

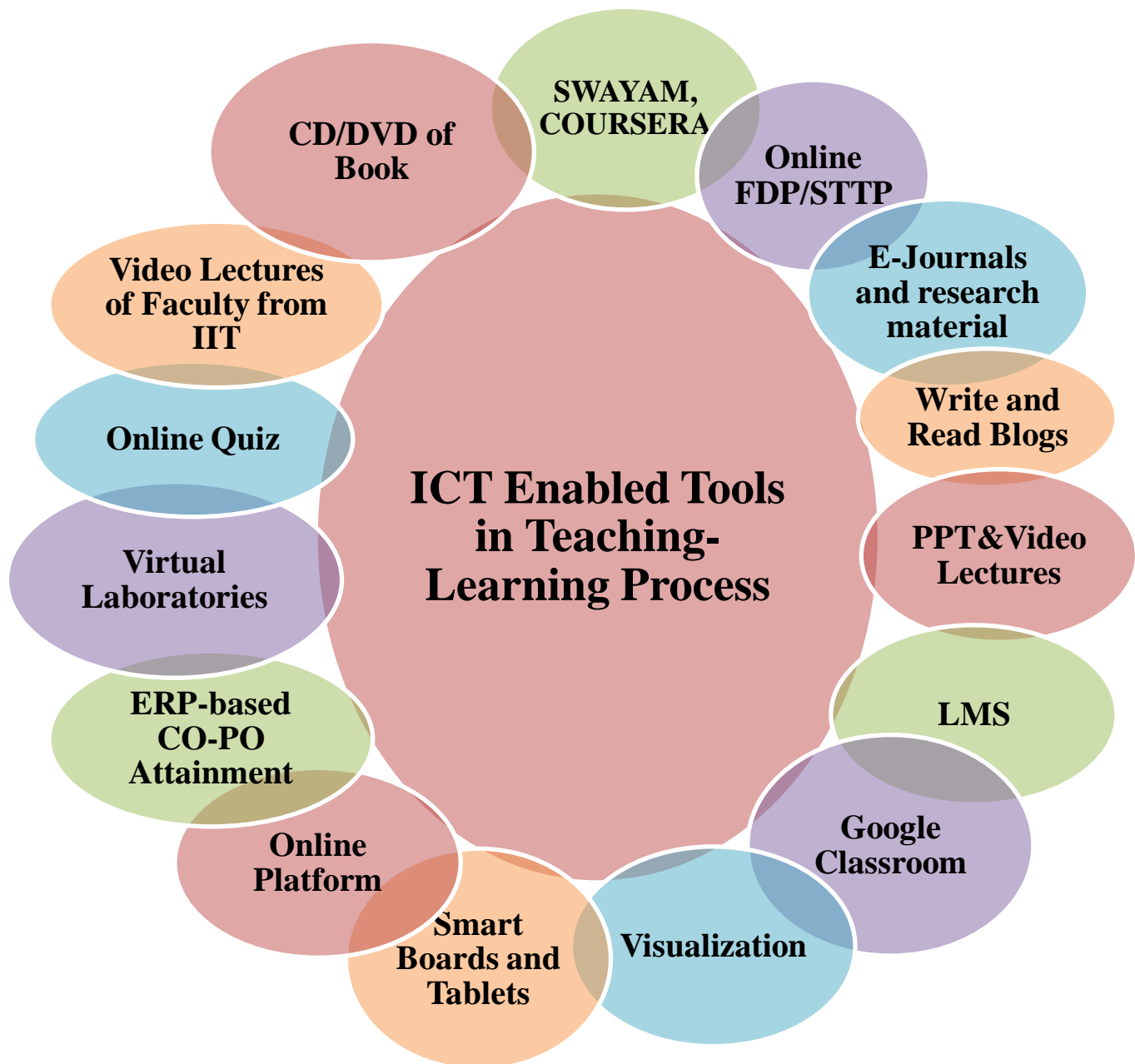


**Shri Vithal Education & Research Institute's**  
**College of Engineering, Pandharpur**

## **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**

<b>Sr. No.</b>	<b>Tools</b>
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
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**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](mailto:coe@sveri.ac.in), Website: [www.sveri.ac.in](http://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



www.tuv.com  
ID: 9105048196

Sr. No.	Name of Activity	Purpose
1	Swayam Courses	NPTEL is a curriculum building exercise and is directed towards providing learning materials in Science and Engineering. 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.
2	FDP	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
3	STTP	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.



**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

*B. Ronge*

(Dr.B.P.Ronge)  
Principal



## 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

HomeDownloadsFee waiverBulk PaymentMentorsNPTEL starsLogout



CHETAN  
CHANDRAKANT  
JADHAV  
SVET'S COLLEGE OF  
ENGINEERING

SPOC Timeline

SPoC Conference Support  
Request

LC Profile Changes Request

Manage College and SPOC Profile

College ProfileSPOC ProfileReq LetterAck Letter

College Profile

College Address

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

SOLAPUR

MAHARASHTRA

Contact No: 9503103737

Alternate No: 0

College Id : 2522





Shri Vitthal 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/201849/02/66(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. P. Ronge*  
(Dr. B. P. Ronge)

4/12/18 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**

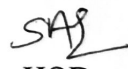
Sr.No.	Name of Student	Subject Name	Week	Score
1	Dr. Abhay Arun Utpat	Fundamentals of Manufacturing Process	12	78% Elite + silver
2	Prof. Avinash Kailas Parkhe	Fundamentals of Manufacturing Process	12	51% Successfully Completed
3	Prof. Bhaskar Dhondi Gaikwad	Fundamentals of Manufacturing Process	12	76% 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 NITTT 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



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





# 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](mailto:nittt@nta.ac.in)

Helpline: 011-40759000




Ministry of Education  
Government of India



NATIONAL TESTING AGENCY  
Excellence in Assessment

NATIONAL INITIATIVE FOR TECHNICAL TEACHERS TRAINING (NITTT-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 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.
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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](mailto:nittt@nta.ac.in)

Helpline: 011-40759000

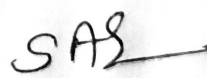


**Shri Vithal Education & Research Institute's**  
**College of Engineering, Pandharpur**

# **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 (Coursers)
		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'

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



10	Prof. S. Y. Salunkhe	Sequences, Time Series and Prediction
11	Prof. A. K. Parkhe	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 "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".
12	/Prof. P. K. Patil	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 strategies and skill".
		Completed online course through Coursera on "Intelligent Machining".
		Completed online course through Coursera on "Digital Thread: Component".
13	Prof. V. R. Chavan	Completed online course through Coursera on "Digital Manufacturing and Design".
		Completed online course through Coursera on "Introduction to Thermodynamics: Transferring Energy from here to there".
		Completed online course through Coursera on "Create informative session through google slides".
14	Prof. C. C. Jadhav	Coursera - Solar Energy Basics
		Coursera - Engineering Project Management: Initiating and Planning
		Coursera - Innovating with the Business Model Canvas
15	Prof. P.A. Dhawale	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
16	Prof. D.D. Ronge	Introduction to Project Management
17	Prof. R. D. Solage	Digital Manufacturing & Design
		Completed course on Coursera 'Introduction to IoT'
		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".
18	Prof. U. L. Anuse	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
		Successful Presentation
23	Prof. B. D. Gaikwad	Completed Coursera Course on Psychological First Aid
		Completed Coursera Course on Inroduction 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

SAB

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

A handwritten signature in black ink that reads "Neal Abrams".

Neal Abrams  
Associate Professor

## COURSE CERTIFICATE



Verify at [coursera.org/verify/4SMY7KK98K3D](https://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

*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**



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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 Aplication	13 June 2020 to 18 June 2020	1Week
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 oportunities 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.Pharaake	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

15<sup>th</sup> – 20<sup>th</sup> 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 15<sup>th</sup> – 20<sup>th</sup> June, 2020.

