interface with a velocity diagram showing vectors v_a , v_{ea} , v_c , v_d , and v_{cd} . A table lists these vectors and their values in mm/s. On the right, a "VARIABLES" panel shows parameters: OA = 50, BC = 200, CD = 40, Input Angle (°) = 55, and ω_2 (rad/s) = 1. A "CONTROLS" panel includes a play button and a reset button. The bottom of the interface includes copyright information: "Copyright © SOLVE The Virtual Lab @ NITK Surathkal" and "Copyright © 2016 SOLVE - The Virtual Lab at NITK Surathkal".

Virtual Labs
An MHRD Govt of India Initiative

MECHANICS OF MACHINE LAB

Home > Mechanics of Machines Lab > Crank and Slotted Mechanism

Crank and Slotted Mechanism

THEORY PROCEDURE SELF EVALUATION **SIMULATION** ASSIGNMENT QUIZ VIDEOS REFERENCES FEEDBACK

Simulation

Crank and Slotted Quick Return

Velocity Diagram (Scale = 1:0.8)

Vector	Value (mm/s)
v_a	50.00
v_{ea}	4.87
v_c	66.51
v_d	-66.45
v_{cd}	3.24

E is the point on link BC whereas A is the point on the slider.
Vea : Velocity of E wrt A
Ade : Acceleration of D wrt C

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MECHANICS OF MACHINE LAB

Home > Mechanics of Machines Lab > Crank and Slotted Mechanism

Crank and Slotted Mechanism



[THEORY](#)



[PROCEDURE](#)



[SELF EVALUATION](#)



[SIMULATION](#)



[ASSIGNMENT](#)



[QUIZ](#)



[VIDEOS](#)



[REFERENCES](#)



[FEEDBACK](#)

Videos

Lagu paTa:



Vector	Value (mm/s ²)
A _{an}	112.64
A _{at}	0.00
A _{slip}	0.92
A _{coriolis}	32.92
A _{cn}	13.41
A _{ct}	217.70
A _{den}	8.68
A _{det}	94.57
A _d	-169.12

MORE VIDEOS

E is the point on link BC whereas A is the point on the slider.
View : Velocity of E w.r.t A

1:29 / 1:51

CC YouTube



**Shri Vithal Education & Research Institute's
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E-Journals



SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's

COLLEGE OF ENGINEERING, PANDHARPUR

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Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in

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NBA Accredited all Eligible UG Programmes and , NAAC, Accredited Institute,

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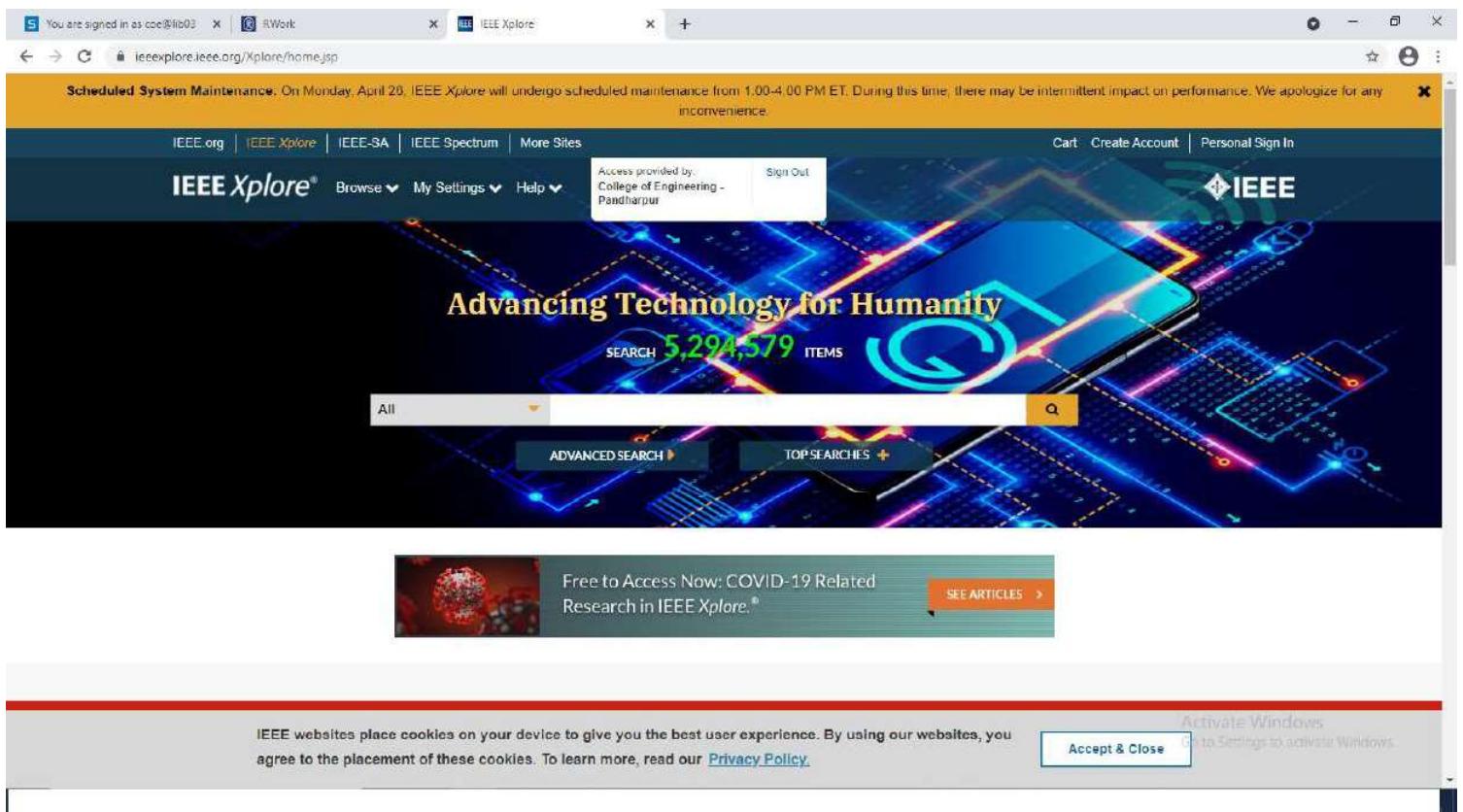
ISO 9001:2015



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Sr. No.	Name of Activity	Purpose
1	E-Journal	An electronic journal is a periodical publication which is published in electronic format, usually on the Internet. Electronic journals have several advantages over traditional printed journals: You can search the contents pages and/or the full text of journals to find articles on a certain subject.

IEEE Journal Subscription Details



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Scheduled System Maintenance: On Monday, April 20, IEEE Xplore will undergo scheduled maintenance from 1:00-4:00 PM ET. During this time, there may be intermittent impact on performance. We apologize for any inconvenience.

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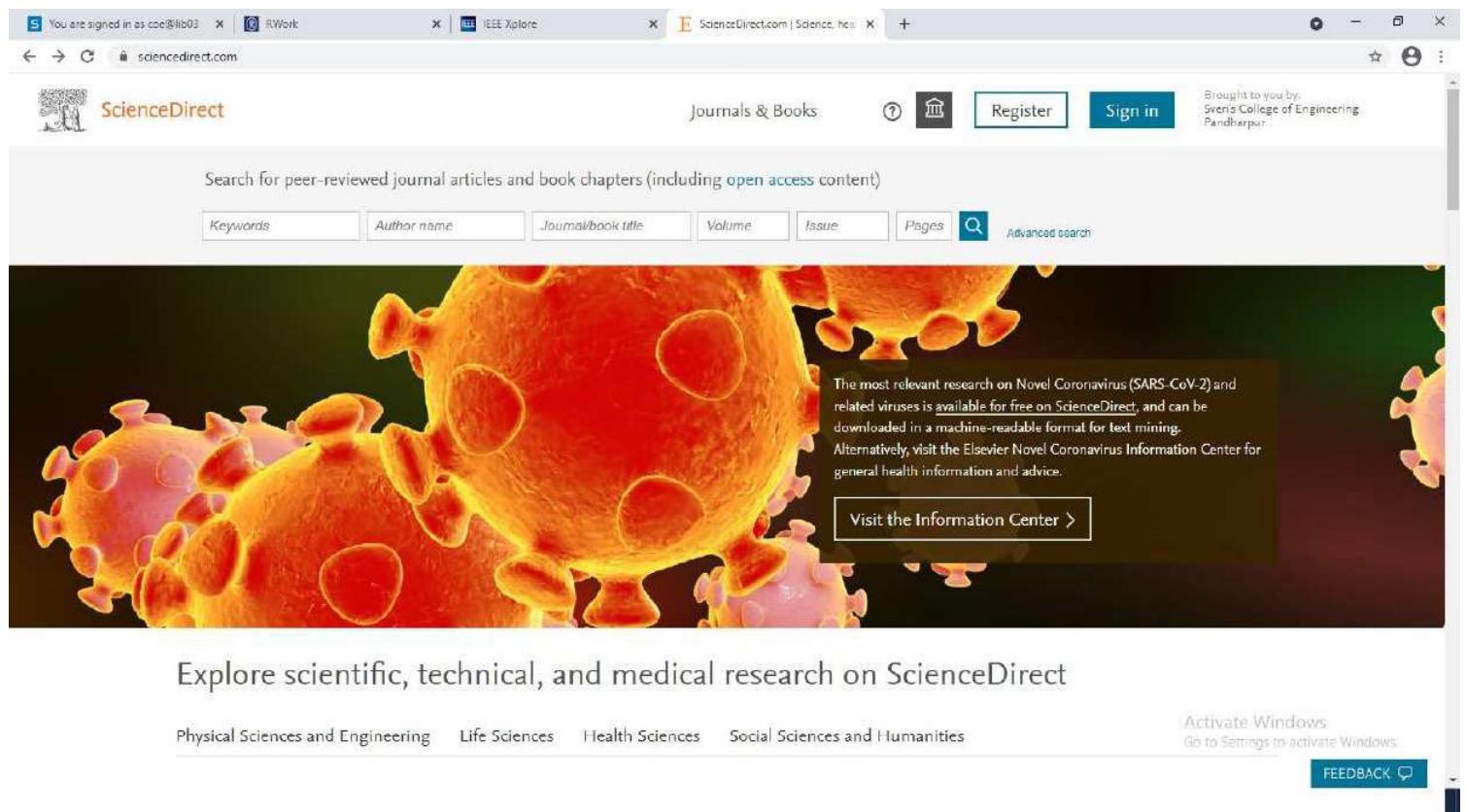
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Activate Windows

Go to Settings to activate Windows.

ScienceDirect Journal Subscription Details



The screenshot shows the ScienceDirect homepage. At the top, there is a search bar with fields for 'Keywords', 'Author name', 'Journal/book title', 'Volume', 'Issue', and 'Pages'. Below the search bar is a large banner image of the novel coronavirus. Overlaid on the banner is a text box containing the following message:

The most relevant research on Novel Coronavirus (SARS-CoV-2) and related viruses is available for free on ScienceDirect, and can be downloaded in a machine-readable format for text mining. Alternatively, visit the Elsevier Novel Coronavirus Information Center for general health information and advice.

Below the banner, there is a 'Visit the Information Center >' button. At the bottom of the page, there are links for 'Physical Sciences and Engineering', 'Life Sciences', 'Health Sciences', and 'Social Sciences and Humanities'. On the right side, there are links for 'Activate Windows', 'Go to Settings to activate Windows', and a 'FEEDBACK' button.



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

Usage of E-Journals by Faculty Members

IEEE Usage Statistics Report

2021
College of Engineering - Pandharpur



User_Activity	Total_Reported_Period	Jan-21	Feb-21	Mar-21							
Page_VIEWS	3,668	924	1,230	1,514							
Visits	406	110	127	169							
SEARCHES_Run (Non-COUNTER)	156	17	20	119							
TOTAL_ITEM_INVESTIGATIONS (Non-COUNTER)	216	45	93	78							
TOTAL_ITEM_REQUESTS (Non-COUNTER)	148	76	30	42							

Total Item Investigations - The total number of times a content item or information related to a content item was accessed.

Total Item Requests - The total number of times the full text of a content item was downloaded or viewed.

Article Request (NON-Counter) - The number of documents requested from the server.

Page Views - The number of pages viewed on a Web site.

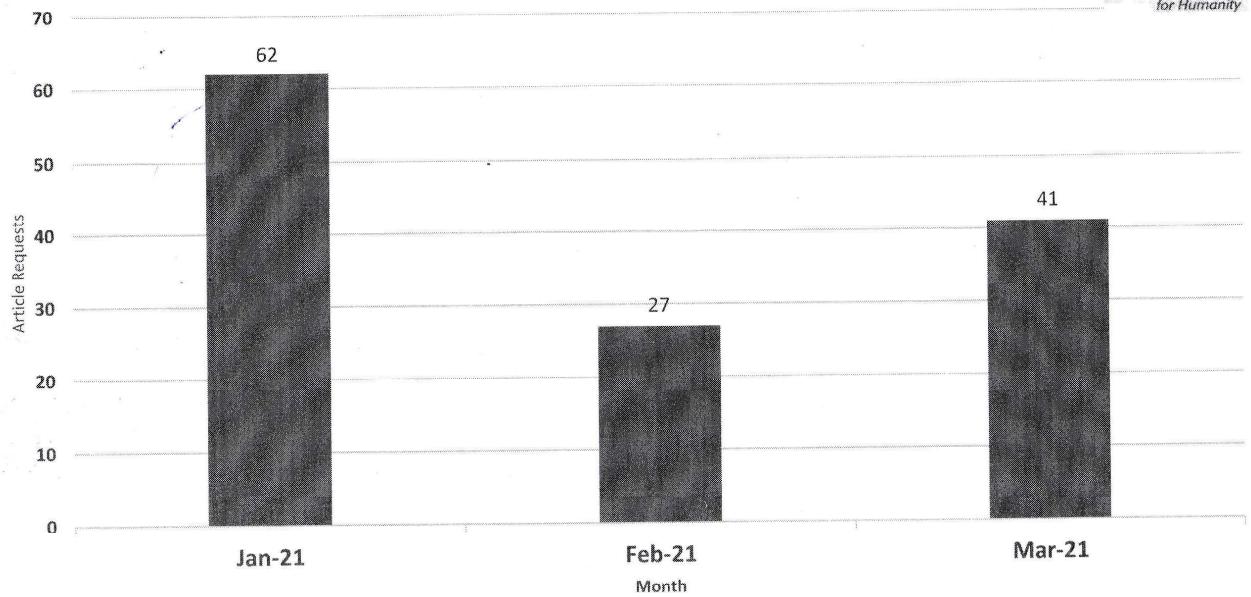
Searches Run - Reports the number of keyword searches performed.

Visits - Represents the number of individual durations of times visitors were on the site accessing a series of pages without 30 minutes of inactivity. A single visitor can account for multiple visits in a single day.

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IEEE Usage Statistics Trend : 2021



IEEE Usage Statistics Month-Wise Usage Trend by Article Requests

Graph Generated using data in Total Item Requests Table (Page 1)



IEEE Usage Statistics Report

2020
College of Engineering - Pandharpur



Title_Type	Metric_Type	YTD Total	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
Total for All Types	Total_Item_Requests	997	312	155	129	18	1	12	32	79	88	45	34	92
IEEE Conferences	Total_Item_Requests	233	227	2	0	0	0	0	0	3	0	0	0	1
IET Journals	Total_Item_Requests	4	1	0	0	0	0	0	0	0	0	0	3	0
IEEE Journals	Total_Item_Requests	749	79	153	129	18	1	10	32	76	88	44	31	88
Partner Journals	Total_Item_Requests	11	5	0	0	0	0	2	0	0	0	1	0	3

User_Activity	Total_Reported_Period	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
Page_Visits	17,272	3,764	3,807	2,615	266	5	490	584	1,315	1,070	453	584	2319
Visits	1,546	390	361	219	18	1	56	69	91	116	45	49	131
Searches_Run_(Non-COUNTER)	1,100	334	214	137	18	1	12	34	85	89	45	34	97
Total_Item_Investigations_(Non-COUNTER)	1,220	299	329	211	5	0	41	47	66	58	40	37	87
Total_Item_Requests_(Non-COUNTER)	841	175	210	160	33	0	33	21	16	24	15	47	107

Total Item Investigations - The total number of times a content item or information related to a content item was accessed.

Total Item Requests - The total number of times the full text of a content item was downloaded or viewed.

Article Request (NON-Counter) - The number of documents requested from the server.

Page Views - The number of pages viewed on a Web site.

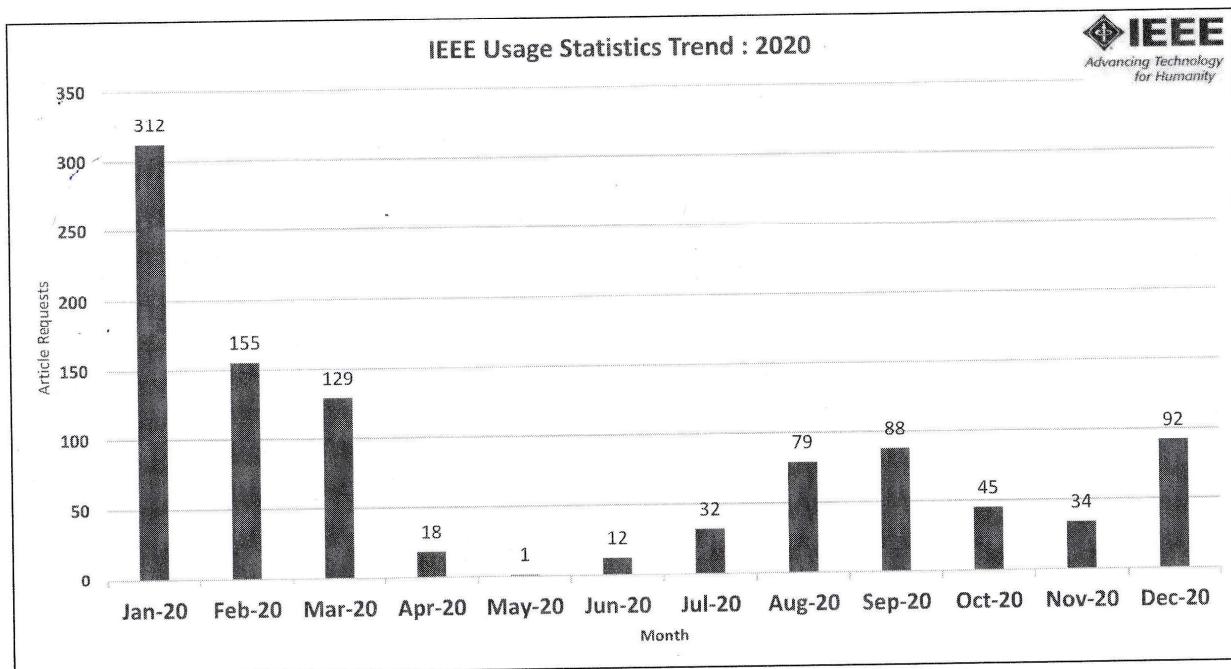
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Do not have an IEEE MPS Usage Statistics account? Click here <https://tinyurl.com/getieeeusageaccount>





IEEE Usage Statistics Month-Wise Usage Trend by Article Requests

Graph Generated using data in Total Item Requests Table (Page 1)



IEEE Usage Statistics Report

2019
College of Engineering - Pandharpur



Title_Type	Metric_Type	YTD Total	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Total for All Types	Total_Item_Requests	6,088	177	502	529	499	143	354	752	1,061	817	584	426	244
IET Conferences	Total_Item_Requests	21	0	7	2	2	1	0	1	1	0	3	3	1
IEEE Conferences	Total_Item_Requests	4,590	86	374	370	405	125	245	552	839	580	467	334	213
Partner Conferences	Total_Item_Requests	2	0	0	0	0	0	0	1	1	0	0	0	0
IET Journals	Total_Item_Requests	31	2	1	0	3	1	0	3	3	5	6	7	0
IEEE Journals	Total_Item_Requests	1,419	86	116	155	85	16	109	191	216	229	108	79	29
Partner Journals	Total_Item_Requests	22	3	4	2	4	0	0	4	1	2	0	2	0
IEEE Standards	Total_Item_Requests	3	0	0	0	0	0	0	0	0	1	0	1	1

User_Activity	Total_Reported_Period	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Page_VIEWS	40,294	2,440	4,154	4,631	3,647	675	1,986	5,080	6,247	4,303	3,523	2318	1290
Visits	4,057	321	399	539	374	118	187	509	482	381	342	231	174
Searches_Run (Non-COUNTER)	6,376	181	504	544	540	143	359	760	1,066	841	674	494	270
Total_Item_Investigations (Non-COUNTER)	3,754	229	385	472	430	53	180	475	540	357	329	196	108
Total_Item_Requests (Non-COUNTER)	2,143	103	119	241	145	57	108	370	425	200	175	138	62

Total Item Investigations - The total number of times a content item or information related to a content item was accessed.

Total Item Requests - The total number of times the full text of a content item was downloaded or viewed.

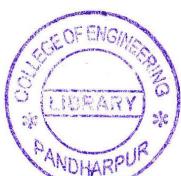
Article Request (NON-Counter) - The number of documents requested from the server.

Page Views - The number of pages viewed on a Web site.

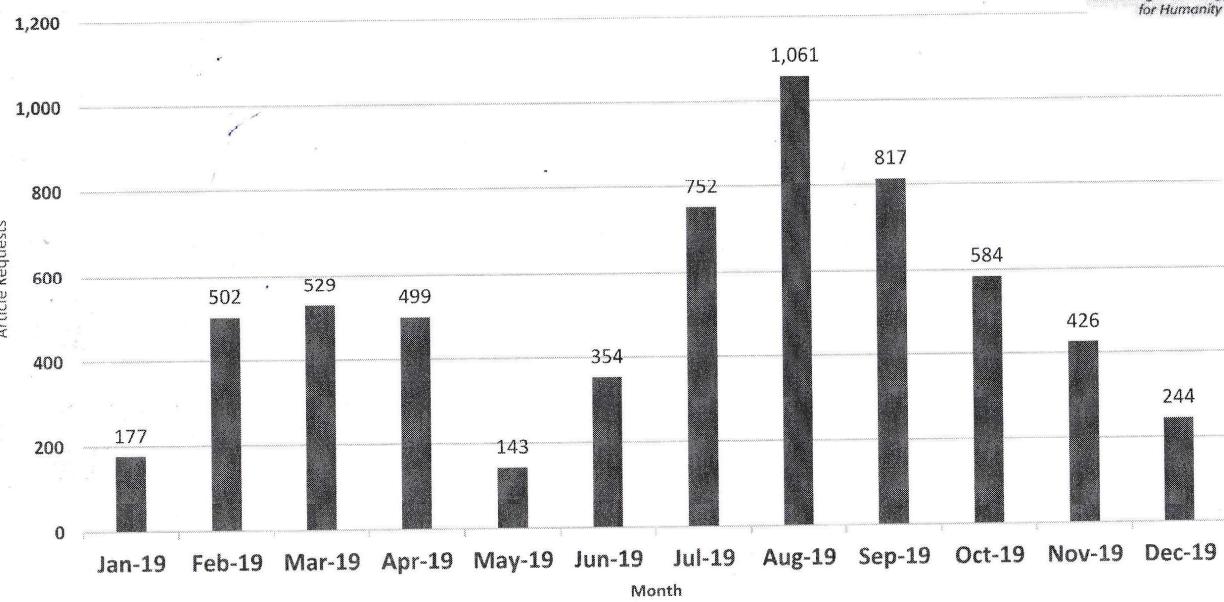
Searches Run - Reports the number of keyword searches performed.

Visits - Represents the number of individual durations of times visitors were on the site accessing a series of pages without 30 minutes of inactivity. A single visitor can account for multiple visits in a single day.

Download the IEEE Usage Statistics of your organization at <https://c5ieee.mpsinsight.com/ieee/login>
Do not have an IEEE MPS Usage Statistics account? Click here <https://tinyurl.com/getieeeusageaccount>



IEEE Usage Statistics Trend : 2019



IEEE Usage Statistics Month-Wise Usage Trend by Article Requests

Graph Generated using data in Total Item Requests Table (Page 1)



IEEE Usage Statistics Report

2018
College of Engineering - Pandharpur



Title_Type	Metric_Type	YTD Total	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
Total for All Types	Total_Item_Requests	6,012	110	189	152	169	43	120	378	340	177	299	3,296	739
IET Conferences	Total_Item_Requests	3	0	0	2	1	0	0	0	0	0	0	0	0
IEEE Conferences	Total_Item_Requests	82	2	9	9	7	4	2	13	14	4	16	1	1
IET Journals	Total_Item_Requests	11	0	0	2	5	0	0	1	0	1	1	0	1
IEEE Journals	Total_Item_Requests	5,846	108	177	137	150	36	118	363	323	171	281	3245	737
Partner Journals	Total_Item_Requests	70	0	3	2	6	3	0	1	3	1	1	50	0

User_Activity	Total_Reported_Period	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
Page_VIEWS	65,770	1,957	2,372	5,759	5,264	728	3,656	6,947	10,906	8,635	7,251	8573	3722
Visits	4,674	286	307	435	373	85	246	486	694	579	626	322	235
Searches_Run (Non-COUNTER)	6,922	112	193	155	192	65	142	984	358	183	337	3309	892
Total_Item_Investigations (Non-COUNTER)	5,944	297	357	447	538	68	332	745	1,038	831	942	171	178
Total_Item_Requests (Non-COUNTER)	1,574	75	67	80	205	21	96	147	259	139	288	96	101

Total Item Investigations - The total number of times a content item or information related to a content item was accessed.

Total Item Requests - The total number of times the full text of a content item was downloaded or viewed.

Article Request (NON-Counter) - The number of documents requested from the server.

Page Views - The number of pages viewed on a Web site.

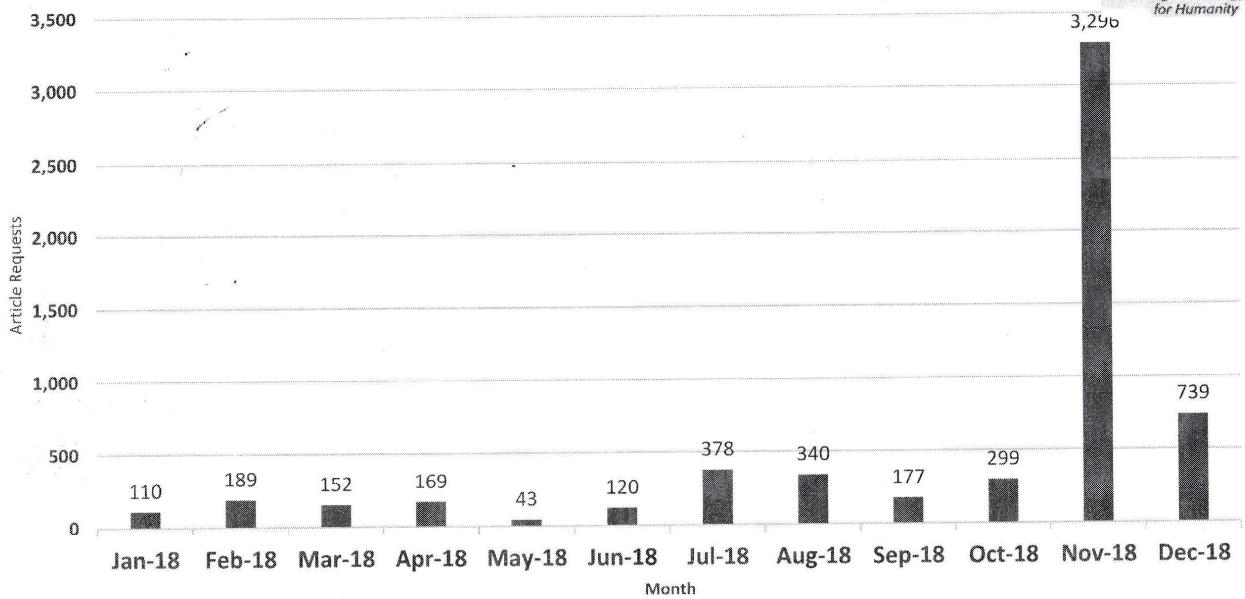
Searches Run - Reports the number of keyword searches performed.

Visits - Represents the number of individual durations of times visitors were on the site accessing a series of pages without 30 minutes of inactivity. A single visitor can account for multiple visits in a single day.



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Do not have an IEEE MPS Usage Statistics account? Click here <https://tinyurl.com/getieeeusageaccount>

IEEE Usage Statistics Trend : 2018



IEEE Usage Statistics Month-Wise Usage Trend by Article Requests

Graph Generated using data in Total Item Requests Table (Page 1)





Satyawan Anpat <snanpat@coe.sveri.ac.in>

Fwd: Usage Report for NBA visit purpose Shri Vithal Education & Research Institute's College of Engineering,

Girish Kulkarni <girish@gist.in>
 To: "snanpat@coe.sveri.ac.in" <snanpat@coe.sveri.ac.in>
 Cc: "smbagal@coe.sveri.ac.in" <smbagal@coe.sveri.ac.in>, "satyawan9166@gmail.com" <satyawan9166@gmail.com>

Fri, Feb 28, 2020 at 1:52 PM

With Regds
 Girish Kulkarni
 GIST
 Get Outlook for Android

From: Turan, Garima (ELS-DEL) <g.turan@elsevier.com>
Sent: Friday, February 28, 2020 1:49:56 PM
To: Girish Kulkarni <girish@gist.in>; Trikha, Lavanya (ELS-DEL) <l.trikha@elsevier.com>
Subject: RE: Usage Report for NBA visit purpose Shri Vithal Education & Research Institute's College of Engineering,

Hi Girish,

Please check below their usage for the said years.

Full text downloads	January	February	March	April	May	June	July	August	September	October	November	December	Total
2020	397												
2019	506	665	1486	443	247	453	719	826	480	568	525	260	7178
2018	379	382	1110	716	328	505	864	982	690	1638	32915	166	40675
2017	273	1055	1077	928	131	192	662	658	1286	555	14512	25553	46882

Thank you

Garima Turan

From: Girish Kulkarni <girish@gist.in>
Sent: Friday, February 28, 2020 11:55 AM
To: Turan, Garima (ELS-DEL) <g.turan@elsevier.com>; Trikha, Lavanya (ELS-DEL) <l.trikha@elsevier.com>
Subject: FW: Usage Report for NBA visit purpose Shri Vithal Education & Research Institute's College of Engineering,

*** External email: use caution ***

Please do the needful urgently

Regds

Girish

From: Satyawan Anpat <snanpat@coe.sveri.ac.in>
Sent: 28 February 2020 10:28
To: Girish Kulkarni <girish@gist.in>
Subject: Usage Report for NBA visit purpose



Respected sir/madam,

we are subscriber Elsevier science direct E-Journals for last 8 years so far we want to need to usage report for the NBA visit purpose

03/05/2021 College of Engineering, SVERI Pandharpur Mail - Fwd: Usage Report for NBA visit purpose Shri Vithal Education & Research Institute's...

We request you to mail us our usage report of science direct E JOURNALS FOR THE YEAR January2017 to January .2020 immediately there is any new s

We Waiting for your urgent response from your side.

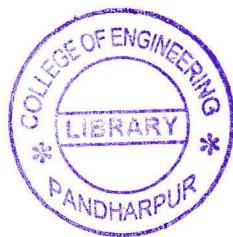
Thanking you,

Yours faithfully,

Mr. Satish N. Anpat

B.A., B.Lib.& I.Sc.
Library Assistant,
Shri Vithal Education & Research Institute's College of Engineering,

Pandharpur 413 304 Dist. Solapur M.S.
Contact No. 9503103753
email: snanpat@coe.sveri.ac.in





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

Blogs and Research Material



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



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Sr. No.	Name of Activity	Purpose
1	Blogs/ Research Material	The purpose of a blog is to provide content on your website that answers your prospective customers' questions and helps them learn about your product or service. It expands your brand's visibility by giving Google and other search engines content to index and serve up in search results.

Ref.: - 06 EPR/2019 - 2020/78(A)

Date: - 14/12/2019

Circular

As per decision taken in Admission Strategy Committee meeting, all faculty members are hereby informed to note that, they have to prepare at least one blog per semester on any technical, non-technical, recent technologies & trends related topic. Language for the blogs can be English, Hindi and Marathi.

The process for publicity of blogs is as explained below:

1. Faculty members have to submit the blog topics to Scrutiny Committee.
2. Once blog topic is approved by Scrutiny Committee, faculty members can write script for blog and submit it to Blog Editors Committee.
3. The approved blogs will be published on our web site through Website In-charge.

The Schedule for Blog writing is as follows:

Sr. No.	Semester	Particular	Submission Date	Approval Date
1.	I	1.Blog Title	Up to 1 st February	By 1 st March
		2.1 st Draft of blog	Up to 15 th April	By 30 th April
		3.Final Draft of blog	Up to 30 th May	By 15 th June
		4.Display on website		15 th July
2.	II	1.Blog Title	Up to 1 st August	By 1 st September
		2.1 st Draft of blog	Up to 15 th October	By 30 th October
		3.Final Draft of blog	Up to 30 th November	By 15 th December
		4.Display on website		15 th January

Note: All HODs should play an instrumental role in planning & effective implementation of the above policy.

B. P. Ronge
 (Dr. B. P. Ronge)
 PRINCIPAL

Blog Editorial Committee



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



Ref: COEP/2019-2020/00177

Date: 14/12/2019

Office Order

As per the directives given by Hon. Principal and decision taken in Admission Strategy Committee meeting, the following Blog Editorial Committee has been formed for reviewing blogs submitted by faculty members. Committee members are requested to go through the blogs meticulously and correct them in respect of grammar, flow of information, etc.

Sr. No	Name of the responsible person	Section	Mobile No.
1.	Dr. D. S. Choudhari	Non- Technical	9860160431
2.	Mr. D. A. Kumbhar	Non- Technical	9767107291
3.	Mr. K. B. Patil	Non- Technical	9595921154
4.	Dr. A. S. Vibhute	Technical	9881646499
5.	Dr. R. N. Haridas	Technical	9921404894
6.	Dr. H. H. Pawar	Technical	9270532226
7.	Dr. M. M Autade	Technical	329390817
8.	Dr. S. A. Sonawane	Technical	9850959863
9.	Dr B. C. Melinmath	Technical	9449811522
10.	Dr. V. S. Kshirsagar	Technical	7020063936
11.	Dr. D. A. Tamboli	Technical	9545553668
12.	Prof. U. L. Anuse	Coordinator	9168655365


(Dr. D. S. Choudhari)
14.12.19

Dean APP

Blog Title Scrutiny Committee



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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ID 5105048196



Ref: COEPR/2019-20/0.0176

Date: 14/12/2019

Office Order

As per the directives given by **Hon. Principal** and decision taken in Admission Strategy Committee meeting, the following **Blog Title Scrutiny Committee** has been formed for reviewing titles of blogs submitted by faculty members and giving the suggestion(s) for making the title more relevant

Sr. No	Name of the responsible person	Section	Mobile No.
1.	Dr. N. D. Misal	Technical	9545553801
2.	Dr. S. B. Salunkhe	Technical	7038203000
3.	Dr. D. S. Choudhari	Non- Technical	9860160431
4.	Prof. P. K. Patil	Coordinator	7709211899


(Dr. D. S. Choudhari)

Dean APP

SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR
Blogs & Research Material List

Sr.No.	Name of the Faculty	Department	Blog & Research Material Title	Blog Type
1	Mr. Ashish A. Jadhav	E & TC	Smart Antenna for 5G Wireless Technology	Technical
2	Mr. Avinash Anil Mote	Mechanical	Opportunities after Graduate Aptitude Test in Engineering (GATE)	Non-Technical
3	Mr. Anil Mahadev Kasture	E & TC	Antenna for Agricultural Applications	Technical
4	Dr. B. C. Melinamath	CSE	A Survey on Big Data Analytics	Technical
5	Dr. Ranjitsinh S. Pawar	CIVIL	Eutrophication: Causes, Consequences and Controls	Technical
6	Dr. Somnath B.Thigale	CSE	IoT Application in Agriculture to Make "Smart Agriculture	Technical
7	Dr. Dhananjay Chaudhari	F.Y.B.TECH.	The Importance and Process of Business Presentation	Non-Technical
8	Mr. G. G. Patil	CSE	Deep Learning Techniques	Technical
9	Mrs.M.M.Bhore	MBA	The Advent, Growth and Future of Digital Marketing	Non-Technical
10	Mr. B. S. Savase	F.Y.B.TECH.	Kinesics Plays an Important Role in Communication	Non-Technical
11	Mr. Jare Prasad Bhagchand	F.Y.B.TECH.	Relation of Mathematics in Data Science	Technical
12	Mr.S.D.Bhosale	Mechanical	યવહારાતીલ સમજણ્ણા પલીકડચા ઘોંલ	Non-Technical
13	Mr.S.M.Kale	Mechanical	Solar Air Conditioning System	Technical
14	Dr. Sandeep S. Wangikar	Mechanical	Enhancing the Research Interest	Non-Technical
15	Ms. T.A.Dhumal	CSE	5G Technology	Technical
16	Mr. Uttam L. Anuse	Mechanical	Lifelong Learning	Non-Technical
17	Mr. Rahul Pandurang Nagane	F.Y.B.TECH.	Future Technology That Affects Our Lives	Technical
18	Dr. Prashant Pawar	CIVIL	Use of Story-Telling for Effective Teaching-Learning	Non-Technical
19	Mr. M. B. Kulkarni	Mechanical	Future of Non-Conventional Energy Sources in India	Technical
20	Mr. B. T. Gadade	Mechanical	Maharashtra on Top in Sorghum Production with Lack of Advanced Harvesting Process	Technical
21	Mr. Onkar Laxman Mahajan	Mechanical	The New Era of Engineering Drawing	Technical
22	Mr. Pravin S. More	MBA	Women Entrepreneurs in India	Non-Technical
23	Mr. R. B. Kagade	CSE	Wireless Sensor Networks	Technical
24	Mr. R.D.Kulkarni	CSE	Wireless Sensor Area Network	Technical
25	Mrs. R. M. Shinde	CSE	Vertical Farming	Technical
26	Mr. Subhash V. Jadhav	Mechanical	Application of Nanotechnology in Modern Computers	Technical
27	Mr. Amitkumar Ashokrao Shinde	Mechanical	Industry 4.0: Self-Driving Vehicles	Technical
28	Mr. Avinash B. Kokare	CIVIL	Structural Auditing	Technical
29	Mr. A. K. Parkhe	Mechanical	Power in Classroom: Communication, Control and Concern	Non-Technical
30	Mrs. Jyoti S.Shinde	E & TC	IoT (Internet of Things) and Agriculture	Technical
31	Ms. Lalita Anil Palange	E & TC	Health and Fitness	Non-Technical
32	Mr. Mahesh S. Mathpati	E & TC	Upcoming Mobile App Development Trends in 2020 & Beyond	Technical

Sr.No.	Name of the Faculty	Department	Blog & Research Material Title	Blog Type
33	Ms.Neeta P.Kulkarni	E & TC	Advanced Methods for Image Resolution Enhancement Using Machine Learning	Technical
34	Ms. N.S. Patil	E & TC	Voyager 1 & 2: The Great Human Inventions	Technical
35	Mr. Dhawale P.A.	Mechanical	Knowledge -College -Village	Non-Technical
36	Dr. P.A.Hagargi	CSE	Story-Telling for Presently Fighting Against COVID19	Technical
37	Mr. Shrikrushna B. Bhosale	Mechanical	Inspirational Books Which Changed My Life	Non-Technical
38	Ms. Supriya A. Shegdar	CSE	Importance of Project Management	Non-Technical
39	Mr. S. M.Shinde	CSE	Practical Applications of Block Chain Technology	Technical
40	Ms. Zadbuke S.R.	F.Y.B.TECH.	Use of Video Lecture for Quantitative Aptitude	Non-Technical
41	Ms. Sanjivani Sachin Kadam	CSE	Blog Title: Stress Management at Workplace	Non-Technical
42	Mr.Shrinivas Vasudev Darshane	CSE	Embrace the Employability Skills	Non-Technical
43	Ms. V. A. Patil	E & TC	Mindfulness: Healthy Mind for Healthy Life	Non-Technical
44	Mrs. Vanita Dnyandev Jadhav	CSE	Multiprocessing in Linux	Technical
45	Dr. S.B.Salunkhe	Mechanical	Block Chain	Technical
46	Mr. Digambar Tukaram Kashid	Mechanical	Make Good Videos for Flipped Classroom Learning Approach	Non-Technical
47	Mr. Chetan R. Limkar	CIVIL	New Advancements in Road Construction in India	Technical
48	Mr.Amol Achyutrao Kadam	E&TC	Advanced PIC Microcontroller in IOT	Technical
49	Ms. Anuradha A. More	CSE	DATA STRUCTURES	Technical
50	Prof. Anil A. Tekale	Electrical	'REVERSE' SOLAR PANEL TECHNOLOGY STILL WORKS WHEN THE SUN GOES DOWN	Technical
51	Mr. A. B. Chounde	F.Y.B.TECH.	Invention of Telephone Is Origin of Telecommunication Era	Technical
52	Mr.Akshay A. Jadhav	E&TC	To Keep Up With Cutting Edge of Technology	Technical
53	Mr. Antosh Madappa Dyade	CSE	MiPasa: Building a Block Chain to Verify COVID-19	Technical
54	Dr. Anup S. Vibhute	E&TC	Industry 4.0- Opportunities and Challenges	Technical
55	Ms. S. A.Atole	E&TC	"Addicted to Success"	Non-Technical
56	Ms. Archita V. Malge	F.Y.B.TECH.	Integrity: A Reflection of Our Source	Non-Technical
57	Mr. B. D. Gaikwad	Mechanical	Freedom for Workers' Association in Industry	Non-Technical
58	Ms. Mohua Biswas	E&TC	Custom Bendable Lamp	Technical
59	Mr.Chetan Chandrakant Jadhav	Mechanical	जीवन	Non-Technical
60	Dr. Dipti Tamboli	Electrical	Hunting Hidden Electricity in Crystalline Solar Cells with New Encapsulation Technique	Technical
61	Mr. D. D. Daphale	Electrical	Solar Power from 'The Dark Side' Unlocked by a New Formula	Technical
62	Mr. D. D. Ronge	Mechanical	Tik, Tik, & Gone	Non-Technical
63	Mr. D.P. Narsale	E&TC	Vertical Axis Wind Turbine	Technical
64	Ms.D.V.Patil	CSE	Object Oriented Programming through C++	Technical
65	Ms. Geeta Unhale		BLOCKCHAIN TECHNOLOGY	Technical

Sr.No.	Name of the Faculty	Department	Blog & Research Material Title	Blog Type
66	Mr. Gururaj Inamdar	Mechanical	आजचा युवक आणि व्यसनाधीनता	Non-Technical
67	Mr. Jagadish Hallur	E&TC	5G TECHNOLOGY	Technical
68	Dr. H. H. Pawar	F.Y.B.TECH.	Invention of Zero	Non-Technical
69	Mr. Husain.K.Bhaldar	E&TC	Use of Micro Strip Antenna for Wireless Communication	Technical
70	Mr. H. M. Tamboli	CSE	Machine Learning	Technical
71	Mrs. Jyoti S. Shinde	E&TC	IoT (Internet of Things) and Agriculture	Technical
72	Mr. K.S. Pukale	Mechanical	लेक्योचे झाड	Non-Technical
73	Mr. Manoj A. Deshmukh	E&TC	Nano-Robotics – A Review	Technical
74	Mr. Manik G.Deshmukh	CIVIL	Strategies for Better Relations with Students	Non-Technical
75	Dr. M.M.Awatade	F.Y.B.TECH.	Synthesis, Determination of Structure and Biological Activity of Metal Complex (Drug)	Technical
76	Mr. M. S. Survase	CIVIL	How Can We Make Building Eco-Friendly?	Technical
77	Ms. Nimisha D. Deval	CSE	Introduction to Block chain Technology	Technical
78	Ms.Neelam Hande	F.Y.B.TECH.	MATHEMATICS IN ENGINEERING	Non-Technical
79	Mr. Nitin M. Maske	CSE	Steganography Using Texture Synthesis Process	Technical
80	Mr. N.S. Admire	E&TC	ELECTRONIC INK	Technical
81	Mr. N.S. Shaikh	Mechanical	CATEGORIES OF MECHANICS	Technical
82	Prof. P.B.Bhaganagare	CIVIL	Smart Cities	Non-Technical
83	Mr. P. G. Gaikwad	CSE	“Essential Life Skills for Teenagers”	Non-Technical
84	Ms. Pradnya K. Patil	Mechanical	Power of Subconscious Mind	Non-Technical
85	Ms. P. R. Dolas	CSE	DBMS Introduction	Technical
86	Dr. R. N. Haridas	F.Y.B.TECH.	Sun-Earth Connection (Solar Wind and Space weather)	Non-Technical
87	Dr.Ranjitsinha R. Gidde	Mechanical	Importance of PPPE for Overall Development of Students and Teachers	Non-Technical
88	Ms.R.R.Shinde	CSE	Smart Agriculture by Using IoT	Technical
89	Mr. Sujit A. Inamdar	E&TC	Analog Communication - Introduction	Technical
90	Mrs. Shalan Jagtap	MBA	The Necessity of Investment	Non-Technical
91	Dr. S. A. Lendave	F.Y.B.TECH.	The Electrochemical Photovoltaic (EPVD) Detector Cell	Technical
92	Dr. S. A. Sonawane	Mechanical	Techniques for Improving Employability of Fresh Engineering Graduates	Non-Technical
93	Mr. Sachin D.Bhosale	Mechanical	पॉडकास्ट म्हणजे काय?	Non-Technical
94	Mr. Sunil D. Kadam	F.Y.B.TECH.	Mathematical Technical Analysis	Technical
95	Mr. Sharankumar M. Kumbhar	CSE	Become Pandemic Covid-19 Warriors	Non-Technical
96	Mr. S. M. Khomane	Mechanical	3D Printing and its Future	Technical
97	Ms. Supriya Nivrutti Londhe	CIVIL	Hypo-sludge	Technical
98	Ms. S. P. God	Electrical	Solar-Powered Water Desalination	Technical
99	Mrs. Sonali P. Patil	CIVIL	Human Factors and Ergonomics	Technical
100	Mr. Shrishail P. Swami	E&TC	A Touch Sensor Screen System	Technical

Sr.No.	Name of the Faculty	Department	Blog & Research Material Title	Blog Type
101	Prof. S.R. Gavali	Mechanical	Skills Required for Engineering Graduate	Non-Technical
102	Mrs. Supriya S. Bhosale	CSE	Advance in GIS and Remote Sensing	Technical
103	Mr. Shashikant Subhash Jadhav	Mechanical	Classroom Management	Non-Technical
104	Ms. S.S. Kadam	E&TC	Amazing Space!	Non-Technical
105	Mrs. Vidya Kalebag	Mechanical	CORONA... आपल्यावर आलेल संकट की संधी?	Non-Technical
106	Mr. Vinayak M. Sale	CSE	Requirement Engineering	Technical
107	Dr. Ms. Vidyarani Saudagar Kshirsagar	CIVIL	माझा पंडरपूर	Non-Technical
108	Mr. Yashpal Khedkar	Mechanical	"तत्रज्ञानातून ग्रामविकास"	Non-Technical
109	Mr. Vikram R. Chavan	Mechanical	निसर्ग सवश्रेष्ठ न्यायाधीश आहे	Non-Technical
110	Prof. S. Y. Salunkhe	Mechanical	सकारात्मक विचाराची ताकत	Non-Technical
111	Dr. Santaji Pawar	F.Y.	A Universal Chemical Bath Deposition (CBD)	Technical
112	Mrs. Anuja Makrand Lotake	F.Y.	A Survey on Online Courses	Non-Technical
113	Dr. Mrs. M. M. Pawar	E&TC	GPU Installation Guide: Installation of GPU on Windows 10 (64bit)	Technical
114	Ms. S.S. Kadam	E&TC	Amazing Space!	Non-Technical
115	Ms. S.V. Jagzap	E&TC	"6G Technology"	Technical
116	Swagat Karve	E&TC	IOT: A Dawn of a New Era	Technical
117	Ms. A.S. Pathan	CSE	Machine Learning	Technical
118	Mr. P.K. Kurzkar	CSE	Continuous Speech Recognition	Technical
119	Mr. R.S. Sathe	Civil	Soil Structure Interaction	Technical
120	Mr. S.A. Gosavi	Civil	Degree of Indeterminacy for Engineering Structures	Technical
121	Mr. H.R. Pawar	Civil	Inner Technology for Personal Success	Non-Technical
122	Mr. S.J. Shinde	Mech.	Classroom Management that Work: Research based Strategies for Every Teacher	Non-Technical
123	Mr. K.B. Jundale	Mech.	Emerging Trends in Automobile Engineering	Technical

Sample Blog Links

1. Use of Story- Telling for Effective Teaching-Learning

<https://blogs.sveri.ac.in/2020/08/24/use-of-story-telling-for-effective-teaching-learning- 3/>

2. Make Good Videos for Flipped Classroom Learning Approach

<https://blogs.sveri.ac.in/2020/08/24/make-good-videos-for-flipped-classroom-learning- approach/>

3. Future of Non-Conventional Energy Sources in India

<https://blogs.sveri.ac.in/2020/08/24/future-of-non-conventional-energy-sources-in-india/>

4. Opportunities after Graduate Aptitude Test in Engineering

<https://blogs.sveri.ac.in/2020/08/24/opportunities-after-graduate-aptitude-test-in-engineering-gate/>

5. Future Technology That Affects Our Lives

<https://blogs.sveri.ac.in/2020/08/24/future-technology-that-affects-our-lives/>

6. Lifelong Learning

<https://blogs.sveri.ac.in/2020/08/24/lifelong-learning/>

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Lifelong Learning Mr. Uttam L. Anuse (ulanuse@coe.sveri.ac.in), Assistant Professor, Department of Mechanical Engineering, SVERI's College of Engineering, Pandharpur Education is the lifelong... read more SVERI PANDHARPUR • AUGUST 24, 2020 • 0 COMMENT	Mindfulness: Healthy Mind for Healthy Life Ms. V. A. Patil, Assistant Professor, Department of E & TC Engineering, SVERI's college of Engineering, Pandharpur, Mail: vapatil@coe.sveri.ac.in What is... read more SVERI PANDHARPUR • AUGUST 24, 2020 • 0 COMMENT	Multiprocessing in Linux Mrs. Vanita Dnyandev Jadhav, (vdjadhav@coe.sveri.ac.in) Assistant Professor, CSE Dept, SVERI's COE, Pandharpur Symmetric Multiprocessing The preceding discussion of multiprocessor systems... read more SVERI PANDHARPUR • AUGUST 24, 2020 • 0 COMMENT	Future Technology That Affects Our Lives Mr. Rahul Pandurang Nagane (rahulnagane777@gmail.com), Assistant Professor, Dept. of Humanities, SVERI's College of Engineering, Pandharpur, Solapur, Maharashtra, Mobile: 9076349930 Introduction... read more SVERI PANDHARPUR • AUGUST 24, 2020 • 0 COMMENT
Make Good Videos for Flipped Classroom Learning Approach Mr. Digambar Tukaram Kashid (dtkashid@coe.sveri.ac.in), Assistant Professor, Department of Mechanical Engineering, SVERI's, College of Engineering, Pandharpur A flipped	Use of Story-Telling for Effective Teaching-Learning Dr. Prashant Pawar (pawarpm@sveri.ac.in), (Dean Academics, SVERI's College of Engineering, Pandharpur) With advancement in technology and continuous availability of content... read more SVERI PANDHARPUR • AUGUST 24, 2020 • 0 COMMENT	Future of Non-Conventional Energy Sources in India Mr. M. B. Kulkarni (mbkulkarni@coe.sveri.ac.in), Assistant Professor, Department of Mechanical Engineering, SVERI's COE, Pandharpur Present Energy Production Scenario in	Opportunities after Graduate Aptitude Test in Engineering (GATE) Mr. Avinash Anil Mote (aamote@coe.sveri.ac.in), Training and Placement Officer, SVERI's COE, Pandharpur GATE is organized by Indian Institute of

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Use of Story-Telling for Effective Teaching-Learning

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Dr. Prashant Pawar (pawarpm@sveri.ac.in), (Dean Academics, SVERI's College of Engineering, Pandharpur)

With advancement in technology and continuous availability of content through the internet, students find it difficult to pay attention in the classes. Therefore, there is a need for teachers to make their teaching-learning processes effective and creative to hook the students with their lectures. One of the important techniques that good teachers have been using is the Story-telling technique. This technique is not only important for the lower level classes but can be useful for higher level education, for creating interest in difficult courses and concepts.