**D. KIRAN PRASAD**  
Co-ordinator

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

**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 8<sup>th</sup>-12<sup>th</sup> 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"> <li>1. Dr. KusumKumariBharati (Prof. IIITDM Jabalpur),</li> <li>2. Dr. Nimita Mittal and Dr. Satyandra Singh Chouhan (Prof. MNIT Jaipur),</li> <li>3. D. M. P. Singh (Prof. NIT, Patna)</li> </ol>
2019-20	Advances and Research Opportunities in ENTC Engineering	42	10/06/2020 to 14/06/2020	<ol style="list-style-type: none"> <li>1. Mr. Sanjay Jogalekar (Founder, KanaadElectromation Solutions Pvt. Ltd.)</li> <li>2. Mr. SudarshanNatu(MD, Nital Computer Systems Pvt. Ltd.)</li> <li>3. Dr. AkashGandhmal (Technical Lead, Applied Material, Bengaluru)</li> <li>4. Dr. ShrinivasMahajan (Professor, College of Engineering, Pune)</li> <li>5. Dr. D.T. Ingole (Director, Innovation, Incubation and Linkages SGBAU, Amaravati)</li> </ol>
2019-20	Blockchain in DevOps: Implementing Transparent Continuous Delivery	50	04/08/2020 to 09/08/2020	<ol style="list-style-type: none"> <li>1. Mr.AshokRanade (B.E.IIT Bombay)George Brown College Program Advisor Canada, Blockchain Developer Certificate.</li> <li>2. Mr.AtulMarathe (B.E.IIT Bombay)Technical Vice-president, Persistent Systems, Pune.</li> <li>3. Mr.PrakshDeshmukh (B.E. CoE,Pune)DevOps Competency Lead, IBM Pune.</li> <li>4. Mr.KiranVaidya(MCA Pune University,Pune) Management Consultant Toronto Hydro- Canada</li> <li>5. Mr. Edward Buchi (Certified Blockchain Professional)Co-Founder &amp; Director, Bitcoin Bay Corp. Canada</li> <li>6. Mr.IshanSrivastava (Visiting Faculty BVCA, Beijing China )Professor, FenTech / Seneca College, Canada.</li> <li>7. Blockchain Developer @ Bitcoin Bay Corp, Canada</li> </ol>

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



Shri Vitthal 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 **01<sup>st</sup> June** to **06<sup>th</sup> June, 2020** Organized by **Department of Mechanical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.**

(Prof. S. B. Bhosale)  
**FDP Coordinator**

(Dr. S. S. Wangikar)  
**Convenor**

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



Shri Vitthal Education and Research Institute's

# College of Engineering, Pandharpur

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- Accredited by The Institution of Engineers (India) & Tata Consultancy Services (TCS) • ISO 9001 : 2015 Certified Institute



A One Week STTP Hands on CATIA V5 Software




## Certificate




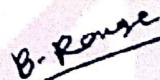
This is to certify that,

Prof./Dr. Jadhav Shashikant S.

has attended a one-week STTP on "Hands on CATIA V5 software" during 16<sup>th</sup> to 21<sup>st</sup> 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 Vitthal 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 **01<sup>st</sup> June** to **06<sup>th</sup> June, 2020** Organized by **Department of Mechanical Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.**

A handwritten signature in blue ink, reading 'S. B. Bhosale'.

(Prof. S. B. Bhosale)  
**FDP Coordinator**

A handwritten signature in blue ink, reading 'S. S. Wangikar'.

(Dr. S. S. Wangikar)  
**Convenor**

A handwritten signature in blue ink, reading '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](mailto:coe@sveri.ac.in), Website: [www.sveri.ac.in](http://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



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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](mailto:akparkhe@coe.sveri.ac.in) ▾

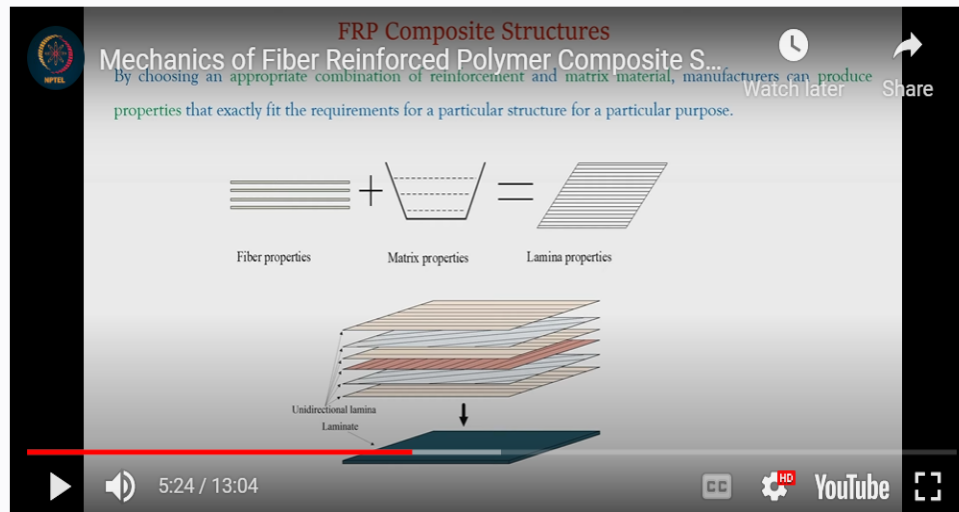
Courses >

### Mechanics of Fiber Reinforced Polymer Composite Structures

By Prof. Debabrata Chakraborty | IIT Guwahati

Join

Learners enrolled: 663



### 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 :	◦ Advanced Mechanics
Credit Points :	3
Level :	Undergraduate/Postgraduate

## 2.YouTube Platform



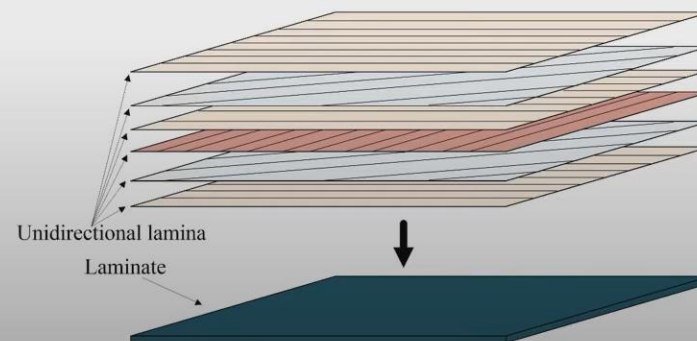
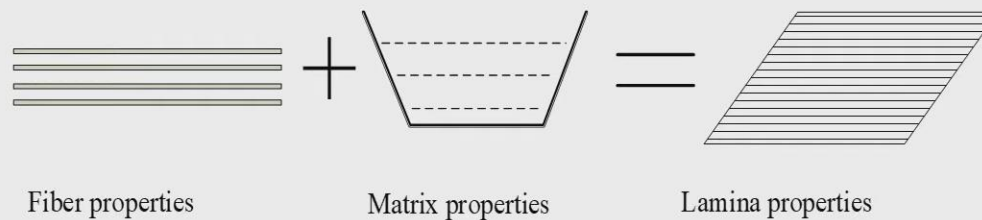
### FRP Composite Structures

Mechanics of Fiber Reinforced Polymer Composite Structures [Intro Video]



Watch later Share

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.



5:24 / 13:04



YouTube





# Experimental Stress Analysis \_ Introduction Video

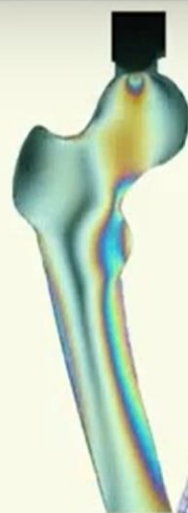
## OVERVIEW OF EXPERIMENTAL STRESS ANALYSIS



Watch later



Share



2D model of h



é in a fan



Caustics se

Slope



0:18 / 4:13

Caustics se

Prof. ...h, IIT Madras, Ch



YouTube





### 3. Virtual LAB Platform



An MHRD Govt of India Initiative





STUDENTS ONLINE  
LABORATORY  
THROUGH VIRTUAL  
EXPERIMENTATION  
THE VIRTUAL LAB  
@ NITK

## 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

Vector	Value (mm/s)
$V_a$	50.00
$V_{ea}$	4.87
$V_c$	66.51
$V_d$	-66.45
$V_{cd}$	3.24



Velocity Diagram (Scale = 1:0.8)

E is the point on link BC whereas A is the point on the slider.  
 $V_{ea}$  : Velocity of E wrt A  
 $A_{dc}$  : Acceleration of D wrt C

Copyright © SOLVE The Virtual Lab @ NITK Surathkal

#### VARIABLES

OA: 50  
BC: 200  
CD: 40  
Input Angle(°): 55  
 $\omega_2$  (rad/s): 1

#### CONTROLS

Pause (II) and Reset (circular arrow) buttons.