The storytelling becomes effective due to its traditional roots of storytelling culture and brains automatically create interest when we convert something in the form of a story. Though the stories are being repeated, storytellers personalize it which helps in teaching infinite number of lessons along with the main moral of the story.

Important Pointers While Creating Story of Your Concept:

1. **Visualizing Objects or Using Objects:** For holding the attention and linking the concepts, the storyteller has to link the concepts with some kind of objects either physical objects or by creating sketches or by visualizing. For the audience, the characters or objects of the story are easy to remember for a longer time and so the concepts taught using these objects.
2. **Asking Combing/hooking Questions:** Storytellers should keep on asking combing questions towards the climax of the story about "What will happen next?" or "What the particular character may be thinking in such a situation?" or "What could you have done in such circumstances?" or "Why did the character make such a decision?"...etc. The aim of this exercise is to increase inquisitiveness and imagination power amongst the students. No answer is right or wrong but could have multiple answers and students may surprise you sometimes by giving answers beyond your imagination. By involving students in the storytelling exercise, you help them improve their creative abilities and make the concepts easier to remember for a longer period.
3. **Connecting the Audience through Eye contacts:** By creating objects and characters and asking questions to the students, the storyteller hooks them to the story and by maintaining eye contacts, the teacher makes them feel that they are part of the story. Through eye contacts, the story tellers also get visual cues about the level of understanding of students so as to customize the story or lecture accordingly.
4. **Voice Modulation and Story Enacting:** The characters and situation visualization can be created using voice modulation. The voice modulation removes boredom from the concept and also makes the students laugh which relaxes them and helps in remembering the concepts. Sometimes enacting the story by involving the students helps them get more involved and also as the characters of the story are from their class, they will remember the story for their whole life and hence the concepts.

Some of the examples of Storytelling have been given below:

1. **GAJ and GAJ-GAMINI story to explain the Concept of FORCE and STRESS:** In Hindi GAJ means Elephant and GAJ-GAMINI means a woman. Story starts with the question "Under whose foot do you think there will be more Stress?" GAJ? Or GAJ-GAMINI? By looking at the typical weight of Elephant (GAJ) which is about 5400Kg and a typical woman (GAJ-GAMINI) is 60Kg, students are bound to answer that under the foot of Elephant. But then the story continues as 5400Kg (weight)/



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E-Content Development



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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

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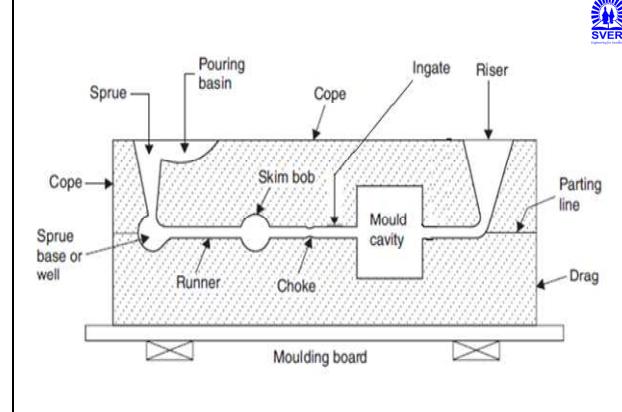
Sr. No.	Name of Activity	Purpose
1	PPT	The main purpose of Powerpoint presentation is to communicate with your audience. You can add pictures, graphics, text, and videos in your powerpoint presentations. And we can use it for multipurpose such as business, education and household. You can present your resume in a very interactive and creative manner.
2	Animation	Animation is used to create models that are essential for research and study. Animation allows you to create 3D, realistic models that allow diagrams etc. to show accurate representations of an object. An example of this is an X-ray.
3	Graphs	Graphs are a common method to visually illustrate relationships in the data. The purpose of a graph is to present data that are too numerous or complicated to be described adequately in the text and in less space.
4	Tables	Tables are used to organize data that is too detailed or complicated to be described adequately in the text, allowing the reader to quickly see the results.
5	Videos	Videos let you establish authority and a more personal feel to your message. You will be far more likely to connect on an emotional level with your audience if you use video versus another content type.



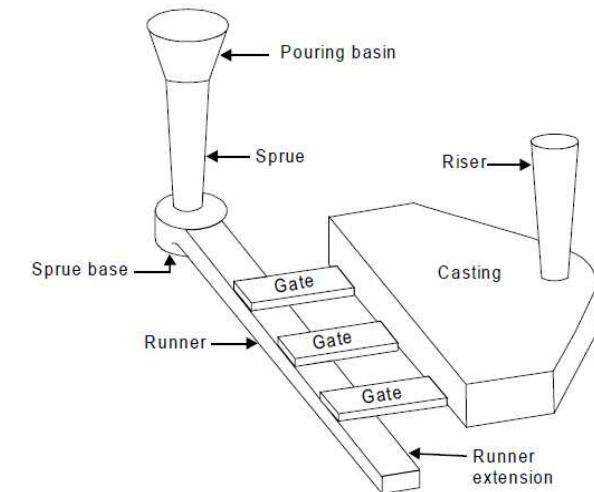
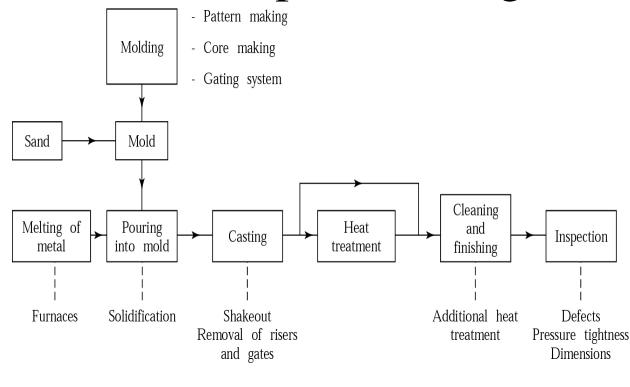
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Power Point Presentation

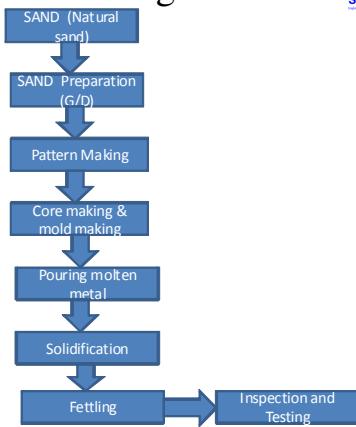
Casting Processes



Basic steps in Casting



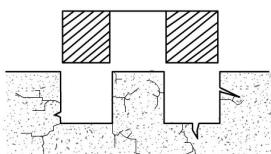
Basic steps in Casting Process



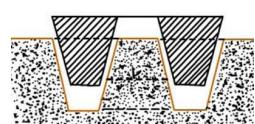
Draft or taper allowance

- The **taper** allowance is provided on **all vertical surfaces** of the pattern
- So that it can be removed from the sand without tearing the sides of the sand mold.

Without allowance



With allowance



Color Coding for Pattern



- ❖ Cast surface as cast- *black*
- ❖ Cast surface to be machined – *red*
- ❖ Core print seat – *yellow*
- ❖ Parting surface – clear or *no color*
- ❖ Loose piece and seating – *Red stripes on yellow base*
- ❖ Stop offs or supports – *black stripes on yellow background*

Allowance for Pattern

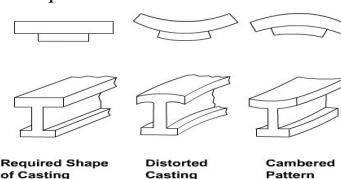
Metal	Size	Allowance (mm)
Cast Iron	Medium	3
	Large	10
Cast Steel	Medium	4.5
	Large	12
Non-Ferrous	Medium	1.5
	Large	5

Requirements

1. Easily worked, shaped and joined
2. Light in weight
3. Strong, hard and durable
4. Resistant to wear and abrasion
5. Resistant to corrosion, and to chemical reactions
6. Dimensionally stable and unaffected by variations in temperature and humidity
7. Available at low cost

Distortion or camber allowance

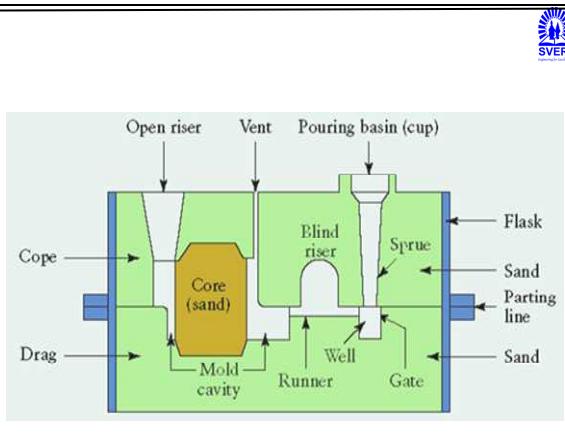
- The distortion in casting may occur due to **internal stresses**.
- These internal stresses are caused on account of **unequal cooling of different section of the casting**.
- for long and flat casting.
- For Unequal Thickness.



Types of Pattern



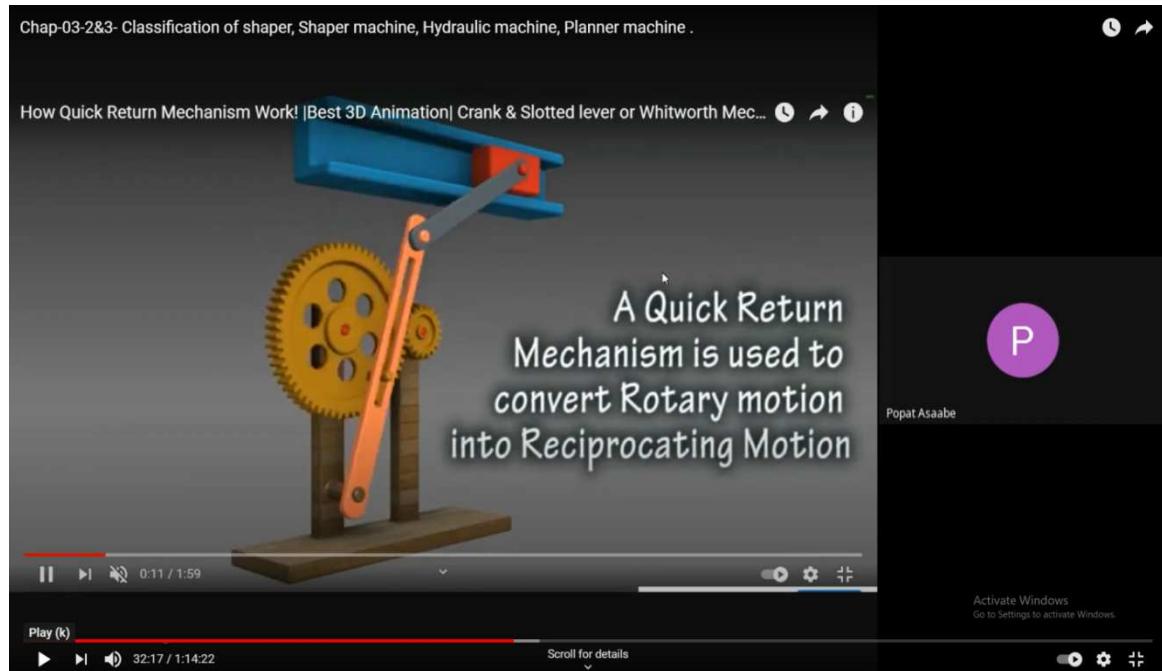
Types of Pattern.mp4



Video Demonstration during Lecture



Animation Demonstration during Lecture.



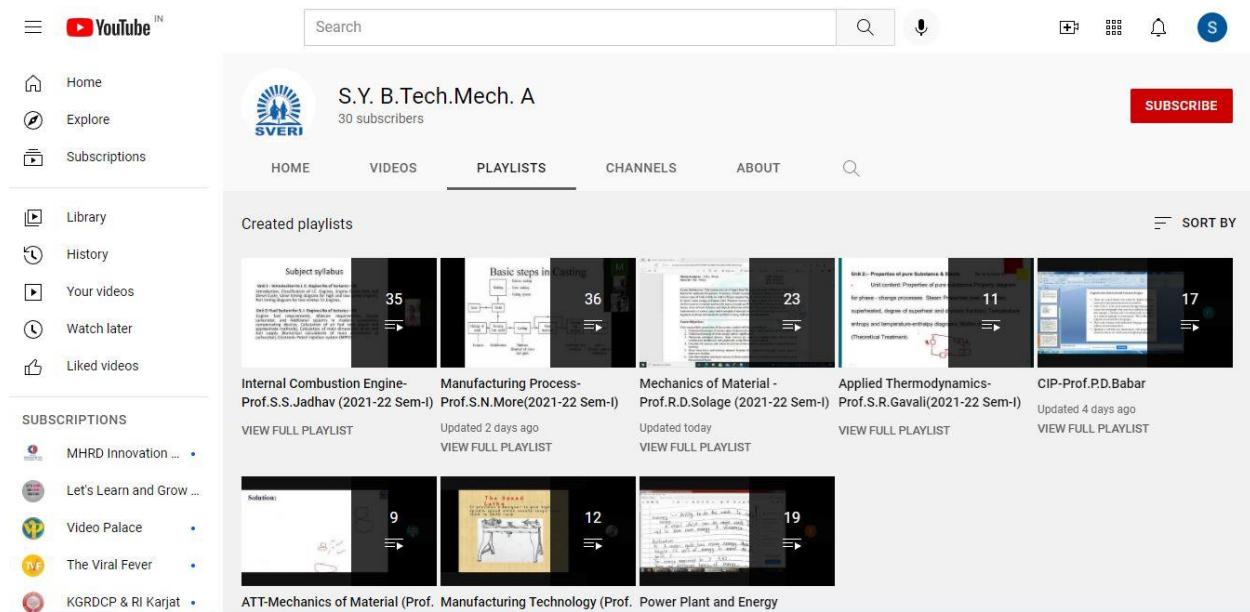


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Video Lectures

You Tube Channels of different class.

Class- S.Y.B.Tech_A

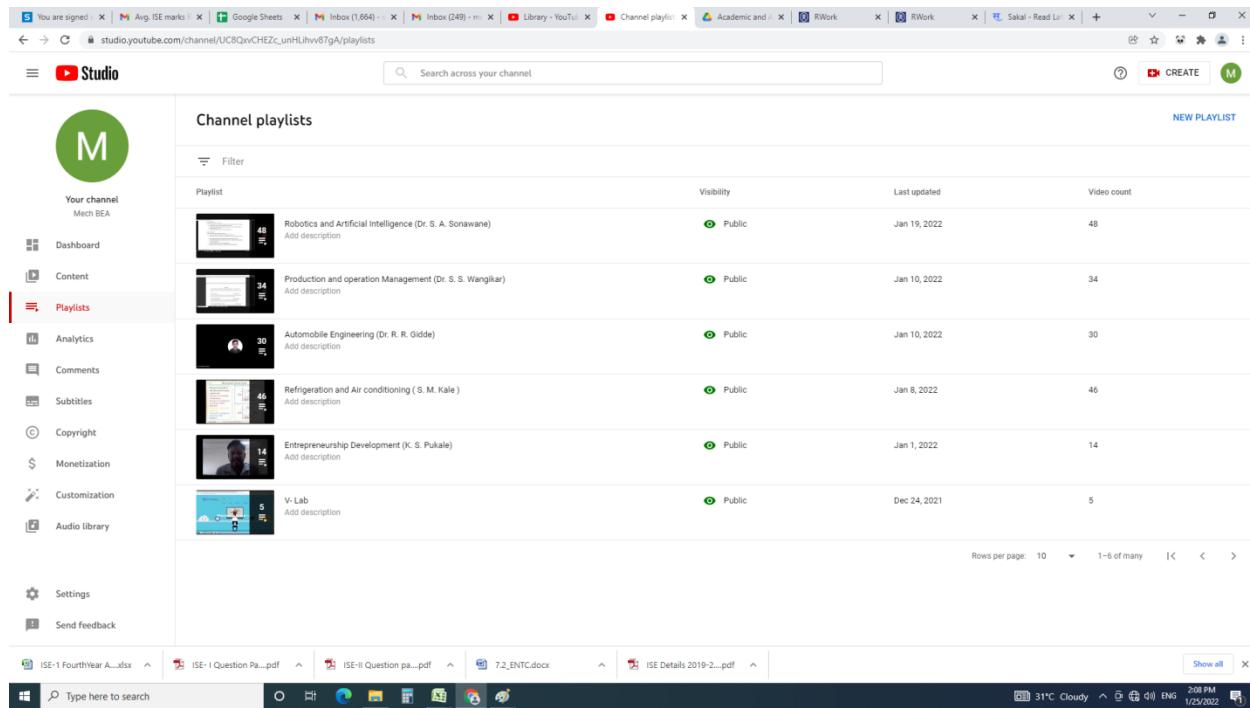


The screenshot shows the YouTube channel page for 'S.Y. B.Tech.Mech. A'. The channel has 30 subscribers. The navigation bar includes HOME, VIDEOS, PLAYLISTS (which is selected), CHANNELS, and ABOUT. The 'Created playlists' section displays five playlists with their respective video counts and descriptions:

- Internal Combustion Engine- Prof.S.S.Jadhav (2021-22 Sem-I) - 35 videos
- Manufacturing Process- Prof.S.N.More(2021-22 Sem-I) - 36 videos
- Mechanics of Material - Prof.R.D.Solage (2021-22 Sem-I) - 23 videos
- Applied Thermodynamics- Prof.S.R.Gavali(2021-22 Sem-I) - 11 videos
- ATT-Mechanics of Material (Prof. Manufacturing Technology (Prof. Power Plant and Energy) - 17 videos

On the left sidebar, there are links for Home, Explore, Subscriptions, Library, History, Your videos, Watch later, Liked videos, and Subscriptions. The 'Subscriptions' section lists several channels including MHRD Innovation, Let's Learn and Grow, Video Palace, The Viral Fever, and KGRDCP & RI Karjat.

Class- B.Tech_A



The screenshot shows the YouTube Studio interface for a channel named 'Mech BEA'. The left sidebar includes links for Dashboard, Content, Playlists (which is selected), Analytics, Comments, Subtitles, Copyright, Monetization, Customization, Audio library, Settings, and Send feedback. The main area displays 'Channel playlists' with the following data:

Playlist	Visibility	Last updated	Video count
Robotics and Artificial Intelligence (Dr. S. A. Sonawane)	Public	Jan 19, 2022	48
Production and operation Management (Dr. S. S. Wangkar)	Public	Jan 10, 2022	34
Automobile Engineering (Dr. R. R. Gidde)	Public	Jan 10, 2022	30
Refrigeration and Air conditioning (S. M. Kale)	Public	Jan 8, 2022	46
Entrepreneurship Development (K. S. Pukale)	Public	Jan 1, 2022	14
V-Lab	Public	Dec 24, 2021	5

At the bottom, there are tabs for ISE-1 FourthYear A...xlsx, ISE-I Question Pa...pdf, ISE-II Question pa...pdf, 7.2_ENTC.docx, and ISE Details 2019-2...pdf. The system status bar shows 31°C, Cloudy, 2:08 PM, ENG, and 1/25/2022.

Class wise Video lecture Links.

SE-A

https://docs.google.com/spreadsheets/d/e/2PACX-1vTzxI5GQJe3grAbW0tKT6WMbSr2joB6sJw67q9mfiH1DhVho_AYvDvZbPbVKHsOXlogdGJVgMek8HpO/pubhtml

SE-B

https://docs.google.com/spreadsheets/d/e/2PACX-1vRRSRUfQ6wScD9tVg2aD19xE9htaw7Q1ikqyUF99YqwtUOtqMD_dTipn0BJNMgKBWaSr9TKksRkK26m/pubhtml

TE-A

https://docs.google.com/spreadsheets/d/e/2PACX-1vTDhvK6S888WphCI0D71VExuR96w0W_sJbHniQusyZXqe-DHXiBOKPZhk7fKppM2gvMtfJSmGmH0tEA/pubhtml

TE-B

<https://docs.google.com/spreadsheets/d/e/2PACX-1vQ6Mm4PoRhTyGir-6XhaBdHLimcp0A5Afhhh-rmSgsJzOjLqC8ECsdZiO2A14K3nQ3vfjjOL1FlzF7g/pubhtml>

BE-B

https://docs.google.com/spreadsheets/d/e/2PACX-1vTL8GkTOJ_nvNzCEvOOAYnHQpBFsSn2x-UQsuO-NeiJCqM4Gbx39H8UCBo6oYz76tEXMckFE9v-rq4/pubhtml

Study Material Sheet

SVERI's College Of Engineering Pandharpur Department of Mechanical Engineering

Name of Mr. S.M.Khomane
Class & Final Year B. Tech. Div-B
Contact 9049349429
Email smkhomane@coe.sveri.ac.in

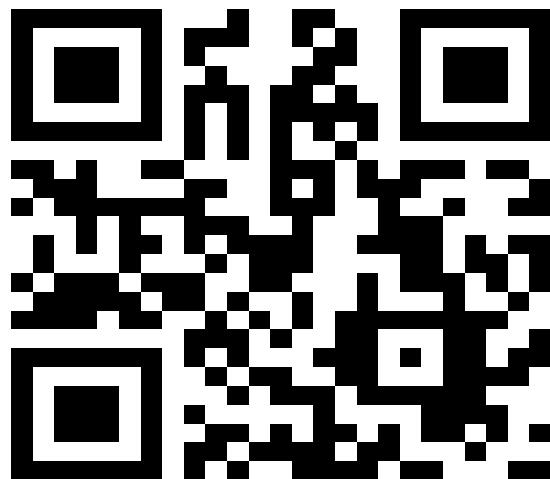


Sr. No	DATE	Time	Unit Number	Unit Name	Points Covered	Youtube Link of Lecture
1	22/9/2021	1.30-2.30	1	Introduction to Entrepreneurship	Introduction to subject and syllabus discussion	https://youtu.be/ANxf4azNU2k
2	23/9/2021	9.30-10.30			About title, central idea, importance, the objective of course , Case study of Nirma (Karsan Bh)	https://youtu.be/GOZ21GKrQJE
3	23/9/2021	1.30- 2.30			Difference betweDifference between Entrepreneur and businessman en Entrepreneur and businessman	https://youtu.be/MJdC40EuEbg
4	24/9/2021	12.30-1.30			Concept of entrepreneur and entrepreneurship and various definition, Importance of growth of entrepreneurial activity	https://youtu.be/Qcl_aD3Pt2k
5	28/9/2021	10.30-11.30			Social entrepreneurship,	https://youtu.be/2hVBC1zOOFM
6	29/9/2021	1.30-2.30			Characteristics and qualities of entrepreneurs,	https://youtu.be/bDr1v2caNaU
7	30/9/2021	9.30-10.30			Factors influencing entrepreneurial development and motivation,	https://youtu.be/Z8HKIM5vHoY
8	30/9/2021	1.30-2.30			Case study of Successful entrepreneur- Ramdas Mane	https://youtu.be/V1DE9DP-Ztk
9	7/10/2021	9.30-10.30			Discussion on a Case study of Successful entrepreneur- Ramdas Mane, Classification of entrepreneur	https://youtu.be/IewMKyh5UE4
10	7/10/2021	1.30-2.30			Classification of entrepreneur, Content Beyond Syllabus-Introduction to Ministry of Corporate affairs, MCQ discussion.	https://youtu.be/hdPFQHXoWZs
11	13/10/2021	10.00-11.00	2	Entrepreneurship Development	About title, central idea, importance, the objective of course ,Concept of EDP,	https://youtu.be/SKoZj69FGEs
12	14/10/2021	10.00-11.00			Objectives of EDP, Phases of EDP, Contents of EDP, Problems Faced by EDPs	https://youtu.be/JZbZzaHz9C8
13	14/10/2021	2.00-3.00			Online MCQ Test-01 on Unit No. 01	NA
14	20/10/2021	2.00-3.00			Problems Faced by Entrepreneur and their probable solutions	https://youtu.be/jTUutS4gv74
15	28/10/2021	2.00-3.00			Concept of Franchising	https://youtu.be/terlmhw5K9s
16	8/11/2021	11.00-12.00			Guidelines for purchasing Franchise, Types of Franchises, Case study on Women Entrepreneur-Vaijayanti Kathale	https://youtu.be/-vNpt_L4qJQ
17	10/11/2021	2.00-3.00			Concept of Outsourcing, Advantages and limitation, Fields of outsourcing, Concept of merger	https://youtu.be/K4mpNeHieaA
18	20/11/2021	10.00-11.00			Types of merger and MCQ discussion	https://youtu.be/AXexKKjgYQk
19	25/11/2021	2.00-3.00			Concept of SEZ, Content beyond the syllabus-Reverse engineering and import substitution	https://youtu.be/Xhw8kDpWN7c
20	27/11/2021	11.00-12.00			MCQ test -2 Based on Unit 02	-

Sr. No	DATE	Time	Unit Number	Unit Name	Points Covered	Youtube Link of Lecture
21	15/12/2021	2.00-3.00	3	Entrepreneurial Project Development	About title, central idea, importance, the objective of course, Idea generation – sources and methods,	https://youtu.be/EsiGynneXng
22	19/12/2021	11.00-12.00			Identification and classification of ideas, SWOT Analysis	https://youtu.be/oCPkKrCWrVo
23	20/12/2021	11.00-12.00			Case study on SWOT Analysis, Project report	https://youtu.be/xW2-n3K2FiU
24	21/12/2021	2.00-3.00			Business plan: Components , Lean Canvas	https://youtu.be/ur7vLGxvo0k
25	23/12/2021	11.00-12.00			Case Studies on lean canvas, Project Appraisal: its Types	https://youtu.be/5Z2fSwOboro
26	23/12/2021	2.00-3.00			Exercise on Lean Canvas	-
27	24/12/2021	3.30-4.30			Creativity: Steps in Creativity, Innovation and invention, MCQ discussion	https://youtu.be/CRwxExpWClo
28	27/12/2021	11.00-12.00			Exercise on SWOT Analysis	-
29	28/12/2021	10.00-11.00			About title, central idea, importance, the objective of course ,Concept of MSME	https://youtu.be/qTqjZ-hT3lk
30	29/12/2021	2.00-3.00			MCQ test -3 Based on Unit 03	-
31	30/12/2021	10.00-11.00	4	Micro-Small-Medium Enterprises and Support Systems	Ownership patterns : sole proprietorship, partnership, private limited company, Policies governing SMEs, Funding options available : angel investors, venture capitalists, commercial banks	https://youtu.be/oqw6Ua9DM4Y
32	02/01/2022	11.00-12.00			Support Systems: SIDBI, NABARD	https://youtu.be/VAORE_Q9wNQ
33	03/01/2022	11.00-12.00			Support Systems: SISI, DIC, MCED	https://youtu.be/sWhNIKQIAQw
34	04/01/2022	10.00-11.00			Support Systems: EDII, NIESBUD, EPC	https://youtu.be/ut7ZX41MT78
35	05/01/2022	01.30-02.30			Export potential of SME and elon musk case study	https://youtu.be/sCoN2Dt-9W4
36	06/01/2022	2.00-3.00			Remaining part of elon musk case study , Technology Buisenss incubation center, Taxasion benefits	https://youtu.be/SC5hR17ZcSA
37	07/01/2022	10.00-11.00			Bank loan procedure and documents required, Udyog Aadhaar, Role and registration	https://youtu.be/rdxQVy2QjT8
38	07/01/2022	03.30-04.30			IDC, MIDC, Role and land allotment, Case study of Social Entrepreneur: Ansu Gupta	https://youtu.be/rugXlW3QaVw
39	08/01/2022	10.00-11.00			Content beyond Syllabus: Turnaround Strategy, Case study: Hanumantrav Gaikwad (BVG Group)	https://youtu.be/7WABW3Q12zE
40	09/01/2022	10.00-11.00			session on Entrepreneurship and innovation as careeer opportunity	https://youtu.be/FOkb8qXRFU4
41	09/01/2022	11.00-12.00			session on Entrepreneurship and innovation as careeer opportunity	https://youtu.be/FOkb8qXRFU4
42	10/01/2022	10.00-11.00			Discussion on MCQ and Case study: Hanumantrav Gaikwad (BVG Group)	https://youtu.be/Ce3yg1A9JSc
43	12/01/2022	10.00-11.00			Mcq Test : 04 Based on Unut 04	-

You Tube Video QR Codes

Subject –Internal Combustion Engines



Subject – Machine Design.





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Learning Management Systems

- 1. Zoom Subscription Details.**
- 2. Google Workspace.**
- 3. R-Work**



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Zoom Subscription Details

Conducting Online Lectures we have using Zoom Platform.

Links

1. SYBTech_B(Mech):<https://zoom.us/j/9730646174?pwd=RkVIcHpQSVc4LytPa2Vzdmw0M1BOUT09>

2.TYBTech_A(Mech):<https://zoom.us/j/96791849890?pwd=cTBYR3d4WDJiY1phdmQ2UlR1RmU0QT09>

3.BTech_A(Mech):<https://zoom.us/j/95921034560?pwd=MHNsdu5wNVZucFVFMnY2aGFIRG01Zz09>

Tax Invoice

Original for Recipient and Duplicate for Supplier

zoom

ZVC India Private Limited
Raheja Platinum, No.06A113A,06A127, Sag Baug Road,
Marol, Andheri East, Mumbai, Mumbai City,
Maharashtra, 400059

Invoice Date: Nov 2, 2021
Invoice #: INV116025616
Payment Terms: Net 30
Due Date: Dec 2, 2021
Account Number: 7010246846
Currency: INR
Account Information: Shri Vithal Education & Research Institute

Name of Consignee (Place of supply): B. P. Ronge
Shri Vithal Education & Research Institute,
Pandharpur, Gopalpur-Ranjani Road, P. B. No.
54 Gopalpur,,
Pandharpur, Maharashtra 413304 (State
Code: 27)
India
0000000
zoom@sveri.ac.in

Name of Recipient (Billed to): B. P. Ronge
Shri Vithal Education & Research Institute,
Pandharpur, Gopalpur-Ranjani Road, P. B. No.
54 Gopalpur,,
Pandharpur, Maharashtra 413304 (State
Code: 27)
India
0000000
zoom@sveri.ac.in

Zoom GSTIN: 27AABCZ4218R1ZP
Zoom PAN: AABCZ4218R

For ACH and Wire Transfer payment:
Account Name: ZVC India Private Limited - Sales
Bank Name: Bank of America N.A.
Account Number: 73512025
RTGS/NEFT IFSC: BOFA0MM6205
MICR Code: 400032002
SWIFT Code: BOFAIN4XXXX

*No Cheque Payments for INR

Remittance Details should be sent to: Finance@zoom.us

Purchase Order Number:

Customer GSTIN:
Customer PAN:

Whether tax is payable on reverse charge basis - No.

[Zoom W-9](#)

[Question about your Digital Signature?](#)

Charge Details

CHARGE DESCRIPTION	SUBSCRIPTION PERIOD	SUBTOTAL	TAXES, FEES & OTHER CHARGES	TOTAL
Charge Name: Education Annual				
Quantity: 60 Unit Price: INR6,600.00 HSN of Goods/Services: HSN 998424	Nov 1, 2021-Oct 31, 2022	INR396,000.00	INR71,280.00	INR467,280.00
		Taxable Value		INR396,000.00
		Total (Including Tax)		INR467,280.00
		Invoice Balance		INR0.00

Taxes, Fees & Other Charge Details

CHARGE NAME	TAX, FEE OR SURCHARGE NAME	JURISDICTION	CHARGE AMOUNT	TAX, FEE OR OTHER CHARGE AMOUNT
Education Annual	SGST (Communications) 9.000%	Federal	INR396,000.00	INR35,640.00
Education Annual	CGST (Communications) 9.000%	Federal	INR396,000.00	INR35,640.00
Total Tax				INR71,280.00

Transactions

TRANSACTION DATE	TRANSACTION NUMBER	TRANSACTION TYPE	DESCRIPTION	APPLIED AMOUNT
Nov 29, 2021	P-134500961	Payment		(INR467,280.00)
Invoice Balance				INR0.00

Need help understanding your invoice?

[CLICK HERE](#)



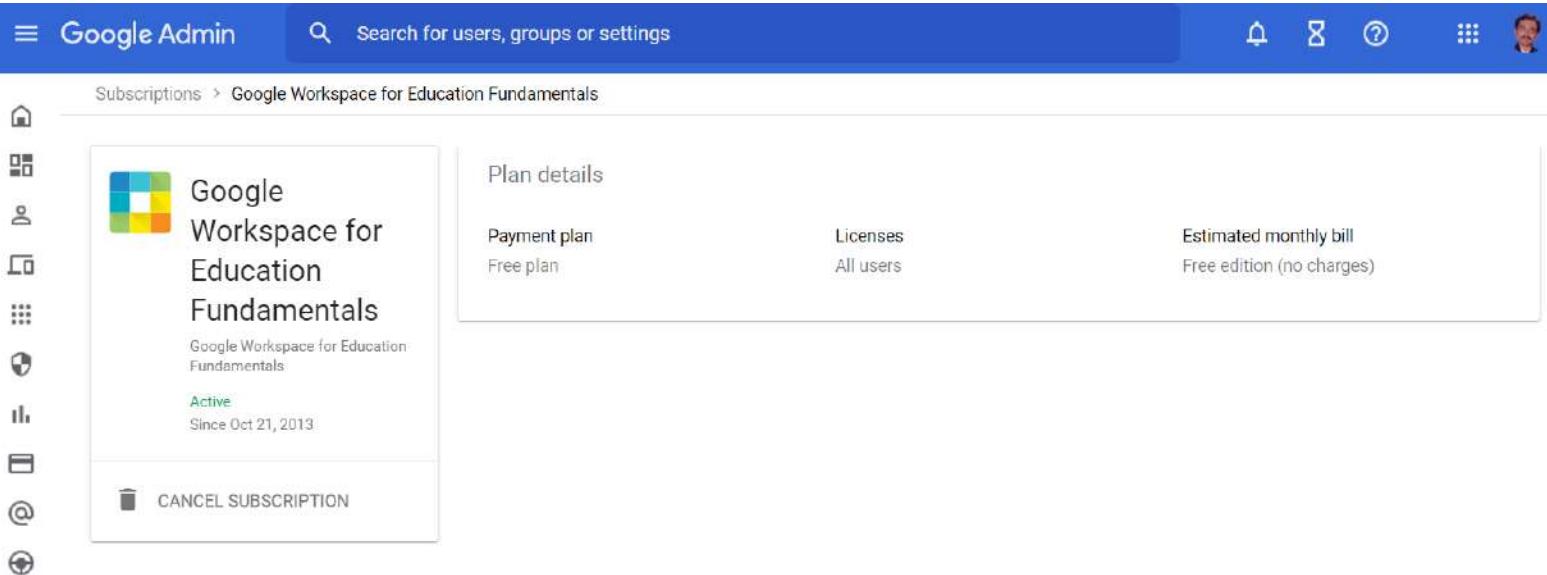
**Shri Vithal Education & Research Institute's
College of Engineering, Pandharpur**

Google Workspace for Education Fundamentals

Google Workspace Details

≡ Google Admin Search for users, groups or settings

Subscriptions > Google Workspace for Education Fundamentals



Google Workspace for Education Fundamentals

Plan details

Payment plan: Free plan

Licenses: All users

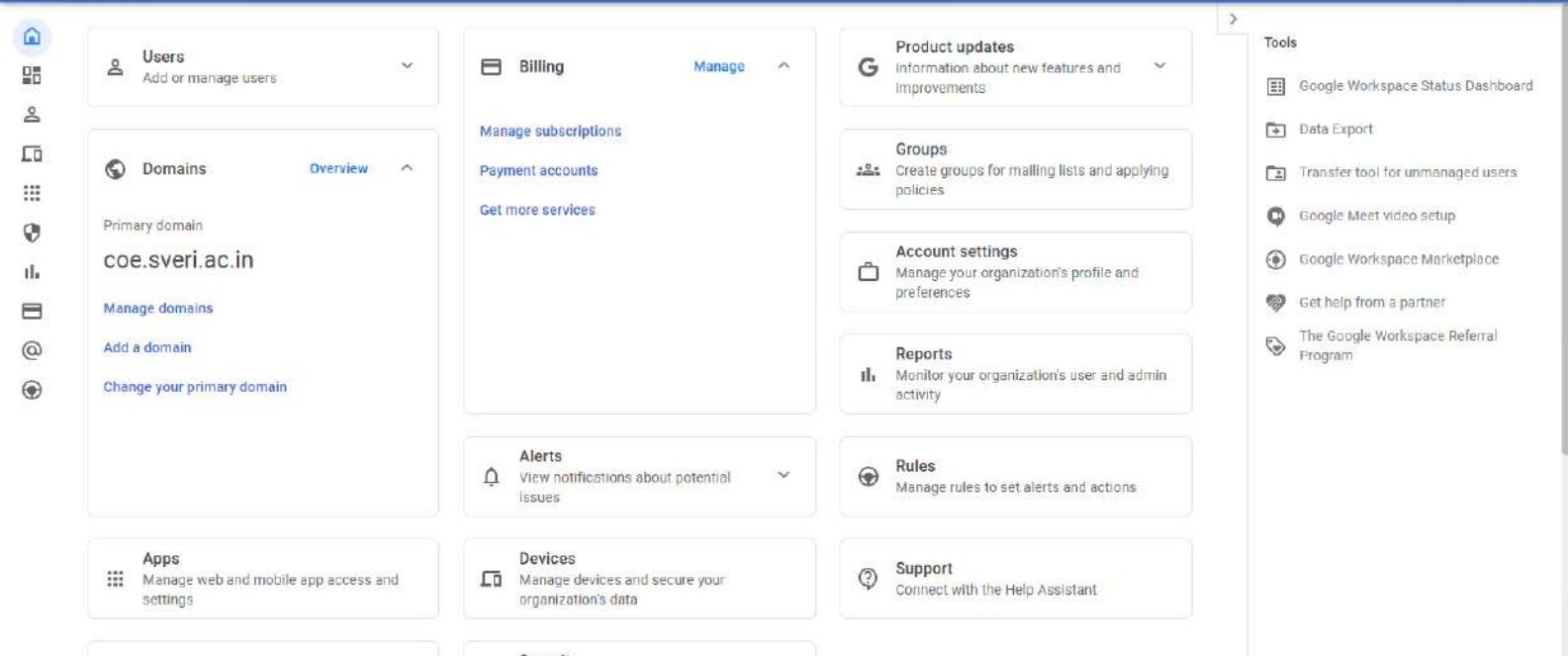
Estimated monthly bill: Free edition (no charges)

Google Workspace for Education Fundamentals

Active

Since Oct 21, 2013

CANCEL SUBSCRIPTION



The screenshot shows the Google Admin Home page. The left sidebar includes links for Users, Domains (primary domain: coe.sveri.ac.in), and Apps. The main content area is divided into several cards: Billing (Manage), Product updates (Information about new features and improvements), Groups (Create groups for mailing lists and applying policies), Account settings (Manage your organization's profile and preferences), Reports (Monitor your organization's user and admin activity), Alerts (View notifications about potential issues), Rules (Manage rules to set alerts and actions), Devices (Manage devices and secure your organization's data), and Support (Connect with the Help Assistant). A right sidebar titled 'Tools' lists various resources: Google Workspace Status Dashboard, Data Export, Transfer tool for unmanaged users, Google Meet video setup, Google Workspace Marketplace, Get help from a partner, and The Google Workspace Referral Program.

Users
Add or manage users

Domains Overview
Primary domain
coe.sveri.ac.in
Manage domains
Add a domain
Change your primary domain

Apps
Manage web and mobile app access and settings

Billing Manage

- Manage subscriptions
- Payment accounts
- Get more services

Product updates
Information about new features and improvements

Groups
Create groups for mailing lists and applying policies

Account settings
Manage your organization's profile and preferences

Reports
Monitor your organization's user and admin activity

Alerts
View notifications about potential issues

Rules
Manage rules to set alerts and actions

Devices
Manage devices and secure your organization's data

Support
Connect with the Help Assistant

Tools

- Google Workspace Status Dashboard
- Data Export
- Transfer tool for unmanaged users
- Google Meet video setup
- Google Workspace Marketplace
- Get help from a partner
- The Google Workspace Referral Program



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

R-Work (LMS)



Date: 01/01/2019

To
The President,
Shri Vithal Education and Research Institute (SVERI),
Pandharpur-413304.