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## MECHANICS OF MACHINE LAB

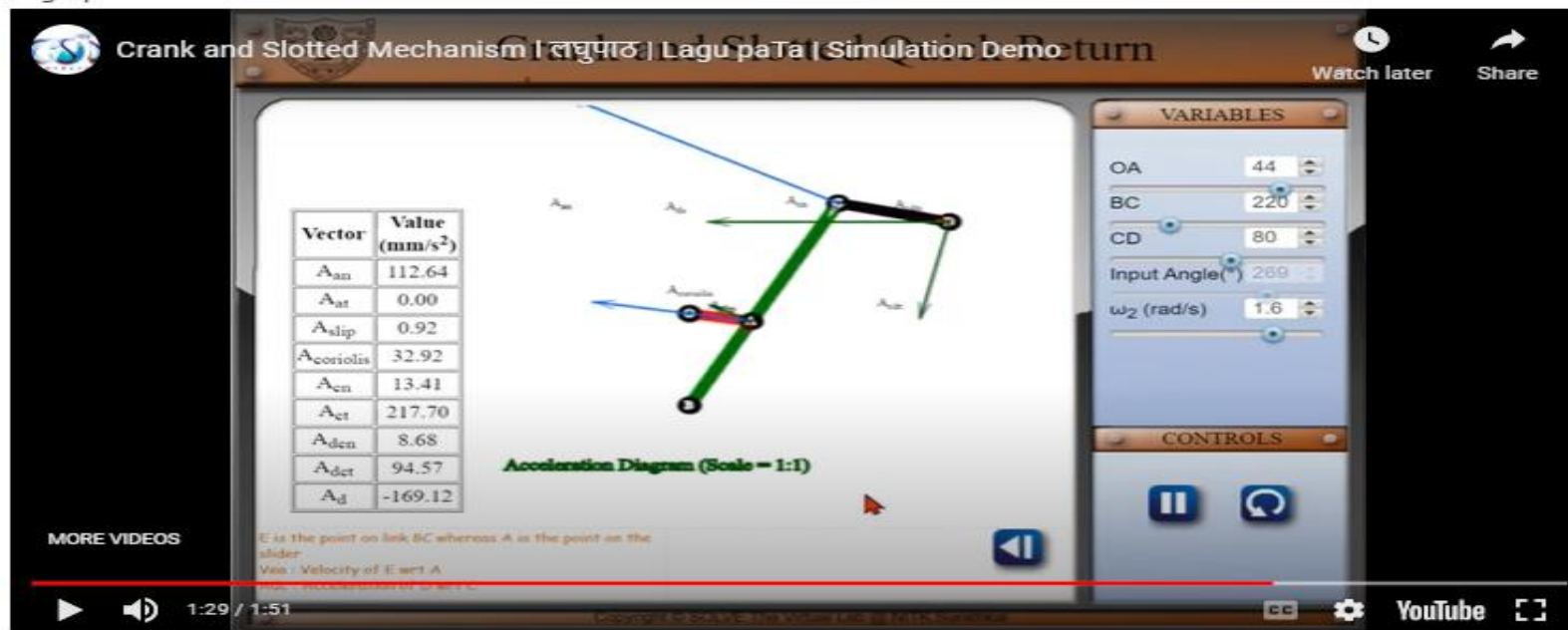
Home > Mechanics of Machines Lab > Crank and Slotted Mechanism

### Crank and Slotted Mechanism

[THEORY](#) [PROCEDURE](#) [SELF EVALUATION](#) [SIMULATION](#) [ASSIGNMENT](#) [QUIZ](#) [VIDEOS](#) [REFERENCES](#) [FEEDBACK](#)

#### Videos

Lagu paTa:

 Crank and Slotted Mechanism | लघु पाठा | Lagu paTa | Simulation Demo

Watch later Share

Vector	Value (mm/s <sup>2</sup> )
A <sub>an</sub>	112.64
A <sub>at</sub>	0.00
A <sub>slip</sub>	0.92
A <sub>coriolis</sub>	32.92
A <sub>cn</sub>	13.41
A <sub>ct</sub>	217.70
A <sub>den</sub>	8.68
A <sub>dct</sub>	94.57
A <sub>d</sub>	-169.12

Acceleration Diagram (Scale = 1:1)

Variables:

- OA: 44
- BC: 220
- CD: 80
- Input Angle(°): 269
- $\omega_2$  (rad/s): 1.6

Controls:

More Videos

E is the point on link BC whereas A is the point on the slider.  
Vas : Velocity of E wrt A




1:29 / 1:51

YouTube



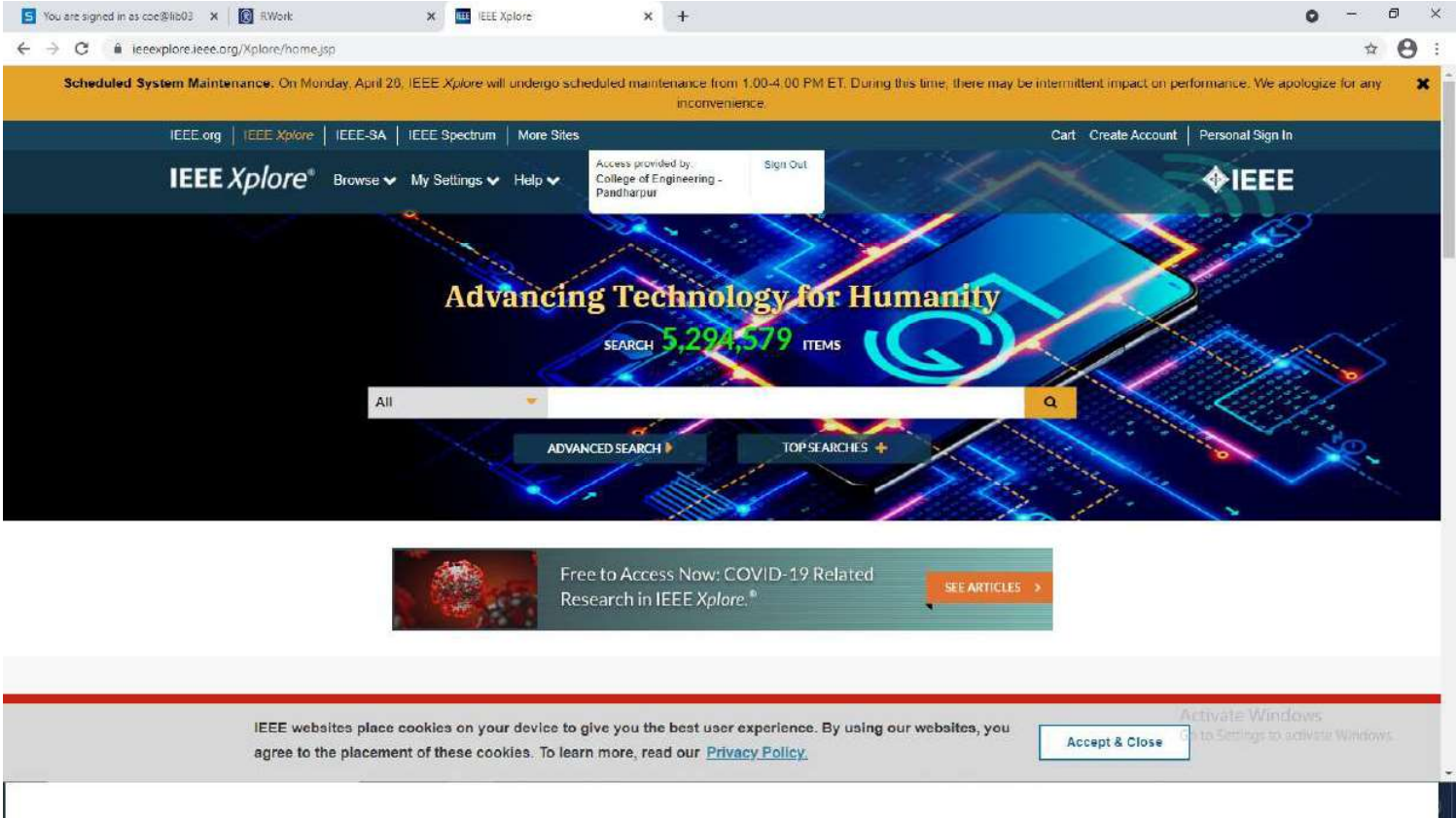
**Shri Vithal Education & Research Institute's**  
**College of Engineering, Pandharpur**

# **E-Journals**

	<p>SHRI VITHAL EDUCATION &amp; RESEARCH INSTITUTE's  <b>COLLEGE OF ENGINEERING, PANDHARPUR</b>  P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)  Tel.: 02186-216063, 9503103757, E-mail : <a href="mailto:coe@sveri.ac.in">coe@sveri.ac.in</a>, Website: <a href="http://www.sveri.ac.in">www.sveri.ac.in</a>  (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</p> <div style="text-align: right;">  <div style="display: inline-block; vertical-align: top;"> ISO 9001:2015    <small>www.tuv.com ID 9105048196</small> </div> </div>
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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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**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



Title_Type	Metric_Type	YTD Total	Jan-21	Feb-21	Mar-21								
Total for All Types	Total_Item_Requests	130	62	27	41								
IEEE Conferences	Total_Item_Requests	3	0	3	0								
IEEE Journals	Total_Item_Requests	125	62	24	39								
Partner Journals	Total_Item_Requests	2	0	0	2								

User_Activity	Total_Reporting_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.

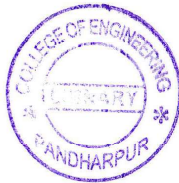
**Total Item Requests** - The total number of times the full text of a content item was downloaded or viewed.

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

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

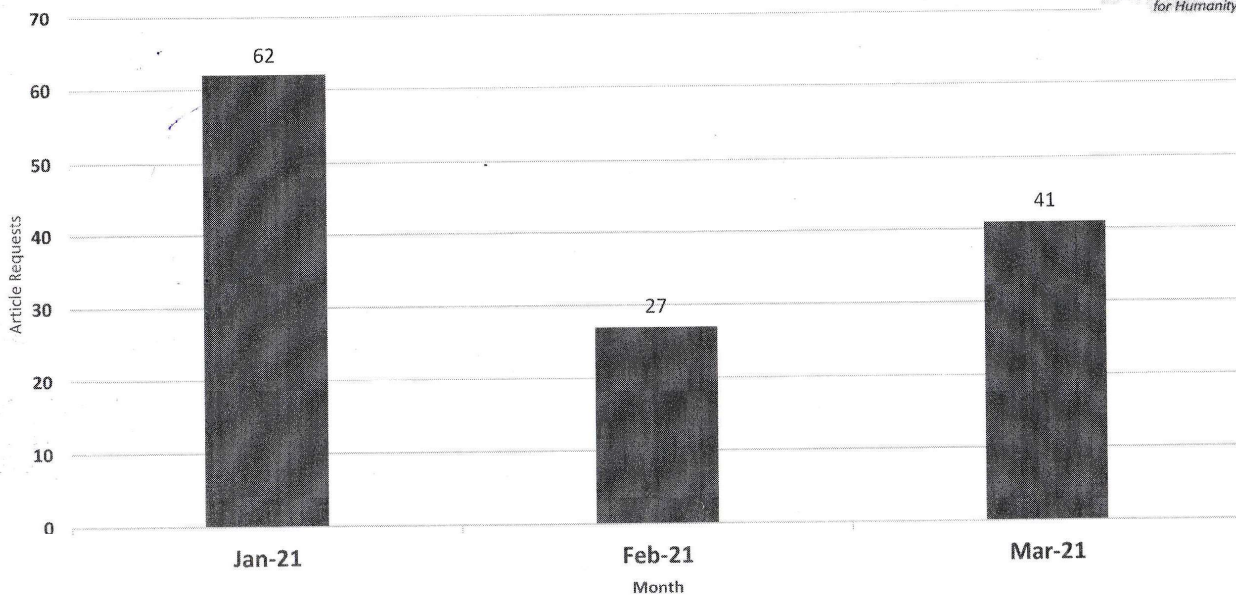
**Searches Run** - Reports the number of keyword searches performed.

**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.



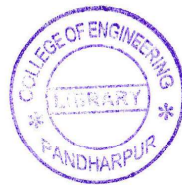
Download the IEEE Usage Statistics of your organization at <https://c5ieee.mpsinsight.com/ieee/login>  
Do not have an IEEE MPS Usage Statistics account? Click here <https://tinyurl.com/getieeeusageaccount>

### IEEE Usage Statistics Trend : 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
<b>Total for All Types</b>	Total_Item_Requests	<b>997</b>	<b>312</b>	<b>155</b>	<b>129</b>	<b>18</b>	<b>1</b>	<b>12</b>	<b>32</b>	<b>79</b>	<b>88</b>	<b>45</b>	<b>34</b>	<b>92</b>
IEEE Conferences	Total_Item_Requests	<b>233</b>	227	2	0	0	0	0	0	3	0	0	0	1
IET Journals	Total_Item_Requests	<b>4</b>	1	0	0	0	0	0	0	0	0	0	3	0
IEEE Journals	Total_Item_Requests	<b>749</b>	79	153	129	18	1	10	32	76	88	44	31	88
Partner Journals	Total_Item_Requests	<b>11</b>	5	0	0	0	0	2	0	0	0	1	0	3

User_Activity	Total_Reporting_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_Views	<b>17,272</b>	3,764	3,807	2,615	266	5	490	584	1,315	1,070	453	584	2319
Visits	<b>1,546</b>	390	361	219	18	1	56	69	91	116	45	49	131
Searches_Run (Non-COUNTER)	<b>1,100</b>	334	214	137	18	1	12	34	85	89	45	34	97
Total_Item_Investigations (Non-COUNTER)	<b>1,220</b>	299	329	211	5	0	41	47	66	58	40	37	87
Total_Item_Requests (Non-COUNTER)	<b>841</b>	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.

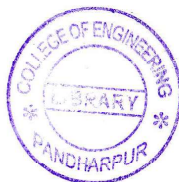
**Total Item Requests** - The total number of times the full text of a content item was downloaded or viewed.

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

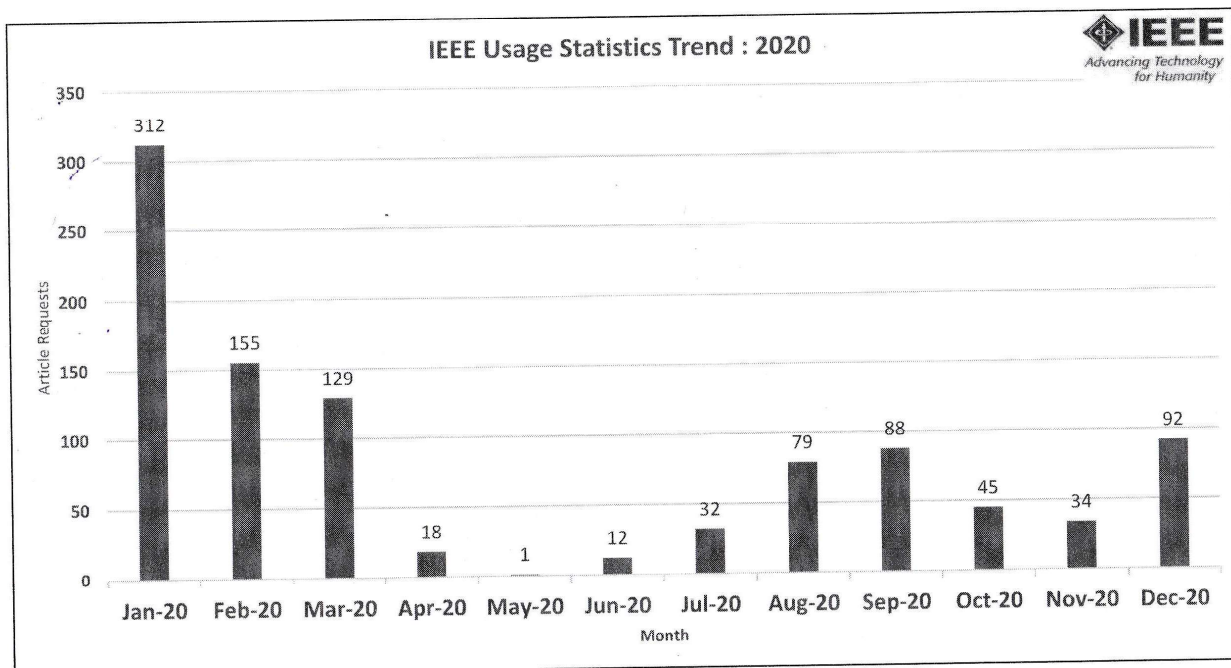
**Page Views** - The number of pages viewed on a Web site.

**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.

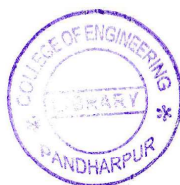


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Do not have an IEEE MPS Usage Statistics account? Click here <https://tinyurl.com/getieeeusageaccount>



**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_Reporting_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.

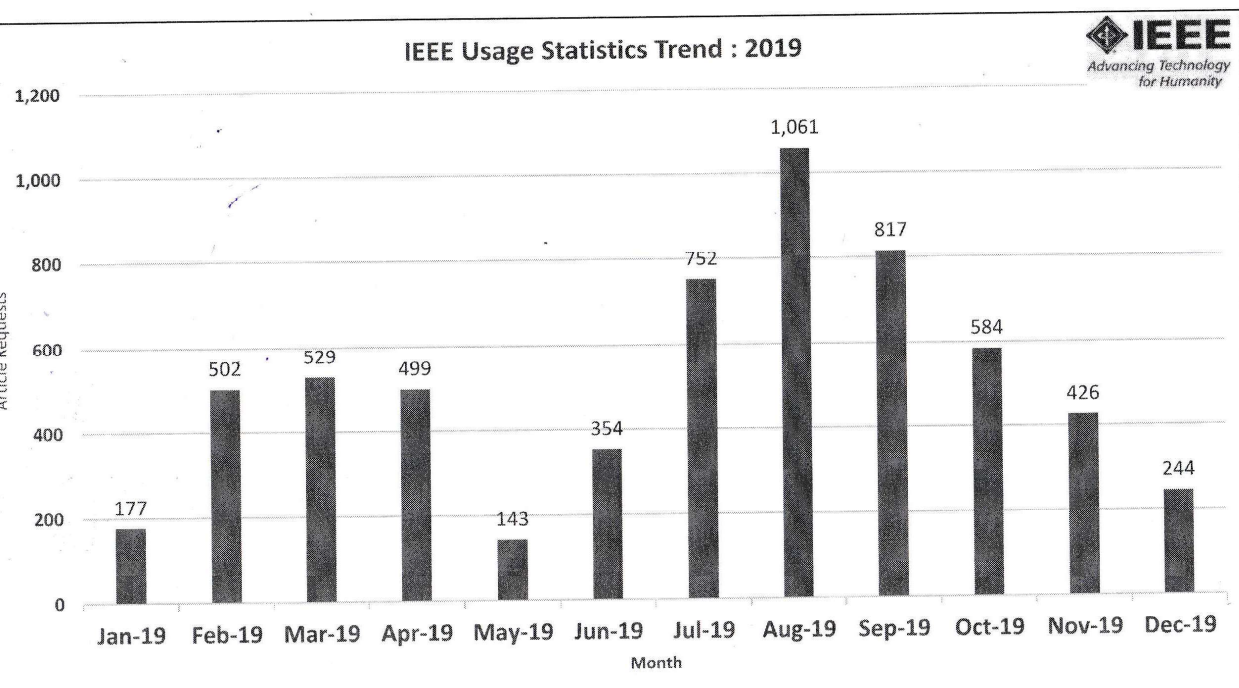
**Page Views** - The number of pages viewed on a Web site.