Subject: Regarding ERP-RWork for Shri Vithal Education and Research Institute (SVERI)

Respected Sir,

The directors of the Board of our Company are the members of Trust Shri Vithal Education and Research Institute (SVERI), Pandharpur. In view of this, we are providing ERP-RWork to the following institutes of SVERI at free of cost.

- 1) SVERI's College of Engineering, Pandharpur
- 2) SVERI's College of Engineering (Poly.), Pandharpur
- 3) SVERI's College of Pharmacy, Pandharpur
- 4) SVERI's College of Pharmacy (Poly.), Pandharpur

The details of the modules are attached as Annexure-I

Yours Sincerely,

A handwritten signature in black ink, appearing to read 'Suraj B. Ronge'.

Suraj B. Ronge
Director

RSense Technology Solutions Pvt. Ltd.
CIN Number: U72900PN2018PTC179746

Registered Office:
Plot No. 16, Gat No. 58, Golden Colony,



ANNEXURE-I

Details of the modules be provided as follows:

1. NBA - UG Tier II

- a. Criteria 1 (1.1., 1.2., 1.5.)
- b. Criteria 2 (2.2.2.C., 2.2.2.D.)
- c. Criteria 3 (3.1.1., 3.1.2., 3.1.3., 3.2.2., 3.3.2.)
- d. Criteria 4 (General Reports, 4.1., 4.2.1., 4.2.2, 4.3., 4.4., 4.6.2., 4.6.3.)
- e. Criteria 5 (General Reports, 5.1., 5.1.1, 5.2., 5.3., 5.4., 5.5., 5.6., 5.7.1.A., 5.7.1.B., 5.7.2, 5.7.3.A., 5.7.3.B., 5.7.3.C., 5.7.3.D., 5.7.4, 5.9.)
- f. Criteria 7 (7.1.)
- g. Criteria 8 (8.1., 8.2., 8.3., 8.4.2, 8.5.1., 8.5.2.)
- h. Criteria 9 (9.7.A., 9.7.B.)
- i. Criteria 10 (10.1.1.)

2. NBA - PG Engg

- a. Part B (1., 3., 4.)
- b. Criteria 1 (1.2.1.A-B, 1.2.1.C., 1.2.1.D., 1.2.3.C., 1.2.3.E., 1.2.3.F.)
- c. Criteria 2 (2.1., 2.2.2.)
- d. Criteria 3 (General Reports, 3.1., 3.2., 3.4.1.)
- e. Criteria 4 (General Reports, 4.1., 4.2.1., 4.2.2, 4.3., 4.4.1., 4.4.2.)
- f. Criteria 6 (6.1.A., 6.1.B-C.)

3. RWork Settings

- a. Institute Details
- b. Academic Year
- c. Administrative Departments
- d. Academic Departments
- e. Programs
- f. Term Duration
- g. Reset User Password
- h. Bank Details
- i. System Profiles
- j. Access Rights (User Type)
- k. Access Rights (Position)
- l. Access Rights (Department)
- m. Access Rights (Employee)



4. Employee Record

- a. Dashboard
- b. Create Employee
- c. Employee Record
- d. Employee Profile

5. Admissions

- a. Dashboard
- b. Admit Students
- c. Student Record
- d. Cancel Admission
- e. Branch Transfer

6. Student Center

- a. Student Information
- b. Student Profile
- c. Student Promotion (Student-wise)
- d. Student Promotion (Class-wise)

7. Employee Profile

8. Academics

- a. Dashboard
- b. Timetable and Attendance
- c. Vision & Mission
- d. Program Management
- e. Course Evaluation Tools
- f. Course Management
- g. Student Enrollment
- h. Evaluation

9. First Year Academics

- a. Timetable and Attendance
- b. Course Management
- c. Student Enrollment
- d. Evaluation

10. Examination

- a. Exam Form
- b. Result
- c. Student Promotion (Class-wise)
- d. Student Promotion (Student-wise)

RSense Technology Solutions Pvt. Ltd.
CIN Number: U72900PN2018PTC179746

Registered Office:
Plot No. 16, Gata No. 58, Golden Colony,



11. Document Issuance

- a. Bonafide Certificate
- b. Transference Certificate

12. My Dashboard

RSense Technology Solutions Pvt. Ltd.
CIN Number: U72900PN2018PTC179746

Registered Office:
Plot No. 16, Gat No. 58, Golden Colony,



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

ICT Tools for Course Delivery



SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's

COLLEGE OF ENGINEERING, PANDHARPUR

P.B. No. 54, Gopalpur -Ranjanji 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



ISO 9001:2015



Sr. No.	Name of Activity	Purpose
1	Google Classroom	To provides a central location to communicate with students, ask questions, and make assignments
2	Smart Board	Smart Board approach helps the instructor to adopt innovative content delivery style. It improves student learning, enhances literacy, and boosts attentiveness.
3.	Tablets	Tablets are used for online teaching of mathematical and drawing related Courses.
4	LCD Projector	An LCD projector is a type of video projector for displaying video, images or computer data on a screen or other flat surface. It is a modern equivalent of the slide projector or overhead projector.

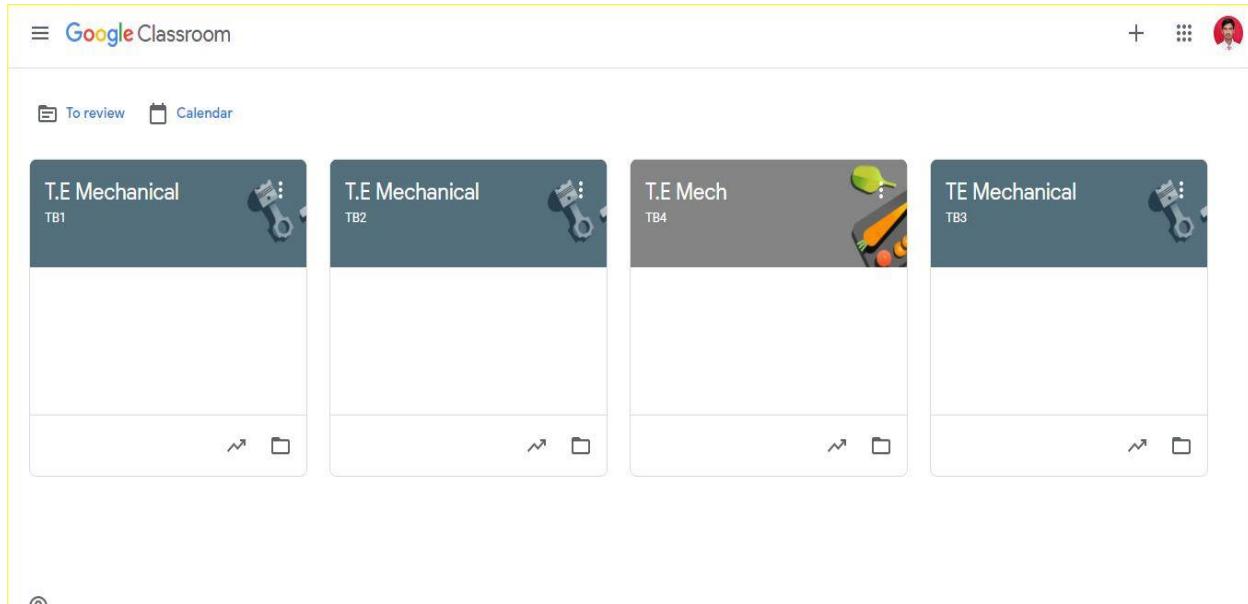


**Shri Vithal Education & Research Institute's
College of Engineering, Pandharpur**

Use of Google Classroom

Use of Google Classroom

1. Assigned Subject & Batches.

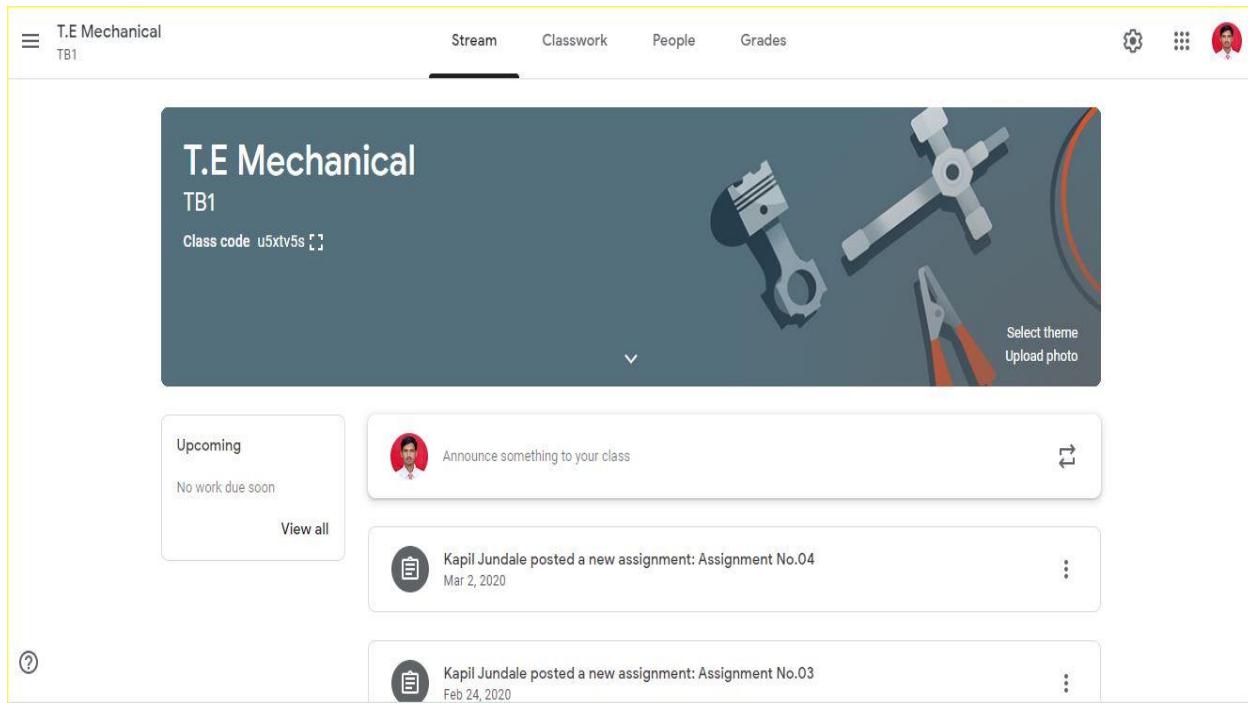


The screenshot shows the Google Classroom interface with four assigned subjects listed:

- T.E Mechanical TB1
- T.E Mechanical TB2
- T.E Mech TB4
- TE Mechanical TB3

Each subject entry includes a gear icon and a folder icon below it.

2. Stream.



The screenshot shows the Google Classroom Stream for the class T.E Mechanical TB1. The stream includes:

- A post by Kapil Jundale with the class code `u5x1v5s`.
- Two recent assignments posted by Kapil Jundale:

 - Assignment No.04 posted on Mar 2, 2020.
 - Assignment No.03 posted on Feb 24, 2020.

3. Class work.

The screenshot shows a classwork assignment titled "Assignment No.01" with a total of 12 submissions turned in and 4 assigned. The interface includes a sidebar for "All students" and a main area for viewing individual submissions. Each submission card displays the student's name, the file name, and the status (Turned in or Assigned). The submission cards for Aakash Valsange, Abhishek Kshirsagar, and Aftab Mulani are visible, along with a preview of the file content.

Student	File Name	Status
Aakash Valsange	New Microsoft Office ...	Turned in
Abhishek Kshirsagar	abhi1920.docx	Turned in
Aftab Mulani	AFTAB SCILAB 1.docx	Turned in
Ganesh kumbhar	Experiment no 1.rtf	Turned in

4. People.

The screenshot shows a list of "Teachers" and "Students". There is one teacher listed: Kapil Jundale. There are 16 students listed: Aakash Valsange, Abhishek Kshirsagar, and Aftab Mulani. The interface includes a sidebar for "All students" and a main area for viewing individual student profiles. Each student profile card displays the student's name and a preview of the file content. A "Show all" button is visible at the bottom right.

Student	File Name
Aakash Valsange	poem order-4-conve....pdf
Abhishek Kshirsagar	poem order-4-con....docx
Aftab Mulani	poemorders_semi1.zip

5. Grades.

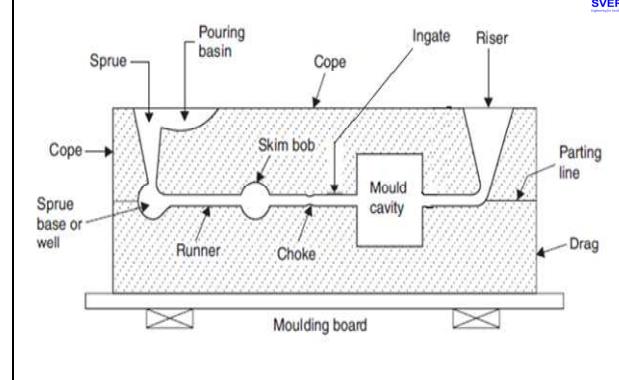
T.E Mechanical TB2		Stream	Classwork	People	Grades	⚙️	grid	👤
Sort by last name ▾		No due date Assignment No.04 out of 100	No due date Assignment No.03 out of 100	Jan 31, 2023 Assignment No.02 out of 100	No due date Assignment No.01 out of 100			
 Class average								
 Aakash Valsange		80 Draft	79 Draft	72 Draft	80 Draft			
 Abhishek Kshirsagar		77 Draft	72 Draft	70 Draft	82 Draft			
 Aftab Mulani		81 Draft	82 Draft	85 Draft	80 Draft			
 Ganesh kumbhar		50 Draft	62 Draft	68 Draft	75 Draft			
 Gaurav T		80 Draft	81 Draft	85 Draft	80 Draft			
 PM Status		66 Draft	72 Draft	73 Draft	77 Draft			



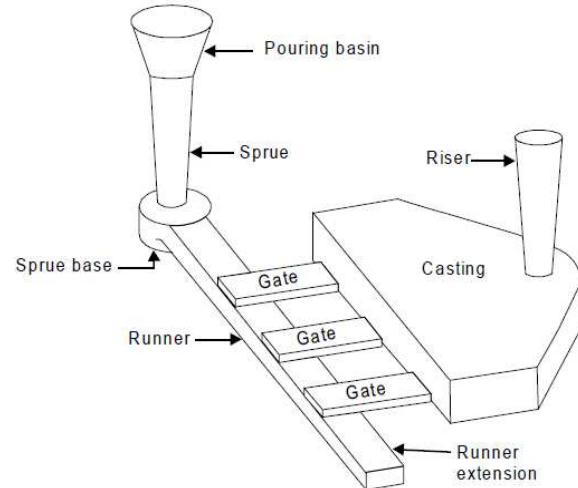
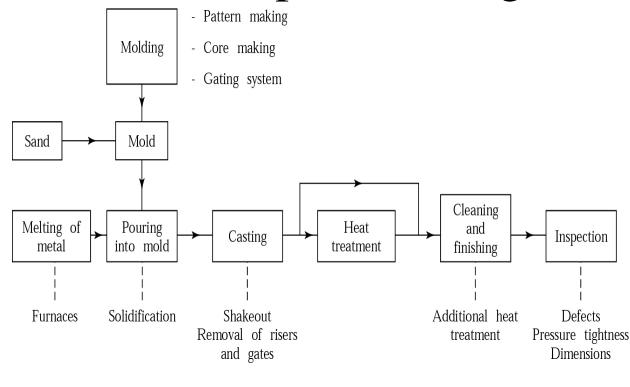
**Shri Vithal Education & Research Institute's
College of Engineering, Pandharpur**

Visualization

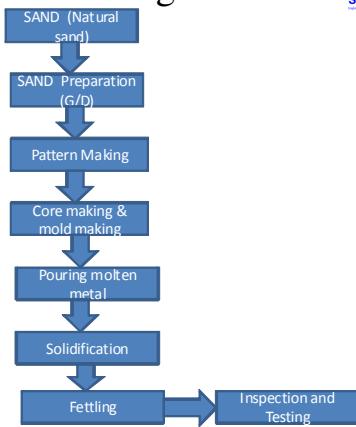
Casting Processes



Basic steps in Casting



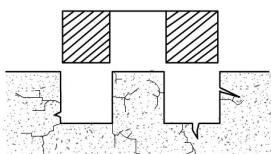
Basic steps in Casting Process



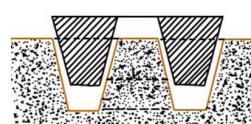
Draft or taper allowance

- The **taper** allowance is provided on **all vertical surfaces** of the pattern
- So that it can be removed from the sand without tearing the sides of the sand mold.

Without allowance



With allowance



Color Coding for Pattern



- ❖ Cast surface as cast- *black*
- ❖ Cast surface to be machined – *red*
- ❖ Core print seat – *yellow*
- ❖ Parting surface – clear or *no color*
- ❖ Loose piece and seating – *Red stripes on yellow base*
- ❖ Stop offs or supports – *black stripes on yellow background*

Allowance for Pattern

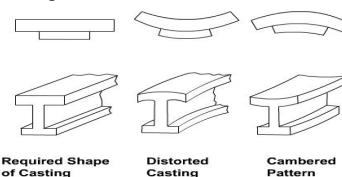
Metal	Size	Allowance (mm)
Cast Iron	Medium	3
	Large	10
Cast Steel	Medium	4.5
	Large	12
Non-Ferrous	Medium	1.5
	Large	5

Requirements

1. Easily worked, shaped and joined
2. Light in weight
3. Strong, hard and durable
4. Resistant to wear and abrasion
5. Resistant to corrosion, and to chemical reactions
6. Dimensionally stable and unaffected by variations in temperature and humidity
7. Available at low cost

Distortion or camber allowance

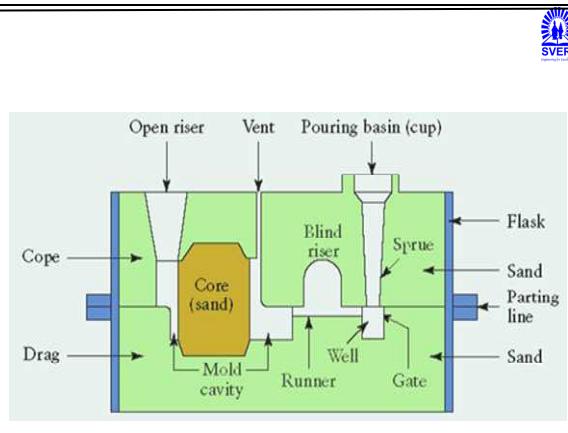
- The distortion in casting may occur due to **internal stresses**.
- These internal stresses are caused on account of **unequal cooling of different section of the casting**.
- for long and flat casting.
- For Unequal Thickness.



Types of Pattern



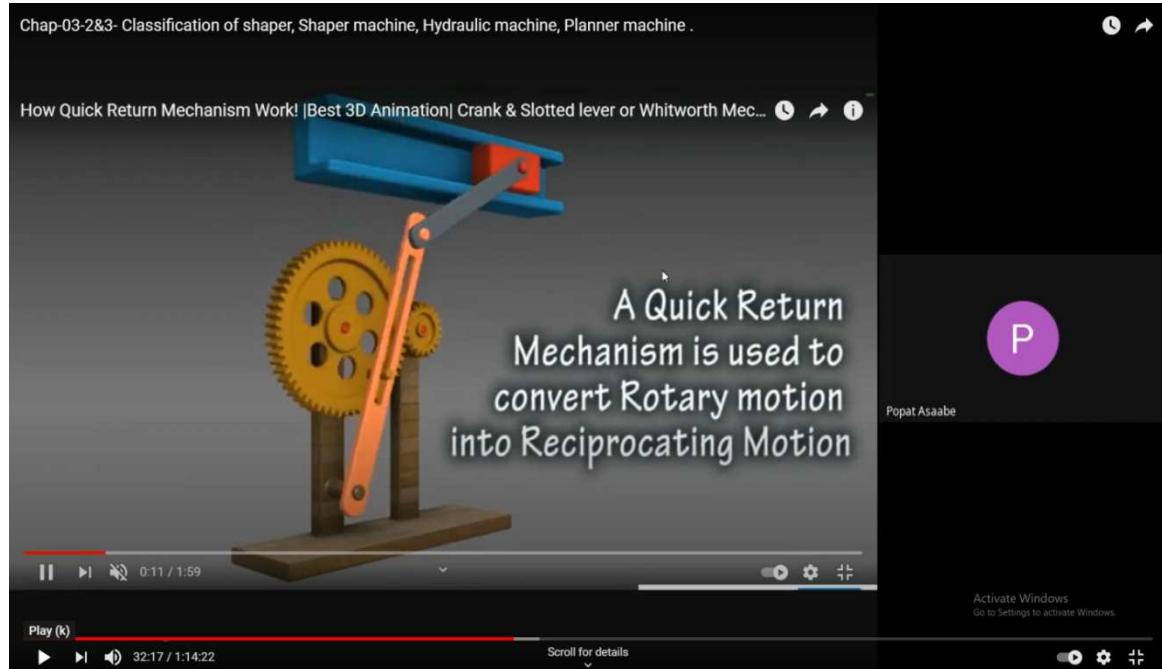
Types of Pattern.mp4



Video Demonstration during Lecture



Animation Demonstration during Lecture.







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

Use of Smart Board and Wacom Tablets

Purchase Order of Smart Board



SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S COLLEGE OF ENGINEERING, PANDHARPUR

Gopalpur-Ranjani Road, Gopalpur, P.B. No. 54, Tq- Pandharpur-413 304
Dist:- Solapur(Maharastra) Ph:(02186) 225083, Fax:(02186) 225082
(Approved by AICTE, New Delhi and Affiliated to Solapur University, Solapur)
WebSite:www.sveri.ac.in, Email:-contact@sveri.ac.in

Ref: No. COEPR/2013-14/9 to

Date: 19/09/2013

To,
Tutelmids Educational Solutions Pvt. Ltd.,
4, Matru-Ashish Apt., Opp. Nisha Apt-1,
Tin Batti, Kaji's Maidan,
Gopipura, Surat-395001.

Subject: - Purchase order for SMART BOARD System.

Ref.: 1. Your quotation dated 14/04/2013 and further negotiation.
2. Our Letter No. COEPR/2013-2014/R&D/367 dated 20/06/2013.

Dear Sir,

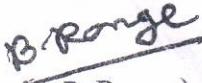
With above references, we are pleased to place the order for purchase of SMART BOARD System for various departments in our Institute as per the details given in ANNEXURE - I enclosed.

The order is subject to the following terms and conditions:

1. Acceptance of material is subject to prior inspection and approval from our side.
2. Prices are inclusive of all taxes, duties, packing, forwarding, transportation up to our Institute, Installation and demonstration.
3. Projector stands and wires required for installation of smart boards will be provided from your side and installation shall be your responsibility at your cost. However, the projector will be provided by the Institute.
4. Delivery within two weeks.
5. Door delivery and installation with manuals, drivers and warranty cards.
6. Box seals be opened in our presence.
7. Warranty: - Five Years onsite comprehensive warranty from the date of satisfactory demonstration.
8. Payment :
 - a. 90% against delivery, installation and satisfactory demonstration.
 - b. Balance 10% after one month from the date of satisfactory demonstration subject to satisfactory performance.

Thanking you,

Yours faithfully,


(Dr. B. P. Ronge)
PRINCIPAL



SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S
COLLEGE OF ENGINEERING, PANDHARPUR

Gopalpur-Ranjani Road, Gopalpur, P.B. No. 54, Tq- Pandharpur-413 304
Dist:- Solapur(Maharastra) Ph:(02186) 225083, Fax:(02186) 225082
(Approved by AICTE, New Delhi and Affiliated to Solapur University, Solapur)
WebSite:www.sveri.ac.in. Email:-contact@sveri.ac.in

ANNEXURE - I

Sr. No.	Particulars	Qty.	Rate in Rs.	Amount in Rs.
1.	<p><u>Interactive whiteboard: Smart Board- SB480</u></p> <p>77" 4:3 interactive whiteboard DViT™ technology Touch sensitive, Multi touch Durable steel backboard Dry-erase compatible Size 63 3/16" W × 50 1/16" H × 5 1/16" D (160.5 × 127.2 × 12.8 cm) Active screen area (maximum interactive, projected image) 61 5/8" × 46 3/16" (156.5 × 117.3 cm) 77" (195.6 cm) diagonal 4:3 aspect ratio Compatible with Windows® and Linux® 5 year warranty</p> <p>Projector stand and wire required for Installation including installation.</p>	04	47000/-	1,88,000/-
			Total	1,88,000/-

In words Rs. One Lac Eighty Eight Thousand only.

B. Ronge
(Dr. B. P. Ronge)
PRINCIPAL

Tutelmids

Py. cumdild Yatenge
An ISO 9001:2003 Certified Company

RETAIL INVOICE		DISPATCH DETAILS	
Invoice No.	: 26	Transport :	
Invoice Date	: 26/09/2013	Date :	
P.O. No.	: COEPR/13-14/910	L R No. :	
Due Date	: 27/09/2013	From :	
		To :	

Shipped From :
 TUTELMIDS EDUCATIONAL SOLUTIONS PVT.LTD.
 4. MATRU-ASHISH APT
 OPP. NISHA APT-1, TIN-BATTI, KAJI
 MAIDAN, GOPALPUR, SURAT-395001

Desk Phone : 0261-2597331, 32, 33
 Email : info@tutelmids.com
 VAT No.: 24221401838 DT:-16.07.2011 PAN : AADCT8709M
 CST No.: 24721401838 DT:-18.07.2011 SER. TAX No. : AADCT8709MSD001

Bill To :
SVERI COLLEGE OF ENGINEERING
 GOPALPUR-RANJANI ROAD
 P.B.NO-54
 GOPALPUR
 PANDHARPUR 413304
 PH No. 02186-225083/225082,
 TIN NO. :

Ship To :
SVERI COLLEGE OF ENGINEERING
 GOPALPUR-RANJANI ROAD
 P.B.NO-54
 GOPALPUR
 PANDHARPUR

SR.	DESCRIPTION	UNIT	UNIT COST	TAX RATE	NET RATE	AMOUNT
	SMART BOARD-SB480 SR:SB480-C2-066329,SB480-C2-066362,SB480-C2-066364,SB480-C2-066365	4	44761.91	0.00	44761.91	179047.62

TOTAL QTY	SUB TOTAL	DISCOUNT	SERVICE TAX	CST	ADDI.TAX	FREIGHT	ROUND UP	GRAND TOTAL
4	179047.62			8952.38				188000.00

Amount In Words : One iakhs eighty eight thousand only

Terms Of Payment

Interest @ 36 % P.A. will be charged if bill is not paid within 1 day. Penalty for cheque bounce will be charged Rs. 500/- per cheque per bounce and penalty interest @36% will be payable on bounced cheque amount from due date to the date of realisation. Payment to be made by cheque or draft should drawn in favor of TUTELMIDS EDUCATIONAL SOLUTIONS PVT.LTD.

Terms of Sales & Warranty

- (1) Any Complaint of goods should be logged to us within 2 days. Subject to Surat jurisdiction only.
- (2) Goods Resale: Loose parts & Components supplied in same form & condition as purchased.
- (3) Warranty on all equipment's is as per standard manufacturers policy.
- (4) We are not responsible for any loss or damage during transits.
- (5) We are not providing any kind of counterfeit software except bundle with products.

Received By :

Date :

Sign :

For, TUTELMIDS EDUCATIONAL SOLUTIONS

SURAT
Autonized Signature

Wacom Tablet Purchase Order

SCHOLAR MARKETING 2020-2021 New
4643/2 GATADE PLOT, SHELAKE VASTI
PANDHARPUR TAL PANDHARUR
DIST SOLAPUR
02186-229651, 9422069146, 7020508406
GSTIN/UIN: 27ALOMP7892H1ZA
State Name : Maharashtra, Code : 27
E-Mail : scholarsoft@gmail.com

Buyer
College of Engineering
Gopalpur
State Name : Maharashtra, Code : 27

Invoice No. SM/840	Dated 3-Mar-2021
Delivery Note	
Supplier's Ref. debit memo	Other Reference(s)
Despatch Document No.	Delivery Note Date
Despatched through	Destination

Amount Chargeable (in words)

Fourteen Thousand Four Hundred RUPEE Only

100 RS.
E. & Q.F.

Company's PAN : AOPM7892H

Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Company's Bank Details
Bank Name : HDFC Bank Ltd N0.50200033650683
A/c No. : 50200033650683
Branch & IFS Code : Panvel

Customer's Seal and Signature

SUBJECT TO PANDHARPUR JURISDICTION

This is a Computer Generated Invoice

Authorised Signatory

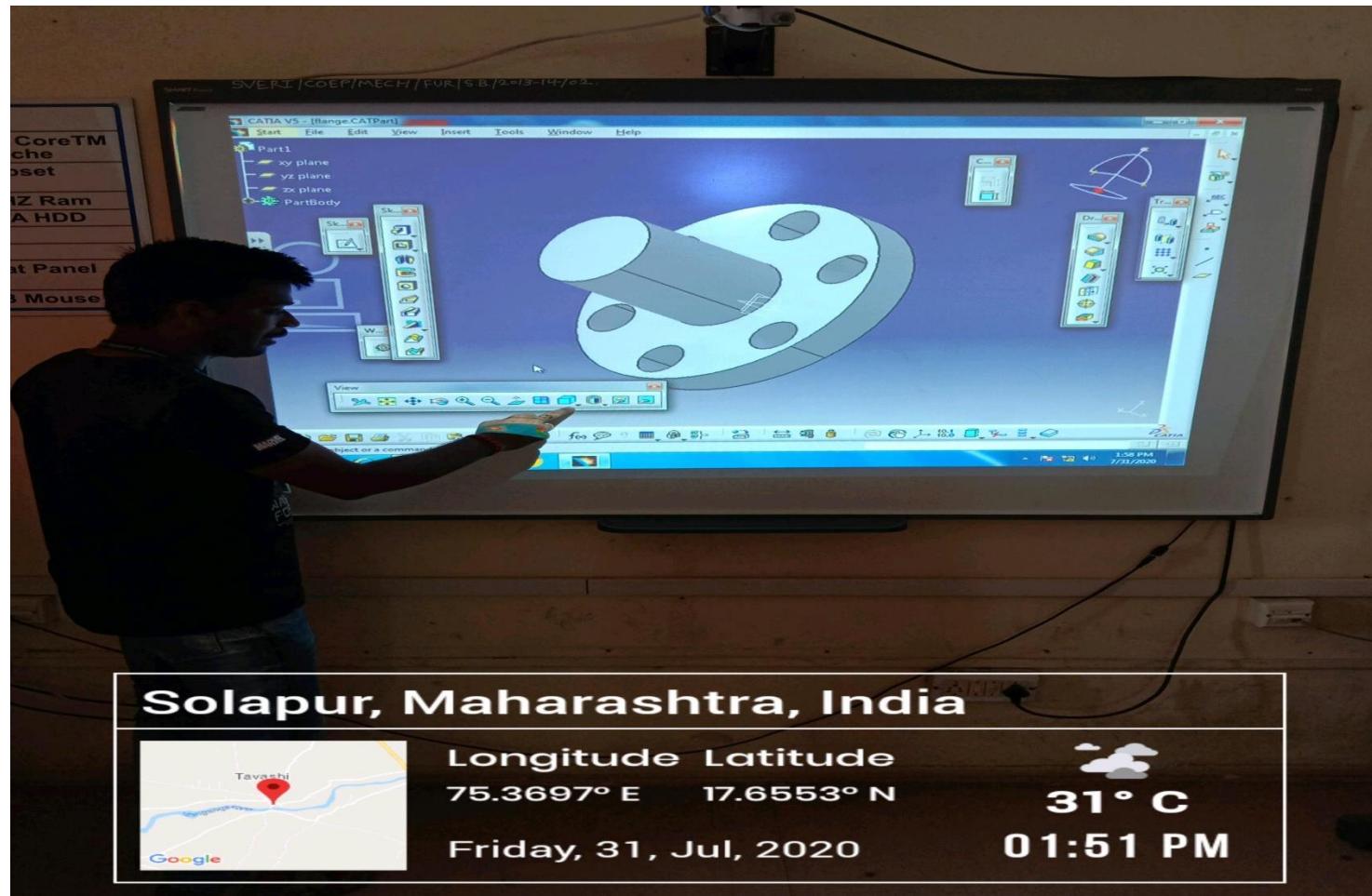
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SVERI's College of Engineering, Pandharpur

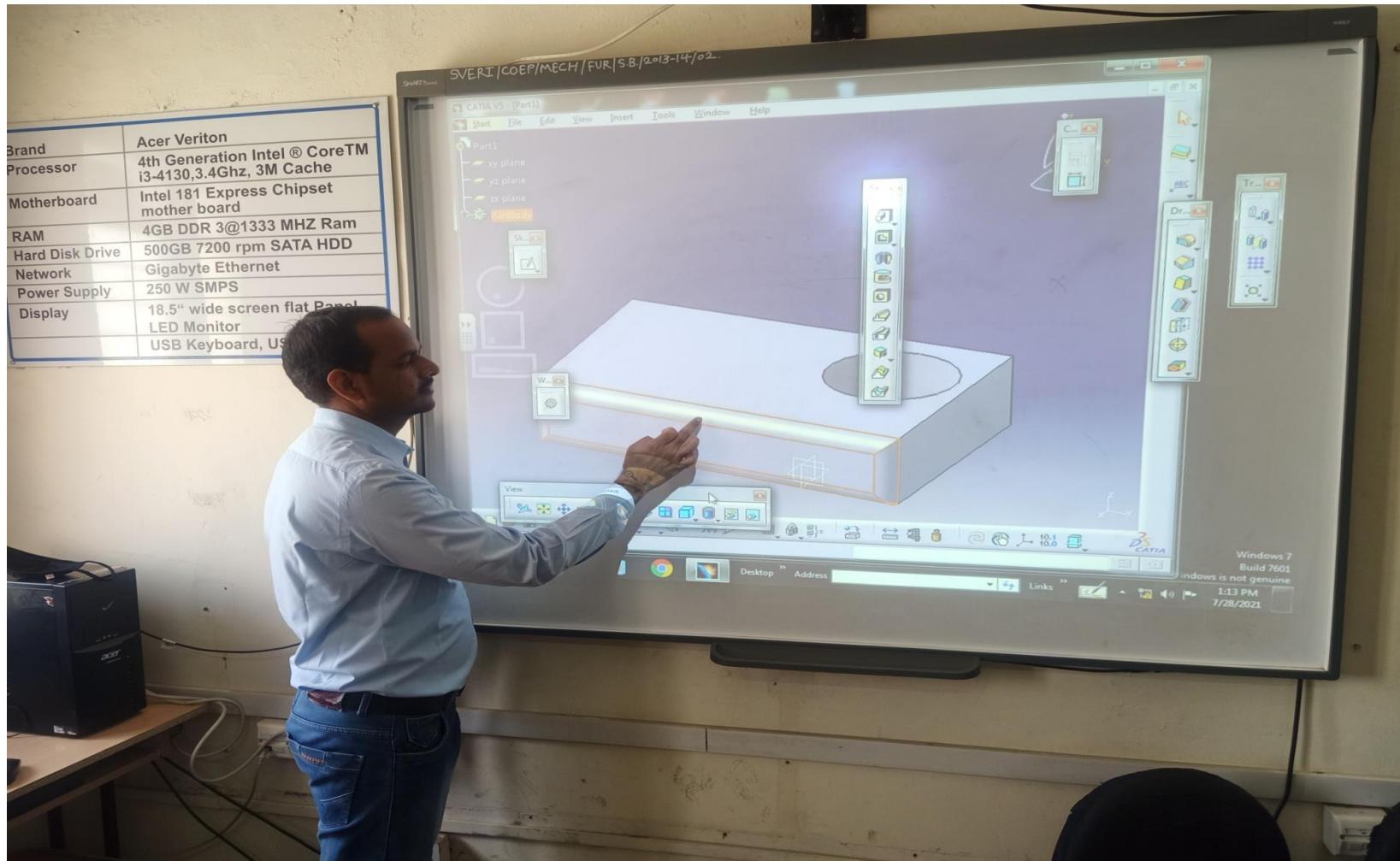
Department of Mechanical Engineering

Use of Smart board for the subjects like AutoCAD, CATIA etc.

1. Subject- CATIA Practical.

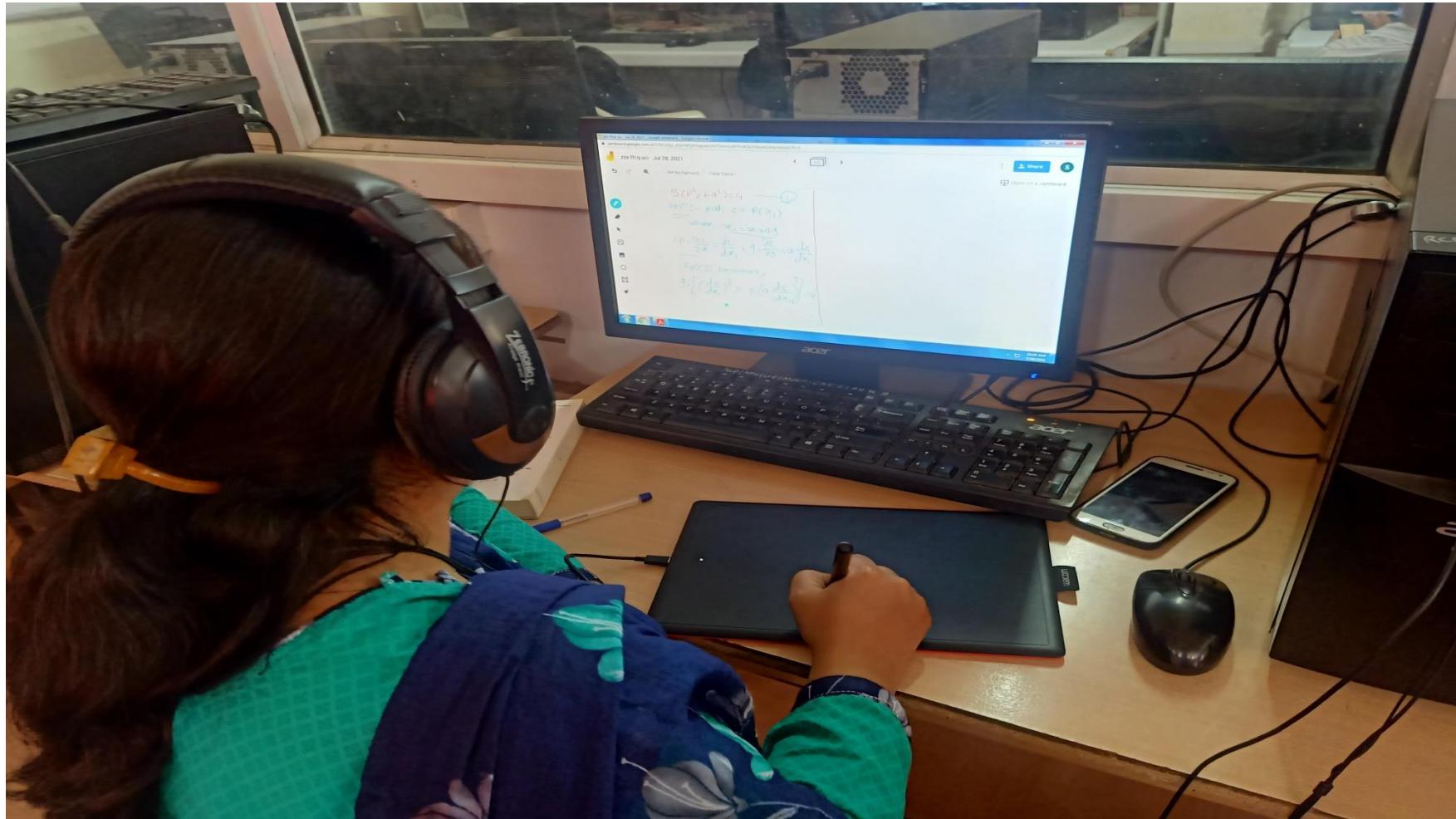


2. Subject-CATIA Practical.



Use of tablets for online teaching of Mathematical & Drawing Related Subjects.

1. Subject- M-III



2. Subject-Machine Design

Beam Strength and Wear Strength of Helical Gears, Effective Load and related Numericals

As both the gears are made up of same material, pinion is weaker than gear

1) Beam Strength \rightarrow

$$S_b = M_{n,b} b_{66} Y$$
$$\text{Virtual no. of teeth } Z_p = \frac{Z_p}{\cos^2 \phi} = \frac{20}{\cos^2 25}$$
$$Z_p = 26.87 \approx 27$$
$$S_b = 4 \times 40 \times 200 \times 0.3475$$
$$S_b = 11.12 \times 10^3 \text{ N}$$

2) Wear Strength \rightarrow

$$S_w = b Q d p K$$
$$Q = \frac{2 Z_p}{Z_p + Z_f} = \frac{2 \times 100}{100 + 20} = 1.667$$
$$K = 0.16 \left(\frac{B H N}{100} \right)^2 = 0.16 \left(\frac{300}{100} \right)^2 = 1.44$$
$$d_p = \frac{m Z_p}{\cos^2 \phi} = \frac{4 \times 20}{\cos^2 25} = 88.27 \text{ mm}$$

3) Pitting is the criterion for design

$$S_w < S_b$$
$$3) \text{ Tangential load (P_t)}$$
$$V = \frac{\pi d_p n p}{60 \times 10^3} = \frac{\pi \times 88.27 \times 720}{60 \times 10^3} = 3.33 \text{ N}$$
$$G = \frac{S_c \cdot C}{S_c + \sqrt{V}} = \frac{5.6}{5.6 + \sqrt{3.33}} = 0.75$$
$$S_w = P_t f_t \times f_s$$

Activate Windows
Go to Settings to activate Windows.

Activate Windows
Go to Settings to activate Windows.

1:04:05 / 1:47:59

Scroll for details

Dr.Sandeep Wangikar





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

Use of Online Platform for Study Material

Study Material Links

1. B.Tech Div-B.

<https://docs.google.com/spreadsheets/d/e/2PACX1vSoP6ruwi355DFYKpiXETB4Z8FXkGXGJUySHb4TsRpzu17ziwSJTTeEaOBkBTVsWCz4QxZjNCAQvQI/pubhtml>

2. T.Y.B.Tech Div-A.

https://docs.google.com/spreadsheets/d/e/2PACX-1vSgMjcdAVHwRYoET2wh3YQ21DVGsYd6QMVsGVnrOIQewNE7S91jT8R8qSYiQBG6Y1ZpihzmNCI_oDr/pubhtml

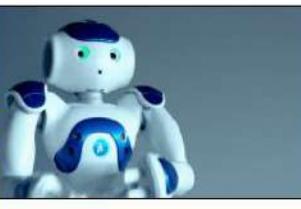
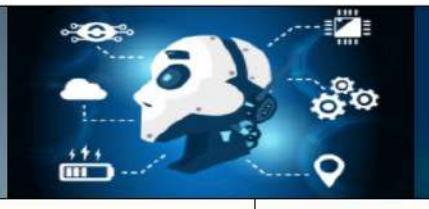
3. B.Tech Div-A

<https://docs.google.com/spreadsheets/d/1Q6dY-twpj3EE15mgGawNng4t23liuibXn9hDD94DfwU/edit?usp=sharing>

Study Material Sheet

3. Study Material List B. Tech B

R & AI- KBJ ED-SMKh AE-SVJ RAC-DDR POM-VRC Virtual Lab Programme schedule Mentor

 SVERI's College Of Engineering Pandharpur Department of Mechanical Engineering						
  						
Sr. No	DATE	Time	Unit Number	Unit Name	Points Covered	Video Lecture Link
1	20/09/2021	1:30 to 2:30	1	Introduction to Robotics	Introduction of Subject	https://drive.google.com/file/d/1NPmQ1RSyN3-yAQXJ845wb5rl2kfFZ/view
2	22/09/2021	10:30 to 11:30			Definition as per ISO & IFR, Technology Evolution	https://drive.google.com/file/d/1pWDBq2QqnWnJR1sPeBS0IVZLdQqBp2/s/view
3	23/09/2021	9:30 to 10:30			History and fundamentals of Industrial Robots	https://drive.google.com/file/d/1fdrEEWSR1HKMdtXNar3_5pNMZebM2B/view
4	23/09/2021	1:30 to 2:30			Components of industrial robots, configuration, typical specifications	https://drive.google.com/file/d/18CE5VT6sBKEnQLeFManEkoOfibXq5EMB/view
5	29/09/2021	10:30 to 11:30			Classification of Robots	https://drive.google.com/file/d/1LWkxbdbq3ZUSBfcIKHsIdJ_HUo7Bz2F/view
6	1/10/2021	1:30 to 2:30			Collaborative Robots	https://youtube.com/shorts/0SDuN3ks4
7	4/10/2021	1:30 to 2:30			AGVs	https://youtube.com/shorts/xcuB6sUiEVs
8	8/10/2021	9:30 to 10:30			Application of AGVs	https://youtube.com/shorts/TASfVgTpE
9	8/10/2021	1:30 to 2:30			Navigation techniques, Applications of AGVs, History of Mobile Robot	https://youtube.com/shorts/X_5hBX-GoUE
10	13/10/2021	11:00 to 12:00			Mobile robots: Classification, wheeled and tracked robots,	https://youtube.com/shorts/No8MIItoAw



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

ERP Based CO-PO Attainment



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



ISO 9001:2015



Sr. No.	Name of Activity	Purpose
1	CO-PO Attainment	Course Outcomes (COs) are defined for each course and they are mapped to POs and PSOs. A set of performance evaluation criteria is used for quantitative assessment of COs. Thus the attainment of COs provides an evidence of attainment of POs and PSOs.



Shri Vithal Education & Research Institute's COLLEGE OF ENGINEERING, PANDHARPUR



P. B. No. 54, Gopalpur - Ranjani Road, Gopalpur, Tal.: Pandharpur - 413 304, Dist.: Solapur (MH)
Contact No.: 9545553888, 9545553737, 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 Accredited Institute, ISO 9001 : 2015 Certified Institute.
Accredited by Institution of Engineers (India) & TCS.

Ref.: COEP/2018-2019/72(B)

Date: 01-1-2019

Office Order

In the view of RWork ERP implementation, the following tasks have been allotted to faculty members under SVERI family till further order. The details of ERP implementation task have been mentioned below:

Sr. No.	ERP implementation task	Task Owner	Name of Teaching/Non-Teaching member
1.	Create New Employee, Assign Position, Personal Details of Employee, Job History of Employee	Dean Administration, Registrar	Mr. M. R. Kokane
2.	Faculty Relieving Details	Dean Administration, Registrar	Mrs. B. V. Mohalkar
3.	Institute Vision and Mission	Dean Administration	Mr. S. D. More
4.	Document Issuance	Dean Administration, Registrar	Mr H. U. Dongre
5.	Create New Students, Admit Students and Enter PRN No., Admission Details of Students, Personal Details, Branch Transfer, Cancel Admission, Examination (Exam Form)	Dean Students, Registrar	Mr H. U. Dongre
6.	Department Vision and Mission, Time Table and Attendance, Program Management (PEO, PO and PSO, Mission PSO Mapping), Manage Courses, Manage Division and Batches, Assign Class Coordinator, Course Faculty linking, Student Enrollment (Division Enrollment, Course Enrollment, Batch Enrollment), Examination (Result, Student Promotion), Direct PO Attainment, Indirect Attainment.	Dean Academics, All HODs	1. Ms. Mohua Biswas (ENTC) 2. Mr. S. V. Jadhav (Mech.) 3. Mr. R. D. Kulkarni (CSE) 4. Mr. C. R. Limkar (CIVIL) 5. Mr. D. D. Daphale (Electrical) 6. Mr. H. H. Pawar (FY)
7.	Course Management (Course PO Mapping index), CO Target, Evaluation (Tool CO-BL Linking, Tool Evaluation and Attainment, Course CO Attainment), Update faculty details (Update my profile)	Dean Academics, All HODs	Concerned faculty members
8.	R&D related Faculty Details (Faculty Profile)	Dean R&D	Department R&D Coordinators
9.	Library Management (Manage Books, Issue/Return Book)	Librarian	1. Mr. A. G. Ronge 2. Mr. S. N. Anpat



B. Ronge

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P. B. No. 54, Gopalpur - Ranjani Road, Gopalpur, **Tal.**: Pandharpur - 413 304, **Dist.**: Solapur (MH)
Contact No.: 9545553888, 9545553737, **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** Accredited Institute, ISO 9001 : 2015 Certified Institute.
Accredited by Institution of Engineers (India) & TCS.

Ref.:-

Date:-

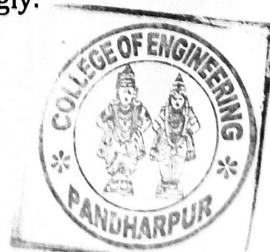
Sr. No.	ERP implementation task	Task Owner	Name of Teaching/Non-Teaching member
10.	NBA-UG Tier-II	NBA Coordinator	Department NBA Coordinator
11.	RWork Setting- Institute Details, Academic Year, Administrative Department, Term Duration, Academic Department, Programs, Reset User Password, Access Rights (User Type), Access Rights (Position), Access Rights (Departments), Access Rights (Employee)	RWork Coordinator	Prof. Mrs. M. M. Pawar
12.	RWork Setting - Reset User Password, Bank Details, System Profile	Registrar	Mr. M. R. Kokane

Note:

Duties of RWork ERP Implementation are as follows:

1. Office should create new students and fill details every year for first year admitted students, admit students (Second Year to Final Year) after promotion, maintain record of faculty, issue documents as per procedure. The work status should be ensured by respective Deans and Registrar.
2. Department HODs should ensure proper implementation of ERP at department level with the help of department RWork coordinators.
3. Librarian should ensure proper implementation and functioning of ERP implementation at Library Section.
4. NBA Coordinator should ensure correctness of Criteria wise NBA reports.
5. Institute RWork coordinator should ensure overall implementation of ERP system.

All concern should take note of above and act accordingly.



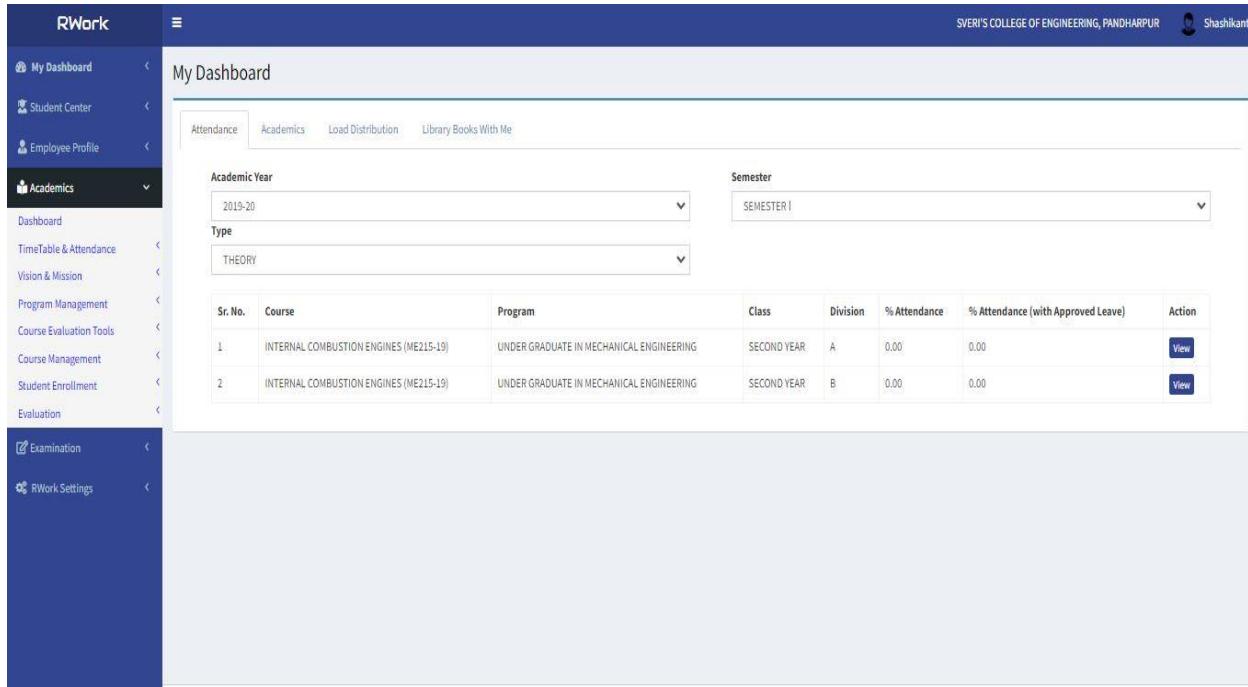
B. P. Ronge
(Dr. B. P. Ronge)
PRINCIPAL

CC:

1. Principal
2. RWork Coordinator
3. All Deans
4. All HODs
5. All SVERI COE staff through email
6. Librarian
7. Registrar
8. Office copy

R-Work Software.

1. Assigned Subjects



The screenshot shows the 'My Dashboard' page of the R-Work Software. The left sidebar is a navigation menu with the following items:

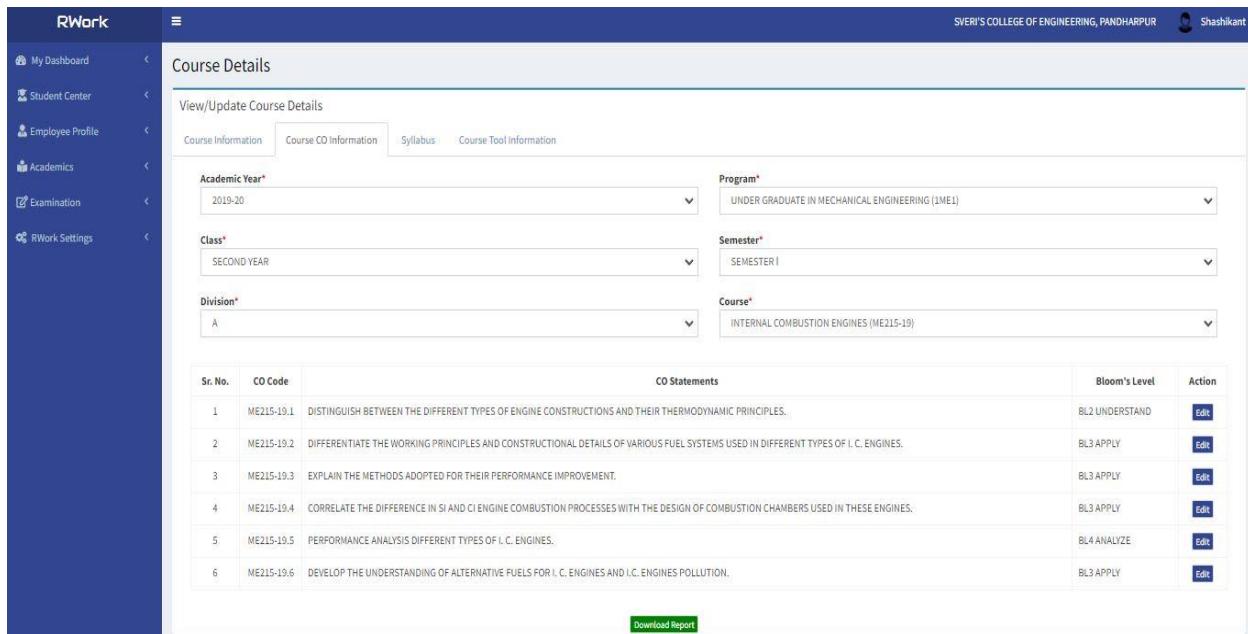
- My Dashboard
- Student Center
- Employee Profile
- Academics** (selected)
- Dashboard
- TimeTable & Attendance
- Vision & Mission
- Program Management
- Course Evaluation Tools
- Course Management
- Student Enrollment
- Evaluation
- Examination
- rWork Settings

The main content area is titled 'My Dashboard' and contains the following sections:

- Attendance**, **Academics**, **Load Distribution**, **Library Books With Me**
- Academic Year** (dropdown: 2019-20)
- Semester** (dropdown: SEMESTER I)
- Type** (dropdown: THEORY)
- A table showing assigned subjects:

Sr. No.	Course	Program	Class	Division	% Attendance	% Attendance (with Approved Leave)	Action
1	INTERNAL COMBUSTION ENGINES (ME215-19)	UNDER GRADUATE IN MECHANICAL ENGINEERING	SECOND YEAR	A	0.00	0.00	View
2	INTERNAL COMBUSTION ENGINES (ME215-19)	UNDER GRADUATE IN MECHANICAL ENGINEERING	SECOND YEAR	B	0.00	0.00	View

2. Course Outcomes of subject.



The screenshot shows the 'Course Details' page of the R-Work Software. The left sidebar is a navigation menu with the following items:

- My Dashboard
- Student Center
- Employee Profile
- Academics
- Examination
- rWork Settings

The main content area is titled 'Course Details' and contains the following sections:

- View/Update Course Details**
- Course Information**, **Course CO Information** (selected), **Syllabus**, **Course Tool Information**
- Academic Year*** (dropdown: 2019-20)
- Program*** (dropdown: UNDER GRADUATE IN MECHANICAL ENGINEERING (1ME1))
- Class*** (dropdown: SECOND YEAR)
- Semester*** (dropdown: SEMESTER I)
- Division*** (dropdown: A)
- Course*** (dropdown: INTERNAL COMBUSTION ENGINES (ME215-19))

A table showing the Course Outcomes (CO) for the selected course:

Sr. No.	CO Code	CO Statements	Bloom's Level	Action
1	ME215-19.1	DISTINGUISH BETWEEN THE DIFFERENT TYPES OF ENGINE CONSTRUCTIONS AND THEIR THERMODYNAMIC PRINCIPLES.	BL2 UNDERSTAND	Edit
2	ME215-19.2	DIFFERENTIATE THE WORKING PRINCIPLES AND CONSTRUCTIONAL DETAILS OF VARIOUS FUEL SYSTEMS USED IN DIFFERENT TYPES OF I. C. ENGINES.	BL3 APPLY	Edit
3	ME215-19.3	EXPLAIN THE METHODS ADOPTED FOR THEIR PERFORMANCE IMPROVEMENT.	BL3 APPLY	Edit
4	ME215-19.4	CORRELATE THE DIFFERENCE IN SI AND CI ENGINE COMBUSTION PROCESSES WITH THE DESIGN OF COMBUSTION CHAMBERS USED IN THESE ENGINES.	BL3 APPLY	Edit
5	ME215-19.5	PERFORMANCE ANALYSIS DIFFERENT TYPES OF I. C. ENGINES.	BL4 ANALYZE	Edit
6	ME215-19.6	DEVELOP THE UNDERSTANDING OF ALTERNATIVE FUELS FOR I. C. ENGINES AND I.C. ENGINES POLLUTION.	BL3 APPLY	Edit

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3. CO-PO Mapping of Subject.

RWork SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR  Shashikant

Course - PO Mapping Index

CO-PO Matrix

Academic Year 2019-20 Program: UNDER GRADUATE IN MECHANICAL ENGINEERING
Degree Level: UNDER GRADUATE Department: MECHANICAL ENGINEERING
Class: SECOND YEAR Semester: SEMESTER I
Division: A Course: INTERNAL COMBUSTION ENGINES (ME215-19)

Note: * Indicates Mandatory Fields

Level of Co-relation
No Co-relation: 0 Low Co-relation: 1 Medium Co-relation: 2 High Co-relation: 3

Sr. No.	CO Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	ME215-19.1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	ME215-19.2	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
3	ME215-19.3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	ME215-19.4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	ME215-19.5	1	-	-	-	2	-	-	-	-	-	-	-	-	2	-
6	ME215-19.6	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-

Course PO Matrix

Sr. No.	Course Code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	ME215-19	INTERNAL COMBUSTION ENGINES	1.00	2.00	-	2.00	-	-	1.00	-	-	-	-	-	2.00	2.00	-

[Update](#) [Download Report](#) [Back](#)

4. Assigned tools of Subject.

RWork SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR  Shashikant

Course Details

View/Update Course Details

Course Information Course CO Information Syllabus **Course Tool Information**

Academic Year* Program*

2019-20 UNDER GRADUATE IN MECHANICAL ENGINEERING (IME1)

Class* Semester*

SECOND YEAR SEMESTER I

Division*

A

Sr. No.	Course Code	Course Name	Assigned Tools	Action
1	ME211-19	APPLIED THERMODYNAMICS	ESE, ISE-1, OBT-1, THT-1, FISE-1, ISE-2, OBT-2, THT-2, FISE-2, ISE-3, OBT-3, THT-3, FISE-3, ISE, UT-1, UT-2, UT-3, ASSIGNMENT, PPPE, ICA-D, ICA	FREEZED
2	ME212-19	MECHANICS OF MATERIALS	ESE, ISE-1, OBT-1, THT-1, FISE-1, ISE-2, OBT-2, THT-2, FISE-2, ISE-3, OBT-3, THT-3, FISE-3, ISE, UT-1, UT-2, UT-3, ASSIGNMENT, ICA, TUTORIAL, ICA-D, PPPE	FREEZED
3	ME213-19	MANUFACTURING PROCESSES	ESE, ISE-1, OBT-1, THT-1, FISE-1, ISE-2, OBT-2, THT-2, FISE-2, ISE-3, OBT-3, THT-3, FISE-3, ISE, UT-1, UT-2, UT-3, ASSIGNMENT, PPPE, LAB BOOK, LAB TEST 1, POE, OI, ICA-D, ICA, LAB TEST 2	FREEZED
4	ME214-19	MACHINE DRAWING & CAD	ESE, ISE-1, OBT-1, THT-1, FISE-1, ISE-2, OBT-2, THT-2, FISE-2, ISE-3, OBT-3, THT-3, FISE-3, ISE, UT-1, UT-2, UT-3, ASSIGNMENT, PPPE, LAB TEST 1, POE, ICA, LAB TEST 2, LAB TEST, ICA-D	FREEZED
5	ME215-19	INTERNAL COMBUSTION ENGINES	ESE, ISE-1, OBT-1, THT-1, FISE-1, ISE-2, OBT-2, THT-2, FISE-2, ISE-3, OBT-3, THT-3, FISE-3, ISE, UT-1, UT-2, UT-3, ASSIGNMENT, PPPE, LAB BOOK, LAB TEST 1, ICA-D, ICA, LAB TEST 2, LAB TEST	FREEZED

5. CO Target Report

SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR

CO TARGET REPORT

ACADEMIC YEAR: 2019-20

DEPARTMENT: MECHANICAL ENGINEERING

PROGRAM: UNDER GRADUATE IN MECHANICAL ENGINEERING

CLASS NAME: SECOND YEAR

SEMESTER: SEMESTER I

DIVISION: A

COURSE: INTERNAL COMBUSTION ENGINES (ME215-19)

Internal Tool Information

Sr. No	Tool Name	ME215-19.1	ME215-19.2	ME215-19.3	ME215-19.4	ME215-19.5	ME215-19.6
1	ISE-1	2	2	NA	NA	NA	NA
2	OBT-1	3	3	NA	NA	NA	NA
3	THT-1	3	3	NA	NA	NA	NA
4	ISE-2	NA	2	2	2	NA	NA
5	OBT-2	NA	3	3	3	NA	NA
6	THT-2	NA	3	3	3	NA	NA
7	ISE-3	NA	NA	NA	NA	2	2
8	OBT-3	NA	NA	NA	NA	3	NA
9	THT-3	NA	NA	NA	NA	3	3
10	UT-1	2	NA	NA	NA	NA	NA
11	UT-2	NA	2	2	NA	NA	NA
12	UT-3	NA	NA	NA	2	NA	NA
13	ASSIGNMENT	3	3	3	3	3	3
14	PPPE	3	3	3	3	3	3
15	LAB BOOK	3	3	3	3	3	3
16	LAB TEST 1	3	NA	NA	NA	NA	NA
17	LAB TEST 2	NA	NA	NA	NA	3	NA
Average CO Target		2.75	2.7	2.71	2.71	2.86	2.8

Internal Tool Weightage (%) 20

External Tool Information

Sr. No.	Tool Name	ME215-19.1	ME215-19.2	ME215-19.3	ME215-19.4	ME215-19.5	ME215-19.6
1	ESE	2	2	2	2	2	2
Average CO Target		2	2	2	2	2	2

External Tool weightage (%) 80

Overall Course CO Target

Sr. No.	Tool Type	ME215-19.1	ME215-19.2	ME215-19.3	ME215-19.4	ME215-19.5	ME215-19.6	Overall Target
1	Internal	2.75	2.7	2.71	2.71	2.86	2.8	2.76
2	External	2	2	2	2	2	2	2
3	Overall Target	2.15	2.14	2.14	2.14	2.17	2.16	2.15

6. CO & BL Linking.

RWork

Tool - CO & BL Linking

Link Tool

Academic Year* 2019-20

Program* UNDER GRADUATE IN MECHANICAL ENGINEERING (1ME1)

Note: * Indicates Mandatory Fields

Class* SECOND YEAR

Semester* SEMESTER I

Division* A

Course* INTERNAL COMBUSTION ENGINES (ME215-19)

Sr. No.	Tool	Status	Question Paper
1	ESE	● View/Update	Upload
2	ISE-1	● View/Update	Upload
3	OBT-1	● View/Update	Upload
4	THT-1	● View/Update	Upload
5	ISE-2	● View/Update	Upload
6	OBT-2	● View/Update	Upload
7	THT-2	● View/Update	Upload
8	ISE-3	● View/Update	Upload

Toolwise Analysis

SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR

TOOL CO ATTAINMENT REPORT

ACADEMIC YEAR: 2019-20

DEPARTMENT: MECHANICAL ENGINEERING

PROGRAM: UNDER GRADUATE IN MECHANICAL ENGINEERING

CLASS: SECOND YEAR

DIVISION: A

COURSE: INTERNAL COMBUSTION ENGINES (ME215-19)

TOOL: ESE

TOOL MAX. MARKS: 70

PRN NO.	Exam Seat No.	Roll No.	Name of Student	Obtained Marks
2.01803E+15	-	181ME11001	MANGESH MAHAVIR MISAL	52
2.01803E+15	-	181ME11002	NIKHIL DILIP MUNDHE	58
2.01803E+15	-	181ME11008	VAISHNAVI MAHESH LAKHERI	42
2.01803E+15	-	181ME11009	MILIND SHASHIKANT JAGADALE	59
2.01803E+15	-	181ME11014	KOMAL REVANSIDHESHWAR ACHUGATLA	59
2.01803E+15	-	181ME11016	YUVRAJ VINOD SHELAR	42
2.01803E+15	-	181ME11018	SALEHA SALIM MIRJKAR	47
2.01803E+15	-	181ME11025	SAURABH BANDU KADASARE	61
2.01803E+15	-	181ME11026	ROHIT ANANDA KHANDAGALE	39
2.01803E+15	-	181ME11027	YOGESH PRAKASH CHAVAN	39
2.01803E+15	-	181ME11029	BHARAT DNYANDEV BURUNGALE	55
2.01803E+15	-	181ME11030	GHANASHAM SHASHIKANT CHITARI	36
2.01803E+15	-	181ME11032	AYUSH NITIN KALE	43
2.01803E+15	-	181ME11034	KIRAN VINAYAK HAMBIRRAO	42
2.01803E+15	-	181ME11036	CHANDRAGUPT VINAYAK PARCHANDRAO	29
2.01803E+15	-	181ME11037	AKSHAY BALASAHEB PANSARE	28
2.01803E+15	-	181ME11038	RAHUL RAJARAM SATAPUTE	62
2.01803E+15	-	181ME11039	DNYANESHWAR ROHDAS BANSODE	48
2.01803E+15	-	181ME11041	RUTUJA SURESH TARAPURKAR	25
2.01803E+15	-	181ME11044	SURAJ DATTA TRAY MORE	54
2.01803E+15	-	181ME11046	PRUTHVIRAJ SOMNATH DESHMUKH	44
2.01803E+15	-	181ME11048	ADITYA VYANKATESH MOTEWAR	36
2.01803E+15	-	181ME11052	MADHURI VINAYAK PARCHANDRAO	41
2.01803E+15	-	181ME11054	GAYATRI VINAYAK JOSHI	51
2.01803E+15	-	181ME11057	GANESH SHANKAR TODKAR	50
2.01803E+15	-	181ME11058	YASH YUVRAJ GADEKAR	45
2.01803E+15	-	181ME11066	SUMEET SUHAS CHAVARE	43
2.01803E+15	-	181ME11067	SHRADHHA DATTATRAY GAJAKOSH	54
2.01803E+15	-	181ME11073	RUTIK RAMESH GODSE	53
2.01803E+15	-	181ME11075	SURESH CHAVAN SAMARTH	33
2.01803E+15	-	181ME11076	ONKAR RAJENDRA DEOKAR	53
2.01803E+15	-	181ME11078	VAIBHAV NANASAHEB GAIKWAD	35
2.01803E+15	-	181ME11079	SACHIN DATTATRAY WAGHMARE	37
2.01803E+15	-	181ME11082	SHREYYASH RAJARAM CHAVAN	54
2.01803E+15	-	181ME11090	PRAKASH BHIMRAO GHADAGE	52
2.01803E+15	-	181ME11091	VAIBHAV RAMDAS GAIKWAD	48
2.01803E+15	-	181ME11094	PRATHAMESH RAMESH KIRGAT	55
2.01803E+15	-	181ME11096	RAJENDRA ADMANE DHANANJAY	50
2.01803E+15	-	181ME11097	OMKAR BABASO DANDAGE	44
2.01803E+15	-	181ME11099	PRATHAMESH MANOHAR JATKAR	31
2.01803E+15	-	181ME11101	ATHARV SANTOSH JOSHI	29
2.01803E+15	-	181ME11102	RUSHIKESH VIDYADHAR PATIL	34
2.01803E+15	-	181ME11104	CHANDRAKANT CHAVAN SAURABH	42
2.01803E+15	-	181ME11107	SACHIN ASHOK KSHIRSAGAR	56
2.01803E+15	-	181ME11116	DEEPIYOTI DATTATRAY SATHE	55
2.01803E+15	-	181ME11117	NAMRATA RAJU PARVAT	50
2.01903E+15	-	191ME12004	PRANAY PRADIP DISALE	46
2.01803E+15	-	T181ME11118	DHONDIKA SUL AMOL	46
2.01803E+15	-	T181ME11119	ATISH BALASO JADHAV	40

Number of Students: 49

Tool CO Attainment

Target Level(%): 40

	Overall
No. of Students achieving Target Level	48
No. of Applicable Students	49
% Students achieving Target Level	97.96
Attainment Level	3

	Linked CO					
	ME215-19.1	ME215-19.2	ME215-19.3	ME215-19.4	ME215-19.5	ME215-19.6
Attainment Level	3	3	3	3	3	3

Attainment Level

(Percentage of students scoring Marks >=60) = Level 1

(Percentage of students scoring Marks >=70) = Level 2

(Percentage of students scoring Marks >=80) = Level 3

SVERI'S COLLEGE OF ENGINEERING, PANDHUPUR
TOOL CO ATTAINMENT REPORT
ACADEMIC YEAR: 2019-20
DEPARTMENT: MECHANICAL ENGINEERING
PROGRAM: UNDER GRADUATE IN MECHANICAL ENGINEERING
CLASS: SECOND YEAR
DIVISION: A
COURSE: INTERNAL COMBUSTION ENGINES (ME215-19)
TOOL NAME: ISE-I
TOOL MAX. MARKS: 20

PRN NO.	Roll No.	Name of Student	Linked CO	ME215-19.1	ME215-19.2	ME215-19.1	ME215-19.2	ME215-19.1			ME215-19.2		
			Max. Marks	2	2	8	8	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks
			Q1	Q2	Q3	Q4							
2,01803E+15	181ME11001	MANGESH MAHAIR MISAL	19	2	2	7	8	10	9	90.00	10	10	100
2,01803E+15	181ME11002	NIKHIL DILIP MUNDHIE	18	2	1	8	7	10	10	100	10	8	80.00
2,01803E+15	181ME11008	VAISHNAVI MAHESH LAKHERI	19	2	2	7	8	10	9	90.00	10	10	100
2,01803E+15	181ME11009	MILIND SHASHIKANT JAGADALE	19	2	2	7	8	10	9	90.00	10	10	100
2,01803E+15	181ME11014	KOMAL REVANSIDHESHWAR ACHUGATLA	16	2	1	8	5	10	10	100	10	6	60.00
2,01803E+15	181ME11016	YUVRAJ VINOD SHELAR	13	2	1	6	4	10	8	80.00	10	5	50.00
2,01803E+15	181ME11018	SALEHA SALIM MIRKAR	18	2	1	8	7	10	10	100	10	8	80.00
2,01803E+15	181ME11025	SAURABH BANDU KADASARE	19	2	1	8	8	10	10	100	10	9	90.00
2,01803E+15	181ME11026	ROHIT ANANDA KHANDAGALE	13	2	1	5	5	10	7	70.00	10	6	60.00
2,01803E+15	181ME11027	YOGESH PRAKASH CHAVAN	17	2	2	7	6	10	9	90.00	10	8	80.00
2,01803E+15	181ME11029	BHARAT DNYANDEV BURUNGALE	19	2	1	8	8	10	10	100	10	9	90.00
2,01803E+15	181ME11030	GHANASHAM SHASHIKANT CHITARI	20	2	2	8	8	10	10	100	10	10	100
2,01803E+15	181ME11032	AYUSH NITIN KALE	16	2	1	6	7	10	8	80.00	10	8	80.00
2,01803E+15	181ME11034	KIRAN VINAYAK HAMBIRRAO	11	2	1	8	0	10	10	100	10	1	10.00
2,01803E+15	181ME11036	CHANDRAGUPT VINAYAK PANCHDRAO	16	2	2	8	4	10	10	100	10	6	60.00
2,01803E+15	181ME11037	AKSHAY BALASAHEB PANSARE	10	2	2	2	4	10	4	40.00	10	6	60.00
2,01803E+15	181ME11038	RAHUL RAJARAM SATAPUTE	18	2	1	8	7	10	10	100	10	8	80.00
2,01803E+15	181ME11039	DNYANESHWAR ROHIDAS BANSODE	10	0	0	4	6	10	4	40.00	10	6	60.00
2,01803E+15	181ME11041	RUTUJA SURESH TARAPURKAR	12	2	2	6	2	10	8	80.00	10	4	40.00
2,01803E+15	181ME11044	SURAJ DATTATRAY MORE	20	2	2	8	8	10	10	100	10	10	100
2,01803E+15	181ME11046	PRUTHVIRAJ SOMNATH DESHMUKH	15	2	2	7	4	10	9	90.00	10	6	60.00
2,01803E+15	181ME11048	ADITYA VYANKATESH MOTEWAR	9	2	0	6	1	10	8	80.00	10	1	10.00
2,01803E+15	181ME11052	MADHURI VINAYAK PANCHDRAO	16	2	1	8	5	10	10	100	10	6	60.00
2,01803E+15	181ME11054	GAYATRI VINAYAK JOSHI	18	2	0	8	8	10	10	100	10	8	80.00
2,01803E+15	181ME11057	GANESH SHANKAR TODKAR	13	2	2	6	3	10	8	80.00	10	5	50.00
2,01803E+15	181ME11058	YASH YUVRAJ GADEKAR	10	2	2	0	6	10	2	20.00	10	8	80.00
2,01803E+15	181ME11066	SUMEET SUHAS CHAVARE	14	2	2	6	4	10	8	80.00	10	6	60.00
2,01803E+15	181ME11067	SHRADHHA DATTATRAY GAJAKOSH	17	2	0	8	7	10	10	100	10	7	70.00
2,01803E+15	181ME11073	RUTIK RAMESH GODSE	20	2	2	8	8	10	10	100	10	10	100
2,01803E+15	181ME11075	SURESH CHAVAN SAMARTH	16	2	1	6	7	10	8	80.00	10	8	80.00
2,01803E+15	181ME11076	ONKAR RAJENDRA DEOKAR	12	2	2	7	1	10	9	90.00	10	3	30.00
2,01803E+15	181ME11078	VAIBHAV NANASAHEB GAIKWAD	13	2	2	7	2	10	9	90.00	10	4	40.00
2,01803E+15	181ME11079	SACHIN DATTATRAY WAGHMARE	19	2	2	7	8	10	9	90.00	10	10	100
2,01803E+15	181ME11082	SHREEYASH RAJARAM CHAVAN	19	2	2	8	7	10	10	100	10	9	90.00
2,01803E+15	181ME11090	PRAKASH BHIMRAO GHADAGE	19	2	1	8	8	10	10	100	10	9	90.00
2,01803E+15	181ME11091	VAIBHAV RAMDAS GAIKWAD	11	2	2	3	4	10	5	50.00	10	6	60.00
2,01803E+15	181ME11094	PRATHMESH RAMESH KIRGAT	19	2	2	7	8	10	9	90.00	10	10	100
2,01803E+15	181ME11096	RAJENDRA ADMANE DHANANJAY	19	2	2	8	7	10	10	100	10	9	90.00
2,01803E+15	181ME11097	OMKAR BABASO DANDAGE	20	2	2	8	8	10	10	100	10	10	100
2,01803E+15	181ME11099	PRATHMESH MANOHAR JATKAR	14	2	2	3	7	10	5	50.00	10	9	90.00
2,01803E+15	181ME11101	ATHARV SANTOSH JOSHI	12	2	2	5	3	10	7	70.00	10	5	50.00
2,01803E+15	181ME11102	RUSHIKESH VIDYADHAR PATIL	9	2	1	6	0	10	8	80.00	10	1	10.00
2,01803E+15	181ME11104	CHANDRAKANT CHAVAN SAURABH	18	2	2	7	7	10	9	90.00	10	9	90.00
2,01803E+15	181ME11107	SACHIN ASHOK KSHIRSAGAR	20	2	2	8	8	10	10	100	10	10	100
2,01803E+15	181ME11116	DEEPJYOTI DATTATRAY SATHE	18	2	0	8	8	10	10	100	10	8	80.00
2,01803E+15	181ME11117	NAMRATA RAJU PARVAT	20	2	2	8	8	10	10	100	10	10	100
2,01803E+15	191ME12004	PRANAY PRADIP DISALE	19	2	1	8	8	10	10	100	10	9	90.00
2,01803E+15	T181ME11118	DHONDIBAASIL AMOL	15	2	2	4	7	10	6	60.00	10	9	90.00
2,01803E+15	T181ME11119	ATISH BALASO JADHAV	19	2	2	7	8	10	9	90.00	10	10	100

Number of Students: 49

Tool CO Attainment

Target Level(%): 40

Linked CO	ME215-19.1	ME215-19.2
No. of Students achieving Target Level	48	45
No. of Applicable Students	49	49
% Students achieving Target Level	97.96	91.84
Attainment Level	3	3

Attainment Level

(Percentage of students scoring Marks >=60) = Level 1

(Percentage of students scoring Marks >=70) = Level 2

(Percentage of students scoring Marks >=80) = Level 3

SVER'S COLLEGE OF ENGINEERING, PANDHARPUR
TOOL CO ATTAINMENT REPORT
ACADEMIC YEAR: 2019-20
DEPARTMENT: MECHANICAL ENGINEERING
PROGRAM: UNDER GRADUATE IN MECHANICAL ENGINEERING
CLASS: SECOND YEAR
DIVISION: A
COURSE: INTERNAL COMBUSTION ENGINES (ME215-19)
TOOL NAME: ISE-2
TOOL MAX. MARKS: 20

PRN NO.	Roll No.	Name of Student	Linked CO	ME215-19.4	ME215-19.2	ME215-19.3	ME215-19.4	ME215-19.2			ME215-19.3			ME215-19.4		
			Max. Marks	4	4	4	8	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks
Q. No. / Total Obtained Marks			Q1	Q2	Q3	Q4										
2.01803E+15	181ME11001	MANGESH MAHAVIR MISAL	19	4	4	4	7	4	4	100	4	4	100	12	11	91.67
2.01803E+15	181ME11002	NIKHIL DILIP MUNDHE	16	3	3	3	7	4	3	75.00	4	3	75.00	12	10	83.33
2.01803E+15	181ME11003	VAISHNAVI MAHESH LAKHERI	20	4	4	4	8	4	4	100	4	4	100	12	12	100
2.01803E+15	181ME11009	MILIND SHASHIKANT JAGADALE	18	2	4	4	8	4	4	100	4	4	100	12	10	83.33
2.01803E+15	181ME11014	KOMAL REVANSIDHESHWAR ACHUGATLA	12	2	4	1	5	4	4	100	4	1	25.00	12	7	58.33
2.01803E+15	181ME11016	YUVRAJ VINOD SHELAR	12	4	2	0	6	4	2	50.00	4	0	NA	12	10	83.33
2.01803E+15	181ME11018	SALEHA SALIM MIRJIKAR	13	4	2	3	4	4	2	50.00	4	3	75.00	12	8	66.67
2.01803E+15	181ME11025	SAURABH BANDU KADASARE	20	4	4	4	8	4	4	100	4	4	100	12	12	100
2.01803E+15	181ME11026	ROHIT ANANDA KHANDAGALE	11	4	2	1	4	4	2	50.00	4	1	25.00	12	8	66.67
2.01803E+15	181ME11027	YOGESH PRAKASH CHAVAN	14	4	2	1	7	4	2	50.00	4	1	25.00	12	11	91.67
2.01803E+15	181ME11029	BHARAT DNYANDEV BURNGALE	10	3	2	2	3	4	2	50.00	4	2	50.00	12	6	50.00
2.01803E+15	181ME11030	GHANASHAM SHASHIKANT CHITARI	12	2	0	3	7	4	0	NA	4	3	75.00	12	9	75.00
2.01803E+15	181ME11032	AYUSH NITIN KALE	16	4	3	2	7	4	3	75.00	4	2	50.00	12	11	91.67
2.01803E+15	181ME11033	KIRAN VINAYAK HAMIRRAO	18	4	4	2	8	4	4	100	4	2	50.00	12	12	100
2.01803E+15	181ME11036	CHANDRAGUPT VINAYAK PARCHANDRAO	12	4	4	4	0	4	4	100	4	4	100	12	4	33.33
2.01803E+15	181ME11037	AKSHAY BALASAHEB PANSARE	7	4	0	0	3	4	0	NA	4	0	NA	12	7	58.33
2.01803E+15	181ME11038	RAHUL RAJARAM SATAPUTE	18	4	4	3	7	4	4	100	4	3	75.00	12	11	91.67
2.01803E+15	181ME11039	DNYANESHWAR ROHIDAS BANSODE	14	4	3	3	4	4	3	75.00	4	3	75.00	12	8	66.67
2.01803E+15	181ME11041	RUTUJA SURESH TARAPURKAR	7	4	0	0	3	4	0	NA	4	0	NA	12	7	58.33
2.01803E+15	181ME11042	SURAJ DATTATRAY MORE	18	4	4	4	6	4	4	100	4	4	100	12	10	83.33
2.01803E+15	181ME11044	PRUTHVIRAJ SOMNATH DESHMUKH	10	4	2	2	2	4	2	50.00	4	2	50.00	12	6	50.00
2.01803E+15	181ME11046	ADITYA VYANKATESH MOTEWAR	12	3	4	2	3	4	4	100	4	2	50.00	12	6	50.00
2.01803E+15	181ME11052	MADHURI VINAYAK PARCHANDRAO	17	4	3	4	6	4	3	75.00	4	4	100	12	10	83.33
2.01803E+15	181ME11054	GAYATRI VINAYAK JOSHI	19	4	3	4	8	4	3	75.00	4	4	100	12	12	100
2.01803E+15	181ME11057	GANESH SHANKAR TODKAR	16	3	2	4	7	4	2	50.00	4	4	100	12	10	83.33
2.01803E+15	181ME11058	YASH YUVRAJ GADEKAR	14	4	4	3	3	4	4	100	4	3	75.00	12	7	58.33
2.01803E+15	181ME11066	SUMEET SUHAS CHAVARE	10	4	1	0	5	4	1	25.00	4	0	NA	12	9	75.00
2.01803E+15	181ME11068	SHRADHHA DATTATRAY GAJAKOSH	19	3	4	4	8	4	4	100	4	4	100	12	11	91.67
2.01803E+15	181ME11073	RUTIK RAMESH GODSE	20	4	4	4	8	4	4	100	4	4	100	12	12	100
2.01803E+15	181ME11075	SURESH CHAVAN SAMARTH	8	4	0	1	3	4	0	NA	4	1	25.00	12	7	58.33
2.01803E+15	181ME11076	ONKAR RAJENDRA DEOKAR	17	4	4	1	8	4	4	100	4	1	25.00	12	12	100
2.01803E+15	181ME11078	VAIBHAV NANASAHEB GAIKWAD	14	4	2	4	4	4	2	50.00	4	4	100	12	8	66.67
2.01803E+15	181ME11079	SACHIN DATTATRAY GHAGMARE	19	4	4	4	7	4	4	100	4	4	100	12	11	91.67
2.01803E+15	181ME11082	SHREEYASH RAJARAM CHAVAN	14	4	2	2	6	4	2	50.00	4	2	50.00	12	10	83.33
2.01803E+15	181ME11090	PRAKASH BHIMRAO GHADAGE	18	4	3	4	7	4	3	75.00	4	4	100	12	11	91.67
2.01803E+15	181ME11091	VAIBHAV RAMDAS GAIKWAD	14	4	2	4	4	4	2	50.00	4	4	100	12	8	66.67
2.01803E+15	181ME11094	PRATHMESH RAMESH KIRGAT	14	4	4	2	4	4	4	100	4	2	50.00	12	8	66.67
2.01803E+15	181ME11099	RAJENDRA ADMANE DHANANJAY	13	4	4	2	3	4	4	100	4	2	50.00	12	7	58.33
2.01803E+15	181ME11097	OMKAR BABASO DANDAGE	18	4	4	3	7	4	4	100	4	3	75.00	12	11	91.67
2.01803E+15	181ME11075	PRATHMESH MANOHAR JATKAR	11	4	2	2	3	4	2	50.00	4	2	50.00	12	7	58.33
2.01803E+15	181ME11101	ATHARV SANTOSH JOSHI	9	4	3	0	2	4	3	75.00	4	0	NA	12	6	50.00
2.01803E+15	181ME11092	RUSHIKESH VIDYADHAR PATIL	13	4	4	0	5	4	4	100	4	0	NA	12	9	75.00
2.01803E+15	181ME11044	CHANDRAKANT CHAVAN SAURABH	17	4	3	4	6	4	3	75.00	4	4	100	12	10	83.33
2.01803E+15	181ME11077	SACHIN ASHOK KSHIRSAGAR	20	4	4	4	8	4	4	100	4	4	100	12	12	100
2.01803E+15	181ME11116	DEEPIYOTI DATTATRAY SATHE	20	4	4	4	8	4	4	100	4	4	100	12	12	100
2.01803E+15	181ME11117	NAMRATA RAJU PARVAT	18	4	4	4	6	4	4	100	4	4	100	12	10	83.33
2.01903E+15	191ME12004	PRANAY PRADIP DISALE	20	4	4	4	8	4	4	100	4	4	100	12	12	100
2.01803E+15	T181ME11118	DHONDBA SUL AMOL	11	4	0	3	4	4	0	NA	4	3	75.00	12	8	66.67
2.01803E+15	T181ME11119	ATISH BALASO JADHAV	17	4	4	1	8	4	4	100	4	1	25.00	12	12	100

Number of Students: 49

Tool CO Attainment

Target Level(%): 40

Linked CO	ME215-19.2	ME215-19.3	ME215-19.4
No. of Students achieving Target Level	43	37	48
No. of Applicable Students	49	49	49
% Students achieving Target	87.76	75.51	97.96
Attainment Level	3	2	3

Attainment Level
(Percentage of students scoring Marks >=60) = Level 1
(Percentage of students scoring Marks >=70) = Level 2
(Percentage of students scoring Marks >=80) = Level 3

SVERIS COLLEGE OF ENGINEERING, PANDHARPUR
TOOL CO ATTAINMENT REPORT
ACADEMIC YEAR: 2019-20
DEPARTMENT: MECHANICAL ENGINEERING
PROGRAM: UNDER GRADUATE IN MECHANICAL ENGINEERING
CLASS: SECOND YEAR
DIVISION: A
COURSE: INTERNAL COMBUSTION ENGINES (ME215-19)
TOOL NAME: ISE-3
TOOL MAX. MARKS: 20

PRN NO.	Roll No.	Name of Student	Linked CO	ME215-19.5	ME215-19.6	ME215-19.6	ME215-19.5	ME215-19.5			ME215-19.6		
			Max. Marks	2	2	8	8	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks
O. No. / Total Obtained Marks	Q1	Q2	Q3	Q4									
2.01803E+15	181ME11001	MANGESH MAHAVIR MISAL	10	0	2	4	4	10	4	40.00	10	6	60.00
2.01803E+15	181ME11002	NIKHIL DILIP MUNDHE	16	1	2	7	6	10	7	70.00	10	9	90.00
2.01803E+15	181ME11008	VAISHNAVI MAHESH LAKHERI	16	1	1	8	6	10	7	70.00	10	9	90.00
2.01803E+15	181ME11009	MILIND SHASHIKANT JAGADALE	19	2	2	8	7	10	9	90.00	10	10	100
2.01803E+15	181ME11014	KOMAL REVANSIDHESHWAR ACHUGATLA	18	1	1	8	8	10	9	90.00	10	9	90.00
2.01803E+15	181ME11016	YUVRAJ VINOD SHELAR	13	2	2	8	1	10	3	30.00	10	10	100
2.01803E+15	181ME11018	SALEHA SALIM MIRJAR	15	2	2	8	3	10	5	50.00	10	10	100
2.01803E+15	181ME11025	SAURABH BANDU KADASARE	17	2	2	8	5	10	7	70.00	10	10	100
2.01803E+15	181ME11026	ROHIT ANANDA KHANDAGALE	10	1	2	6	1	10	2	20.00	10	8	80.00
2.01803E+15	181ME11027	YOGESH PRAKASH CHAVAN	17	2	2	8	5	10	7	70.00	10	10	100
2.01803E+15	181ME11029	BHARAT DNYANDEV BURUNGALE	14	0	1	8	5	10	5	50.00	10	9	90.00
2.01803E+15	181ME11030	GHANASHAM SHASHIKANT CHITARI	18	2	2	8	6	10	8	80.00	10	10	100
2.01803E+15	181ME11032	AYUSH NITIN KALE	17	2	2	8	5	10	7	70.00	10	10	100
2.01803E+15	181ME11034	KIRAN VINAYAK HAMBIRRAO	14	2	2	8	2	10	4	40.00	10	10	100
2.01803E+15	181ME11036	CHANDRAGUPT VINAYAK PARCHANDRAO	13	0	1	6	6	10	6	60.00	10	7	70.00
2.01803E+15	181ME11037	AKSHAY BALASABHEB PANSARE	12	2	2	6	2	10	4	40.00	10	8	80.00
2.01803E+15	181ME11038	RAHUL RAJARAM SATAPUTE	13	2	2	8	1	10	3	30.00	10	10	100
2.01803E+15	181ME11039	DNYANESHWAR ROHIDAS BANSODE	15	2	2	6	5	10	7	70.00	10	8	80.00
2.01803E+15	181ME11041	RUTUJA SURESH TARAPURKAR	8	2	2	4	0	10	2	20.00	10	6	60.00
2.01803E+15	181ME11044	SURAJ DATTATRAY MORE	19	1	2	8	8	10	9	90.00	10	10	100
2.01803E+15	181ME11046	PRUTHIVIRAJ SOMNATH DESHMUKH	9	0	1	7	1	10	1	10.00	10	8	80.00
2.01803E+15	181ME11048	ADITYA VYANKATESH MOTEWAR	13	1	2	8	2	10	3	30.00	10	10	100
2.01803E+15	181ME11052	MADHURI VINAYAK PARCHANDRAO	9	2	0	1	6	10	8	80.00	10	1	10.00
2.01803E+15	181ME11054	GYATRI VINAYAK JOSHI	17	2	2	8	5	10	7	70.00	10	10	100
2.01803E+15	181ME11057	GANESH SHANKAR TODKAR	14	2	1	8	3	10	5	50.00	10	9	90.00
2.01803E+15	181ME11058	YASH YUVRAJ GADEKAR	16	2	2	8	4	10	6	60.00	10	10	100
2.01803E+15	181ME11066	SUMEET SUHAS CHAVARE	16	2	2	8	4	10	6	60.00	10	10	100
2.01803E+15	181ME11067	SHRADHHA DATTATRAY GAJAKOSH	16	0	1	8	7	10	7	70.00	10	9	90.00
2.01803E+15	181ME11073	RUTIK RAMESH GODSE	16	2	2	8	4	10	6	60.00	10	10	100
2.01803E+15	181ME11075	SURESH CHAVAN SAMARTH	14	2	2	8	2	10	4	40.00	10	10	100
2.01803E+15	181ME11076	ONKAR RAJENDRA DEOKAR	16	2	2	8	4	10	6	60.00	10	10	100
2.01803E+15	181ME11078	VAIBHAV NANASAHEB GAIKWAD	11	2	2	6	1	10	3	30.00	10	8	80.00
2.01803E+15	181ME11079	SACHIN DATTATRAY WAGHIMARE	13	1	2	8	2	10	3	30.00	10	10	100
2.01803E+15	181ME11082	SHREYAVSH RAJARAM CHAVAN	17	1	1	8	7	10	8	80.00	10	9	90.00
2.01803E+15	181ME11090	PRAKASH BHIMRAO GHADAGE	13	2	2	8	1	10	3	30.00	10	10	100
2.01803E+15	181ME11091	VAIBHAV RAMDAS GAIKWAD	13	2	2	8	1	10	3	30.00	10	10	100
2.01803E+15	181ME11094	PRATHIMESH RAMESH KIRGAT	16	1	2	8	5	10	6	60.00	10	10	100
2.01803E+15	181ME11096	RAJENDRA ADMANE DHANANJAY	11	2	2	6	1	10	3	30.00	10	8	80.00
2.01803E+15	181ME11097	OMKAR BABASO DANDAGE	17	2	2	8	5	10	7	70.00	10	10	100
2.01803E+15	181ME11099	PRATHAMESH MANOHAR JATKAR	12	2	2	8	0	10	2	20.00	10	10	100
2.01803E+15	181ME11101	ATHARV SANTOSH JOSHI	12	1	2	8	1	10	2	20.00	10	10	100
2.01803E+15	181ME11102	RUSHIKESH VIDYADHAR PATIL	10	2	2	5	1	10	3	30.00	10	7	70.00
2.01803E+15	181ME11104	CHANDRAKANT CHAVAN SAURABH	12	1	1	8	2	10	3	30.00	10	9	90.00
2.01803E+15	181ME11107	SACHIN ASHOK KSHIRSAGAR	18	1	1	8	8	10	9	90.00	10	9	90.00
2.01803E+15	181ME11116	DEEPIYOTI DATTATRAY SATHE	20	2	2	8	8	10	10	100	10	10	100
2.01803E+15	181ME11117	NAMRATA RAJU PARVAT	18	2	2	8	6	10	8	80.00	10	10	100
2.01903E+15	191ME12004	PRANAY PRADIP DISALE	16	1	0	8	7	10	8	80.00	10	8	80.00
2.01803E+15	T181ME11118	DHONIDIBA SUL AMOL	20	2	2	8	8	10	10	100	10	10	100
2.01803E+15	T181ME11119	ATISH BALASO JADHAV	13	2	2	7	2	10	4	40.00	10	9	90.00