**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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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

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_Reporting_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.

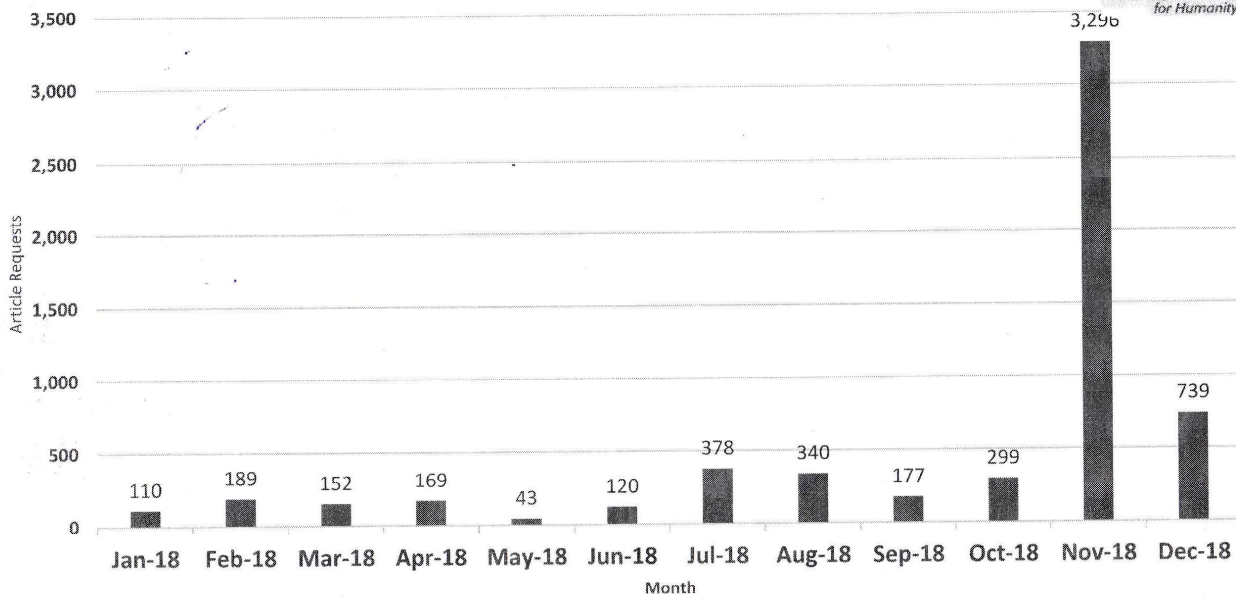
**Searches Run** - Reports the number of keyword searches performed.

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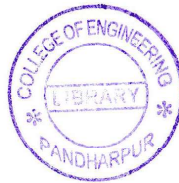
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### IEEE Usage Statistics Trend : 2018



### IEEE Usage Statistics Month-Wise Usage Trend by Article Requests

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







Satyawan Anpat &lt;snanpat@coe.sveri.ac.in&gt;

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

Girish Kulkarni &lt;girish@gist.in&gt;

Fri, Feb 28, 2020 at 1:52 PM

To: "snanpat@coe.sveri.ac.in" &lt;snanpat@coe.sveri.ac.in&gt;

Cc: "smbagal@coe.sveri.ac.in" &lt;smbagal@coe.sveri.ac.in&gt;, "satyawan9166@gmail.com" &lt;satyawan9166@gmail.com&gt;

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
<b>2020</b>	397												
<b>2019</b>	506	665	1486	443	247	453	719	826	480	568	525	260	7178
<b>2018</b>	379	382	1110	716	328	505	864	982	690	1638	32915	166	40675
<b>2017</b>	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 January 2017 to January 2020 immediately there is any new s

We Waiting for your urgent response from your side.

Thanking you,

Yours faithfully,

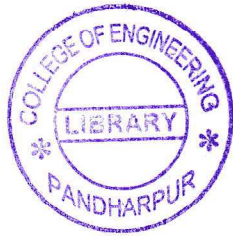
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*Mr. Satish N. Anpat*

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](mailto:coe@sveri.ac.in), Website: [www.sveri.ac.in](http://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



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ID: 9105048196

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.

### 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 <sup>st</sup> February	By 1 <sup>st</sup> March
		2.1 <sup>st</sup> Draft of blog	Up to 15 <sup>th</sup> April	By 30 <sup>th</sup> April
		3.Final Draft of blog	Up to 30 <sup>th</sup> May	By 15 <sup>th</sup> June
		4.Display on website	15 <sup>th</sup> July	
2.	II	1.Blog Title	Up to 1 <sup>st</sup> August	By 1 <sup>st</sup> September
		2.1 <sup>st</sup> Draft of blog	Up to 15 <sup>th</sup> October	By 30 <sup>th</sup> October
		3.Final Draft of blog	Up to 30 <sup>th</sup> November	By 15 <sup>th</sup> December
		4.Display on website	15 <sup>th</sup> 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

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ID 8105048198

Ref: COEPR/2019-2020/0.0/77

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)

Dean APP



# Blog Title Scrutiny Committee



SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S

## COLLEGE OF ENGINEERING, PANDHARPUR

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ID: 8105048198


Ref: COEPR/2019-20/0.0/76

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 & Resrch Material List

Sr.No.	Name of the Faculty	Department	Blog & Resrch 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	व्यवहारातील समजण्या पलीकडचा घोळ	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 & Reserch 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.Shriniwas 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 Dnyandeav 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 & Reserch 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	लेकीचे 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. Admille	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 & Reserch 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	माझ पंढरपूर	Non-Technical
108	Mr.Yashpal Khedkar	Mechanical	"तंत्रज्ञानातून ग्रामविकास"	Non-Technical
109	Mr. Vikram R. Chavan	Mechanical	निसर्ग सर्वश्रेष्ठ न्यायाधीश आहे	Non-Technical
110	Prof. S. Y. Salunkhe	Mechanical	सकारात्मक विचारांची 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.Kurzekar	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/](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/](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/>

# Blogs Published On Website

The screenshot displays the SVERI Blogs website interface. At the top, a dark navigation bar contains the site name 'SVERI BLOGS' and the tagline 'SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'. A 'HOME' link and a search icon are also present. Below the navigation bar, a 'RECENT POSTS' section features a grid of eight blog entries. Each entry includes a placeholder image, a title, the author's name and affiliation, a brief excerpt, and a 'read more' link. The posts are dated August 24, 2020, and have zero comments.

RECENT POSTS	
<b>Lifelong Learning</b> 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... <a href="#">read more</a> SVERI PANDHARPUR • AUGUST 24, 2020 • 0 COMMENT	<b>Mindfulness: Healthy Mind for Healthy Life</b> 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... <a href="#">read more</a> SVERI PANDHARPUR • AUGUST 24, 2020 • 0 COMMENT
<b>Multiprocessing in Linux</b> Mrs. Vanita Dnyandeve Jadhav, (vdjadhav@coe.sveri.ac.in) Assistant Professor, CSE Dept, SVERI's COE, Pandharpur Symmetric Multiprocessing The preceding discussion of multiprocessor systems... <a href="#">read more</a> SVERI PANDHARPUR • AUGUST 24, 2020 • 0 COMMENT	<b>Future Technology That Affects Our Lives</b> Mr. Rahul Pandurang Nagane (rahulnagane777@gmail.com), Assistant Professor, Dept. of Humanities, SVERI's College of Engineering, Pandharpur, Solapur, Maharashtra. Mobile: 9076349839 Introduction... <a href="#">read more</a> SVERI PANDHARPUR • AUGUST 24, 2020 • 0 COMMENT
<b>Make Good Videos for Flipped Classroom Learning Approach</b> Mr. Digambar Tukaram Kashid (dtkashid@coe.sveri.ac.in), Assistant Professor, Department of Mechanical Engineering, SVERI's, College of Engineering, Pandharpur A flipped... <a href="#">read more</a>	<b>Use of Story-Telling for Effective Teaching-Learning</b> Dr. Prashant Pawar (pawarpm@sveri.ac.in), (Dean Academics, SVERI's College of Engineering, Pandharpur) With advancement in technology and continuous availability of content... <a href="#">read more</a> SVERI PANDHARPUR • AUGUST 24, 2020 • 0 COMMENT
<b>Future of Non-Conventional Energy Sources in India</b> Mr. M. B. Kulkarni (mbkulkarni@coe.sveri.ac.in), Assistant Professor, Department of Mechanical Engineering, SVERI's COE, Pandharpur Present Energy Production Scenario in... <a href="#">read more</a>	<b>Opportunities after Graduate Aptitude Test in Engineering (GATE)</b> Mr. Avinash Anil Mote (aamote@coe.sveri.ac.in), Training and Placement Officer, SVERI's COE, Pandharpur GATE is organized by Indian Institute of... <a href="#">read more</a>

# Sample Blog on Website

**SEARCH**

### RECENT POSTS

[Lifelong Learning](#)[Mindfulness: Healthy Mind for Healthy Life](#)[Multiprocessing in Linux](#)[Future Technology That Affects Our Lives](#)[Use of Story-Telling for Effective Teaching-Learning](#)

### RECENT COMMENTS

### ARCHIVES

[August 2020](#)[June 2020](#)[May 2020](#)

### CATEGORIES

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## Use of Story-Telling for Effective Teaching-Learning

[👤 SVERI PANDHARPUR](#) [📅 AUGUST 24, 2020](#) [💬 LEAVE A COMMENT](#)

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 combining 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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(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	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.