Number of Students: 49

Tool CO Attainment

Target Level(%): 40

Linked CO	ME215-19.5	ME215-19.6
No. of Students achieving Target Level	34	48
No. of Applicable Students	49	49
% Students achieving Target Level	69.39	97.96
Attainment Level	1	3

Attainment Level

(Percentage of students scoring Marks >=60) = Level 1

(Percentage of students scoring Marks >=70) = Level 2

(Percentage of students scoring Marks >=80) = Level 3

SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR
TOOL CO ATTAINMENT REPORT
ACADEMIC YEAR: 2019-20
DEPARTMENT: MECHANICAL ENGINEERING
PROGRAM: UNDER GRADUATE IN MECHANICAL ENGINEERING
CLASS: SECOND YEAR
DIVISION: A
COURSE: INTERNAL COMBUSTION ENGINES (ME215-19)
TOOL NAME: UT-1
TOOL MAX. MARKS: 20

PRN NO.	Roll No.	Name of Student	Linked CO	ME215-19.1	ME215-19.1	ME215-19.1		
			Max. Marks	4	16	Max. Marks	Obtained Marks	% Marks
			Q. No. / Total Obtained Marks	Q1	Q2			
2.01803E+15	181ME11001	MANGESH MAHAVIR MISAL	16	4	12	20	16	80.00
2.01803E+15	181ME11002	NIKHIL DILIP MUNDHE	16	4	12	20	16	80.00
2.01803E+15	181ME11008	VAISHNAVI MAHESH LAKHERI	16	4	12	20	16	80.00
2.01803E+15	181ME11009	MILIND SHASHIKANT JAGADALE	20	4	16	20	20	100
2.01803E+15	181ME11014	KOMAL REVANSIDHESHWAR ACHUGATLA	16	4	12	20	16	80.00
2.01803E+15	181ME11016	YUVRAJ VINOD SHELAR	12	4	8	20	12	60.00
2.01803E+15	181ME11018	SALEHA SALIM MIRJKAR	16	4	12	20	16	80.00
2.01803E+15	181ME11025	SAURABH BANDU KADASARE	20	4	16	20	20	100
2.01803E+15	181ME11026	ROHIT ANANDA KHANDAGALE	10	4	6	20	10	50.00
2.01803E+15	181ME11027	YOGESH PRAKASH CHAVAN	12	4	8	20	12	60.00
2.01803E+15	181ME11029	BHARAT DNYANDEV BURUNGALE	16	4	12	20	16	80.00
2.01803E+15	181ME11030	GHANASHAM SHASHIKANT CHITARI	10	4	6	20	10	50.00
2.01803E+15	181ME11032	AYUSH NITIN KALE	9	4	5	20	9	45.00
2.01803E+15	181ME11034	KIRAN VINAYAK HAMBIRRAO	12	4	8	20	12	60.00
2.01803E+15	181ME11036	CHANDRAGUPT VINAYAK PARCHANDRAO	12	4	8	20	12	60.00
2.01803E+15	181ME11037	AKSHAY BALASAHEB PANSARE	8	4	4	20	8	40.00
2.01803E+15	181ME11038	RAHUL RAJARAM SATAPUTE	16	4	12	20	16	80.00
2.01803E+15	181ME11039	DNYANESHWAR ROHIDAS BANSODE	13	4	9	20	13	65.00
2.01803E+15	181ME11041	RUTUJA SURESH TARAPURKAR	10	4	6	20	10	50.00
2.01803E+15	181ME11044	SURAJ DATTATRAY MORE	18	4	14	20	18	90.00
2.01803E+15	181ME11046	PRUTHVIRAJ SOMNATH DESHMUKH	14	4	10	20	14	70.00
2.01803E+15	181ME11048	ADITYA VYANKATESH MOTEWAR	16	4	12	20	16	80.00
2.01803E+15	181ME11052	MADHURI VINAYAK PARCHANDRAO	16	4	12	20	16	80.00
2.01803E+15	181ME11054	GAYATRI VINAYAK JOSHI	16	4	12	20	16	80.00
2.01803E+15	181ME11057	GANESH SHANKAR TODKAR	16	4	12	20	16	80.00
2.01803E+15	181ME11058	YASH YUVRAJ GADEKAR	14	4	10	20	14	70.00
2.01803E+15	181ME11066	SUMEET SUHAS CHAVARE	14	4	10	20	14	70.00
2.01803E+15	181ME11067	SHRADHHA DATTATRAY GAJAKOSH	16	4	12	20	16	80.00
2.01803E+15	181ME11073	RUTIK RAMESH GODSE	15	4	11	20	15	75.00
2.01803E+15	181ME11075	SURESH CHAVAN SAMARTH	12	4	8	20	12	60.00
2.01803E+15	181ME11076	ONKAR RAJENDRA DEOKAR	14	4	10	20	14	70.00
2.01803E+15	181ME11078	VAIBHAV NANASAHEB GAIKWAD	12	4	8	20	12	60.00
2.01803E+15	181ME11079	SACHIN DATTATRAY WAGHMARE	16	4	12	20	16	80.00
2.01803E+15	181ME11082	SHREEYASH RAJARAM CHAVAN	16	4	12	20	16	80.00
2.01803E+15	181ME11090	PRAKASH BHIMRAO GHADAGE	14	4	10	20	14	70.00
2.01803E+15	181ME11091	VAIBHAV RAMDAS GAIKWAD	12	4	8	20	12	60.00
2.01803E+15	181ME11094	PRATHMESH RAMESH KIRGAT	18	4	14	20	18	90.00
2.01803E+15	181ME11096	RAJENDRA ADMANE DHANANJAY	12	4	8	20	12	60.00
2.01803E+15	181ME11097	OMKAR BABASO DANDAGE	14	4	10	20	14	70.00
2.01803E+15	181ME11099	PRATHAMESH MANOHAR JATKAR	18	4	14	20	18	90.00
2.01803E+15	181ME11101	ATHARV SANTOSH JOSHI	12	4	8	20	12	60.00
2.01803E+15	181ME11102	RUSHIKESH VIDYADHAR PATIL	16	4	12	20	16	80.00
2.01803E+15	181ME11104	CHANDRAKANT CHAVAN SAURABH	16	4	12	20	16	80.00
2.01803E+15	181ME11107	SACHIN ASHOK KSHIRSAGAR	18	4	14	20	18	90.00
2.01803E+15	181ME11116	DEEPPYOTI DATTATRAY SATHE	20	4	16	20	20	100
2.01803E+15	181ME11117	NAMRATA RAJU PARVAT	14	4	10	20	14	70.00
2.01903E+15	191ME12004	PRANAY PRADIP DISALE	18	4	14	20	18	90.00
2.01803E+15	T181ME11118	DHONDIKA SUL AMOL	13	4	9	20	13	65.00
2.01803E+15	T181ME11119	ATISH BALASAHEB JADHAV	12	4	8	20	12	60.00

Number of Students: 49

Tool CO Attainment

Target Level(%): 40

Linked CO	ME215-19.1
No. of Students achieving Target Level	49
No. of Applicable Students	49
% Students achieving Target Level	100
Attainment Level	3

Attainment Level

(Percentage of students scoring Marks >=60) = Level 1

(Percentage of students scoring Marks >=70) = Level 2

(Percentage of students scoring Marks >=80) = Level 3

SVER'S COLLEGE OF ENGINEERING, PANDHARPUR
TOOL CO ATTAINMENT REPORT
ACADEMIC YEAR: 2019-20
DEPARTMENT: MECHANICAL ENGINEERING
PROGRAM: UNDER GRADUATE IN MECHANICAL ENGINEERING
CLASS: SECOND YEAR
DIVISION: A
COURSE: INTERNAL COMBUSTION ENGINES (ME215-19)
TOOL NAME: UT-2
TOOL MAX. MARKS: 20

PRN NO.	Roll No.	Name of Student	Linked CO				ME215-19.2				ME215-19.3					
			Max. Marks	ME215-19.2	ME215-19.3	ME215-19.2	ME215-19.3	Q1	Q2	Q3	Q4	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks
2.01803E+15	181ME11001	MANGESH MAHAVIR MISAL	18	2	2	6	8	10	8	80.00	10	10	100	100	100	100
2.01803E+15	181ME11002	NIKHIL DILIP MUNDHE	20	2	2	8	8	10	10	100	10	10	100	100	100	100
2.01803E+15	181ME11008	VAISHNAVI MAHESH LAKHERI	17	2	2	6	7	10	8	80.00	10	9	90.00	90.00	90.00	90.00
2.01803E+15	181ME11009	MILIND SHASHIKANT JAGADALE	18	2	2	6	8	10	8	80.00	10	10	100	100	100	100
2.01803E+15	181ME11014	KOMAL REVANSIDHESHWAR ACHUGATLA	18	2	2	8	6	10	10	100	10	8	80.00	80.00	80.00	80.00
2.01803E+15	181ME11016	YUVRAJ VINOD SHELAR	11	2	2	4	3	10	6	60.00	10	5	50.00	50.00	50.00	50.00
2.01803E+15	181ME11018	SALEHA SALIM MIRJAR	12	2	2	4	4	10	6	60.00	10	6	60.00	60.00	60.00	60.00
2.01803E+15	181ME11025	SAURABH BANDU KADASARE	16	2	2	6	6	10	8	80.00	10	8	80.00	80.00	80.00	80.00
2.01803E+15	181ME11026	ROHIT ANANDA KHANDAGALE	12	2	2	4	4	10	6	60.00	10	6	60.00	60.00	60.00	60.00
2.01803E+15	181ME11027	YOGESH PRAKASH CHAVAN	13	2	2	4	5	10	6	60.00	10	7	70.00	70.00	70.00	70.00
2.01803E+15	181ME11029	BHARAT DNYANDEV BURUNGALE	16	2	2	6	6	10	8	80.00	10	8	80.00	80.00	80.00	80.00
2.01803E+15	181ME11030	GHANASHAM SHASHIKANT CHITARI	16	2	2	6	6	10	8	80.00	10	8	80.00	80.00	80.00	80.00
2.01803E+15	181ME11032	AYUSH NITIN KALE	14	2	2	6	4	10	8	80.00	10	6	60.00	60.00	60.00	60.00
2.01803E+15	181ME11034	KIRAN VINAYAK HAMBIRRAO	12	2	2	5	3	10	7	70.00	10	5	50.00	50.00	50.00	50.00
2.01803E+15	181ME11036	CHANDRAGUPT VINAYAK PARCHANDRAO	12	2	2	4	4	10	6	60.00	10	6	60.00	60.00	60.00	60.00
2.01803E+15	181ME11037	AKSHAY BALASHEB PANSARE	10	2	2	3	3	10	5	50.00	10	5	50.00	50.00	50.00	50.00
2.01803E+15	181ME11038	RAHUL RAJARAM SATAPUTE	17	2	2	7	6	10	9	90.00	10	8	80.00	80.00	80.00	80.00
2.01803E+15	181ME11039	DNYANESHWAR ROHIDAS BANSODE	14	2	2	6	4	10	8	80.00	10	6	60.00	60.00	60.00	60.00
2.01803E+15	181ME11041	RUTUJA SURESH TARAPURKAR	12	2	2	8	0	10	10	100	10	2	20.00	20.00	20.00	20.00
2.01803E+15	181ME11044	SURAJ DATTATRAY MORE	14	2	2	6	4	10	8	80.00	10	6	60.00	60.00	60.00	60.00
2.01803E+15	181ME11046	PRUTHIVIRAJ SOMNATH DESHMUKH	12	2	2	4	4	10	6	60.00	10	6	60.00	60.00	60.00	60.00
2.01803E+15	181ME11048	ADITYA VYANKATESH MOTEWAR	14	2	2	4	6	10	6	60.00	10	8	80.00	80.00	80.00	80.00
2.01803E+15	181ME11052	MADHURI VINAYAK PARCHANDRAO	11	2	2	5	2	10	7	70.00	10	4	40.00	40.00	40.00	40.00
2.01803E+15	181ME11054	GYATRI VINAYAK JOSHI	14	2	2	6	4	10	8	80.00	10	6	60.00	60.00	60.00	60.00
2.01803E+15	181ME11075	GANESH SHANKAR TODKAR	14	2	2	4	6	10	6	60.00	10	8	80.00	80.00	80.00	80.00
2.01803E+15	181ME11058	YASH YUVRAJ GADEKAR	12	2	2	4	4	10	6	60.00	10	6	60.00	60.00	60.00	60.00
2.01803E+15	181ME11066	SUMEET SUHAS CHAVARE	13	2	2	5	4	10	7	70.00	10	6	60.00	60.00	60.00	60.00
2.01803E+15	181ME11067	SHRADHHA DATTATRAY GAJAKOSH	14	2	2	6	4	10	8	80.00	10	6	60.00	60.00	60.00	60.00
2.01803E+15	181ME11073	RUTIK RAMESH GODSE	15	2	2	5	6	10	7	70.00	10	8	80.00	80.00	80.00	80.00
2.01803E+15	181ME11075	SURESH CHAVAN SAMARTH	16	2	2	6	6	10	8	80.00	10	8	80.00	80.00	80.00	80.00
2.01803E+15	181ME11076	ONKAR RAJENDRA DEOKAR	16	2	2	6	6	10	8	80.00	10	8	80.00	80.00	80.00	80.00
2.01803E+15	181ME11078	VAIBHAV NANASAHEB GAIKWAD	14	2	2	5	5	10	7	70.00	10	7	70.00	70.00	70.00	70.00
2.01803E+15	181ME11079	SACHIN DATTATRAY WAGHIMARE	14	2	2	5	5	10	7	70.00	10	7	70.00	70.00	70.00	70.00
2.01803E+15	181ME11082	SHREYAVSH RAJARAM CHAVAN	18	2	2	7	7	10	9	90.00	10	9	90.00	90.00	90.00	90.00
2.01803E+15	181ME11090	PRAKASH BHIMRAO GHADAGE	14	2	2	5	5	10	7	70.00	10	7	70.00	70.00	70.00	70.00
2.01803E+15	181ME11091	VAIBHAV RAMDAS GAIKWAD	14	2	2	4	6	10	6	60.00	10	8	80.00	80.00	80.00	80.00
2.01803E+15	181ME11094	PRATHIMESH RAMESH KIRGAT	16	2	2	7	5	10	9	90.00	10	7	70.00	70.00	70.00	70.00
2.01803E+15	181ME11096	RAJENDRA ADMANE DHANANJAY	18	2	2	7	7	10	9	90.00	10	9	90.00	90.00	90.00	90.00
2.01803E+15	181ME11097	OMKAR BABASO DANDAGE	15	2	2	5	6	10	7	70.00	10	8	80.00	80.00	80.00	80.00
2.01803E+15	181ME11099	PRATHAMESH MANOHAR JATKAR	15	2	2	6	5	10	8	80.00	10	7	70.00	70.00	70.00	70.00
2.01803E+15	181ME11101	ATHARV SANTOSH JOSHI	13	2	2	5	4	10	7	70.00	10	6	60.00	60.00	60.00	60.00
2.01803E+15	181ME11102	RUSHIKESH VIDYADHAR PATIL	14	2	2	5	5	10	7	70.00	10	7	70.00	70.00	70.00	70.00
2.01803E+15	181ME11104	CHANDRAKANT CHAVAN SAURABH	15	2	2	5	6	10	7	70.00	10	8	80.00	80.00	80.00	80.00
2.01803E+15	181ME11107	SACHIN ASHOK KSHIRSAGAR	15	2	2	5	6	10	7	70.00	10	8	80.00	80.00	80.00	80.00
2.01803E+15	181ME11116	DEEPIYOTI DATTATRAY SATHE	19	2	2	8	7	10	10	100	10	9	90.00	90.00	90.00	90.00
2.01803E+15	181ME11117	NAMRATA RAJU PARVAT	14	2	2	6	4	10	8	80.00	10	6	60.00	60.00	60.00	60.00
2.01803E+15	191ME12004	PRANAY PRADIP DISALE	16	2	2	8	4	10	10	100	10	6	60.00	60.00	60.00	60.00
2.01803E+15	T181ME11118	DHONDIKA SUL AMOL	16	2	2	5	7	10	7	70.00	10	9	90.00	90.00	90.00	90.00
2.01803E+15	T181ME11119	ATISH BALASO JADHAV	16	2	2	6	6	10	8	80.00	10	8	80.00	80.00	80.00	80.00

Number of Students: 49

Tool CO Attainment

Target Level(%): 40

Linked CO	ME215-19.2	ME215-19.3
No. of Students achieving Target Level	49	48
No. of Applicable Students	49	49
% Students achieving Target Level	100	97.96
Attainment Level	3	3

Attainment Level

(Percentage of students scoring Marks >=60) = Level 1

(Percentage of students scoring Marks >=70) = Level 2

(Percentage of students scoring Marks >=80) = Level 3

SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR

TOOL CO ATTAINMENT REPORT

ACADEMIC YEAR: 2019-20

DEPARTMENT: MECHANICAL ENGINEERING

PROGRAM: UNDER GRADUATE IN MECHANICAL ENGINEERING

CLASS: SECOND YEAR

DIVISION: A

COURSE: INTERNAL COMBUSTION ENGINES (ME215-19)

TOOL NAME: UT-3

TOOL MAX. MARKS: 20

PRN NO.	Roll No.	Name of Student	Linked CO	ME215-19.4	ME215-19.4	ME215-19.4		
			Max. Marks	4	16	Q1	Q2	Max. Marks
2.01803E+15	181ME11001	MANGESH MAHARV MISAL	19	4	15	20	19	95.00
2.01803E+15	181ME11002	NIKHIL DILIP MUNDHE	18	4	14	20	18	90.00
2.01803E+15	181ME11008	VAISHNAVI MAHESH LAKHERI	12	4	8	20	12	60.00
2.01803E+15	181ME11009	MILIND SHASHIKANT JAGADALE	16	4	12	20	16	80.00
2.01803E+15	181ME11014	KOMAL REVANSIDHESHWAR ACHUGATLA	16	4	12	20	16	80.00
2.01803E+15	181ME11016	YUVRAJ VINOD SHELAR	9	4	5	20	9	45.00
2.01803E+15	181ME11018	SALEHA SALIM MIRJKAR	12	4	8	20	12	60.00
2.01803E+15	181ME11025	SAURABH BANDU KADASARE	16	4	12	20	16	80.00
2.01803E+15	181ME11026	ROHIT ANANDA KHANDAGALE	12	4	8	20	12	60.00
2.01803E+15	181ME11027	YOGESH PRAKASH CHAVAN	12	4	8	20	12	60.00
2.01803E+15	181ME11029	BHARAT DNYANDEV BURUNGALE	13	3	10	20	13	65.00
2.01803E+15	181ME11030	GHANASHAM SHASHIKANT CHITARI	12	4	8	20	12	60.00
2.01803E+15	181ME11032	AYUSH NITIN KALE	12	4	8	20	12	60.00
2.01803E+15	181ME11034	KIRAN VINAYAK HAMBIRRAO	16	4	12	20	16	80.00
2.01803E+15	181ME11036	CHANDRAGUPT VINAYAK PARCHANDRAO	17	4	13	20	17	85.00
2.01803E+15	181ME11037	AKSHAY BALASAHEB PANSARE	12	4	8	20	12	60.00
2.01803E+15	181ME11038	RAHUL RAJARAM SATAPUTE	16	4	12	20	16	80.00
2.01803E+15	181ME11039	DNYANESHWAR ROHIDAS BANSODE	12	4	8	20	12	60.00
2.01803E+15	181ME11041	RUTUJA SURESH TARAPURKAR	14	4	10	20	14	70.00
2.01803E+15	181ME11044	SURAJ DATTATRAY MORE	18	4	14	20	18	90.00
2.01803E+15	181ME11046	PRUTHVIRAJ SOMNATH DESHMUKH	13	4	9	20	13	65.00
2.01803E+15	181ME11048	ADITYA VYANKATESH MOTEWAR	16	4	12	20	16	80.00
2.01803E+15	181ME11052	MADHURI VINAYAK PARCHANDRAO	16	4	12	20	16	80.00
2.01803E+15	181ME11054	GAYATRI VINAYAK JOSHI	16	4	12	20	16	80.00
2.01803E+15	181ME11057	GANESH SHANKAR TODKAR	12	4	8	20	12	60.00
2.01803E+15	181ME11058	YASH YUVRAJ GADEKAR	12	4	8	20	12	60.00
2.01803E+15	181ME11066	SUMEET SUHAS CHAVARE	15	4	11	20	15	75.00
2.01803E+15	181ME11067	SHRADHHA DATTATRAY GAJKOSH	16	4	12	20	16	80.00
2.01803E+15	181ME11073	RUTIK RAMESH GODSE	14	4	10	20	14	70.00
2.01803E+15	181ME11075	SURESH CHAVAN SAMARTH	14	4	10	20	14	70.00
2.01803E+15	181ME11076	ONKAR RAJENDRA DEOKAR	16	4	12	20	16	80.00
2.01803E+15	181ME11078	VAIBHAV NANASAHEB GAIKWAD	14	4	10	20	14	70.00
2.01803E+15	181ME11079	SACHIN DATTATRAY WAGHMARE	20	4	16	20	20	100
2.01803E+15	181ME11082	SHREEYASH RAJARAM CHAVAN	14	4	10	20	14	70.00
2.01803E+15	181ME11090	PRakash BHIMRAO GHADAGE	12	3	9	20	12	60.00
2.01803E+15	181ME11091	VAIBHAV RAMDAS GAIKWAD	14	4	10	20	14	70.00
2.01803E+15	181ME11094	PRATHMESH RAMESH KIRGAT	15	4	11	20	15	75.00
2.01803E+15	181ME11096	RAJENDRA ADMANE DHANANJAY	12	4	8	20	12	60.00
2.01803E+15	181ME11097	OMKAR BABASO DANDAGE	12	4	8	20	12	60.00
2.01803E+15	181ME11099	PRATHAMESH MANOHAR JATKAR	14	4	10	20	14	70.00
2.01803E+15	181ME11101	ATHARV SANTOSH JOSHI	11	4	7	20	11	55.00
2.01803E+15	181ME11102	RUSHIKESH VIDYADHAR PATIL	14	4	10	20	14	70.00
2.01803E+15	181ME11104	CHANDRAKANT CHAVAN SAURABH	14	4	10	20	14	70.00
2.01803E+15	181ME11107	SACHIN ASHOK KSHIRSAGAR	20	4	16	20	20	100
2.01803E+15	181ME11116	DEEPPYOTI DATTATRAY SATHE	17	4	13	20	17	85.00
2.01803E+15	181ME11117	NAMRATA RAJU PARVAT	16	4	12	20	16	80.00
2.01803E+15	191ME12004	PRANAY PRADIP DISALE	16	4	12	20	16	80.00
2.01803E+15	T181ME11118	DHONDIBA SUL AMOL	16	4	12	20	16	80.00
2.01803E+15	T181ME11119	ATISH BALASO JADHAV	14	4	10	20	14	70.00

Number of Students: 49

Tool CO Attainment

Target Level(%): 40

Linked CO	ME215-19.4
No. of Students achieving Target Level	49
No. of Applicable Students	49
% Students achieving Target Level	100
Attainment Level	3

Attainment Level

(Percentage of students scoring Marks >=60) = Level 1

(Percentage of students scoring Marks >=70) = Level 2

(Percentage of students scoring Marks >=80) = Level 3

SVERI'S COLLEGE OF ENGINEERING, PANDHUPUR
TOOL CO ATTAINMENT REPORT
ACADEMIC YEAR: 2019-20
DEPARTMENT: MECHANICAL ENGINEERING
PROGRAM: UNDER GRADUATE IN MECHANICAL ENGINEERING
CLASS: SECOND YEAR
DIVISION: A
COURSE: INTERNAL COMBUSTION ENGINES (ME215-19)
TOOL NAME: OBT-I
TOOL MAX. MARKS: 20

PRN NO.	Roll No.	Name of Student	Linked CO	ME215-19.1		ME215-19.2		ME215-19.1			ME215-19.2		
			Max. Marks	10	10	Q1	Q2	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks
2.01803E+15	181ME11001	MANGESH MAHAVIR MISAL	19	10	9	10	10	100	100	10	9	9	90.00
2.01803E+15	181ME11002	NIKHIL DILIP MUNDHE	18	9	9	10	9	90.00	10	9	9	9	90.00
2.01803E+15	181ME11008	VAISHNAVI MAHESH LAKHERI	19	10	9	10	10	100	100	10	9	9	90.00
2.01803E+15	181ME11009	MILIND SHASHIKANT JAGADEALE	20	10	10	10	10	100	100	10	10	10	100
2.01803E+15	181ME11014	KOMAL REVANSIDHESHWAR ACHUGATLA	18	9	9	10	9	90.00	10	9	9	9	90.00
2.01803E+15	181ME11016	YUVRAJ VINOD SHELAR	16	8	8	10	8	80.00	10	8	8	8	80.00
2.01803E+15	181ME11018	SALEHA SALIM MIRIKAR	18	9	9	10	9	90.00	10	9	9	9	90.00
2.01803E+15	181ME11025	SAURABH BANDU KADASARE	20	10	10	10	10	100	100	10	10	10	100
2.01803E+15	181ME11026	ROHIT ANANDA KHANDAGALE	18	9	9	10	9	90.00	10	9	9	9	90.00
2.01803E+15	181ME11027	YOGESH PRAKASH CHAVAN	18	9	9	10	9	90.00	10	9	9	9	90.00
2.01803E+15	181ME11029	BHARAT DNYANDEV BURUNGALE	16	8	8	10	8	80.00	10	8	8	8	80.00
2.01803E+15	181ME11030	GHANASHAM SHASHIKANT CHITARI	18	9	9	10	9	90.00	10	9	9	9	90.00
2.01803E+15	181ME11032	AYUSH NITIN KALE	16	8	8	10	8	80.00	10	8	8	8	80.00
2.01803E+15	181ME11034	KIRAN VINAYAK HAMBIRRAO	16	8	8	10	8	80.00	10	8	8	8	80.00
2.01803E+15	181ME11036	CHANDRAGUPT VINAYAK PARCHANDRAO	18	9	9	10	9	90.00	10	9	9	9	90.00
2.01803E+15	181ME11037	AKSHAY BALASAHEB PANSARE	16	8	8	10	8	80.00	10	8	8	8	80.00
2.01803E+15	181ME11038	RAHUL RAJARAM SATAPUTE	20	10	10	10	10	100	100	10	10	10	100
2.01803E+15	181ME11039	DNYANESHWAR ROHIDAS BANSODE	18	9	9	10	9	90.00	10	9	9	9	90.00
2.01803E+15	181ME11041	RUTUJA SURESH TARAPURKAR	16	8	8	10	8	80.00	10	8	8	8	80.00
2.01803E+15	181ME11044	SURAJ DATTATRAY MORE	20	10	10	10	10	100	100	10	10	10	100
2.01803E+15	181ME11046	PRUTHVIRAJ SOMNATH DESHMUKH	16	8	8	10	8	80.00	10	8	8	8	80.00
2.01803E+15	181ME11048	ADITYA VYANKATESH MOTEWAR	18	9	9	10	9	90.00	10	9	9	9	90.00
2.01803E+15	181ME11052	MADHURI VINAYAK PARCHANDRAO	20	10	10	10	10	100	100	10	10	10	100
2.01803E+15	181ME11054	GAYATRI VINAYAK JOSHI	19	10	9	10	10	100	100	10	9	9	90.00
2.01803E+15	181ME11057	GANESH SHANKAR TODKAR	16	8	8	10	8	80.00	10	8	8	8	80.00
2.01803E+15	181ME11058	YASH YUVRAJ GADEKAR	16	8	8	10	8	80.00	10	8	8	8	80.00
2.01803E+15	181ME11066	SUMEET SUHAS CHAVARE	14	7	7	10	7	70.00	10	7	7	7	70.00
2.01803E+15	181ME11067	SHRADHIIA DATTATRAY GAJAKOSH	20	10	10	10	10	100	100	10	10	10	100
2.01803E+15	181ME11073	RUTIK RAMESH GODSE	16	8	8	10	8	80.00	10	8	8	8	80.00
2.01803E+15	181ME11075	SURESH CHAVAN SAMARTH	18	9	9	10	9	90.00	10	9	9	9	90.00
2.01803E+15	181ME11076	ONKAR RAJENDRA DEOKAR	18	9	9	10	9	90.00	10	9	9	9	90.00
2.01803E+15	181ME11078	VAIBHAV NANASAHEB GAIKWAD	16	8	8	10	8	80.00	10	8	8	8	80.00
2.01803E+15	181ME11079	SACHIN DATTATRAY WAGHMARE	18	9	9	10	9	90.00	10	9	9	9	90.00
2.01803E+15	181ME11082	SHREEYASH RAJARAM CHAVAN	16	8	8	10	8	80.00	10	8	8	8	80.00
2.01803E+15	181ME11090	PRAKASH BHIMRAO GHADAGE	16	8	8	10	8	80.00	10	8	8	8	80.00
2.01803E+15	181ME11091	VAIBHAV RAMDAS GAIKWAD	15	8	7	10	8	80.00	10	7	7	7	70.00
2.01803E+15	181ME11094	PRATHMESH RAMESH KIRGAT	19	10	9	10	10	100	100	10	9	9	90.00
2.01803E+15	181ME11096	RAJENDRA ADMANE DHANANJAY	16	8	8	10	8	80.00	10	8	8	8	80.00
2.01803E+15	181ME11097	OMKAR BABASO DANDAGE	16	8	8	10	8	80.00	10	8	8	8	80.00
2.01803E+15	181ME11099	PRATHAMESH MANOHAR JATKAR	18	9	9	10	9	90.00	10	9	9	9	90.00
2.01803E+15	181ME11101	ATHARV SANTOSH JOSHI	18	9	9	10	9	90.00	10	9	9	9	90.00
2.01803E+15	181ME11102	RUSHIKESH VIDYADHAR PATIL	18	9	9	10	9	90.00	10	9	9	9	90.00
2.01803E+15	181ME11104	CHANDRAKANT CHAVAN SAURABH	18	9	9	10	9	90.00	10	9	9	9	90.00
2.01803E+15	181ME11107	SACHIN ASHOK KSHIRSAGAR	20	10	10	10	10	100	100	10	10	10	100
2.01803E+15	181ME11116	DEEPIYOTI DATTATRAY SATHE	20	10	10	10	10	100	100	10	10	10	100
2.01803E+15	181ME11117	NAMRATA RAJU PARVAT	18	9	9	10	9	90.00	10	9	9	9	90.00
2.01903E+15	191ME12004	PRANAY PRADIP DISALE	20	10	10	10	10	100	100	10	10	10	100
2.01803E+15	T181ME11118	DHONIDIBA SUL AMOL	18	9	9	10	9	90.00	10	9	9	9	90.00
2.01803E+15	T181ME11119	ATISH BALASO JADHAV	16	8	8	10	8	80.00	10	8	8	8	80.00

Number of Students: 49

Tool CO Attainment

Target Level(%): 40

Linked CO	ME215-19.1	ME215-19.2
No. of Students achieving Target Level	49	49
No. of Applicable Students	49	49
% Students achieving Target Level	100	100
Attainment Level	3	3

Attainment Level

(Percentage of students scoring Marks >=60) = Level 1

(Percentage of students scoring Marks >=70) = Level 2

(Percentage of students scoring Marks >=80) = Level 3

SVER'S COLLEGE OF ENGINEERING, PANDHUPUR
TOOL CO ATTAINMENT REPORT
ACADEMIC YEAR: 2019-20
DEPARTMENT: MECHANICAL ENGINEERING
PROGRAM: UNDER GRADUATE IN MECHANICAL ENGINEERING
CLASS: SECOND YEAR
DIVISION: A
COURSE: INTERNAL COMBUSTION ENGINES (ME215-19)
TOOL NAME: OBT-2
TOOL MAX. MARKS: 20

PRN NO.	Ref No.	Name of Student	Linked CO			ME215-19.2			ME215-19.3			ME215-19.4			ME215-19.2			ME215-19.3			ME215-19.4		
			Q. No.	Total Obtained Marks	Max. Marks	Q1	Q2	Q3	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks
2.01803E+15	18IME11001	MANGESH MAHAVIS MISAL	17	6	6	5	6	6	100	83.33	83.33	8	6	6	6	83.33	83.33	83.33	8	6	62.50		
2.01803E+15	18IME11002	NIKHIL DILIP MUNDHE	18	5	5	8	6	5	100	83.33	83.33	8	8	8	6	100	100	100	8	8	100		
2.01803E+15	18IME11008	VAISHNAVI MAHESH LAKHERI	18	5	5	8	6	5	100	83.33	83.33	8	8	8	6	100	100	100	8	8	100		
2.01803E+15	18IME11009	MILIND SHASHIKANT JAGADALE	20	6	6	8	6	6	100	100	100	6	6	6	100	8	8	8	8	100			
2.01803E+15	18IME11014	KOMAL REVANSIDHESHWAR ACHUGATLA	18	5	5	8	6	5	83.33	83.33	83.33	8	8	8	6	83.33	83.33	83.33	8	8	100		
2.01803E+15	18IME11015	YOGESH KALYAN SHILAR	16	5	5	6	6	5	83.33	83.33	83.33	8	6	6	6	100	100	100	8	6	75.00		
2.01803E+15	18IME11019	SALEHA SALIM MIRKAR	18	6	6	6	6	6	100	100	100	6	6	6	6	100	100	100	6	6	75.00		
2.01803E+15	18IME11025	SARABH BANDI KADASARE	18	5	5	8	6	5	83.33	83.33	83.33	8	8	8	6	83.33	83.33	83.33	8	8	100		
2.01803E+15	18IME11026	ROHIT ANANDA KHANDAGALE	18	6	6	6	6	6	100	100	100	6	6	6	6	100	100	100	6	6	75.00		
2.01803E+15	18IME11027	YOGESH PRAKASH CHAVAN	19	6	6	7	6	6	100	100	100	6	6	6	6	100	100	100	7	7	87.50		
2.01803E+15	18IME11029	BHARAT DNYANDEV BURUNGALE	20	6	6	8	6	6	100	100	100	6	6	6	6	100	100	100	8	8	100		
2.01803E+15	18IME11030	GHANASHAM SHASHIKANT CHITARI	18	5	5	8	6	5	83.33	83.33	83.33	8	8	8	6	83.33	83.33	83.33	8	8	100		
2.01803E+15	18IME11032	AYUSH NEETIN KALE	16	5	5	6	6	5	83.33	83.33	83.33	8	6	6	6	83.33	83.33	83.33	8	6	75.00		
2.01803E+15	18IME11034	URAN VINAYAK HAMBIRRAO	15	5	5	5	6	5	83.33	83.33	83.33	8	5	5	5	83.33	83.33	83.33	8	5	62.50		
2.01803E+15	18IME11036	CHANDRA GURU VINAYAK PARCHANDRAO	18	5	5	8	6	5	83.33	83.33	83.33	8	8	8	6	83.33	83.33	83.33	8	8	100		
2.01803E+15	18IME11037	AKSHAY BALASAHEB PANSARE	18	5	5	8	6	5	83.33	83.33	83.33	8	5	5	5	83.33	83.33	83.33	8	8	100		
2.01803E+15	18IME11038	SURAJ RAJARAJA SATAPUTE	20	6	6	8	6	6	100	100	100	6	6	6	6	100	100	100	8	8	100		
2.01803E+15	18IME11039	DNYANESHWAR ROHIDAS BANSODE	18	5	5	8	6	5	83.33	83.33	83.33	8	5	5	5	83.33	83.33	83.33	8	8	100		
2.01803E+15	18IME11041	RUTUJA SURESH TARAPURKAR	18	5	5	8	6	5	83.33	83.33	83.33	8	5	5	5	83.33	83.33	83.33	8	8	100		
2.01803E+15	18IME11044	SURAJ DATATRAY MORE	18	5	5	8	6	5	83.33	83.33	83.33	8	5	5	5	83.33	83.33	83.33	8	8	100		
2.01803E+15	18IME11046	PRUTHIVIRAJ SONNATH DESHMUKH	16	5	5	6	6	5	83.33	83.33	83.33	8	5	5	5	83.33	83.33	83.33	8	6	75.00		
2.01803E+15	18IME11048	ADITYA VYANKATESH MOTEWAR	16	5	5	6	6	5	83.33	83.33	83.33	8	5	5	5	83.33	83.33	83.33	8	6	75.00		
2.01803E+15	18IME11052	MADHURI VINAYAK PARCHANDRAO	17	5	4	8	6	5	83.33	83.33	83.33	4	4	4	4	66.67	66.67	66.67	8	8	100		
2.01803E+15	18IME11053	SHREYAS VINAYAK JOSHI	18	5	5	8	6	5	83.33	83.33	83.33	8	8	8	6	83.33	83.33	83.33	8	8	100		
2.01803E+15	18IME11057	GANESH SHANKAR TOJKAR	18	5	5	8	6	5	83.33	83.33	83.33	8	5	5	5	83.33	83.33	83.33	8	5	62.50		
2.01803E+15	18IME11058	YASH YUVRAJ GADEKAR	15	5	5	5	6	5	83.33	83.33	83.33	6	5	5	5	83.33	83.33	83.33	8	5	62.50		
2.01803E+15	18IME11066	SUMEET SUHAS CHAVARE	14	5	5	4	6	5	83.33	83.33	83.33	6	5	5	5	83.33	83.33	83.33	8	4	50.00		
2.01803E+15	18IME11067	SHRADHHA DATATRAY GAJAKOSH	18	5	5	8	6	5	83.33	83.33	83.33	6	5	5	5	83.33	83.33	83.33	8	8	100		
2.01803E+15	18IME11073	RUTIK RAMESH GODSE	16	4	4	8	6	4	66.67	66.67	66.67	6	4	4	4	66.67	66.67	66.67	8	8	100		
2.01803E+15	18IME11075	SURESH CHAVAN SAMARTH	16	4	4	8	6	4	66.67	66.67	66.67	6	4	4	4	66.67	66.67	66.67	8	8	100		
2.01803E+15	18IME11076	ONKAR RAJENDRA DEOKAR	18	5	5	8	6	5	83.33	83.33	83.33	6	5	5	5	83.33	83.33	83.33	8	8	100		
2.01803E+15	18IME11078	VAIBHAV NANASAHEB GAIKWAD	16	4	4	8	6	4	66.67	66.67	66.67	6	4	4	4	66.67	66.67	66.67	8	8	100		
2.01803E+15	18IME11079	SACHIN DATTATRAY WAGHMARE	18	5	5	8	6	5	83.33	83.33	83.33	6	5	5	5	83.33	83.33	83.33	8	8	100		
2.01803E+15	18IME11082	SHREYASH RAJARAM CHAVAN	18	5	5	8	6	5	83.33	83.33	83.33	6	5	5	5	83.33	83.33	83.33	8	8	100		
2.01803E+15	18IME11090	PRAKASH BHIMRAO GHADAGE	15	5	5	5	6	5	83.33	83.33	83.33	6	5	5	5	83.33	83.33	83.33	8	5	62.50		
2.01803E+15	18IME11091	VAIBHAV RAMDAS GAIKWAD	18	5	5	8	6	5	83.33	83.33	83.33	6	5	5	5	83.33	83.33	83.33	8	8	100		
2.01803E+15	18IME11094	PRATHAMESH RAMESH KIRGAT	19	5	6	8	6	5	83.33	83.33	83.33	6	6	6	6	100	100	100	8	8	100		
2.01803E+15	18IME11096	RAJENDRA ADMANE DHANANJAY	17	5	5	7	6	5	83.33	83.33	83.33	6	5	5	5	83.33	83.33	83.33	7	7	87.50		
2.01803E+15	18IME11097	OMKAR BABASO DANDAGE	17	5	4	8	6	5	83.33	83.33	83.33	6	4	4	4	66.67	66.67	66.67	8	8	100		
2.01803E+15	18IME11098	PRATHAMESH MANOHAR JATKAR	14	5	4	5	6	5	83.33	83.33	83.33	6	4	4	4	66.67	66.67	66.67	8	5	62.50		
2.01803E+15	18IME11101	ATHARV SANTOSH JOSHI	13	4	4	5	6	4	66.67	66.67	66.67	6	4	4	4	66.67	66.67	66.67	5	5	62.50		
2.01803E+15	18IME11102	RUSHIKESH VIDYADHAR PATIL	16	5	5	6	6	5	83.33	83.33	83.33	6	5	5	5	83.33	83.33	83.33	6	6	75.00		
2.01803E+15	18IME11104	CHANDRAKANT CHAVAN SAURABH	17	5	5	7	6	5	83.33	83.33	83.33	6	5	5	5	83.33	83.33	83.33	8	7	87.50		
2.01803E+15	18IME11107	SACHIN ASHOK KUSHERSAGAR	19	6	5	8	6	6	100	100	100	6	5	5	5	83.33	83.33	83.33	8	8	100		
2.01803E+15	18IME11116	DREDDY OTI DATTATRAY SATHE	20	6	6	8	6	6	100	100	100	6	6	6	6	100	100	100	8	8	100		
2.01803E+15	18IME11117	NAMRATA RAJU PARVAT	18	5	5	8	6	5	83.33	83.33	83.33	6	5	5	5	83.33	83.33	83.33	8	8	100		
2.01803E+15	19IME12004	PRANAY PRADIP DISALE	18	5	5	8	6	5	83.33	83.33	83.33	6	5	5	5	83.33	83.33	83.33	8	8	100		
2.01803E+15	18IME11118	DHONIBA SUL AMOL	16	5	5	6	6	5	83.33	83.33	83.33	6	5	5	5	83.33	83.33	83.33	8	6	75.00		
2.01803E+15	18IME11119	ATISH BALASO JADHAV	16	4	4	8	6	4	66.67	66.67	66.67	6	4	4	4	66.67	66.67	66.67	8	8	100		

Number of Students: 49

Tool CO Attainment

Target Level(%): 40

Linked CO	ME215-19.2	ME215-19.3	ME215-19.4
No. of Students achieving Target Level	49	49	49
No. of Applicable Students	49	49	49
% Students achieving Target Level	100	100	100
Attainment Level	3	3	3

Attainment Level

(Percentage of students scoring Marks >=60) - Level 1

(Percentage of students scoring Marks >=70) - Level 2

(Percentage of students scoring Marks >=80) - Level 3

SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR
TOOL CO ATTAINMENT REPORT
ACADEMIC YEAR: 2019-20
DEPARTMENT: MECHANICAL ENGINEERING
PROGRAM: UNDER GRADUATE IN MECHANICAL ENGINEERING
CLASS: SECOND YEAR
DIVISION: A
COURSE: INTERNAL COMBUSTION ENGINES (ME215-19)
TOOL NAME: OBT-3
TOOL MAX. MARKS: 20

PRN NO.	Roll No.	Name of Student	Linked CO	ME215-19.5	ME215-19.5		
			Max. Marks	20	Q1	Max. Marks	Obtained Marks
2.01803E+15	181ME11001	MANGESH MAHARVIR MISAL	18	18	20	18	90.00
2.01803E+15	181ME11002	NIKHIL DILIP MUNDHE	20	20	20	20	100
2.01803E+15	181ME11008	VAISHNAVI MAHESH LAKHERI	18	18	20	18	90.00
2.01803E+15	181ME11009	MILIND SHASHIKANT JAGADALE	20	20	20	20	100
2.01803E+15	181ME11014	KOMAL REVANSIDHESHWAR ACHUGATLA	18	18	20	18	90.00
2.01803E+15	181ME11016	YUVRAJ VINOD SHELAR	16	16	20	16	80.00
2.01803E+15	181ME11018	SALEHA SALIM MIRJKAR	18	18	20	18	90.00
2.01803E+15	181ME11025	SAURABH BANDU KADASARE	18	18	20	18	90.00
2.01803E+15	181ME11026	ROHIT ANANDA KHANDAGALE	16	16	20	16	80.00
2.01803E+15	181ME11027	YOGESH PRAKASH CHAVAN	18	18	20	18	90.00
2.01803E+15	181ME11029	BHARAT DNYANDEV BURUNGALE	19	19	20	19	95.00
2.01803E+15	181ME11030	GHANASHAM SHASHIKANT CHITARI	18	18	20	18	90.00
2.01803E+15	181ME11032	AYUSH NITIN KALE	16	16	20	16	80.00
2.01803E+15	181ME11034	KIRAN VINAYAK HAMBIRRAO	18	18	20	18	90.00
2.01803E+15	181ME11036	CHANDRAGUPT VINAYAK PARCHANDRAO	18	18	20	18	90.00
2.01803E+15	181ME11037	AKSHAY BALASAHEB PANSARE	16	16	20	16	80.00
2.01803E+15	181ME11038	RAHUL RAJARAM SATAPUTE	20	20	20	20	100
2.01803E+15	181ME11039	DNYANESHWAR ROHIDAS BANSODE	18	18	20	18	90.00
2.01803E+15	181ME11041	RUTUJA SURESH TARAPURKAR	15	15	20	15	75.00
2.01803E+15	181ME11044	SURAJ DATTATRAY MORE	18	18	20	18	90.00
2.01803E+15	181ME11046	PRUTHVIRAJ SOMNATH DESHMUKH	18	18	20	18	90.00
2.01803E+15	181ME11048	ADITYA VYANKATESH MOTEWAR	20	20	20	20	100
2.01803E+15	181ME11052	MADHURI VINAYAK PARCHANDRAO	18	18	20	18	90.00
2.01803E+15	181ME11054	GAYATRI VINAYAK JOSHI	18	18	20	18	90.00
2.01803E+15	181ME11057	GANESH SHANKAR TODKAR	18	18	20	18	90.00
2.01803E+15	181ME11058	YASH YUVRAJ GADEKAR	18	18	20	18	90.00
2.01803E+15	181ME11066	SUMEET SUHAS CHAVARE	15	15	20	15	75.00
2.01803E+15	181ME11067	SHRADHHA DATTATRAY GAJKOSH	18	18	20	18	90.00
2.01803E+15	181ME11073	RUTIK RAMESH GODSE	16	16	20	16	80.00
2.01803E+15	181ME11075	SURESH CHAVAN SAMARTH	16	16	20	16	80.00
2.01803E+15	181ME11076	ONKAR RAJENDRA DEOKAR	18	18	20	18	90.00
2.01803E+15	181ME11078	VAIBHAV NANASAHEB GAIKWAD	16	16	20	16	80.00
2.01803E+15	181ME11079	SACHIN DATTATRAY WAGHMARE	19	19	20	19	95.00
2.01803E+15	181ME11082	SHREEYASH RAJARAM CHAVAN	17	17	20	17	85.00
2.01803E+15	181ME11090	PRAKASH BHIMRAO GHADAGE	18	18	20	18	90.00
2.01803E+15	181ME11091	VAIBHAV RAMDAS GAIKWAD	14	14	20	14	70.00
2.01803E+15	181ME11094	PRATHMESH RAMESH KIRGAT	18	18	20	18	90.00
2.01803E+15	181ME11096	RAJENDRA ADMANE DHANANJAY	16	16	20	16	80.00
2.01803E+15	181ME11097	OMKAR BABASO DANDAGE	18	18	20	18	90.00
2.01803E+15	181ME11099	PRATHAMESH MANOHAR JATKAR	18	18	20	18	90.00
2.01803E+15	181ME11101	ATHARV SANTOSH JOSHI	14	14	20	14	70.00
2.01803E+15	181ME11102	RUSHIKESH VIDYADHAR PATIL	16	16	20	16	80.00
2.01803E+15	181ME11104	CHANDRAKANT CHAVAN SAURABH	18	18	20	18	90.00
2.01803E+15	181ME11107	SACHIN ASHOK KSHIRSAGAR	18	18	20	18	90.00
2.01803E+15	181ME11116	DEEPPYOTI DATTATRAY SATHE	19	19	20	19	95.00
2.01803E+15	181ME11117	NAMRATA RAJU PARVAT	19	19	20	19	95.00
2.01803E+15	191ME12004	PRANAY PRADIP DISALE	19	19	20	19	95.00
2.01803E+15	T181ME11118	DHONDIBA SUL AMOL	18	18	20	18	90.00
2.01803E+15	T181ME11119	ATISH BALASO JADHAV	16	16	20	16	80.00

Number of Students: 49

Tool CO Attainment

Target Level(%): 40

Linked CO	ME215-19.5
No. of Students achieving Target Level	49
No. of Applicable Students	49
% Students achieving Target Level	100
Attainment Level	3

Attainment Level

(Percentage of students scoring Marks >=60) = Level 1

(Percentage of students scoring Marks >=70) = Level 2

(Percentage of students scoring Marks >=80) = Level 3

SVERI'S COLLEGE OF ENGINEERING, PANDHUPUR
TOOL CO ATTAINMENT REPORT
ACADEMIC YEAR: 2019-20
DEPARTMENT: MECHANICAL ENGINEERING
PROGRAM: UNDER GRADUATE IN MECHANICAL ENGINEERING
CLASS: SECOND YEAR
DIVISION: A
COURSE: INTERNAL COMBUSTION ENGINES (ME215-19)
TOOL NAME: THT-1
TOOL MAX. MARKS: 20

PRN NO.	Roll No.	Name of Student	Linked CO	ME215-19.1	ME215-19.2	ME215-19.1			ME215-19.2		
			Max. Marks	10	10	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks
Q. No. / Total Obtained Marks	Q1	Q2									
2.01803E+15	181ME11001	MANGESH MAHAIR MISAL	18	8	10	10	8	80.00	10	10	100
2.01803E+15	181ME11002	NIKHIL DILIP MUNDHIE	18	10	8	10	10	100	10	8	80.00
2.01803E+15	181ME11008	VAISHNAVI MAHESHL LAKHERI	16	8	8	10	8	80.00	10	8	80.00
2.01803E+15	181ME11009	MILIND SHASHIKANT JAGADALE	18	10	8	10	10	100	10	8	80.00
2.01803E+15	181ME11014	KOMAL REVANSIDHESHWAR ACHUGATLA	20	10	10	10	10	100	10	10	100
2.01803E+15	181ME11016	YUVRAJ VINOD SHELAR	16	8	8	10	8	80.00	10	8	80.00
2.01803E+15	181ME11018	SALEHA SALIM MIRKAR	18	10	8	10	10	100	10	8	80.00
2.01803E+15	181ME11025	SAURABH BANDU KADASARE	20	10	10	10	10	100	10	10	100
2.01803E+15	181ME11026	ROHIT ANANDA KHANDAGALE	18	10	8	10	10	100	10	8	80.00
2.01803E+15	181ME11027	YOGESH PRAKASH CHAVAN	17	10	7	10	10	100	10	7	70.00
2.01803E+15	181ME11029	BHARAT DNYANDEV BURUNGALE	18	10	8	10	10	100	10	8	80.00
2.01803E+15	181ME11030	GHANASHAM SHASHIKANT CHITARI	16	8	8	10	8	80.00	10	8	80.00
2.01803E+15	181ME11032	AYUSH NITIN KALE	16	8	8	10	8	80.00	10	8	80.00
2.01803E+15	181ME11034	KIRAN VINAYAK HAMBIRRAO	16	8	8	10	8	80.00	10	8	80.00
2.01803E+15	181ME11036	CHANDRAGUPTA VINAYAK PARCHANDRAO	20	10	10	10	10	100	10	10	100
2.01803E+15	181ME11037	AKSHAY BALASAHEB PANSARE	16	8	8	10	8	80.00	10	8	80.00
2.01803E+15	181ME11038	RAHUL RAJARAM SATAPUTE	20	10	10	10	10	100	10	10	100
2.01803E+15	181ME11039	DNYANESHWAR ROHIDAS BANSODE	16	8	8	10	8	80.00	10	8	80.00
2.01803E+15	181ME11041	RUTUJA SURESH TARAPURKAR	16	8	8	10	8	80.00	10	8	80.00
2.01803E+15	181ME11044	SURAJ DATTATRAY MORE	20	10	10	10	10	100	10	10	100
2.01803E+15	181ME11046	PRUTHVIRAJ SOMNATH DESHMUKH	17	9	8	10	9	90.00	10	8	80.00
2.01803E+15	181ME11048	ADITYA VYANKATESH MOTEWAR	18	10	8	10	10	100	10	8	80.00
2.01803E+15	181ME11052	MADHURI VINAYAK PARCHANDRAO	19	10	9	10	10	100	10	9	90.00
2.01803E+15	181ME11054	GAYATRI VINAYAK JOSHI	20	10	10	10	10	100	10	10	100
2.01803E+15	181ME11057	GANESH SHANKAR TODKAR	20	10	10	10	10	100	10	10	100
2.01803E+15	181ME11058	YASH YUVRAJ GADEKAR	16	10	6	10	10	100	10	6	60.00
2.01803E+15	181ME11066	SUMEET SUHAS CHAVARE	16	10	6	10	10	100	10	6	60.00
2.01803E+15	181ME11067	SHRADHII DATTATRAY GAJAKOSH	20	10	10	10	10	100	10	10	100
2.01803E+15	181ME11073	RUTIK RAMESH GODSE	17	10	7	10	10	100	10	7	70.00
2.01803E+15	181ME11075	SURESH CHAVAN SAMARTH	18	10	8	10	10	100	10	8	80.00
2.01803E+15	181ME11076	ONKAR RAJENDRA DEOKAR	18	10	8	10	10	100	10	8	80.00
2.01803E+15	181ME11078	VAIBHAV NANASAHEB GAIKWAD	16	8	8	10	8	80.00	10	8	80.00
2.01803E+15	181ME11079	SACHIN DATTATRAY WAGHMARE	18	10	8	10	10	100	10	8	80.00
2.01803E+15	181ME11082	SHREEYASH RAJARAM CHAVAN	16	8	8	10	8	80.00	10	8	80.00
2.01803E+15	181ME11090	PRAKASH BHIMRAO GHADAGE	17	10	7	10	10	100	10	7	70.00
2.01803E+15	181ME11091	VAIBHAV RAMDAS GAIKWAD	16	8	8	10	8	80.00	10	8	80.00
2.01803E+15	181ME11094	PRATHAMESH RAMESH KIRGAT	20	10	10	10	10	100	10	10	100
2.01803E+15	181ME11096	RAJENDRA ADMANE DHANANJAY	18	10	8	10	10	100	10	8	80.00
2.01803E+15	181ME11097	OMKAR BABASO DANDAGE	16	10	6	10	10	100	10	6	60.00
2.01803E+15	181ME11099	PRATHAMESH MANOHAR JATKAR	18	10	8	10	10	100	10	8	80.00
2.01803E+15	181ME11101	ATHARV SANTOSH JOSHI	16	8	8	10	8	80.00	10	8	80.00
2.01803E+15	181ME11102	RUSHIKESH VIDYADHAR PATIL	18	10	8	10	10	100	10	8	80.00
2.01803E+15	181ME11104	CHANDRAKANT CHAVAN SAURABH	16	8	8	10	8	80.00	10	8	80.00
2.01803E+15	181ME11107	SACHIN ASHOK KSHIRSAGAR	20	10	10	10	10	100	10	10	100
2.01803E+15	181ME11116	DEEJPYOTI DATTATRAY SATHE	20	10	10	10	10	100	10	10	100
2.01803E+15	181ME11117	NAMRATA RAJU PARVAT	20	10	10	10	10	100	10	10	100
2.01803E+15	191ME12004	PRANAY PRADIP DISALE	20	10	10	10	10	100	10	10	100
2.01803E+15	T181ME11118	DHONIBA SUL AMOL	16	8	8	10	8	80.00	10	8	80.00
2.01803E+15	T181ME11119	ATISH BALASO JADHAV	15	10	5	10	10	100	10	5	50.00

Number of Students: 49

Tool CO Attainment

Target Level(%): 40

Linked CO	ME215-19.1	ME215-19.2
No. of Students achieving Target Level	49	49
No. of Applicable Students	49	49
% Students achieving Target Level	100	100
Attainment Level	3	3

Attainment Level

(Percentage of students scoring Marks >=60) = Level 1

(Percentage of students scoring Marks >=70) = Level 2

(Percentage of students scoring Marks >=80) = Level 3

SVER'S COLLEGE OF ENGINEERING, PANDHUPUR
TOOL CO ATTAINMENT REPORT
ACADEMIC YEAR: 2019-20
DEPARTMENT: MECHANICAL ENGINEERING
PROGRAM: UNDER GRADUATE IN MECHANICAL ENGINEERING
CLASS: SECOND YEAR
DIVISION: A
COURSE: INTERNAL COMBUSTION ENGINES (ME215-19)
TOOL NAME: THIT-2
TOOL MAX. MARKS: 20

PRN NO.	Ref No.	Name of Student	Linked CO				ME215-19.4				ME215-19.2				ME215-19.3				ME215-19.4			
			Q. No.	Total	Obtained Marks	Max. Marks	Q1	Q2	Q3	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks	
2.01803E+15	18IME11001	MANGESH MAHAVIS MISAL		5	5	6	6	5	5	83.33	8	5	75.00	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	18IME11002	NIKHIL DILIP MUNDHE	18	5	5	8	6	6	5	83.33	8	5	100	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	18IME11008	VAISHNAVI MAHESH LAKHERI	15	5	5	5	6	5	5	83.33	8	5	62.50	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	18IME11009	MILIND SHASHIKANT JAGADALE	19	5	6	8	6	6	6	100	8	8	100	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	18IME11014	KOMAL REVANSIDHESHWAR ACHUGATLA		15	5	5	5	6	5	83.33	8	5	62.50	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	18IME11015	YOGESH KALYAN SHELAR		15	5	5	5	6	5	83.33	8	5	62.50	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	18IME11019	SALEHA SALIM MIRKAR	16	5	5	6	6	5	5	83.33	8	5	75.00	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	18IME11025	SARABH BANDI KADASARE	18	5	5	8	6	6	5	83.33	8	8	100	6	5	83.33	8	8	62.50	6	5	83.33
2.01803E+15	18IME11026	ROHIT ANANDA KHANDAGALE	16	4	4	8	6	4	4	66.67	8	8	100	6	4	66.67	8	8	62.50	6	4	66.67
2.01803E+15	18IME11027	YOGESH PRAKASH CHAVAN	16	4	4	8	6	4	4	66.67	8	8	100	6	4	66.67	8	8	62.50	6	4	66.67
2.01803E+15	18IME11029	BHARAT DNYANDEV BURUNGALE	17	5	5	7	6	5	5	83.33	8	7	87.50	6	5	83.33	8	7	62.50	6	5	83.33
2.01803E+15	18IME11030	GHANASHAM SHASHIKANT CHITARI	15	5	5	5	6	5	5	83.33	8	5	62.50	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	18IME11032	AYUSH NEETIN KALE	16	4	4	8	6	4	4	66.67	8	8	100	6	4	66.67	8	8	62.50	6	4	66.67
2.01803E+15	18IME11034	URAN VINAYAK HAMBIRRAO	15	4	4	7	6	4	4	66.67	8	7	87.50	6	4	66.67	8	7	62.50	6	4	66.67
2.01803E+15	18IME11036	CHANDRA GURU VINAYAK PARCHANDRAO	15	5	5	5	6	5	5	83.33	8	5	62.50	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	18IME11037	AKSHAY BALASAHEB PANSARE	15	5	5	5	6	5	5	83.33	8	5	62.50	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	18IME11038	RAHUL RAJARAM SATAPUTE	18	6	6	6	6	6	6	100	8	8	62.50	6	6	100	8	6	75.00	6	6	100
2.01803E+15	18IME11039	DNYANESHWAR ROHIDAS BANSODE	15	5	5	5	6	5	5	83.33	8	5	62.50	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	18IME11041	RUTUJA SURESH TARAPURKAR	12	4	4	4	6	4	4	66.67	8	4	50.00	6	4	66.67	8	4	50.00	6	4	66.67
2.01803E+15	18IME11044	SURAJ DATATRAY MORE	18	6	6	6	6	6	6	100	8	6	75.00	6	6	100	8	6	75.00	6	6	100
2.01803E+15	18IME11046	PRUTHIVIRAJ SONNATH DESHMUKH	15	5	5	5	6	5	5	83.33	8	5	62.50	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	18IME11048	ADITYA VYANKATESH MOTEWAR	17	6	6	5	6	6	6	100	8	5	62.50	6	6	100	8	5	62.50	6	6	100
2.01803E+15	18IME11052	MADHURI VINAYAK PARCHANDRAO	17	5	5	7	6	5	5	83.33	8	7	87.50	6	5	83.33	8	7	62.50	6	5	83.33
2.01803E+15	18IME11053	SHREYAS VINAYAK JOSHI	18	6	6	6	6	6	6	100	8	6	75.00	6	6	100	8	6	75.00	6	6	100
2.01803E+15	18IME11057	GANGESH SHANKAR TOJKAR	15	5	5	5	6	5	5	83.33	8	5	62.50	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	18IME11058	YASH YUVRAJ GADEKAR	15	5	5	5	6	5	5	83.33	8	5	62.50	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	18IME11066	SUMEET SUHAS CHAVARE	15	5	5	5	6	5	5	83.33	8	5	62.50	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	18IME11067	SHRADHHA DATATRAY GAJAKOSH	18	5	5	8	6	5	5	83.33	8	8	100	6	5	83.33	8	8	62.50	6	5	83.33
2.01803E+15	18IME11073	RUTIK RAMESH GODSE	16	6	5	5	6	5	5	83.33	8	5	62.50	6	6	100	8	5	62.50	6	6	100
2.01803E+15	18IME11075	SURESH CHAVAN SAMARTH	15	5	5	5	6	5	5	83.33	8	5	62.50	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	18IME11076	ONKAR RAJENDRA DEOKAR	18	6	6	6	6	6	6	100	8	6	75.00	6	6	100	8	6	75.00	6	6	100
2.01803E+15	18IME11078	VAIBHAV NANASAHEB GAIKWAD	18	6	6	6	6	6	6	100	8	6	75.00	6	6	100	8	6	75.00	6	6	100
2.01803E+15	18IME11079	SACHIN DATTATRAY WAGHMARE	18	5	6	7	6	6	6	100	8	7	87.50	6	5	83.33	8	7	62.50	6	5	83.33
2.01803E+15	18IME11082	SHREYEEASH RAJARAM CHAVAN	18	6	6	6	6	6	6	100	8	6	75.00	6	6	100	8	6	75.00	6	6	100
2.01803E+15	18IME11090	PRakash BHIMRAO GHADAGE	15	5	5	5	6	5	5	83.33	8	5	62.50	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	18IME11091	VAIHBAV RAMDAS GAIKWAD	16	5	5	5	6	5	5	83.33	8	5	62.50	6	6	100	8	5	62.50	6	6	100
2.01803E+15	18IME11094	PRATHAMESH RAMESH KIRGAT	18	6	6	6	6	6	6	100	8	6	75.00	6	6	100	8	6	75.00	6	6	100
2.01803E+15	18IME11096	RAJENDRA ADMANE DHANANJAY	15	5	5	5	6	5	5	83.33	8	5	62.50	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	18IME11097	OMKAR BABASO DANDAGE	15	5	5	5	6	5	5	83.33	8	5	62.50	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	18IME11098	PRATHAMESH MANOHAR JATKAR	15	5	5	5	6	5	5	83.33	8	5	62.50	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	18IME11101	ATHARV SANTOSH JOSHI	12	4	4	4	6	4	4	66.67	8	4	50.00	6	4	66.67	8	4	50.00	6	4	66.67
2.01803E+15	18IME11102	RUSHIKESH VIDYADHAR PATIL	15	5	5	5	6	5	5	83.33	8	5	62.50	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	18IME11104	CHANDRAKANT CHAVAN SAURABH	15	5	5	5	6	5	5	83.33	8	5	62.50	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	18IME11107	SACHIN ASHOK KUSHERSAGAR	18	6	6	6	6	6	6	100	8	6	75.00	6	6	100	8	6	75.00	6	6	100
2.01803E+15	18IME11116	DREDDY OTI DATTATRAY SATHE	18	6	6	6	6	6	6	100	8	6	75.00	6	6	100	8	6	75.00	6	6	100
2.01803E+15	18IME11117	NAMRATA RAJU PARVAT	18	6	6	6	6	6	6	100	8	6	75.00	6	6	100	8	6	75.00	6	6	100
2.01803E+15	19IME12004	PRANAY PRADIP DISALE	18	6	6	6	6	6	6	100	8	6	75.00	6	6	100	8	6	75.00	6	6	100
2.01803E+15	19IME11118	DHONIBA SUL AMOL	15	5	5	5	6	5	5	83.33	8	5	62.50	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	19IME11119	ATISH BALASO JADHAV	15	5	5	5	6	5	5	83.33	8	5	62.50	6	5	83.33	8	5	62.50	6	5	83.33

Number of Students: 49

Tool CO Attainment

Target Level(%): 40

Linked CO	ME215-19.2	ME215-19.3	ME215-19.4
No. of Students achieving Target Level	49	49	49
No. of Applicable Students	49	49	49
% Students achieving Target Level	100	100	100
Attainment Level	3	3	3

Attainment Level

(Percentage of students scoring Marks >=60) - Level 1

(Percentage of students scoring Marks >=70) - Level 2

(Percentage of students scoring Marks >=80) - Level 3

SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR
TOOL CO ATTAINMENT REPORT
ACADEMIC YEAR: 2019-20
DEPARTMENT: MECHANICAL ENGINEERING
PROGRAM: UNDER GRADUATE IN MECHANICAL ENGINEERING
CLASS: SECOND YEAR
DIVISION: A
COURSE: INTERNAL COMBUSTION ENGINES (ME215-19)
TOOL NAME: THIT-3
TOOL MAX. MARKS: 20

PRN NO.	Roll No.	Name of Student	Linked CO	ME215-19.6			ME215-19.5			ME215-19.5			ME215-19.6		
			Max. Marks	12	2	6	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks
			Q. No. / Total Obtained Marks	Q1	Q2	Q3	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks
2.01803E+15	181ME11001	MANGESH MAHAVIR MISAL	18	12	2	4	8	6	75.00	12	12	100			
2.01803E+15	181ME11002	NIKHIL DILIP MUNDHE	17	10	2	5	8	7	87.50	12	10	83.33			
2.01803E+15	181ME11008	VAISHNAVI MAHESH LAKHERI	18	10	2	6	8	8	100	12	10	83.33			
2.01803E+15	181ME11009	MILIND SHASHIKANT JAGADEALE	20	12	2	6	8	8	100	12	12	100			
2.01803E+15	181ME11014	KOMAL REVANSIDHESHWAR ACHUGATLA	18	12	1	5	8	6	75.00	12	12	100			
2.01803E+15	181ME11016	YUVRAJ VINOD SHELAR	15	9	2	4	8	6	75.00	12	9	75.00			
2.01803E+15	181ME11018	SALEHA SALIM MIRJKAR	16	10	2	4	8	6	75.00	12	10	83.33			
2.01803E+15	181ME11025	SARURABH BANDU KADASARE	18	12	1	5	8	6	75.00	12	12	100			
2.01803E+15	181ME11026	ROHIT ANANDA KHANDAGALE	14	8	2	4	8	6	75.00	12	8	66.67			
2.01803E+15	181ME11027	YOGESH PRAKASH CHAVAN	16	10	2	4	8	6	75.00	12	10	83.33			
2.01803E+15	181ME11029	BHARAT DNYANDEV BURUNGALE	16	10	1	5	8	6	75.00	12	10	83.33			
2.01803E+15	181ME11030	GHANASHAM SHASHIKANT CHITARI	17	10	2	5	8	7	87.50	12	10	83.33			
2.01803E+15	181ME11032	AYUSH NITIN KALE	16	10	1	5	8	6	75.00	12	10	83.33			
2.01803E+15	181ME11034	KIRAN VINAYAK HAMBIRRAO	15	10	0	5	8	5	62.50	12	10	83.33			
2.01803E+15	181ME11036	CHANDRAKUTU VINAYAK PARCHANDRAO	18	12	2	4	8	6	75.00	12	12	100			
2.01803E+15	181ME11037	AKSHAY BALASAHEB PANSARE	14	8	2	4	8	6	75.00	12	8	66.67			
2.01803E+15	181ME11038	RAHUL RAJARAM SATAPUTE	18	12	1	5	8	6	75.00	12	12	100			
2.01803E+15	181ME11039	DNYANESHWAR ROHIDAS BANSODE	16	10	1	5	8	6	75.00	12	10	83.33			
2.01803E+15	181ME11041	RUTUJA SURESH TARAPURKAR	13	8	1	4	8	5	62.50	12	8	66.67			
2.01803E+15	181ME11044	SURAJ DATTATRAY MORE	19	12	1	6	8	7	87.50	12	12	100			
2.01803E+15	181ME11046	PRUTHVIRAJ SOMNATH DESHMUKH	14	8	2	4	8	6	75.00	12	8	66.67			
2.01803E+15	181ME11048	ADITYA VYANKATESH MOTEWAR	17	10	2	5	8	7	87.50	12	10	83.33			
2.01803E+15	181ME11052	MADHURI VINAYAK PARCHANDRAO	18	12	0	6	8	6	75.00	12	12	100			
2.01803E+15	181ME11054	GAYATRI VINAYAK JOSHI	17	12	1	4	8	5	62.50	12	12	100			
2.01803E+15	181ME11057	GANESH SHANKAR TODIKAR	19	12	1	6	8	7	87.50	12	12	100			
2.01803E+15	181ME11058	YASH UVRAJ GADEKAR	17	10	2	5	8	7	87.50	12	10	83.33			
2.01803E+15	181ME11066	SUMEET SUHAS CHAVARE	15	10	1	4	8	5	62.50	12	10	83.33			
2.01803E+15	181ME11067	SHRADHHA DATTATRAY GAJAKOSH	17	10	2	5	8	7	87.50	12	10	83.33			
2.01803E+15	181ME11073	RUTIK RAMESH GODSE	15	10	1	4	8	5	62.50	12	10	83.33			
2.01803E+15	181ME11075	SURESH CHAVAN SAMARTH	15	10	1	4	8	5	62.50	12	10	83.33			
2.01803E+15	181ME11076	ONKAR RAJENDRA DEOKAR	17	10	2	5	8	7	87.50	12	10	83.33			
2.01803E+15	181ME11078	VAIBHAV NANASAHEB GAIKWAD	14	8	2	4	8	6	75.00	12	8	66.67			
2.01803E+15	181ME11079	SACHIN DATTATRAY WAGHMARE	17	10	2	5	8	7	87.50	12	10	83.33			
2.01803E+15	181ME11082	SHREEYASH RAJARAM CHAVAN	17	10	2	5	8	7	87.50	12	10	83.33			
2.01803E+15	181ME11090	PRAKASH BHIMRAO GHADAGE	17	10	2	5	8	7	87.50	12	10	83.33			
2.01803E+15	181ME11091	VAIBHAV RAMDAS GAIKWAD	16	10	1	5	8	6	75.00	12	10	83.33			
2.01803E+15	181ME11094	PRATHAMESH RAMESH KIRGAT	17	10	2	5	8	7	87.50	12	10	83.33			
2.01803E+15	181ME11096	RAJENDRA ADMANE DHANANJAY	16	10	1	5	8	6	75.00	12	10	83.33			
2.01803E+15	181ME11097	OMKAR BABASO DANDAGE	16	10	1	5	8	6	75.00	12	10	83.33			
2.01803E+15	181ME11099	PRATHAMESH MANOHAR JATKAR	18	12	0	6	8	6	75.00	12	12	100			
2.01803E+15	181ME11101	ATHARV SANTOSH JOSHI	15	10	0	5	8	5	62.50	12	10	83.33			
2.01803E+15	181ME11102	RUSHIKESH VIDYADHAR PATIL	16	10	1	5	8	6	75.00	12	10	83.33			
2.01803E+15	181ME11104	CHANDRAKANT CHAVAN SAURBH	20	12	2	6	8	8	100	12	12	100			
2.01803E+15	181ME11107	SACHIN ASHOK KSHIRSAGAR	19	12	2	5	8	7	87.50	12	12	100			
2.01803E+15	181ME11116	DEEPIYOJI DATTATRAY SATHE	20	12	2	6	8	8	100	12	12	100			
2.01803E+15	181ME11117	NAMRATA RAJU PARVAT	16	10	1	5	8	6	75.00	12	10	83.33			
2.01803E+15	191ME12004	PRANAY PRADIP DISALE	19	11	2	6	8	8	100	12	11	91.67			
2.01803E+15	181ME11118	DHONDIIBA SUL AMOL	20	12	2	6	8	8	100	12	12	100			
2.01803E+15	181ME11119	ATISH BALASO JADHAV	18	12	0	6	8	6	75.00	12	12	100			

Number of Students: 49

Tool CO Attainment

Target Level(%): 40

Linked CO	ME215-19.5	ME215-19.6
No. of Students achieving Target Level	49	49
No. of Applicable Students	49	49
% Students achieving Target Level	100	100
Attainment Level	3	3

Attainment Level

(Percentage of students scoring Marks >=60) = Level 1

(Percentage of students scoring Marks >=70) = Level 2

(Percentage of students scoring Marks >=80) = Level 3

SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR
TOOL CO ATTAINMENT REPORT
ACADEMIC YEAR: 2019-20
DEPARTMENT: MECHANICAL ENGINEERING
PROGRAM: UNDER GRADUATE IN MECHANICAL ENGINEERING
CLASS: SECOND YEAR
DIVISION: A
COURSE: INTERNAL COMBUSTION ENGINES (ME215-19)
TOOL NAME: LAB TEST 1
TOOL MAX. MARKS: 20

PRN NO.	Roll No.	Name of Student	Linked CO	ME215-19.1	ME215-19.1		
			Max. Marks	20	Q1	Max. Marks	Obtained Marks
2.01803E+15	181ME11001	MANGESH MAHARVIR MISAL	18	18	20	18	90.00
2.01803E+15	181ME11002	NIKHIL DILIP MUNDRE	18	18	20	18	90.00
2.01803E+15	181ME11008	VAISHNAVI MAHESH LAKHERI	18	18	20	18	90.00
2.01803E+15	181ME11009	MILIND SHASHIKANT JAGADALE	20	20	20	20	100
2.01803E+15	181ME11014	KOMAL REVANSIDHESHWAR ACHUGATLA	18	18	20	18	90.00
2.01803E+15	181ME11016	YUVRAJ VINOD SHELAR	17	17	20	17	85.00
2.01803E+15	181ME11018	SALEHA SALIM MIRJKAR	16	16	20	16	80.00
2.01803E+15	181ME11025	SAURABH BANDU KADASARE	19	19	20	19	95.00
2.01803E+15	181ME11026	ROHIT ANANDA KHANDAGALE	16	16	20	16	80.00
2.01803E+15	181ME11027	YOGESH PRAKASH CHAVAN	17	17	20	17	85.00
2.01803E+15	181ME11029	BHARAT DNYANDEV BURUNGALE	20	20	20	20	100
2.01803E+15	181ME11030	GHANASHAM SHASHIKANT CHITARI	18	18	20	18	90.00
2.01803E+15	181ME11032	AYUSH NITIN KALE	16	16	20	16	80.00
2.01803E+15	181ME11034	KIRAN VINAYAK HAMBIRRAO	17	17	20	17	85.00
2.01803E+15	181ME11036	CHANDRAGUPT VINAYAK PARCHANDRAO	18	18	20	18	90.00
2.01803E+15	181ME11037	AKSHAY BALASAHEB PANSARE	17	17	20	17	85.00
2.01803E+15	181ME11038	RAHUL RAJARAM SATAPUTE	20	20	20	20	100
2.01803E+15	181ME11039	DNYANESHWAR ROHIDAS BANSODE	18	18	20	18	90.00
2.01803E+15	181ME11041	RUTUJA SURESH TARAPURKAR	17	17	20	17	85.00
2.01803E+15	181ME11044	SURAJ DATTATRAY MORE	20	20	20	20	100
2.01803E+15	181ME11046	PRUTHVIRAJ SOMNATH DESHMUKH	18	18	20	18	90.00
2.01803E+15	181ME11048	ADITYA VYANKATESH MOTEWAR	17	17	20	17	85.00
2.01803E+15	181ME11052	MADHURI VINAYAK PARCHANDRAO	20	20	20	20	100
2.01803E+15	181ME11054	GAYATRI VINAYAK JOSHI	18	18	20	18	90.00
2.01803E+15	181ME11057	GANESH SHANKAR TODKAR	18	18	20	18	90.00
2.01803E+15	181ME11058	YASH YUVRAJ GADEKAR	16	16	20	16	80.00
2.01803E+15	181ME11066	SUMEET SUHAS CHAVARE	16	16	20	16	80.00
2.01803E+15	181ME11067	SHRADHHA DATTATRAY GAJKOSH	18	18	20	18	90.00
2.01803E+15	181ME11073	RUTIK RAMESH GODSE	17	17	20	17	85.00
2.01803E+15	181ME11075	SURESH CHAVAN SAMARTH	16	16	20	16	80.00
2.01803E+15	181ME11076	ONKAR RAJENDRA DEOKAR	16	16	20	16	80.00
2.01803E+15	181ME11078	VAIBHAV NANASAHEB GAIKWAD	17	17	20	17	85.00
2.01803E+15	181ME11079	SACHIN DATTATRAY WAGHMARE	17	17	20	17	85.00
2.01803E+15	181ME11082	SHREEYASH RAJARAM CHAVAN	16	16	20	16	80.00
2.01803E+15	181ME11090	PRAKASH BHIMRAO GHADAGE	18	18	20	18	90.00
2.01803E+15	181ME11091	VAIBHAV RAMDAS GAIKWAD	17	17	20	17	85.00
2.01803E+15	181ME11094	PRATHMESH RAMESH KIRGAT	19	19	20	19	95.00
2.01803E+15	181ME11096	RAJENDRA ADMANE DHANANJAY	17	17	20	17	85.00
2.01803E+15	181ME11097	OMKAR BABASO DANDAGE	16	16	20	16	80.00
2.01803E+15	181ME11099	PRATHAMESH MANOHAR JATKAR	17	17	20	17	85.00
2.01803E+15	181ME11101	ATHARV SANTOSH JOSHI	16	16	20	16	80.00
2.01803E+15	181ME11102	RUSHIKESH VIDYADHAR PATIL	17	17	20	17	85.00
2.01803E+15	181ME11104	CHANDRAKANT CHAVAN SAURABH	18	18	20	18	90.00
2.01803E+15	181ME11107	SACHIN ASHOK KSHIRSAGAR	19	19	20	19	95.00
2.01803E+15	181ME11116	DEEPPYOTI DATTATRAY SATHE	20	20	20	20	100
2.01803E+15	181ME11117	NAMRATA RAJU PARVAT	18	18	20	18	90.00
2.01903E+15	191ME12004	PRANAY PRADIP DISALE	18	18	20	18	90.00
2.01803E+15	T181ME11118	DHONDIBA SUL AMOL	18	18	20	18	90.00
2.01803E+15	T181ME11119	ATISH BALASO JADHAV	17	17	20	17	85.00

Number of Students: 49

Tool CO Attainment

Target Level(%): 40

Linked CO	ME215-19.1
No. of Students achieving Target Level	49
No. of Applicable Students	49
% Students achieving Target Level	100
Attainment Level	3

Attainment Level

(Percentage of students scoring Marks >=60) = Level 1

(Percentage of students scoring Marks >=70) = Level 2

(Percentage of students scoring Marks >=80) = Level 3

SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR
TOOL CO ATTAINMENT REPORT
ACADEMIC YEAR: 2019-20
DEPARTMENT: MECHANICAL ENGINEERING
PROGRAM: UNDER GRADUATE IN MECHANICAL ENGINEERING
CLASS: SECOND YEAR
DIVISION: A
COURSE: INTERNAL COMBUSTION ENGINES (ME215-19)
TOOL NAME: LAB TEST 2
TOOL MAX. MARKS: 20

PRN NO.	Roll No.	Name of Student	Linked CO	ME215-19.5	ME215-19.5		
			Max. Marks	20	Q1	Max. Marks	Obtained Marks
2.01803E+15	181ME11001	MANGESH MAHARV MISAL	19	19	20	19	95.00
2.01803E+15	181ME11002	NIKHIL DILIP MUNDHE	18	18	20	18	90.00
2.01803E+15	181ME11008	VAISHNAVI MAHESH LAKHERI	18	18	20	18	90.00
2.01803E+15	181ME11009	MILIND SHASHIKANT JAGADALE	20	20	20	20	100
2.01803E+15	181ME11014	KOMAL REVANSIDHESHWAR ACHUGATLA	18	18	20	18	90.00
2.01803E+15	181ME11016	YUVRAJ VINOD SHELAR	17	17	20	17	85.00
2.01803E+15	181ME11018	SALEHA SALIM MIRJKAR	16	16	20	16	80.00
2.01803E+15	181ME11025	SAURABH BANDU KADASARE	19	19	20	19	95.00
2.01803E+15	181ME11026	ROHIT ANANDA KHANDAGALE	16	16	20	16	80.00
2.01803E+15	181ME11027	YOGESH PRAKASH CHAVAN	17	17	20	17	85.00
2.01803E+15	181ME11029	BHARAT DNYANDEV BURUNGALE	20	20	20	20	100
2.01803E+15	181ME11030	GHANASHAM SHASHIKANT CHITARI	17	17	20	17	85.00
2.01803E+15	181ME11032	AYUSH NITIN KALE	16	16	20	16	80.00
2.01803E+15	181ME11034	KIRAN VINAYAK HAMBIRRAO	17	17	20	17	85.00
2.01803E+15	181ME11036	CHANDRAGUPT VINAYAK PARCHANDRAO	18	18	20	18	90.00
2.01803E+15	181ME11037	AKSHAY BALASAHEB PANSARE	17	17	20	17	85.00
2.01803E+15	181ME11038	RAHUL RAJARAM SATAPUTE	20	20	20	20	100
2.01803E+15	181ME11039	DNYANESHWAR ROHIDAS BANSODE	18	18	20	18	90.00
2.01803E+15	181ME11041	RUTUJA SURESH TARAPURKAR	17	17	20	17	85.00
2.01803E+15	181ME11044	SURAJ DATTATRAY MORE	20	20	20	20	100
2.01803E+15	181ME11046	PRUTHVIRAJ SOMNATH DESHMUKH	18	18	20	18	90.00
2.01803E+15	181ME11048	ADITYA VYANKATESH MOTEWAR	17	17	20	17	85.00
2.01803E+15	181ME11052	MADHURI VINAYAK PARCHANDRAO	18	18	20	18	90.00
2.01803E+15	181ME11054	GAYATRI VINAYAK JOSHI	18	18	20	18	90.00
2.01803E+15	181ME11057	GANESH SHANKAR TODKAR	20	20	20	20	100
2.01803E+15	181ME11058	YASH YUVRAJ GADEKAR	16	16	20	16	80.00
2.01803E+15	181ME11066	SUMEET SUHAS CHAVARE	16	16	20	16	80.00
2.01803E+15	181ME11067	SHRADHHA DATTATRAY GAJKOSH	18	18	20	18	90.00
2.01803E+15	181ME11073	RUTIK RAMESH GODSE	17	17	20	17	85.00
2.01803E+15	181ME11075	SURESH CHAVAN SAMARTH	16	16	20	16	80.00
2.01803E+15	181ME11076	ONKAR RAJENDRA DEOKAR	16	16	20	16	80.00
2.01803E+15	181ME11078	VAIBHAV NANASAHEB GAIKWAD	17	17	20	17	85.00
2.01803E+15	181ME11079	SACHIN DATTATRAY WAGHMARE	18	18	20	18	90.00
2.01803E+15	181ME11082	SHREEYASH RAJARAM CHAVAN	18	18	20	18	90.00
2.01803E+15	181ME11090	PRAKASH BHIMRAO GHADAGE	17	17	20	17	85.00
2.01803E+15	181ME11091	VAIBHAV RAMDAS GAIKWAD	18	18	20	18	90.00
2.01803E+15	181ME11094	PRATHMESH RAMESH KIRGAT	19	19	20	19	95.00
2.01803E+15	181ME11096	RAJENDRA ADMANE DHANANJAY	17	17	20	17	85.00
2.01803E+15	181ME11097	OMKAR BABASO DANDAGE	16	16	20	16	80.00
2.01803E+15	181ME11099	PRATHAMESH MANOHAR JATKAR	17	17	20	17	85.00
2.01803E+15	181ME11101	ATHARV SANTOSH JOSHI	17	17	20	17	85.00
2.01803E+15	181ME11102	RUSHIKESH VIDYADHAR PATIL	18	18	20	18	90.00
2.01803E+15	181ME11104	CHANDRAKANT CHAVAN SAURABH	18	18	20	18	90.00
2.01803E+15	181ME11107	SACHIN ASHOK KSHIRSAGAR	20	20	20	20	100
2.01803E+15	181ME11116	DEEPPYOTI DATTATRAY SATHE	19	19	20	19	95.00
2.01803E+15	181ME11117	NAMRATA RAJU PARVAT	18	18	20	18	90.00
2.01903E+15	191ME12004	PRANAY PRADIP DISALE	20	20	20	20	100
2.01803E+15	T181ME11118	DHONDIBA SUL AMOL	18	18	20	18	90.00
2.01803E+15	T181ME11119	ATISH BALASO JADHAV	17	17	20	17	85.00

Number of Students: 49

Tool CO Attainment

Target Level(%): 40

Linked CO	ME215-19.5
No. of Students achieving Target Level	49
No. of Applicable Students	49
% Students achieving Target Level	100
Attainment Level	3