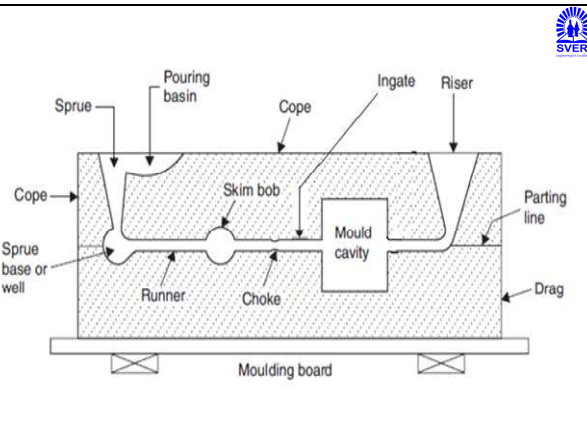
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# **Power Point Presentation**

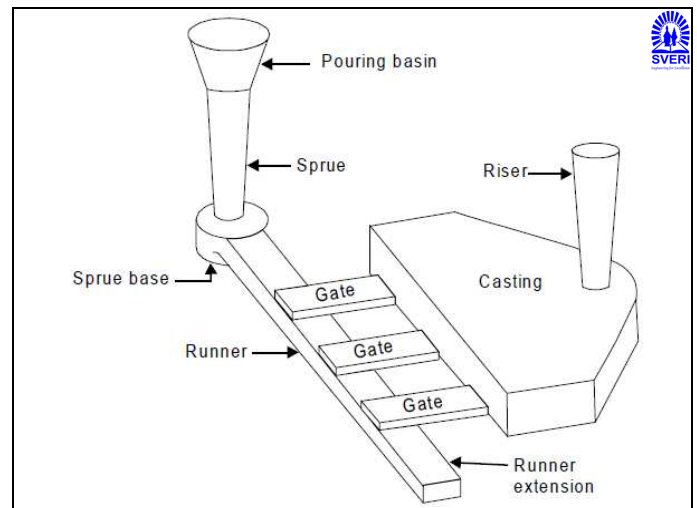
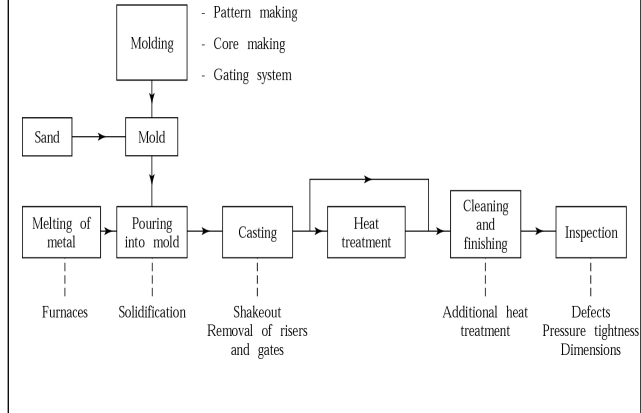
## Manufacturing Processes

### Topic - 01

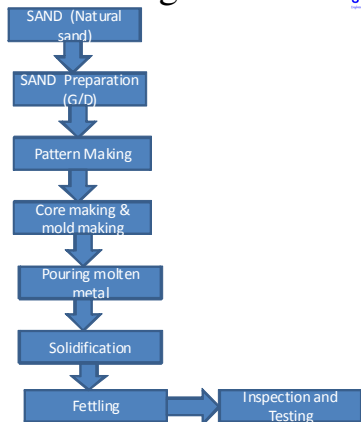
# Casting Processes



## Basic steps in Casting



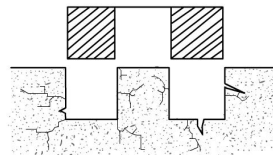
## Basic steps in Casting Process



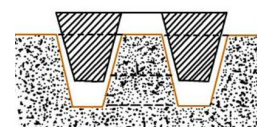
## Draft or taper allowance

- 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 strips on yellow background

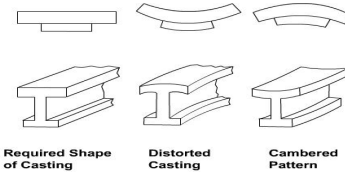
Metal	Size	Allowance (mm)
Cast Iron	Medium	3
	Large	10
Cast Steel	Medium	4.5
	Large	12
Non-Ferrous	Medium	1.5
	Large	5

## 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

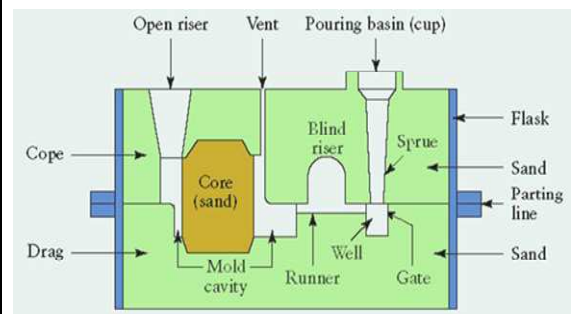
- The distortion in casting may occur due to **internal stresses**.
- These internal stresses are caused on account of **unequal cooling of different section of the casting**.
- for long and flat casting.
- For Unequal Thickness.



## Types of Pattern



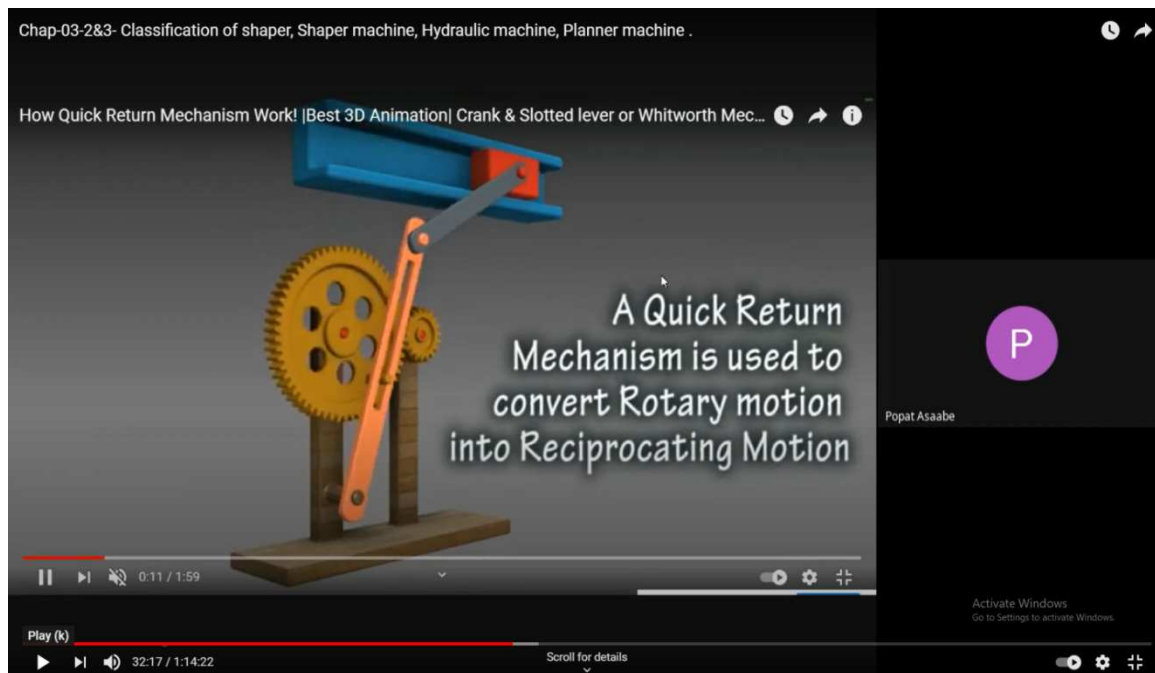
Types of Pattern.mp4



## 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

**S.Y. B.Tech.Mech. A**  
30 subscribers

**PLAYLISTS**

Created playlists

- Internal Combustion Engine- Prof.S.S.Jadhav (2021-22 Sem-I) Updated 2 days ago
- Manufacturing Process- Prof.S.N.More(2021-22 Sem-I) Updated 2 days ago
- Mechanics of Material - Prof.R.D.Solage (2021-22 Sem-I) Updated today
- Applied Thermodynamics- Prof.S.R.Gavali(2021-22 Sem-I) Updated 4 days ago
- CIP-Prof.PD.Babar Updated 4 days ago

ATT-Mechanics of Material (Prof. Manufacturing Technology (Prof. Power Plant and Energy

### Class- B.Tech\_A

**Channel playlists**

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. Wangikar)	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

## **Class wise Video lecture Links.**

SE-A

[https://docs.google.com/spreadsheets/d/e/2PACX-1vTzxI5GQJe3grAbWOtKT6WMbSr2joB6sJw67q9mfiH1DhVho\\_AYvDvZbPbVKHsOXlogdGJVgMek8HpO/pubhtml](https://docs.google.com/spreadsheets/d/e/2PACX-1vTzxI5GQJe3grAbWOtKT6WMbSr2joB6sJw67q9mfiH1DhVho_AYvDvZbPbVKHsOXlogdGJVgMek8HpO/pubhtml)

SE-B

[https://docs.google.com/spreadsheets/d/e/2PACX-1vRRSRUFQ6wScD9tVg2aD19xE9htaw7Q1ikqyUF99YqwtUOtqMD\\_dTipn0BJNMgKBWaSr9TKksRkK26m/pubhtml](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](https://docs.google.com/spreadsheets/d/e/2PACX-1vTDhvk6S888WphCI0D71VExuR96w0W_sJbHniQusyZXqe-DHXiBOKPZhk7fKppM2gvMtfJSmGmH0tEA/pubhtml)

TE-B

<https://docs.google.com/spreadsheets/d/e/2PACX-1vQ6Mm4PoRhTyGir-6XhaBdHLimcp0A5Afbhh-rmSgsJzOiLqC8ECsdZiO2A14K3nQ3vfjiOL1FlzF7g/pubhtml>

BE-B

[https://docs.google.com/spreadsheets/d/e/2PACX-1vTL8GkTOJ\\_nvNzCEvOOAYnHQpBFsSn2x-UQsuO-NeiJCqM4Gbx39H8UCBo6oYz76tEXMckFE9v-rq4/pubhtml](https://docs.google.com/spreadsheets/d/e/2PACX-1vTL8GkTOJ_nvNzCEvOOAYnHQpBFsSn2x-UQsuO-NeiJCqM4Gbx39H8UCBo6oYz76tEXMckFE9v-rq4/pubhtml)

# Study Material Sheet

<b>SVERI's College Of Engineering Pandharpur</b>	
<b>Department of Mechanical Engineering</b>	
<b>Name of</b>	<b>Mr. S.M.Khomane</b>
<b>Class &amp;</b>	<b>Final Year B. Tech. Div-B</b>
<b>Contact</b>	<b>9049349429</b>
<b>Email</b>	<b>smkhomane@coe.sveri.ac.in</b>

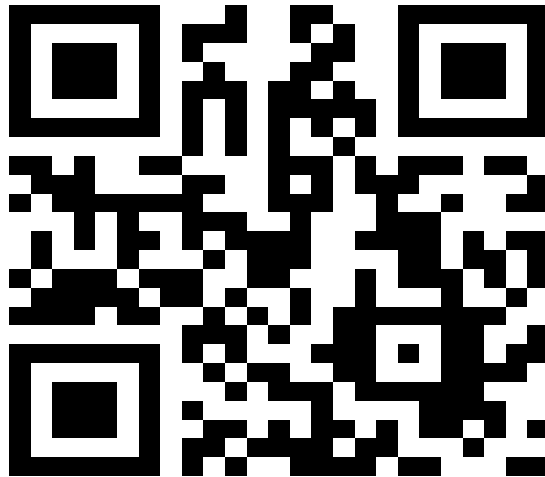


Sr. No	DATE	Time	Unit Number	Unit Name	Points Covered	Youtube Link of Lecture
1	22/9/2021	1.30-2.30	1	Introduction to Entrepreneurship	Introduction to subject and syllabus discussion	<a href="https://youtu.be/ANxf4azNU2k">https://youtu.be/ANxf4azNU2k</a>
2	23/9/2021	9.30-10.30			About title, central idea, importance, the objective of course , Case study of Nirma (Karsan Bh)	<a href="https://youtu.be/GOZ21GKrQJE">https://youtu.be/GOZ21GKrQJE</a>
3	23/9/2021	1.30- 2.30			Difference betweDiference between Entrepreneur and businessman en Entrepreneur and businessman	<a href="https://youtu.be/MJdC4oEuEbg">https://youtu.be/MJdC4oEuEbg</a>
4	24/9/2021	12.30-1.30			Concept of entrepreneur and entrepreneurship and various definition, Importance of growth of entrepreneurial activity	<a href="https://youtu.be/Qcl_aD3Pt2k">https://youtu.be/Qcl_aD3Pt2k</a>
5	28/9/2021	10.30-11.30			Social entrepreneurship,	<a href="https://youtu.be/2hVBC1zOOFM">https://youtu.be/2hVBC1zOOFM</a>
6	29/9/2021	1.30-2.30			Characteristics and qualities of entrepreneurs,	<a href="https://youtu.be/bDr1v2caNaU">https://youtu.be/bDr1v2caNaU</a>
7	30/9/2021	9.30-10.30			Factors influencing entrepreneurial development and motivation,	<a href="https://youtu.be/Z8HKIM5vHoY">https://youtu.be/Z8HKIM5vHoY</a>
8	30/9/2021	1.30-2.30			Case study of Successful entrepreneur- Ramdas Mane	<a href="https://youtu.be/V1DEqDP-Ztk">https://youtu.be/V1DEqDP-Ztk</a>
9	7/10/2021	9.30-10.30			Discussion on a Case study of Successful entrepreneur- Ramdas Mane, Classification of entrepreneur	<a href="https://youtu.be/IewMKyh5UE4">https://youtu.be/IewMKyh5UE4</a>
10	7/10/2021	1.30-2.30			Classification of entrepreneur, Content Beyond Syllabus-Introduction to Ministry of Corporate affairs, MCQ discussion.	<a href="https://youtu.be/hdPFQHXoWZs">https://youtu.be/hdPFQHXoWZs</a>
11	13/10/2021	10.00-11.00	2	Entrepreneurship Development	About title, central idea, importance, the objective of course ,Concept of EDP,	<a href="https://youtu.be/SKOZj69FGEs">https://youtu.be/SKOZj69FGEs</a>
12	14/10/2021	10.00-11.00			Objectives of EDP, Phases of EDP, Contents of EDP, Problems Faced by EDPs	<a href="https://youtu.be/JZbZzaHz9C8">https://youtu.be/JZbZzaHz9C8</a>
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	<a href="https://youtu.be/jTUutS4gy74">https://youtu.be/jTUutS4gy74</a>
15	28/10/2021	2.00-3.00			Concept of Franchising	<a href="https://youtu.be/terlmhw5K9s">https://youtu.be/terlmhw5K9s</a>
16	8/11/2021	11.00-12.00			Guidelines for purchasing Franchise, Types of Franchises, Case study on Women Entrepreneur-Vaijayanti Kathale	<a href="https://youtu.be/-vNpt_L4qJQ">https://youtu.be/-vNpt_L4qJQ</a>
17	10/11/2021	2.00-3.00			Concept of Outsourcing, Advantages and limitation, Fields of outsourcing, Concept of merger	<a href="https://youtu.be/K4mpNeHieaA">https://youtu.be/K4mpNeHieaA</a>
18	20/11/2021	10.00-11.00			Types of merger and MCQ discusion	<a href="https://youtu.be/AXexKKjgYQk">https://youtu.be/AXexKKjgYQk</a>
19	25/11/2021	2.00-3.00			Concept of SEZ, Content beyond the syllabus-Reverse engineering and import substitution	<a href="https://youtu.be/Xhw8kDpWN7c">https://youtu.be/Xhw8kDpWN7c</a>
20	27/11/2021	11.00-12.00			MCQ test -2 Based on Unit 02	-