Attainment Level

(Percentage of students scoring Marks >=60) = Level 1

(Percentage of students scoring Marks >=70) = Level 2

(Percentage of students scoring Marks >=80) = Level 3

PRN NO.		Roll No.	Name of Student	Linked CO		ME215-19.1		ME215-19.2		ME215-19.3		ME215-19.5		ME215-19.7		ME215-19.8		ME215-19.9		ME215-19.11		ME215-19.12		ME215-19.13		ME215-19.15		ME215-19.16						
				Experiment No.	Total Obtained Marks	E1	E2	E3	E4	E5	E6	E7	E8	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks						
2.01803E-15	18IME11001	MANGESH MAHARAJ BIR MIRAL	192	24	24	24	24	24	24	24	24	24	24	25	24	96.00	96.00	50	48	96.00	50	25	24	96.00	50	25	24	96.00	50					
2.01803E-15	18IME11002	NIRJHIL DILIP MUNDHANE	192	24	24	24	24	24	24	24	24	24	24	25	24	96.00	96.00	50	48	96.00	50	25	24	96.00	50	25	24	96.00	50					
2.01803E-15	18IME11008	VASNAVINAY MAHESH LAKHERI	192	24	24	24	24	24	24	24	24	24	24	25	24	96.00	96.00	100	96	96.00	100	50	48	96.00	100	50	48	96.00	100					
2.01803E-15	18IME11009	MILIND SHASHIKANT JAGADALE	195	25	25	25	24	24	24	24	24	24	24	25	25	100	100	98	98.00	98.00	100	50	48	96.00	25	24	96.00	50	25	24	96.00	50		
2.01803E-15	18IME11014	KOMAL REVANSHODHISHWAR	192	24	24	24	24	24	24	24	24	24	24	25	24	96.00	96.00	100	96	96.00	100	50	48	96.00	25	24	96.00	50	25	24	96.00	50		
2.01803E-15	18IME11016	YUVKAL VINOJ SHELAR	176	22	22	22	22	22	22	22	22	22	22	25	22	88.00	88.00	100	88	88.00	100	50	44	88.00	25	22	88.00	50	24	22	88.00	50		
2.01803E-15	18IME11018	SALEHA SALIM MIRKAR	190	22	24	24	24	24	24	24	24	24	24	25	24	88.00	88.00	100	96	96.00	100	50	48	96.00	25	24	96.00	50	24	22	96.00	50		
2.01803E-15	18IME11019	SARAJA RAVINDRA CHANDRASEKAR	190	24	24	24	24	23	23	24	24	24	24	25	24	96.00	96.00	100	95	95.00	100	50	47	94.00	25	24	96.00	50	24	22	96.00	50		
2.01803E-15	18IME11020	ANANDA RAHUL CHANDRASEKAR	188	24	24	24	24	24	24	24	24	24	24	25	24	96.00	96.00	100	94	96.00	100	50	45	92.00	25	24	92.00	50	24	22	92.00	50		
2.01803E-15	18IME11021	YOGESH PRakash CHAVAN	181	22	22	22	23	23	23	23	23	23	23	25	23	88.00	88.00	100	90	90.00	100	50	46	92.00	25	23	92.00	50	24	22	92.00	50		
2.01803E-15	18IME11029	BHARAT INDRAYE BURUNGALE	192	24	24	24	24	24	24	24	24	24	24	25	24	96.00	96.00	100	96	96.00	100	50	48	96.00	25	24	96.00	50	24	22	96.00	50		
2.01803E-15	18IME11030	GHANASHAM SHASHIKANT CHITARI	181	22	22	22	23	23	23	23	23	23	23	25	22	88.00	88.00	100	90	90.00	100	50	45	90.00	25	23	92.00	50	24	22	92.00	50		
2.01803E-15	18IME11031	YASHU NITIN KALE	180	22	22	22	22	22	22	23	23	23	23	25	22	88.00	88.00	100	90	90.00	100	50	45	90.00	25	23	92.00	50	24	22	92.00	50		
2.01803E-15	18IME11034	SHREYAS HIRAM BHAMBRRAO	186	24	24	24	24	24	24	24	24	24	24	25	24	94	94.00	100	94	94.00	100	50	46	92.00	25	24	92.00	50	24	22	88.00	50		
2.01803E-15	18IME11066	CHANDRASHREE VYAKHAR	190	23	23	24	24	24	24	24	24	24	24	25	23	92.00	92.00	100	95	95.00	100	50	48	96.00	25	24	96.00	50	24	22	96.00	50		
2.01803E-15	18IME11037	AKSHAY BALASAHEB PANSARE	184	23	23	23	23	23	23	23	23	23	23	25	23	92.00	92.00	100	92	92.00	100	50	46	92.00	25	23	92.00	50	24	22	92.00	50		
2.01803E-15	18IME11038	RAHUL RAJARAM SATAPATE	195	24	24	24	24	24	24	25	25	25	24	25	24	96.00	96.00	100	97	97.00	100	50	49	98.00	25	25	100	50	49	98.00	25	24	98.00	50
2.01803E-15	18IME11039	DNYANESHWARI ROHIDAHS BANSODE	184	23	23	23	23	23	23	23	23	23	23	25	23	92.00	92.00	100	92	92.00	100	50	46	92.00	25	23	92.00	50	24	22	92.00	50		
2.01803E-15	18IME11040	RUTUJA SURESH TAPURKAR	176	22	22	22	22	22	22	22	22	22	22	25	22	88.00	88.00	100	88	88.00	100	50	44	88.00	25	22	88.00	50	24	22	88.00	50		
2.01803E-15	18IME11044	SURAJ DATTATRAY MORE	192	24	24	24	25	24	24	24	24	24	24	25	24	96.00	96.00	100	97	97.00	100	50	48	96.00	25	23	92.00	50	24	22	92.00	50		
2.01803E-15	18IME11060	PRUTHIVIRAJ SOMNATH DESHMUKH	186	22	22	23	23	23	24	24	24	24	24	25	22	88.00	88.00	100	93	93.00	100	50	47	94.00	25	24	96.00	50	24	22	96.00	50		
2.01803E-15	18IME11048	ADITYA VYANKATESH MOTEWAR	187	24	24	24	23	23	23	23	23	23	23	25	24	96.00	96.00	100	94	94.00	100	50	46	92.00	25	23	92.00	50	24	22	92.00	50		
2.01803E-15	18IME11049	MADHURI VINAYAK PARCHANDRAO	193	24	24	24	24	24	25	25	25	25	25	25	24	96.00	96.00	100	95	95.00	100	50	49	98.00	25	25	100	50	49	98.00	25	24	98.00	50
2.01803E-15	18IME11054	GYATARI VINAYAK JOSHI	190	24	24	24	24	24	24	24	24	24	24	25	24	96.00	96.00	100	95	95.00	100	50	48	96.00	25	23	92.00	50	24	22	92.00	50		
2.01803E-15	18IME11057	GANESH SHANKAR DOKKAR	187	23	23	23	23	23	23	23	23	23	23	24	24	93	93.00	100	93	93.00	100	50	47	94.00	25	23	96.00	50	24	22	96.00	50		
2.01803E-15	18IME11058	YASHVIR RAJARAK GADERKAR	185	24	23	23	23	23	23	23	23	23	23	25	23	96.00	96.00	100	92	92.00	100	50	46	92.00	25	23	92.00	50	24	22	92.00	50		
2.01803E-15	18IME11066	SUMEET SHASHIKAL CHAVADE	188	22	22	22	22	22	22	22	22	22	22	22	23	22	88.00	88.00	100	92	92.00	100	50	47	92.00	25	23	92.00	50	24	22	92.00	50	
2.01803E-15	18IME11067	SHRADHHA DATTATRAY GAJAKOSH	194	24	24	24	25	24	24	24	24	24	24	25	24	96.00	96.00	100	97	97.00	100	50	49	98.00	25	24	98.00	50	24	22	98.00	50		
2.01803E-15	18IME11075	SHREYAS DATTATRAY WAGHMORE	184	22	22	22	22	22	22	22	22	22	22	22	23	22	88.00	88.00	100	91	91.00	100	50	46	92.00	25	23	92.00	50	24	22	92.00	50	
2.01803E-15	18IME11076	SHREYESH RAJARAM CHAVAN	181	22	22	22	23	23	23	23	23	23	23	25	22	88.00	88.00	100	90	90.00	100	50	46	92.00	25	23	92.00	50	24	22	92.00	50		
2.01803E-15	18IME11077	PRAKASHRAO MGRADHADGE	176	22	22	22	22	22	22	22	22	22	22	22	23	22	88.00	88.00	100	88	88.00	100	50	44	88.00	25	22	88.00	50	24	22	88.00	50	
2.01803E-15	18IME11078	SHREYAS RAJARAM GOGAR	176	22	22	22	22	22	22	22	22	22	22	22	23	22	88.00	88.00	100	90	90.00	100	50	44	92.00	25	22	92.00	50	24	22	92.00	50	
2.01803E-15	18IME11094	PRATHAMESH RAMESH KIRGAT	189	24	24	25	25	25	25	25	25	25	25	25	23	92.00	92.00	100	95	95.00	100	50	45	96.00	25	23	92.00	50	24	22	92.00	50		
2.01803E-15	18IME11096	RAJENDRA ADMANE DHANJANAY	184	22	23	23	23	23	23	23	23	23	23	24	25	22	88.00	88.00	100	93	93.00	100	50	46	92.00	25	23	92.00	50	24	22	92.00	50	
2.01803E-15	18IME11097	OMKAR BABASO DANDAGE	183	22	23	23	23	23	23	23	23	23	23	25	22	88.00	88.00	100	92	92.00	100	50	46	92.00	25	23	92.00	50	24	22	92.00	50		
2.01803E-15	18IME11099	PRATHAMESH MANOHAR JATKAR	188	24	24	24	24	24	24	24	24	24	24	25	24	96.00	96.00	100	94	94.00	100	50	47	94.00	25	23	92.00	50	24	22	92.00	50		
2.01803E-15	18IME11101	ATHARV SANTOSH JOSHI	176	22	22	22	22	22	22	22	22	22	22	22	23	22	88.00	88.00	100	88	88.00	100	50	44	88.00	25	22	88.00	50	24	22	88.00	50	
2.01803E-15	18IME11102	RUSHIKESH VIDYADHAR PATIL	184	23	23	23	23	23	23	23	23	23	23	25	23	92.00	92.00	100	93	93.00	100	50	46	92.00	25	23	92.00	50	24	22	92.00	50		
2.01803E-15	18IME11104	CHANDRAKALA SAURABH SAURABH	187	24	23	23	23	23	23	23	23	23	23	25	23	92.00	92.00	100	93	93.00	100	50	46	92.00	25	23	92.00	50	24	22	92.00	50</td		

Number of Students: 4

Tool CO Attainment

Target Level(%): 40				
Linked CO	ME215-19.1	ME215-19.2	ME215-19.5	ME215-19.6
No. of Students achieving Target	49	49	49	49
No. of Applicable	49	49	49	49

Attainment Level	3	
Attainment Level (Percentage of students scoring Marks 3 or 60 or 1 and 1)		

(Percentage of students scoring Marks ≥ 60) = Level 1
(Percentage of students scoring Marks ≥ 70) = Level 2

(Percentage of students scoring Marks ≥ 80) = Level 3

SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR
COURSE-CO ATTAINMENT
 DEPARTMENT: MECHANICAL ENGINEERING
 PROGRAM:UNDER GRADUATE IN MECHANICAL ENGINEERING
 CLASS: SECOND YEAR
 DIVISION:A
 SEMESTER:SEMESTER I
 COURSE : INTERNAL COMBUSTION ENGINES (ME215-19)
 ACADEMIC YEAR: 2019-20

INTERNAL COMBUSTION ENGINES (ME215-19) Co Attainment SECOND YEAR Div.- A for A.Y - 2019-20

Attainment through Board Examination Weightage (%): 80

Sr. No.	Tools	ME215-19.1	ME215-19.2	ME215-19.3	ME215-19.4	ME215-19.5	ME215-19.6
1	ESE	3	3	3	3	3	3
	Attainment through Board Exam	3.00	3.00	3.00	3.00	3.00	3.00

Attainment through Internal Assessment Weightage (%): 20

Sr. No.	Tools	ME215-19.1	ME215-19.2	ME215-19.3	ME215-19.4	ME215-19.5	ME215-19.6
1	ISE-1	3	3	NA	NA	NA	NA
2	OBT-1	3	3	NA	NA	NA	NA
3	THT-1	3	3	NA	NA	NA	NA
4	ISE-2	NA	3	2	3	NA	NA
5	OBT-2	NA	3	3	3	NA	NA
6	THT-2	NA	3	3	3	NA	NA
7	ISE-3	NA	NA	NA	NA	1	3
8	OBT-3	NA	NA	NA	NA	3	NA
9	THT-3	NA	NA	NA	NA	3	3
10	UT-1	3	NA	NA	NA	NA	NA
11	UT-2	NA	3	3	NA	NA	NA
12	UT-3	NA	NA	NA	3	NA	NA
13	ASSIGNMENT	3	3	3	3	3	3
14	PPPE	3	3	3	3	3	3
15	LAB BOOK	3	3	NA	NA	3	3
16	LAB TEST 1	3	NA	NA	NA	NA	NA
17	LAB TEST 2	NA	NA	NA	NA	3	NA
	Attainment through Internal Assessment	3.00	3.00	2.83	3.00	2.71	3.00

Overall Course CO Attainment

Sr. No.	Tool Type	ME215-19.1	ME215-19.2	ME215-19.3	ME215-19.4	ME215-19.5	ME215-19.6	Overall Attainment
1	Attainment through Board Exam	3.00	3.00	3.00	3.00	3.00	3.00	3.00
2	Attainment Through Internal Assessment	3.00	3.00	2.83	3.00	2.71	3.00	2.92
	Direct Attainment	3.00	3.00	2.97	3.00	2.94	3.00	2.99



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

Virtual Laboratories

Sample Link

<https://www.youtube.com/watch?v=bckbE2KXWWM>



SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's

COLLEGE OF ENGINEERING, PANDHARPUR

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(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



ISO 9001:2015



Sr. No.	Name of Activity	Purpose
1	Virtual Laboratory	To provide remote-access to simulation-based Labs in various disciplines of Science and Engineering. To enthuse students to conduct experiments by arousing their curiosity. This would help them in learning basic and advanced concepts through remote experimentation.

Virtual Lab Registration Procedure

About Virtual Lab: Physical distances and the lack of resources make us unable to perform experiments, especially when they involve sophisticated instruments. Conducting joint experiments by two participating institutions and also sharing costly resources has always been a challenge. Today most equipment has a computer interface for control and data storage. It is possible to design good experiments around some of this equipment which would enhance the learning of a student. Internet-based experimentation further permits use of resources knowledge, software, and data available on the web, apart from encouraging skillful experiments being simultaneously performed at points separated in space (and possibly, time). Virtual Labs will be made more effective and realistic by providing additional inputs to the students like accompanying audio and video streaming of an actual lab experiment and equipment.

Objectives: 1. To provide remote-access to Labs in various disciplines of Science and Engineering. These Virtual Labs would cater to students at the undergraduate level, post graduate level as well as to research scholars.

2. To enthuse students to conduct experiments by arousing their curiosity. This would help them in learning basic and advanced concepts through remote experimentation.

3. To provide a complete Learning Management System around the Virtual Labs where the students can avail the various tools for learning, including additional web-resources, video-lectures, animated demonstrations and self evaluation.

4. To share costly equipment and resources, which are otherwise available to limited number of users due to constraints on time and geographical distances.

Registration Steps are as follows with respect to PART A (internet) and PART B (intranet):

Part A: Registration on COE, Pune Virtual Lab Portal

Step1: Copy and paste following url into web browser and press enter for request:

<https://portal.coepvlab.ac.in/>

Step2: Click on "[Virtual Labs Simulation Portal \(internet\)](#)" in application links section, it will redirect you to next page

Step3: Click on "**Register**" tab (on the page upper right corner), it will redirect you to registration form page

Step4: Enter all the details like First Name, Middle Name, Last name, DOB, Mobile number, etc.

NOTE: 1. Select college name from dropdown list as "**NC 15 Shri Vithal Education & Research Institute, Pandharpur**"

2. **Provide Your College email_id in the required field.**

Step5: After completion of Step4, the system will send Login Details on your registered email id. **Sign in to your college email id**

Step6: Use this User Id and Password received at your email id for the validation purpose on following link: [**https://portal.coepvlab.ac.in/vlab/**](https://portal.coepvlab.ac.in/vlab/)

Step7: You can Change your password (if required)

Step8: As per your interest and your streams, you can check available labs.

Step9: Click on any experiment and run the simulation part of that experiment. If simulation part visualize clearly, then your registration is considered as successful.

Step10. Logout

Part B: Login on SVERI's Virtual Lab Server

(This process you have carry out on next day because Virtual Lab Server from COE, Pune have scheduled synchronization of data with our Virtual Lab Server everyday at midnight. So, once registration on their server will allow you to access our server on next day.)

After completing above procedure from step1 to step10 from PART A, on next day login to our Virtual Lab server using following link:

[**http://14.139.114.201:8080/vlab/**](http://14.139.114.201:8080/vlab/)

Note: Use the same emailid and password which is used for the Part A registration process.

Here onwards, we need to use virtual labs available for our academic enrichment purpose by using our server link: [http://14.139.114.201:8080/vlab/**](http://14.139.114.201:8080/vlab/)**

For any query, kindly connect to the undersigned.



**Mr. P. G. Gaikwad
CSE, Department**

**Virtual Lab Nodal Center Coordinator
SVERI's College of Engineering, Pandharpur**

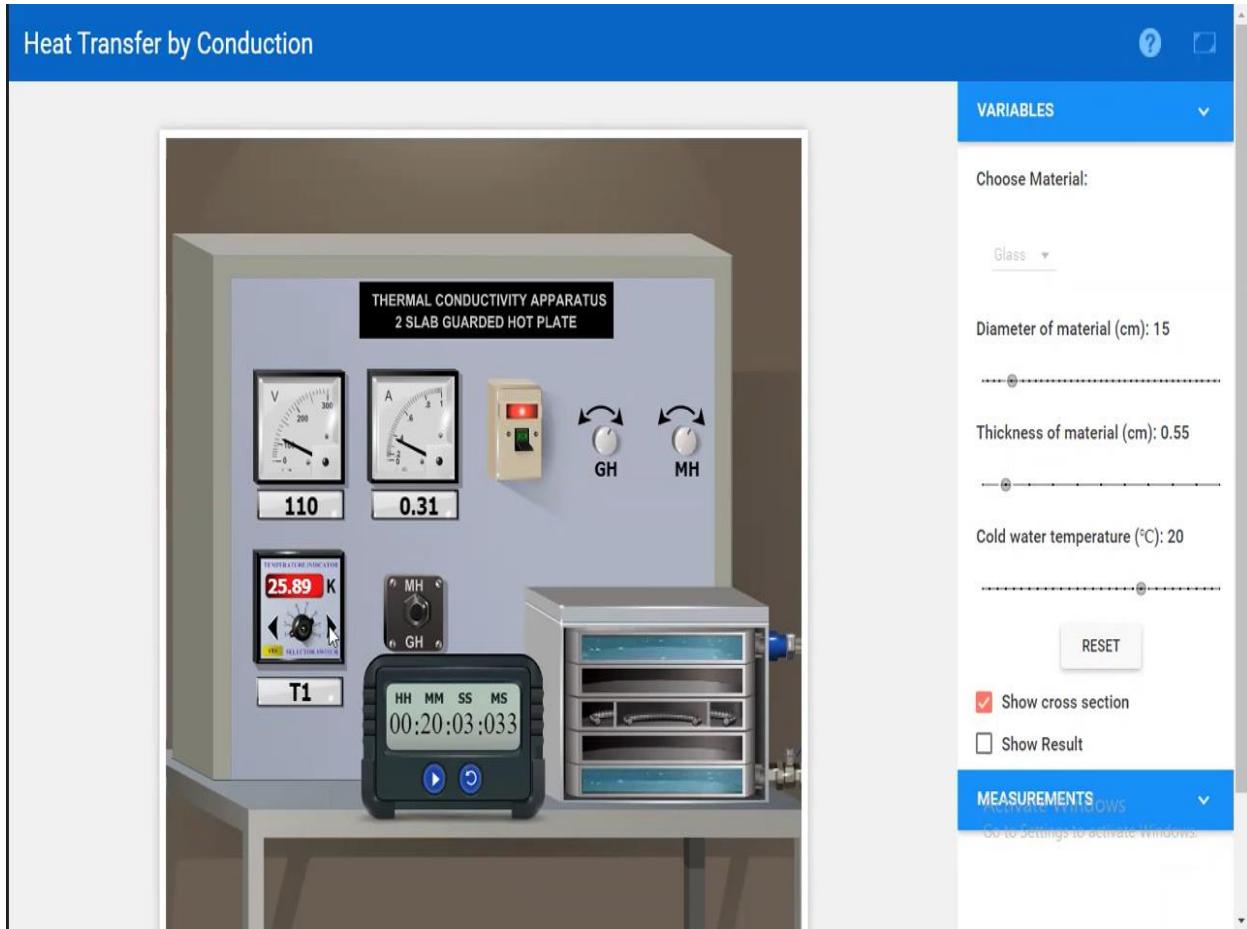
Virtual laboratories:

Virtual laboratories have facilitated various simulation studies for enabling the students to Understand the technical concepts and to study effects of variables or parameters through Experimentation.

1. Subject- Heat Transfer.

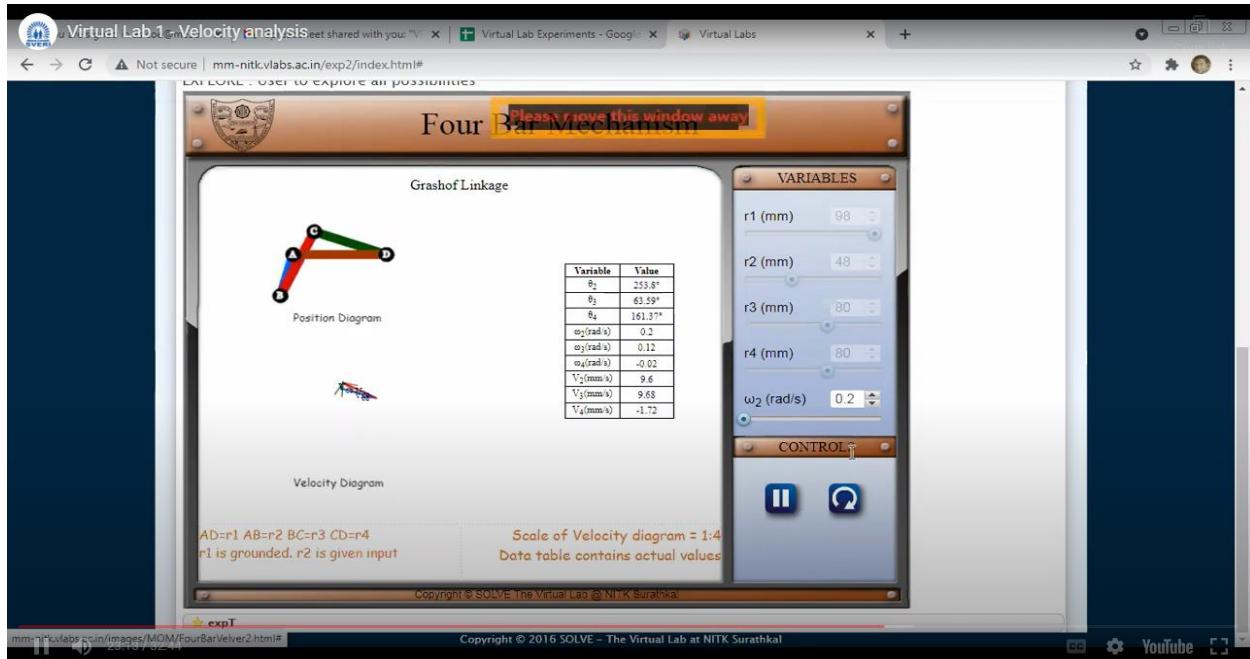
Name of Experiment- To find the thermal conductivity of a material by the two slabs guarded hot plate method.

You Tube Link- <https://www.youtube.com/watch?v=nluhNzpbtvM>



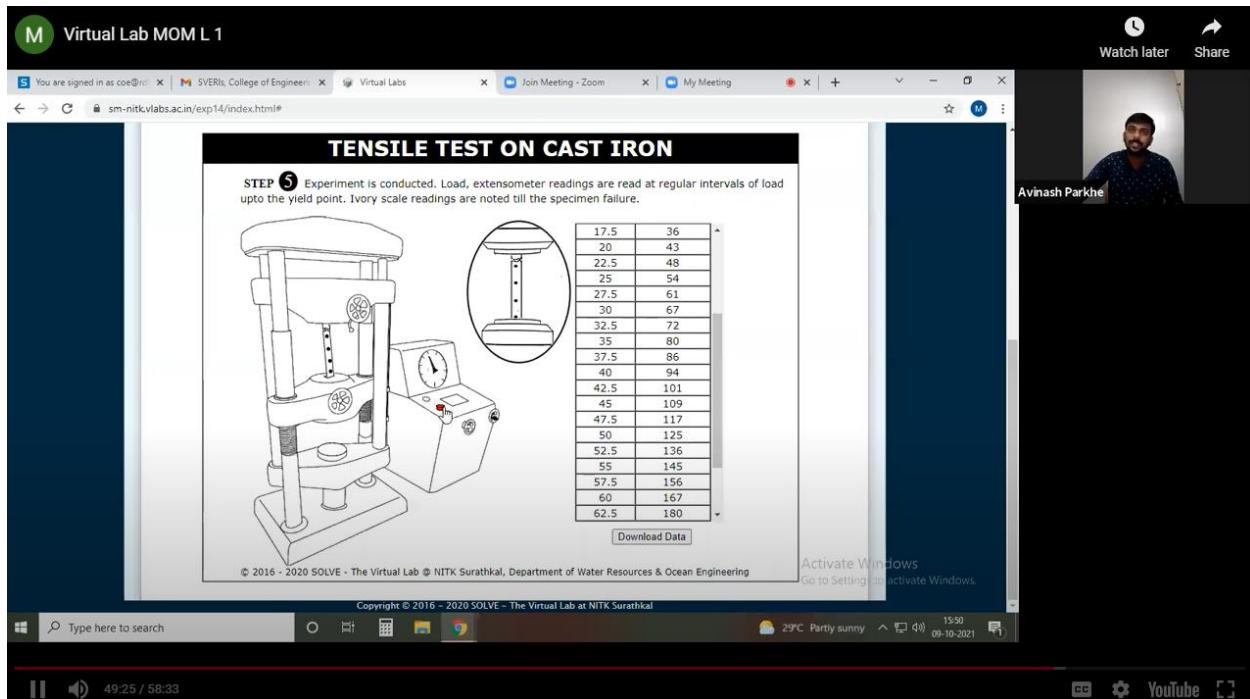
2. Subject- Theory of Machines.

Name of Experiment- Velocity Analysis of Grashof four bar mechanism.
You Tube Link- <https://www.youtube.com/watch?v=bckbE2KXWWM>



3. Subject-Mechanics of Material.

Name of Experiment- Tensile test on mild steel.
You Tube Link- <https://www.youtube.com/watch?v=aDWhHHUirTw>





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

Use of Virtual Labs by Faculty Members



Home Records Welcome, Pankaj Gaikwad

Search By

College Name

Virtual Area :

Lab Name :

Experiment Name :

State Name

From date :

To date :

Total Simulator Time : 20 : 15 : 16

Total Simulator Hit : 480

Simulator Time : 0 : 17 : 25

Simulator Hit : 10

User Id	Department	Lab	Experiment	Total Time (hour:min:sec)
ddrongo@coe.sveri.ac.in	Mechanical Engineering	Mechanics of Machines Lab	Position analysis of Grashof four bar mechanism	0 : 0 : 42
ddrongo@coe.sveri.ac.in	Mechanical Engineering	FAB laboratory	3D Machining	0 : 1 : 24
ddrongo@coe.sveri.ac.in	Mechanical Engineering	Micromachining laboratory	To study influence of process parameters on the Wire EDM	0 : 6 : 5
ddrongo@coe.sveri.ac.in	Mechanical Engineering	Mechanics of Machines Lab	Position analysis of Grashof four bar mechanism	0 : 1 : 10
shradhhadgajakosh@coep.sveri.ac.in	Mechanical Engineering	Mine Automation and Virtual Reality	Calibration of Orifice Plate	0 : 1 : 8
yashgadekar39@gmail.com	Mechanical Engineering	Machine Dynamics and Machine Vibration laboratory	Free vibration of cantilever beam	0 : 1 : 38

Activate Windows
Go to Settings to activate Windows.



Home Records Welcome, Pankaj Gaikwad

Search By

College Name

Virtual Area : (highlighted)

Lab Name :

Experiment Name :

State Name

From date : (highlighted)

To date : (highlighted)

Statistical View Graphical View

Total Simulator Time : 40 : 40 : 44

Total Simulator Hit : 520 (highlighted)

Simulator Time : 0 : 13 : 36				Simulator Hit : 10
User Id	Department	Lab	Experiment	Total Time (hour:min:sec)
ganeshgudekar2015@gmail.com	Mechanical Engineering	Micromachining laboratory	To study pulsed-heating of materials	0 : 1 : 26
ganeshgudekar2015@gmail.com	Mechanical Engineering	Vibration and Acoustics	Impact test on cantilever Modal analysis	0 : 0 : 48
ganeshgudekar2015@gmail.com	Mechanical Engineering	Vibration and Acoustics	Impact test on cantilever Modal analysis	0 : 1 : 49
ganeshgudekar2015@gmail.com	Mechanical Engineering	Mechanics of Machines Lab	Acceleration analysis of NonGrashof four bar mechanism	0 : 0 : 40
ganeshgudekar2015@gmail.com	Mechanical Engineering	Micromachining laboratory	To study pulsed-heating of materials	0 : 1 : 46
ganeshgudekar2015@gmail.com	Mechanical Engineering	Mine Automation and Virtual Reality	Fan Rating Test	0 : 0 : 48
ganeshgudekar2015@gmail.com	Mechanical Engineering	FAB laboratory	3D Machining	0 : 1 : 44
ganeshgudekar2015@gmail.com	Mechanical Engineering	FAB laboratory	3D Machining	0 : 1 : 40

Activate Windows
Go to Settings to activate Windows.



Home Records Welcome, Pankaj Gaikwad

Search By

College Name

Virtual Area :

Lab Name :

Experiment Name :

State Name

From date :

To date :

Total Simulator Time : 0 : 27 : 30

Total Simulator Hit : 13

Simulator Time : 0 : 24 : 25

Simulator Hit : 10

User Id	Department	Lab	Experiment	Total Time (hour:min:sec)
srdulange@yahoo.co.in	Mechanical Engineering	Micromachining laboratory	To study various thermal models for EDM	0 : 1 : 38
bundhe.nilesh@rediffmail.com	Mechanical Engineering	Vibration and Acoustics	Trifilar Suspension	0 : 12 : 55
varshapatil.vp19@gmail.com	Mechanical Engineering	Mechanics of Machines Lab	Position analysis of Scotch Yoke Mechanism	0 : 0 : 30
varshapatil.vp19@gmail.com	Mechanical Engineering	FAB laboratory	Computer Controlled Cutting of wooden object	0 : 1 : 36
varshapatil.vp19@gmail.com	Mechanical Engineering	FAB laboratory	Computer Controlled Cutting of wooden object	0 : 0 : 50
varshapatil.vp19@gmail.com	Mechanical Engineering	FAB laboratory	3D scanning	0 : 1 : 36
mayurigaijkwad251997@gmail.com	Mechanical Engineering	FAB laboratory	Computer Controlled Cutting of wooden	0 : 1 : 30

Activate Windows
Go to Settings to activate Windows.



Home Records Welcome, Pankaj Gaikwad

Search By

General

College Name

NC 15 Shri Vitthal Education & Research Institute, Pandharpur, Solapur

Virtual Area :

Mechanical Engineering

Lab Name :

---Any---

Experiment Name :

---A...

State Name

Maharashtra

From date :

01/07/2016

To date :

30/06/2017

Search

Statistical View

Graphical View

Total Simulator Time : 0 : 57 : 2

Total Simulator Hit : 22

Simulator Time : 0 : 41 : 18

Simulator Hit : 10

User Id	Department	Lab	Experiment	Total Time (hour:min:sec)
bhojane.mahesh@rediffmail.com	Mechanical Engineering	Vibration and Acoustics	MI of Connecting Rod	0 : 14 : 60
bhojane.mahesh@rediffmail.com	Mechanical Engineering	Vibration and Acoustics	Impact test on cantilever Modal analysis	0 : 6 : 34
bhojane.mahesh@rediffmail.com	Mechanical Engineering	Vibration and Acoustics	Sine Sweep of base excitation of cantilever	0 : 5 : 24
bhojane.mahesh@rediffmail.com	Mechanical Engineering	Vibration and Acoustics	Forced response of SDOF	0 : 3 : 24
manikcs34@gmail.com	Mechanical Engineering	Mechanics of Machines Lab	Position analysis of Grashof four bar mechanism	0 : 1 : 54
pavankamble156@gmail.com	Mechanical Engineering	Mechanics of Machines Lab	Position analysis of Grashof four bar mechanism	0 : 3 : 45
jenilnaik1820@gmail.com	Mechanical Engineering	Vibration and Acoustics	MI of Connecting Rod	0 : 1 : 42

Activate Windows

Go to Settings to activate Windows.



Search By

General

College Name

NC 15 Shri Vitthal Education & Research Institute, Pandharpur, Solapur

Virtual Area :

Mechanical Engineering

Lab Name :

---Any---

Experiment Name :

---A...

State Name

Maharashtra

From date :

01/07/2015

To date :

30/06/2016

Search

Statistical View

Graphical View

Total Simulator Time : 7 : 5 : 8

Total Simulator Hit : 229

Simulator Time : 0 : 18 : 39

Simulator Hit : 10

User Id	Department	Lab	Experiment	Total Time (hour:min:sec)
deshpandeshubham@hotmail.com	Mechanical Engineering	FAB laboratory	PCB design & fabrication	0 : 6 : 55
dsgaikwad@coe.sveri.ac.in	Mechanical Engineering	Mechanics of Machines Lab	Position analysis of Grashof four bar mechanism	0 : 1 : 13
dsgaikwad@coe.sveri.ac.in	Mechanical Engineering	Machine Dynamics and Machine Vibration laboratory	2DOF Forced vibration	0 : 1 : 45
ssbansode@coe.sveri.ac.in	Mechanical Engineering	Micromachining laboratory	To study pulsed-heating of materials	0 : 1 : 40
ssbansode@coe.sveri.ac.in	Mechanical Engineering	Micromachining laboratory	Study of Electrochemical machining process	0 : 1 : 10
ssbansode@coe.sveri.ac.in	Mechanical Engineering	Micromachining laboratory	Study of Electrochemical machining process	0 : 1 : 17

Activate Windows
Go to Settings to activate Windows.

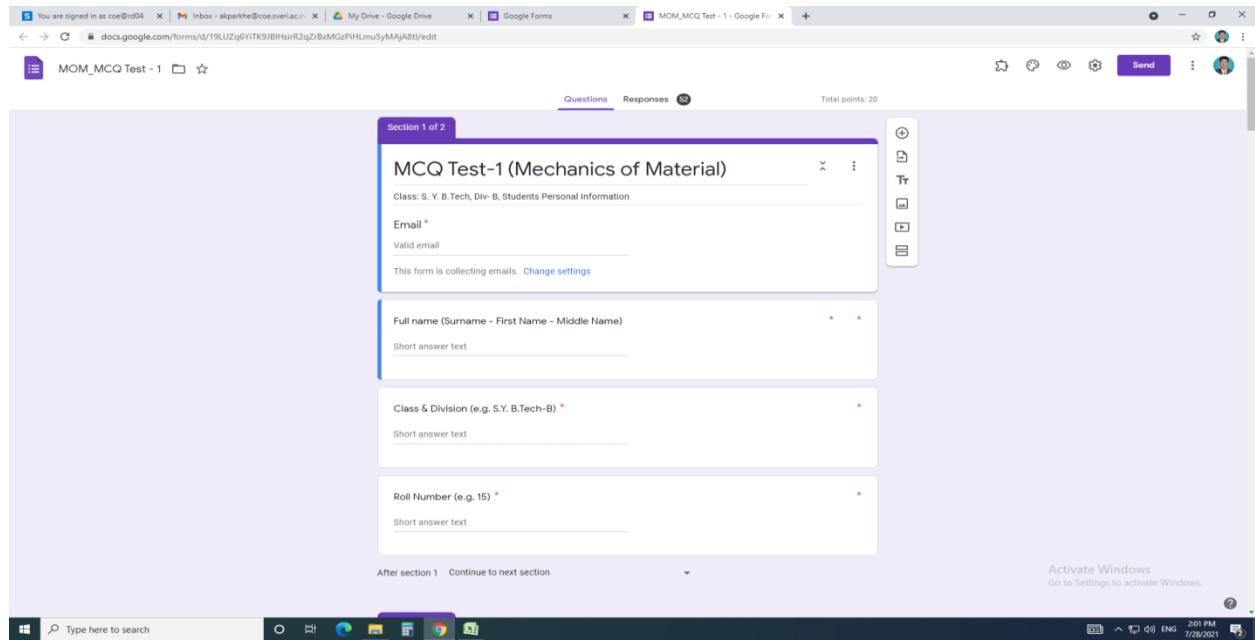


**Shri Vithal Education & Research Institute's
College of Engineering, Pandharpur**

Online Quiz
1. Google Form
2. Join my Quiz Platform

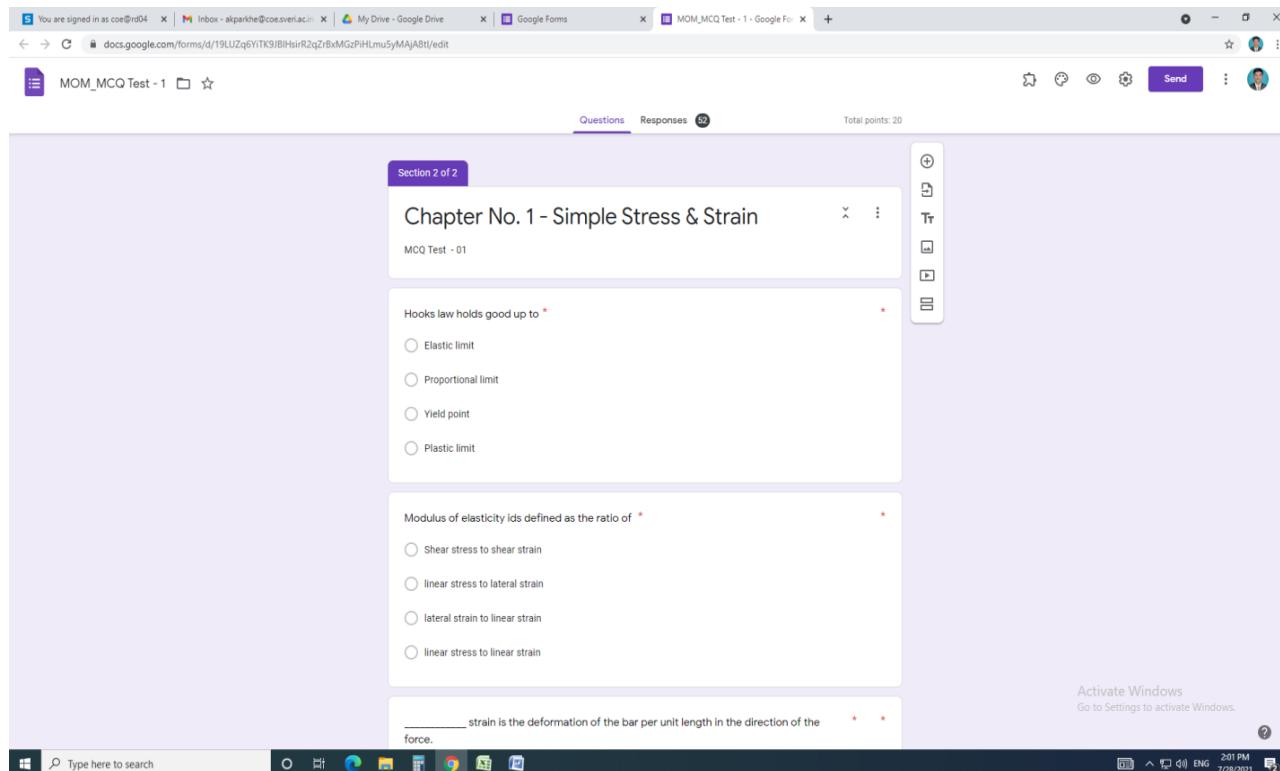
Google form Platform

1. Student Details.



The screenshot shows a Google Forms survey titled "MCQ Test-1 (Mechanics of Material)". The survey is for "S. Y. B.Tech, Div. B. Students Personal Information". It contains four text input fields: "Email" (with a note that it is a valid email), "Full name (Surname - First Name - Middle Name)", "Class & Division (e.g. S.Y. B.Tech-B)", and "Roll Number (e.g. 15)". Each field is marked with a red asterisk indicating it is required. The "Total points: 20" is displayed at the top right. The interface includes a toolbar with icons for adding questions, responses, and settings. A status bar at the bottom shows system information like battery level, signal strength, and the date and time (7/28/2021, 2:01 PM).

2. Multiple choice Questions.



The screenshot shows a Google Forms survey titled "Chapter No. 1 - Simple Stress & Strain". The survey is for "MCQ Test - 01". It contains three multiple-choice questions. The first question is "Hooks law holds good up to *", with options: "Elastic limit", "Proportional limit", "Yield point", and "Plastic limit". The second question is "Modulus of elasticity is defined as the ratio of *", with options: "Shear stress to shear strain", "linear stress to lateral strain", "lateral strain to linear strain", and "linear stress to linear strain". The third question is "_____ strain is the deformation of the bar per unit length in the direction of the force.", with a blank line for the answer. Each question is marked with a red asterisk. The "Total points: 20" is displayed at the top right. The interface includes a toolbar with icons for adding questions, responses, and settings. A status bar at the bottom shows system information like battery level, signal strength, and the date and time (7/28/2021, 2:01 PM).

3. MCQ Test Report.

52 responses

Average: 14.79 / 20 points | Median: 16 / 20 points | Range: 5 - 19 points

Total points distribution

of respondents vs Points scored

Question	Correct responses
Modulus of elasticity is defined as the ratio of.....	15 / 52
Bulk modulus is the ratio of.....	24 / 50

4. MCQ Test Result.

Scores

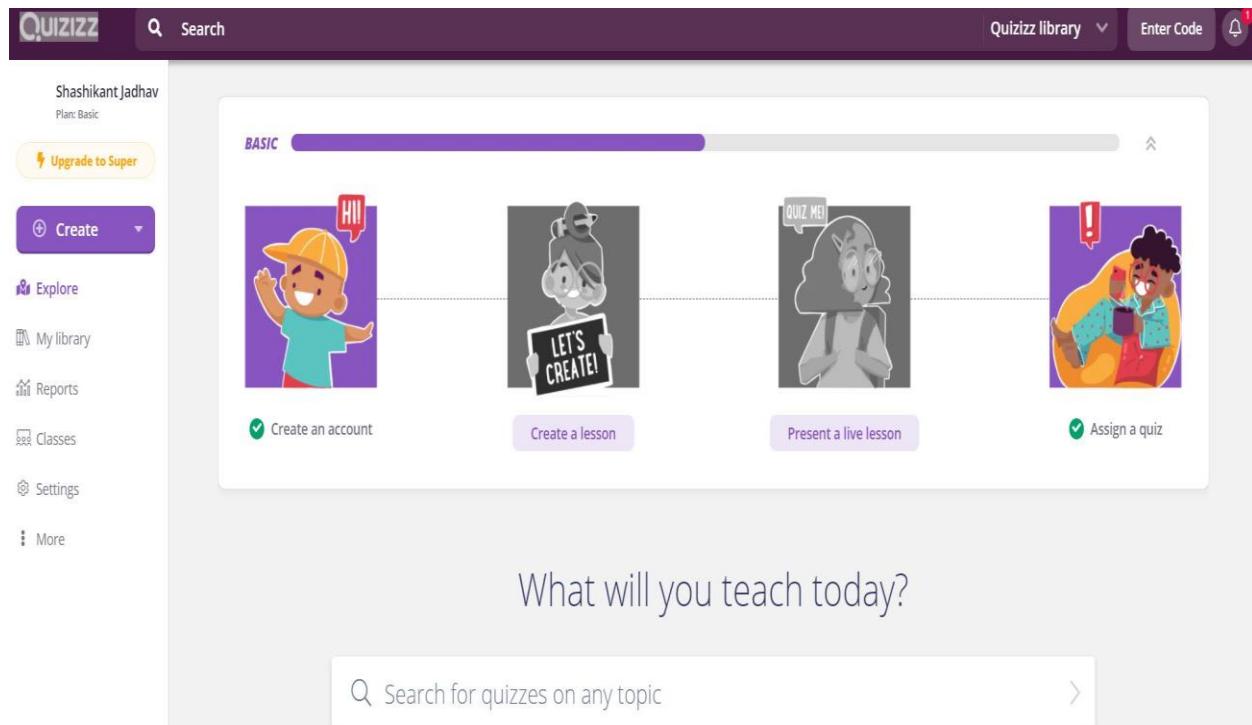
Email	Score / 20	Score released
shoaibmulani2017@gmail.com	9	Feb 27 5:05 PM
dharmandrasartape14@gmail.com	11	Feb 27 5:05 PM
tanagavade@gmail.com	5	Feb 27 5:05 PM
suyashlondhe15@gmail.com	14	Feb 27 5:05 PM
divyalaivate32@gmail.com	8	Feb 27 5:05 PM
naiknawaremadhuri1611@gmail.com	19	Feb 27 5:05 PM
shubham.kattkar.5492@gmail.com	9	Feb 27 5:05 PM
shanku10628@gmail.com	18	Feb 27 5:05 PM

Full name (Surname - First Name - Middle Name)
52 responses

Natikar Mukesh Laxman
Patil Jyoti Mahesh
Gavali Ajay Pandurang
CHAVAN PREM GOvardhan

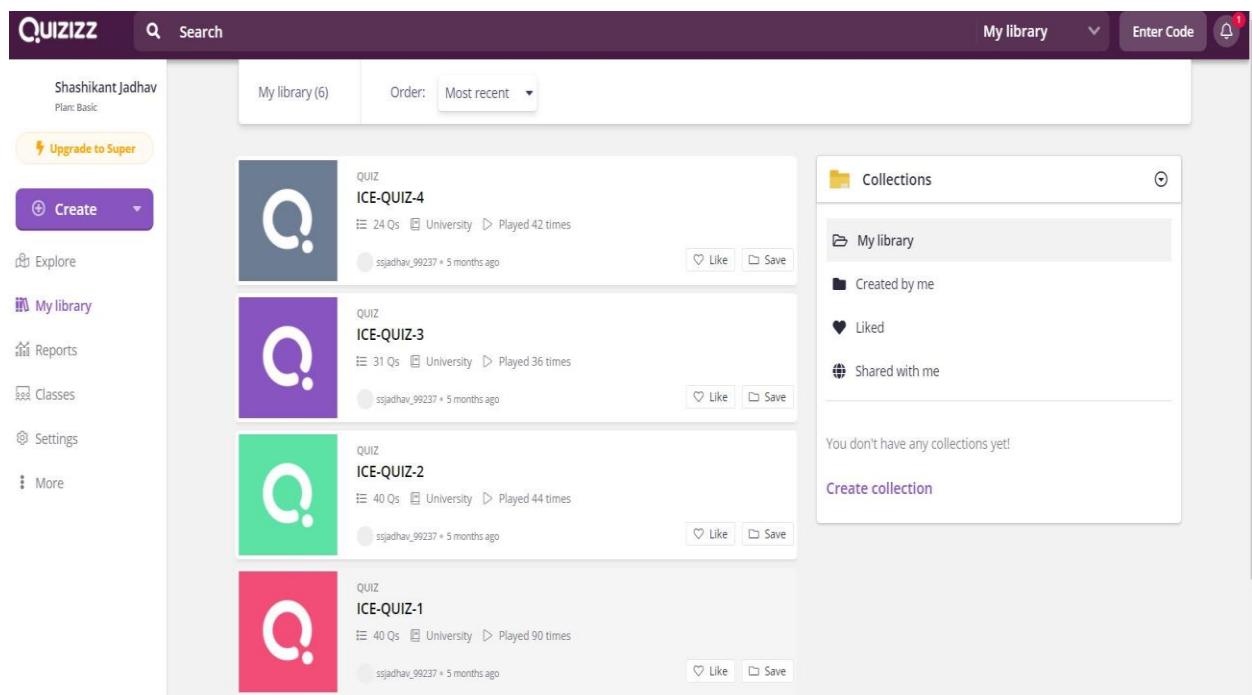
Join my Quiz Platform

1. Creating QUIZ on platform.



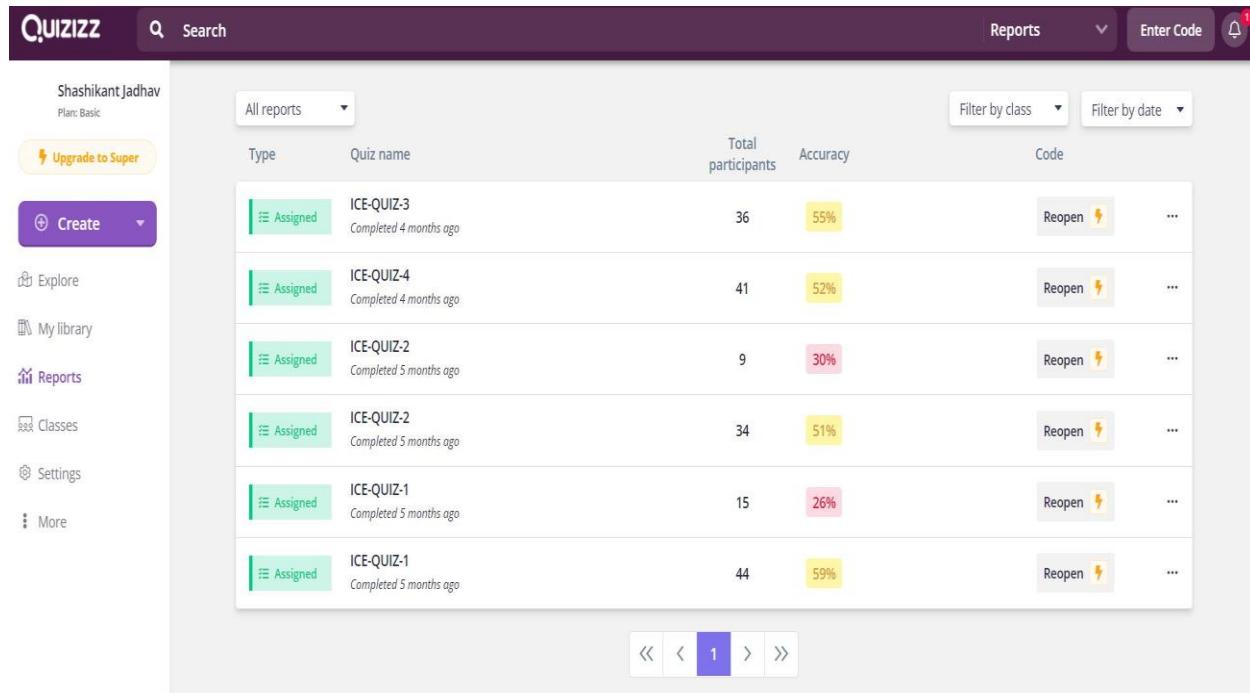
The image shows the Quizizz homepage. At the top, there is a purple header with the Quizizz logo, a search bar, and buttons for 'Quizizz library' and 'Enter Code'. A notification bell icon with a red '1' is also present. On the left, a sidebar for 'Shashikant Jadhav' (Plan: Basic) includes options like 'Upgrade to Super', 'Create', 'Explore', 'My library', 'Reports', 'Classes', 'Settings', and 'More'. The main content area features a 'BASIC' tab with four cartoon illustrations: a boy in a hard hat, a girl with a 'LET'S CREATE!' sign, a person thinking with a 'QUIZ ME!' sign, and a person using a smartphone. Below these are buttons for 'Create an account', 'Create a lesson', 'Present a live lesson', and 'Assign a quiz'. A central text 'What will you teach today?' is followed by a search bar with the placeholder 'Search for quizzes on any topic'.

2. Saved MCQ tests on Platform.



The image shows the 'My library' section of the Quizizz platform. The top navigation bar includes 'Search', 'My library' (with a dropdown and a red '1' notification), and 'Enter Code'. The sidebar on the left is identical to the one in the first image. The main area displays a list of saved quizzes: 'ICE-QUIZ-4' (24 Qs, University, Played 42 times), 'ICE-QUIZ-3' (31 Qs, University, Played 36 times), 'ICE-QUIZ-2' (40 Qs, University, Played 44 times), and 'ICE-QUIZ-1' (40 Qs, University, Played 90 times). Each quiz card includes a 'Like' and 'Save' button. To the right, a sidebar titled 'Collections' shows 'My library' (Created by me, Liked, Shared with me), a message 'You don't have any collections yet!', and a 'Create collection' button.

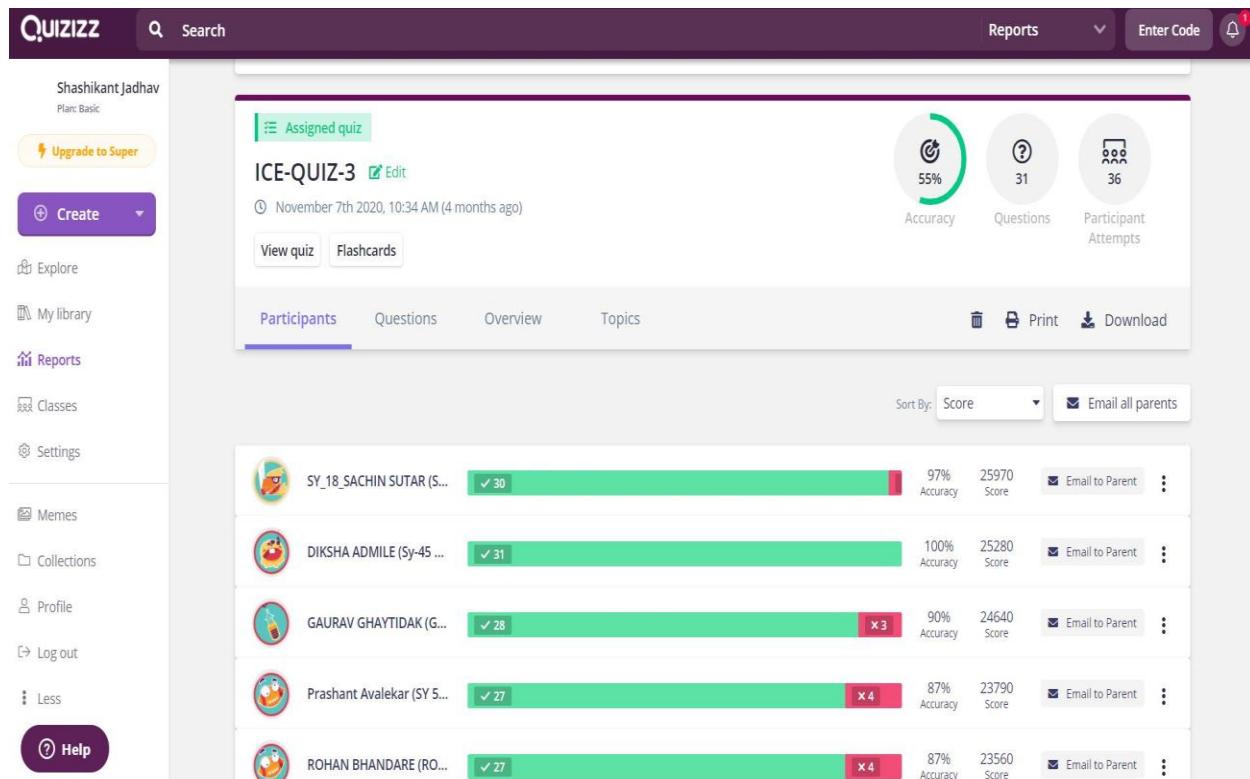
3. Reports of MCQ Tests.



The screenshot shows the Quizizz platform interface. On the left, a sidebar menu includes options like 'Create', 'Explore', 'My library', 'Reports' (which is selected), 'Classes', 'Settings', and 'More'. The main content area displays a table of reports for six quizzes, each with the status 'Assigned'. The columns are 'Type', 'Quiz name', 'Total participants', 'Accuracy', and 'Code'. The quizzes are: ICE-QUIZ-3 (36 participants, 55% accuracy), ICE-QUIZ-4 (41 participants, 52% accuracy), ICE-QUIZ-2 (9 participants, 30% accuracy), ICE-QUIZ-2 (34 participants, 51% accuracy), ICE-QUIZ-1 (15 participants, 26% accuracy), and ICE-QUIZ-1 (44 participants, 59% accuracy). Each row has a 'Reopen' button and a 'More' options menu.

Type	Quiz name	Total participants	Accuracy	Code
Assigned	ICE-QUIZ-3 Completed 4 months ago	36	55%	Reopen ⚡
Assigned	ICE-QUIZ-4 Completed 4 months ago	41	52%	Reopen ⚡
Assigned	ICE-QUIZ-2 Completed 5 months ago	9	30%	Reopen ⚡
Assigned	ICE-QUIZ-2 Completed 5 months ago	34	51%	Reopen ⚡
Assigned	ICE-QUIZ-1 Completed 5 months ago	15	26%	Reopen ⚡
Assigned	ICE-QUIZ-1 Completed 5 months ago	44	59%	Reopen ⚡

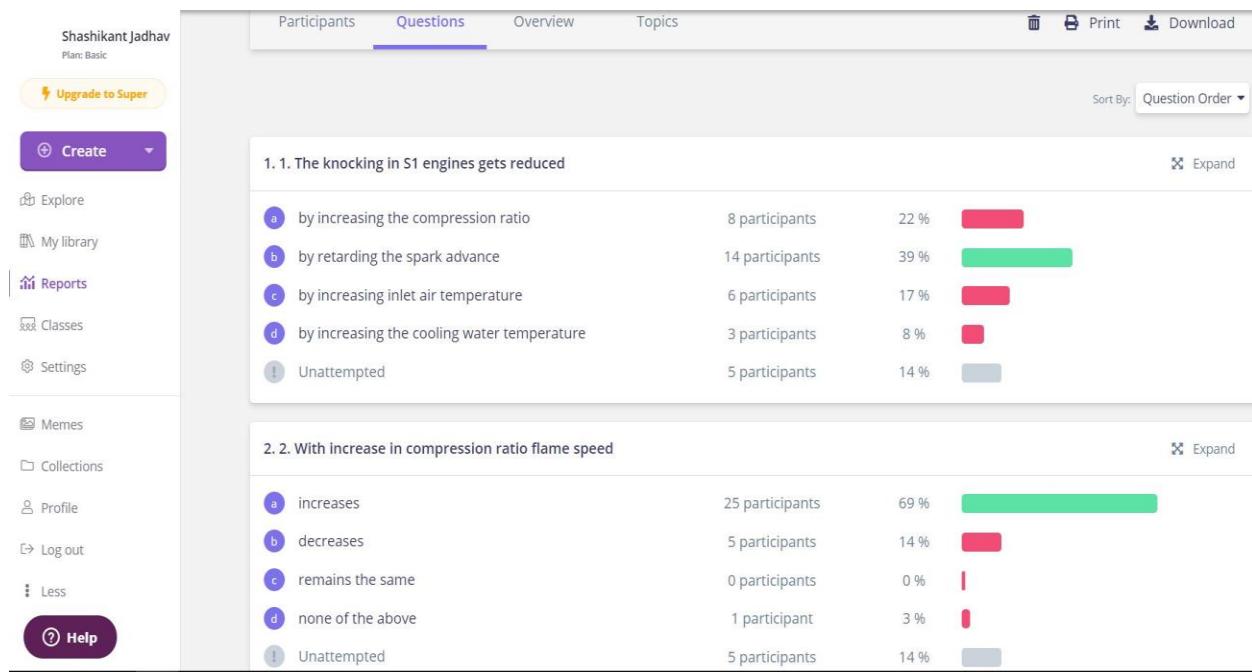
4. Result of MCQ test.



The screenshot shows the results of the 'ICE-QUIZ-3' assigned quiz. The quiz was completed on November 7th, 2020, at 10:34 AM. The results table lists five participants with their names, scores, accuracy, and options to email parents or view more details. The participants are: SY_18_SACHIN SUTAR (S...), DIKSHA ADMILE (Sy-45 ...), GAURAV GHAYTIDAK (G...), Prashant Avalekar (SY 5...), and ROHAN BHANDARE (RO...). The accuracy rates range from 87% to 100%.

Participants	Score	Accuracy	Actions
SY_18_SACHIN SUTAR (S...)	25970	97% Accuracy	Email to Parent
DIKSHA ADMILE (Sy-45 ...)	25280	100% Accuracy	Email to Parent
GAURAV GHAYTIDAK (G...)	24640	90% Accuracy	Email to Parent
Prashant Avalekar (SY 5...)	23790	87% Accuracy	Email to Parent
ROHAN BHANDARE (RO...)	23560	87% Accuracy	Email to Parent

5. Question wise analysis of student.





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

Digital Library



SHRI VITHAL EDUCATION & RESEARCH INSTITUTE's

COLLEGE OF ENGINEERING, PANDHARPUR

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Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in

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Accredited by the Institute of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute



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Sr. No.	Name of Activity	Purpose
1	Digital Library	The purpose of a digital library is to provide coherent organization and convenient access to typically large amounts of digital information.



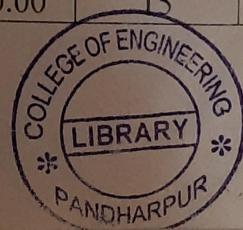
**Shri Vithal Education & Research Institute's
College of Engineering, Pandharpur**

**Video Lectures of
Faculty from IIT**

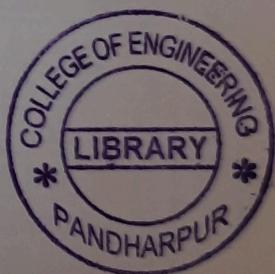
SVERI'S
COLLEGE OF ENGINEERING PANDHARPUR
CENTRAL LIBRARY
LIST OF CD ROMS

Supplier: RECORDED VIDEO COURSES FROM IIT, Mumbai

Sr.No.	Name of Recorded Course	Amount for DVD In Rs.	Qty.	Total Amount
	Sub: Electronics Engineering			
1	Power Electronics	7,500.00	49	
2	Broad Band Networks	7,500.00	32	
3	Transmission Lines & Waves	7,500.00	38	
4	Wavelets EE678	7,500.00	35	
5	Information Theory & Coding	7,500.00	39	
6	Digital Communication	7,500.00	32	
7	Control Engineering	7,500.00	46	
8	DSP & Its Application EE603	7,500.00	38	
9	Fiber Optics EE606	7,500.00	33	
10	Electronics Design CS212	7,500.00	30	
11	Signal & Systems	7,500.00	66	
12	Electronics{EE004}	7,500.00	24	
13	Introduction to DSP	7,500.00	37	
14	Statistical Signal Analysis	7,500.00	33	
15	Image Processing	7,500.00	28	
16	Digital VLSI Design	7,500.00	18	
	Sub Total Amount in Rs.		578	1,20,000
	Sub: Mechanical Engg.			
1	Advanced Strength of Materials	7,500.00	22	
2	Computational Fluid Dynamics & Heat Transfer	7,500.00	24	
3	Robotics	7,500.00	40	
4	Heat and Mass Transfer	7,500.00	34	
5	Computational Methods in fluid and Thermal Engineering	7,500.00	38	
6	Solar Photovoltaic Technology	7,500.00	34	
7	Energy Management	7,500.00	50	
8	Control Theory	7,500.00	28	
	Sub Total Amount in Rs.		270	60,000.00
	Sub: Computer Science and Engineering			
1	Artificial Intelligence	7,500.00	34	
2	Design and Analysis of Algorithms	7,500.00	34	
3	Software Engineering	7,500.00	40	
4	Object Oriented Systems	7,500.00	22	
5	Advanced Programming in C++	7,500.00	47	
6	Mobile Computing	7,500.00	34	
7	Language Technologies on the web	7,500.00	66	
	Sub Total Amount in Rs.		277	52,500.00
	Sub: Chemistry			
1	Chemistry CH 102	7,500.00	15	
	Sub: Physics			
1	Physics PH 103	7,500.00	15	



Sr.No.	Name of Recorded Course	Amount for DVD In Rs.	Qty.	Total Amount
	Sub: Mathematics			
1	Functions of Several Variables	7,500.00	27	
2	Linear Algebra	7,500.00	26	
3	Calculus	7,500.00	38	
	Sub Total Amount in Rs.		121	37,500.00
	Sub: Electrical Engineering			
1	Electrical Machines Analysis & Control EE 656	7,500.00	24	7,500.00
	Sub: Civil Engineering			
1	Structural Analysis	7,500.00	39	
2	Fluid Mechanics	7,500.00	42	
3	Finite Element Methods	7,500.00	28	
4	Engineering Mechanics CE 102	7,500.00	32	
5	Numerical Methods	7,500.00	35	
	Sub Total Amount in Rs		176	37,500.00
	No. of DVDs		1446	
	Grand Total Amount in Rs.			3,30,000.00
	Less discount @ Rs. 20%			66,000.00
	Net Amount in Rs.			2,64,000.00





**Shri Vithal Education & Research Institute's
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E-Journals



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Tel.: 02186-216063, 9503103757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in

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Sr. No.	Name of Activity	Purpose
1	E-Journal	An electronic journal is a periodical publication which is published in electronic format, usually on the Internet. Electronic journals have several advantages over traditional printed journals: You can search the contents pages and/or the full text of journals to find articles on a certain subject.

IEEE Journal Subscription Details

You are signed in as coc@lib03

IEEE Xplore

Scheduled System Maintenance: On Monday, April 20, IEEE Xplore will undergo scheduled maintenance from 1:00-4:00 PM ET. During this time, there may be intermittent impact on performance. We apologize for any inconvenience.

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Access provided by: College of Engineering - Panjabur Sign Out

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Accept & Close



ScienceDirect Journal Subscription Details



The screenshot shows the ScienceDirect homepage. At the top, there is a search bar with fields for 'Keywords', 'Author name', 'Journal/book title', 'Volume', 'Issue', and 'Pages'. Below the search bar is a large banner image of the novel coronavirus. Overlaid on the banner is a text box containing the following message:

The most relevant research on Novel Coronavirus (SARS-CoV-2) and related viruses is available for free on ScienceDirect, and can be downloaded in a machine-readable format for text mining. Alternatively, visit the Elsevier Novel Coronavirus Information Center for general health information and advice.

Below the banner, there is a 'Visit the Information Center >' button. At the bottom of the page, there are links for 'Physical Sciences and Engineering', 'Life Sciences', 'Health Sciences', and 'Social Sciences and Humanities'. On the right side, there are links for 'Activate Windows', 'Go to Settings to activate Windows', and a 'FEEDBACK' button.

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Physical Sciences and Engineering Life Sciences Health Sciences Social Sciences and Humanities

Activate Windows
Go to Settings to activate Windows

FEEDBACK



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Usage of E-Journals by Faculty Members

IEEE Usage Statistics Report

2021
College of Engineering - Pandharpur



User_Activity	Total_Reported_Period	Jan-21	Feb-21	Mar-21							
Page_VIEWS	3,668	924	1,230	1,514							
Visits	406	110	127	169							
SEARCHES_Run (Non-COUNTER)	156	17	20	119							
TOTAL_ITEM_INVESTIGATIONS (Non-COUNTER)	216	45	93	78							
TOTAL_ITEM_REQUESTS (Non-COUNTER)	148	76	30	42							

Total Item Investigations - The total number of times a content item or information related to a content item was accessed.

Total Item Requests - The total number of times the full text of a content item was downloaded or viewed.

Article Request (NON-Counter) - The number of documents requested from the server.

Page Views - The number of pages viewed on a Web site.

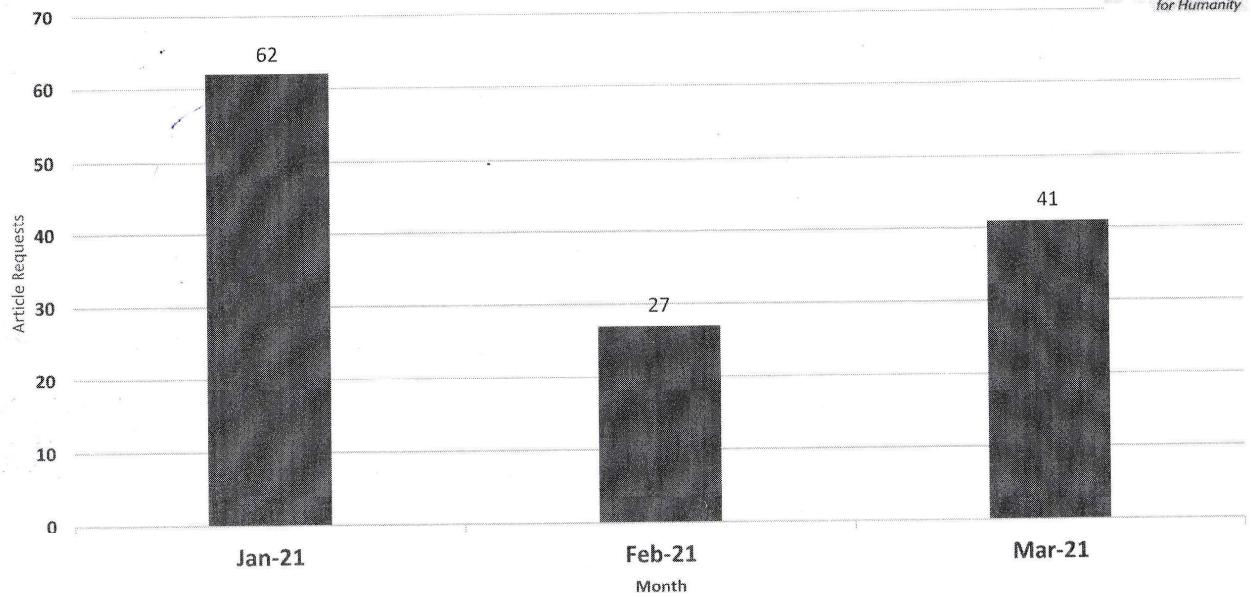
Searches Run - Reports the number of keyword searches performed.

Visits - Represents the number of individual durations of times visitors were on the site accessing a series of pages without 30 minutes of inactivity. A single visitor can account for multiple visits in a single day.

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Do not have an IEEE MPS Usage Statistics account? Click here <https://tinyurl.com/getieeeusageaccount>



IEEE Usage Statistics Trend : 2021



IEEE Usage Statistics Month-Wise Usage Trend by Article Requests

Graph Generated using data in Total Item Requests Table (Page 1)



IEEE Usage Statistics Report

2020
College of Engineering - Pandharpur



Title_Type	Metric_Type	YTD Total	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
Total for All Types	Total_Item_Requests	997	312	155	129	18	1	12	32	79	88	45	34	92
IEEE Conferences	Total_Item_Requests	233	227	2	0	0	0	0	0	3	0	0	0	1
IET Journals	Total_Item_Requests	4	1	0	0	0	0	0	0	0	0	0	3	0
IEEE Journals	Total_Item_Requests	749	79	153	129	18	1	10	32	76	88	44	31	88
Partner Journals	Total_Item_Requests	11	5	0	0	0	0	2	0	0	0	1	0	3

User_Activity	Total_Reported_Period	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
Page_Visits	17,272	3,764	3,807	2,615	266	5	490	584	1,315	1,070	453	584	2319
Visits	1,546	390	361	219	18	1	56	69	91	116	45	49	131
Searches_Run_(Non-COUNTER)	1,100	334	214	137	18	1	12	34	85	89	45	34	97
Total_Item_Investigations_(Non-COUNTER)	1,220	299	329	211	5	0	41	47	66	58	40	37	87
Total_Item_Requests_(Non-COUNTER)	841	175	210	160	33	0	33	21	16	24	15	47	107

Total Item Investigations - The total number of times a content item or information related to a content item was accessed.

Total Item Requests - The total number of times the full text of a content item was downloaded or viewed.

Article Request (NON-Counter) - The number of documents requested from the server.

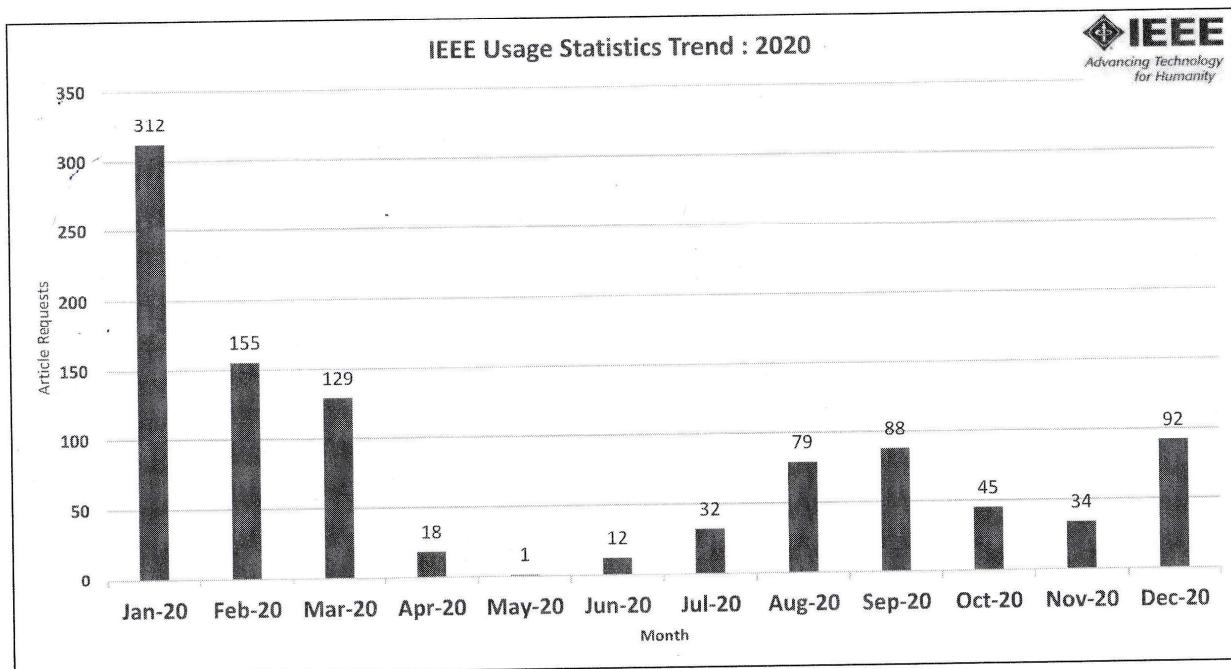
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Searches Run - Reports the number of keyword searches performed.

Visits - Represents the number of individual durations of times visitors were on the site accessing a series of pages without 30 minutes of inactivity. A single visitor can account for multiple visits in a single day.

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Do not have an IEEE MPS Usage Statistics account? Click here <https://tinyurl.com/getieeeusageaccount>





IEEE Usage Statistics Month-Wise Usage Trend by Article Requests

Graph Generated using data in Total Item Requests Table (Page 1)



IEEE Usage Statistics Report

2019
College of Engineering - Pandharpur



Title_Type	Metric_Type	YTD Total	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Total for All Types	Total_Item_Requests	6,088	177	502	529	499	143	354	752	1,061	817	584	426	244
IET Conferences	Total_Item_Requests	21	0	7	2	2	1	0	1	1	0	3	3	1
IEEE Conferences	Total_Item_Requests	4,590	86	374	370	405	125	245	552	839	580	467	334	213
Partner Conferences	Total_Item_Requests	2	0	0	0	0	0	0	1	1	0	0	0	0
IET Journals	Total_Item_Requests	31	2	1	0	3	1	0	3	3	5	6	7	0
IEEE Journals	Total_Item_Requests	1,419	86	116	155	85	16	109	191	216	229	108	79	29
Partner Journals	Total_Item_Requests	22	3	4	2	4	0	0	4	1	2	0	2	0
IEEE Standards	Total_Item_Requests	3	0	0	0	0	0	0	0	0	1	0	1	1

User_Activity	Total_Reported_Period	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Page_VIEWS	40,294	2,440	4,154	4,631	3,647	675	1,986	5,080	6,247	4,303	3,523	2318	1290
Visits	4,057	321	399	539	374	118	187	509	482	381	342	231	174
Searches_Run (Non-COUNTER)	6,376	181	504	544	540	143	359	760	1,066	841	674	494	270
Total_Item_Investigations (Non-COUNTER)	3,754	229	385	472	430	53	180	475	540	357	329	196	108
Total_Item_Requests (Non-COUNTER)	2,143	103	119	241	145	57	108	370	425	200	175	138	62

Total Item Investigations - The total number of times a content item or information related to a content item was accessed.

Total Item Requests - The total number of times the full text of a content item was downloaded or viewed.

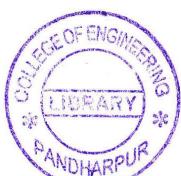
Article Request (NON-Counter) - The number of documents requested from the server.

Page Views - The number of pages viewed on a Web site.

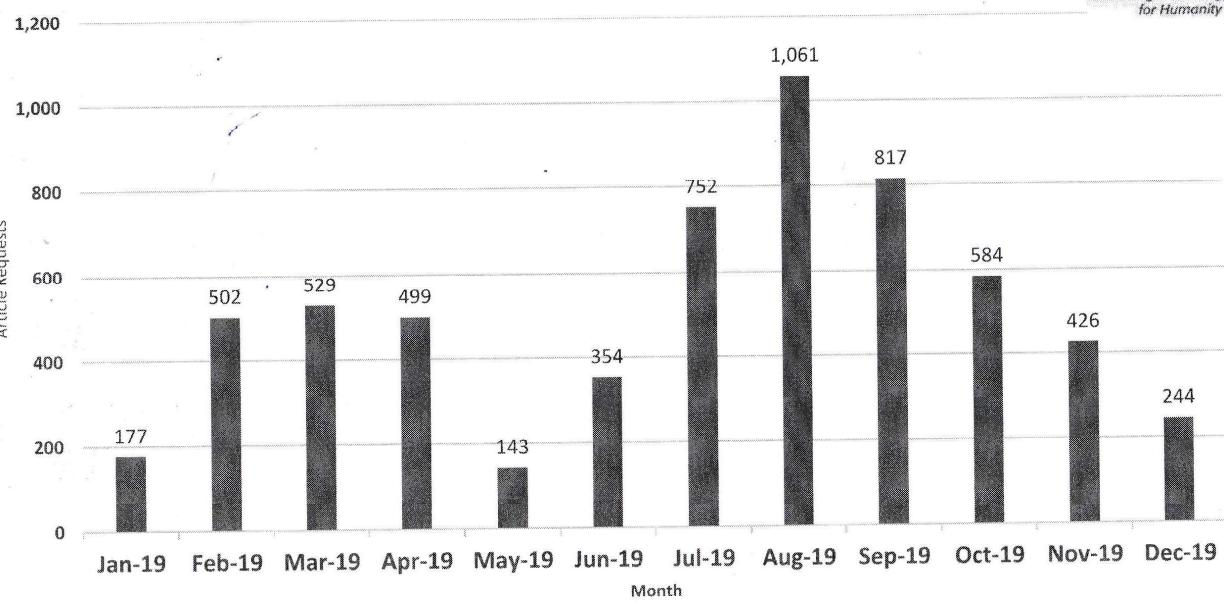
Searches Run - Reports the number of keyword searches performed.

Visits - Represents the number of individual durations of times visitors were on the site accessing a series of pages without 30 minutes of inactivity. A single visitor can account for multiple visits in a single day.

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IEEE Usage Statistics Trend : 2019



IEEE Usage Statistics Month-Wise Usage Trend by Article Requests

Graph Generated using data in Total Item Requests Table (Page 1)



IEEE Usage Statistics Report

2018
College of Engineering - Pandharpur



Title_Type	Metric_Type	YTD Total	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
Total for All Types	Total_Item_Requests	6,012	110	189	152	169	43	120	378	340	177	299	3,296	739
IET Conferences	Total_Item_Requests	3	0	0	2	1	0	0	0	0	0	0	0	0
IEEE Conferences	Total_Item_Requests	82	2	9	9	7	4	2	13	14	4	16	1	1
IET Journals	Total_Item_Requests	11	0	0	2	5	0	0	1	0	1	1	0	1
IEEE Journals	Total_Item_Requests	5,846	108	177	137	150	36	118	363	323	171	281	3245	737
Partner Journals	Total_Item_Requests	70	0	3	2	6	3	0	1	3	1	1	50	0

User_Activity	Total_Reported_Period	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
Page_VIEWS	65,770	1,957	2,372	5,759	5,264	728	3,656	6,947	10,906	8,635	7,251	8573	3722
Visits	4,674	286	307	435	373	85	246	486	694	579	626	322	235
Searches_Run (Non-COUNTER)	6,922	112	193	155	192	65	142	984	358	183	337	3309	892
Total_Item_Investigations (Non-COUNTER)	5,944	297	357	447	538	68	332	745	1,038	831	942	171	178
Total_Item_Requests (Non-COUNTER)	1,574	75	67	80	205	21	96	147	259	139	288	96	101

Total Item Investigations - The total number of times a content item or information related to a content item was accessed.

Total Item Requests - The total number of times the full text of a content item was downloaded or viewed.

Article Request (NON-Counter) - The number of documents requested from the server.

Page Views - The number of pages viewed on a Web site.

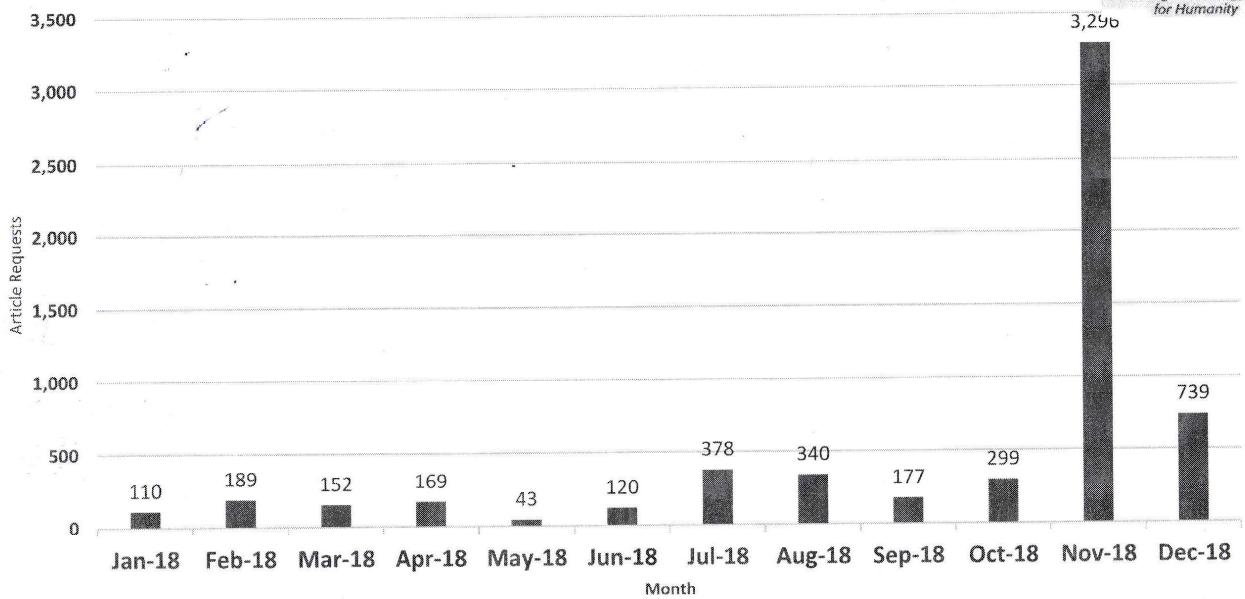
Searches Run - Reports the number of keyword searches performed.

Visits - Represents the number of individual durations of times visitors were on the site accessing a series of pages without 30 minutes of inactivity. A single visitor can account for multiple visits in a single day.



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IEEE Usage Statistics Trend : 2018



IEEE Usage Statistics Month-Wise Usage Trend by Article Requests

Graph Generated using data in Total Item Requests Table (Page 1)





Satyawan Anpat <snanpat@coe.sveri.ac.in>

Fwd: Usage Report for NBA visit purpose Shri Vithal Education & Research Institute's College of Engineering,

Girish Kulkarni <girish@gist.in>
 To: "snanpat@coe.sveri.ac.in" <snanpat@coe.sveri.ac.in>
 Cc: "smbagal@coe.sveri.ac.in" <smbagal@coe.sveri.ac.in>, "satyawan9166@gmail.com" <satyawan9166@gmail.com>

Fri, Feb 28, 2020 at 1:52 PM

With Regds
 Girish Kulkarni
 GIST
 Get Outlook for Android

From: Turan, Garima (ELS-DEL) <g.turan@elsevier.com>
Sent: Friday, February 28, 2020 1:49:56 PM
To: Girish Kulkarni <girish@gist.in>; Trikha, Lavanya (ELS-DEL) <l.trikha@elsevier.com>
Subject: RE: Usage Report for NBA visit purpose Shri Vithal Education & Research Institute's College of Engineering,

Hi Girish,

Please check below their usage for the said years.

Full text downloads	January	February	March	April	May	June	July	August	September	October	November	December	Total
2020	397												
2019	506	665	1486	443	247	453	719	826	480	568	525	260	7178
2018	379	382	1110	716	328	505	864	982	690	1638	32915	166	40675
2017	273	1055	1077	928	131	192	662	658	1286	555	14512	25553	46882

Thank you

Garima Turan

From: Girish Kulkarni <girish@gist.in>
Sent: Friday, February 28, 2020 11:55 AM
To: Turan, Garima (ELS-DEL) <g.turan@elsevier.com>; Trikha, Lavanya (ELS-DEL) <l.trikha@elsevier.com>
Subject: FW: Usage Report for NBA visit purpose Shri Vithal Education & Research Institute's College of Engineering,

*** External email: use caution ***

Please do the needful urgently

Regds

Girish

From: Satyawan Anpat <snanpat@coe.sveri.ac.in>
Sent: 28 February 2020 10:28
To: Girish Kulkarni <girish@gist.in>
Subject: Usage Report for NBA visit purpose



Respected sir/madam,

we are subscriber Elsevier science direct E-Journals for last 8 years so far we want to need to usage report for the NBA visit purpose

03/05/2021 College of Engineering, SVERI Pandharpur Mail - Fwd: Usage Report for NBA visit purpose Shri Vithal Education & Research Institute's...

We request you to mail us our usage report of science direct E JOURNALS FOR THE YEAR January2017 to January .2020 immediately there is any new s

We Waiting for your urgent response from your side.

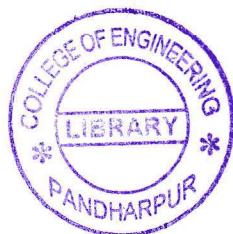
Thanking you,

Yours faithfully,

Mr. Satish N. Anpat

B.A., B.Lib.& I.Sc.
Library Assistant,
Shri Vithal Education & Research Institute's College of Engineering,

Pandharpur 413 304 Dist. Solapur M.S.
Contact No. 9503103753
email: snanpat@coe.sveri.ac.in





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

CD/DVD of BOOK



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)

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Accredited by the Institute of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute



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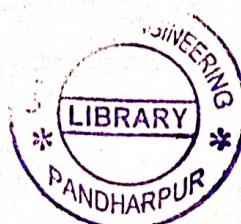


Sr. No.	Name of Activity	Purpose
1	CD/DVD of Book	DVD (digital video disc) is a technology based on optical data storage similar to compact disc (CD). Optical data storage is a method of storing digital information (1's and 0's) by using light to read the information. Analog information is converted into digital information, which is then encoded onto the disc from the inside edge out. Digital data are encoded by means of pits on the recording layer of the disc.

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LIST OF CD/DVD'S

Sr.No.	Name of CD/DVD	Price In Rs.	Qty.	Total Amount In Rs.
36	Adobe Photoshop 5.5 Basic Intermediate	199	01	199.00
37	MS Power Point 2000 Basic	199.00	01	199.00
38	MS Power Point 2000 Advanced	199.00	01	199.00
39	MS Power Point 2000 Intermediate	199.00	01	199.00
40	Lotus Organizers	199.00	01	199.00
41	MS Outlook 2000 Level- 1	199.00	01	199.00
42	MS Outlook 2000 Level- 2	199.00	01	199.00
43	Corel Draw – 9 Level-2	199.00	01	199.00
44	Corel Draw – 9 Level-3	199.00	01	199.00
45	Oracle 8 I SQL Plus Level-1	199.00	01	199.00
46	Oracle 8 I SQL Plus Level-2	199.00	01	199.00
47	MS Excell 2000 Intermediate	199.00	01	199.00
48	MS FrontPages 2000 Level -1	199.00	01	199.00
49	MS FrontPages 2000 Level -2	199.00	01	199.00
50	Oracle 8 I Graphics Builder	199.00	01	199.00
51	HTML / DHTML	199.00	01	199.00
52	Internet Explorer 5.0	199.00	01	199.00
53	MS Word 2000 -Intermediate	199.00	01	199.00
54	MS Project 98- Level- 2	199.00	01	199.00
55	Netscape Communication 4.7	199.00	01	199.00
56	Ms Access 2000 Basic	199.00	01	199.00
57	Ms Excel 2000 –Basic	199.00	01	199.00
58	Ms Excel 2000- Advanced	199.00	01	199.00
59	Ms Access 2000- Intermediate	199.00	01	199.00
60	Ms Word 2000-Advanced	199.00	01	199.00
61	Ms Word 2000-Basic	199.00	01	199.00
62	MS Excell 2000 Intermediate	199.00	01	199.00
	Total:	62		17,738.00
	Less Discount@20%			3,548.00
	Net Amount Payable in Rs.			14,190.00



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LIST OF CD/DVD'S
Supplier: Ashwamedh Software Solutions, Pune

Sr.No.	Name of CD/DVD	Price In Rs.	Qty.	Total Amount In Rs.
1.	Digital Electronics	699.00	1	699.00
2.	Linear Electronics	699.00	1	699.00
3.	File structures and database concepts	699.00	1	699.00
4.	Data Communication and Networking	699.00	1	699.00
5.	Data Structures and Algorithms	699.00	1	699.00
6.	Software Engineering	699.00	1	699.00
7.	Advanced JAVA	699.00	1	699.00
8.	Mechatronics	699.00	1	699.00
9.	CNC Programming	699.00	1	699.00
Total:			09	6,291.00



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LIST OF CD ROMS
Supplier: Masurkar Enterprises, Mumbai

Sr.No.	Title of CD ROMs	Price per qty.	Qty.	Total Amount
Sub: Personality Development				
1.	Effective Communications	499	01	499
2.	Decision Making	499	01	499
3.	Presentation Skill	499	01	499
4.	Positive Thinking	499	01	499
5.	Business Correspondence	499	01	499
6.	Interviewing Skills	499	01	499
7.	Business Etiquettes	499	01	499
8.	Business Reports	499	01	499
9.	Conflict Management	499	01	499
10.	Change Management	499	01	499
11.	Customer Relationship Management	499	01	499
12.	Ethics in Business	499	01	499
13.	Inventory Management	499	01	499
14.	Managing for Results	499	01	499
15.	Negotiation Skills	499	01	499
16.	Peoples skills for Executives	499	01	499
17.	Successful Marketing for Executives	499	01	499
18.	Managing the sales	499	01	499
19.	Personality Development Etiquettes	499	01	499
Total:			19	9,481.00
Supplier: Mehta Book Sellers, Kolhapur				
Sub: Computer Science and Engineering				
01	Embedded Systems Part I-IV	550.00	04	550.00
02	Data Structures Part I-IV	550.00	04	550.00
03	C ++ Programming Part I-IV	1,000.00	04	1,000.00
04	C Programming Part I-V	550.00	05	550.00
05	Java Programming CD	550.00	01	550.00
06	Advanced VB Net	550.00	01	550.00
07	VB Net Programming	550.00	01	550.00
Total:			20	4,300.00



LIST OF CD/DVD'S
Suppliers: Quality Book Distributors, Jalgaon

Sr.No.	Name of CD/DVD	Price In Rs.	Qty.	Total Amount In Rs.
01	Negotiation skill	499.00	01	499.00
02	Peoples Skills for Executives	499.00	01	499.00
03	Managing Executives Stress	499.00	01	499.00
04	Creative Thinking	499.00	01	499.00
05	Inventory Management	499.00	01	499.00
06	Change Management	499.00	01	499.00
07	Developing Successful Global Joint	499.00	01	499.00
08	Making Meetings Work	499.00	01	499.00
09	Conflict Management	499.00	01	499.00
10	Managing the Salesman and Sales	499.00	01	499.00
11	Business Correspondence	499.00	01	499.00
12	Business Etiquettes	499.00	01	499.00
13	Time Management	499.00	01	499.00
14	Successful Marketing for Executives	499.00	01	499.00
15	Team Building	499.00	01	499.00
16	Business Reports	499.00	01	499.00
17	Telephone Skills	499.00	01	499.00
18	Cross Culture Orientation	499.00	01	499.00
19	MS Windows 2000 Server Level 1	199.00	01	199.00
20	MS Windows 2000 Server Level 2	199.00	01	199.00
21	MS Windows 2000 Server Level 3	199.00	01	199.00
22	MS Windows 2000 Server Level 4	199.00	01	199.00
23	MS Windows 2000 Server Level 5	199.00	01	199.00
24	MS Windows 2000 Server Level 6	199.00	01	199.00
25	MS Windows 2010 Professional Ad.	199.00	01	199.00
26	MS Windows 2010 Professional Intermediate	199.00	01	199.00
27	Oracle 8 I DB A Level -1	199.00	01	199.00
28	Oracle 8 I DB A Level -2	199.00	01	199.00
29	Oracle 8 I DB A Level -3	199.00	01	199.00
30	Oracle 8 I DB A Level -4	199.00	01	199.00
31	Oracle 8 I forms - Level - 1	199.00	01	199.00
32	Oracle 8 I forms - Level - 2	199.00	01	199.00
33	Oracle 8 I forms - Level - 3	199.00	01	199.00
34	Adobe Photoshop 5.5 Basic	199.00	01	199.00
35	Adobe Photoshop 5.5 Basic Advanced	199.00	01	199.00



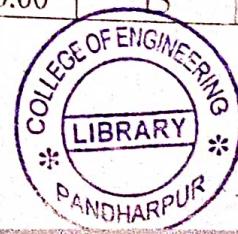
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LIST OF CD ROMS

Supplier: RECORDED VIDEO COURSES FROM IIT, Mumbai

Sr.No.	Name of Recorded Course	Amount for DVD In Rs.	Qty.	Total Amount
Sub: Electronics Engineering				
1	Power Electronics	7,500.00	49	
2	Broad Band Networks	7,500.00	32	
3	Transmission Lines & Waves	7,500.00	38	
4	Wavelets EE678	7,500.00	35	
5	Information Theory & Coding	7,500.00	39	
6	Digital Communication	7,500.00	32	
7	Control Engineering	7,500.00	46	
8	DSP & Its Application EE603	7,500.00	38	
9	Fiber Optics EE606	7,500.00	33	
10	Electronics Design CS212	7,500.00	30	
11	Signal & Systems	7,500.00	66	
12	Electronics{EE004}	7,500.00	24	
13	Introduction to DSP	7,500.00	37	
14	Statistical Signal Analysis	7,500.00	33	
15	Image Processing	7,500.00	28	
16	Digital VLSI Design	7,500.00	18	
Sub Total Amount in Rs.			578	1,20,000
Sub: Mechanical Engg.				
1	Advanced Strength of Materials	7,500.00	22	
2	Computational Fluid Dynamics & Heat Transfer	7,500.00	24	
3	Robotics	7,500.00	40	
4	Heat and Mass Transfer	7,500.00	34	
5	Computational Methods in fluid and Thermal Engineering	7,500.00	38	
6	Solar Photovoltaic Technology	7,500.00	34	
7	Energy Management	7,500.00	50	
8	Control Theory	7,500.00	28	
Sub Total Amount in Rs.			270	60,000.00
Sub: Computer Science and Engineering				
1	Artificial Intelligence	7,500.00	34	
2	Design and Analysis of Algorithms	7,500.00	34	
3	Software Engineering	7,500.00	40	
4	Object Oriented Systems	7,500.00	22	
5	Advanced Programming in C++	7,500.00	47	
6	Mobile Computing	7,500.00	34	
7	Language Technologies on the web	7,500.00	66	
Sub Total Amount in Rs.			277	52,500.00
Sub: Chemistry				
1	Chemistry CH 102	7,500.00	15	
Sub: Physics				
1	Physics PH 103	7,500.00	15	



Sr.No.	Name of Recorded Course	Amount for DVD In Rs.	Qty.	Total Amount
	Sub: Mathematics			
1	Functions of Several Variables	7,500.00	27	
2	Linear Algebra	7,500.00	26	
3	Calculus	7,500.00	38	
	Sub Total Amount in Rs.		121	37,500.00
	Sub: Electrical Engineering			
1	Electrical Machines Analysis & Control EE 656	7,500.00	24	7,500.00
	Sub: Civil Engineering			
1	Structural Analysis	7,500.00	39	
2	Fluid Mechanics	7,500.00	42	
3	Finite Element Methods	7,500.00	28	
4	Engineering Mechanics CE 102	7,500.00	32	
5	Numerical Methods	7,500.00	35	
	Sub Total Amount in Rs		176	37,500.00
	No. of DVDs		1446	
	Grand Total Amount in Rs.			3,30,000.00
	Less discount @ Rs. 20%			66,000.00
	Net Amount in Rs.			2,64,000.00