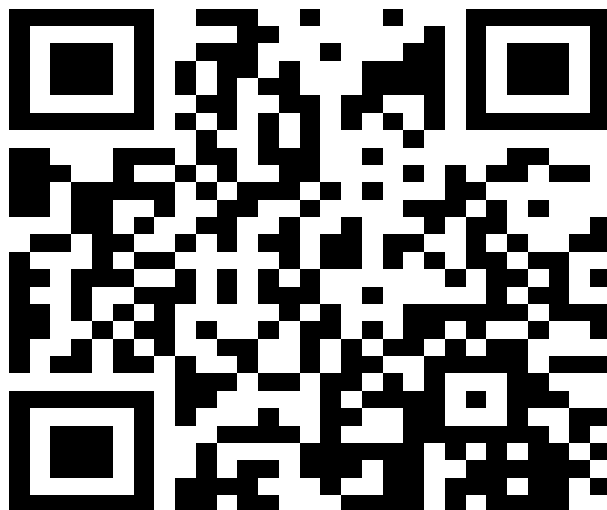
Sr. No	DATE	Time	Unit Number	Unit Name	Points Covered	Youtube Link of Lecture
21	15/12/2021	2.00-3.00	3	<b>Entrepreneurial Project Development</b>	About title, central idea, importance, the objective of course, Idea generation – sources and methods,	<a href="https://youtu.be/Es1GynneXng">https://youtu.be/Es1GynneXng</a>
22	19/12/2021	11.00-12.00			Identification and classification of ideas, SWOT Analysis	<a href="https://youtu.be/oCPkKrCWrvVo">https://youtu.be/oCPkKrCWrvVo</a>
23	20/12/2021	11.00-12.00			Case study on SWOT Analysis, Project report	<a href="https://youtu.be/xW2-n3K2FiU">https://youtu.be/xW2-n3K2FiU</a>
24	21/12/2021	2.00-3.00			Business plan: Components , Lean Canvas	<a href="https://youtu.be/ur7vLGxvo0k">https://youtu.be/ur7vLGxvo0k</a>
25	23/12/2021	11.00-12.00			Case Studies on lean canvas, Project Appraisal: its Types	<a href="https://youtu.be/5Z2fSwOboro">https://youtu.be/5Z2fSwOboro</a>
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	<a href="https://youtu.be/CRwxExpWClo">https://youtu.be/CRwxExpWClo</a>
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	<a href="https://youtu.be/qTqjZ-hT3lk">https://youtu.be/qTqjZ-hT3lk</a>
30	29/12/2021	2.00-3.00			MCQ test -3 Based on Unit 03	-
31	30/12/2021	10.00-11.00	4	<b>Micro-Small-Medium Enterprises and Support Systems</b>	Ownership patterns : sole proprietorship, partnership, private limited company, Policies governing SMEs, Funding options available : angel investors, venture capitalists, commercial banks	<a href="https://youtu.be/oqw6Ua9DM4Y">https://youtu.be/oqw6Ua9DM4Y</a>
32	02/01/2022	11.00-12.00			Support Systems: SIDBI, NABARD	<a href="https://youtu.be/VAORE_Q9wNQ">https://youtu.be/VAORE_Q9wNQ</a>
33	03/01/2022	11.00-12.00			Support Systems: SISI, DIC, MCED	<a href="https://youtu.be/sWhNIKQIAQw">https://youtu.be/sWhNIKQIAQw</a>
34	04/01/2022	10.00-11.00			Support Systems: EDII, NIESBUD, EPC	<a href="https://youtu.be/ut7ZX41MT78">https://youtu.be/ut7ZX41MT78</a>
35	05/01/2022	01.30-02.30			Export potential of SME and elon musk case study	<a href="https://youtu.be/sCoN2Dt-9W4">https://youtu.be/sCoN2Dt-9W4</a>
36	06/01/2022	2.00-3.00			Remaining part of elon musk case study , Technology Buisenss incubation center, Taxasion benefits	<a href="https://youtu.be/SC5hR17ZcSA">https://youtu.be/SC5hR17ZcSA</a>
37	07/01/2022	10.00-11.00			Bank loan procedure and documents required, Udyog Aadhaar, Role and registration	<a href="https://youtu.be/rdxQVy2QjT8">https://youtu.be/rdxQVy2QjT8</a>
38	07/01/2022	03.30-04.30			IDC, MIDC, Role and land allotment, Case study of Social Entrepreneur: Ansu Gupta	<a href="https://youtu.be/rugXIW3QaVw">https://youtu.be/rugXIW3QaVw</a>
39	08/01/2022	10.00-11.00			Content beyond Syllabus: Turnaround Strategy, Case study: Hanumantrav Gaikwad (BVG Group)	<a href="https://youtu.be/7WABW3Q12zE">https://youtu.be/7WABW3Q12zE</a>
40	09/01/2022	10.00-11.00			session on Entrepreneurship and innovation as careeer opportunity	<a href="https://youtu.be/FOkb8qXRFU4">https://youtu.be/FOkb8qXRFU4</a>
41	09/01/2022	11.00-12.00			session on Entrepreneurship and innovation as careeer opportunity	<a href="https://youtu.be/FOkb8qXRFU4">https://youtu.be/FOkb8qXRFU4</a>
42	10/01/2022	10.00-11.00			Discussion on MCQ and Case study: Hanumantrav Gaikwad (BVG Group)	<a href="https://youtu.be/Ce3vg1A9JSc">https://youtu.be/Ce3vg1A9JSc</a>
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.







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

# **Learning Management Systems**

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



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

# **Zoom Subscription Details**

## **Conducting Online Lectures we have using Zoom Platform.**

### **Links**

1. SYBTech\_B(Mech):[https://zoom.us/j/9730646174?pwd=RkVlcHpQS\\_Vc4LytPa2Vzdmw0MIBOUT09](https://zoom.us/j/9730646174?pwd=RkVlcHpQS_Vc4LytPa2Vzdmw0MIBOUT09)
2. TYBTech\_A(Mech):[https://zoom.us/j/96791849890?pwd=cTBYR3d4\\_WDJiY1phdmQ2UlRlRmU0QT09](https://zoom.us/j/96791849890?pwd=cTBYR3d4_WDJiY1phdmQ2UlRlRmU0QT09)
3. BTech\_A(Mech):[https://zoom.us/j/95921034560?pwd=MHNsdU5wN\\_VZucFVFMnY2aGFIRG01Zz09](https://zoom.us/j/95921034560?pwd=MHNsdU5wN_VZucFVFMnY2aGFIRG01Zz09)

# 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

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?](#)

**Name of Consignee** B. P. Ronge  
**(Place of supply):** 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** B. P. Ronge  
**(Billed to):** 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

## Charge Details

CHARGE DESCRIPTION	SUBSCRIPTION PERIOD	SUBTOTAL	TAXES, FEES & OTHER CHARGES	TOTAL
<b>Charge Name: Education Annual</b>  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	<b>INR467,280.00</b>

Taxable Value	<b>INR396,000.00</b>
Total (Including Tax)	<b>INR467,280.00</b>

Invoice Balance	<b>INR0.00</b>
-----------------	----------------

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

			Invoice Total	INR467,280.00
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

Google Workspace for Education Fundamentals

Active








Since Oct 21, 2013

CANCEL SUBSCRIPTION

Plan details

Payment plan	Licenses	Estimated monthly bill
Free plan	All users	Free edition (no charges)

## 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,

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)

RSense Technology Solutions Pvt. Ltd.  
CIN Number: U72900PN2018PTC179746

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



**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, Gat 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 -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304, Dist.- Solapur (Maharashtra)

Tel.: 02186-216063, 9503103757, E-mail : [coe@sveri.ac.in](mailto:coe@sveri.ac.in), Website: [www.sveri.ac.in](http://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



www.tuv.com  
ID: 9105048196

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.



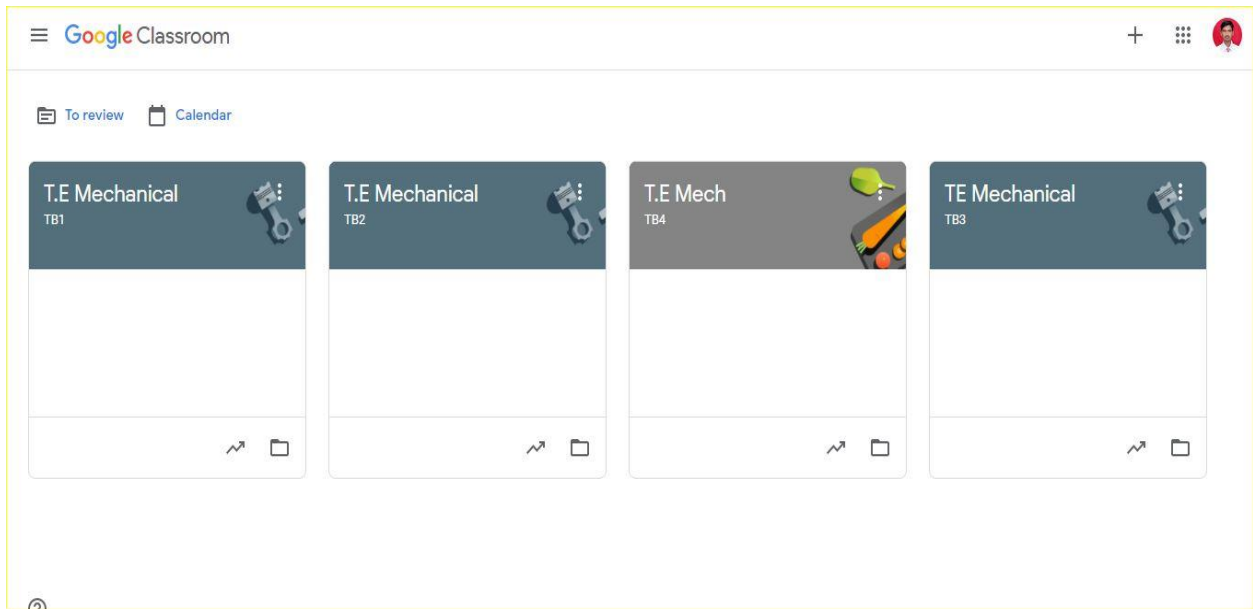
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**College of Engineering, Pandharpur**

# **Use of Google Classroom**

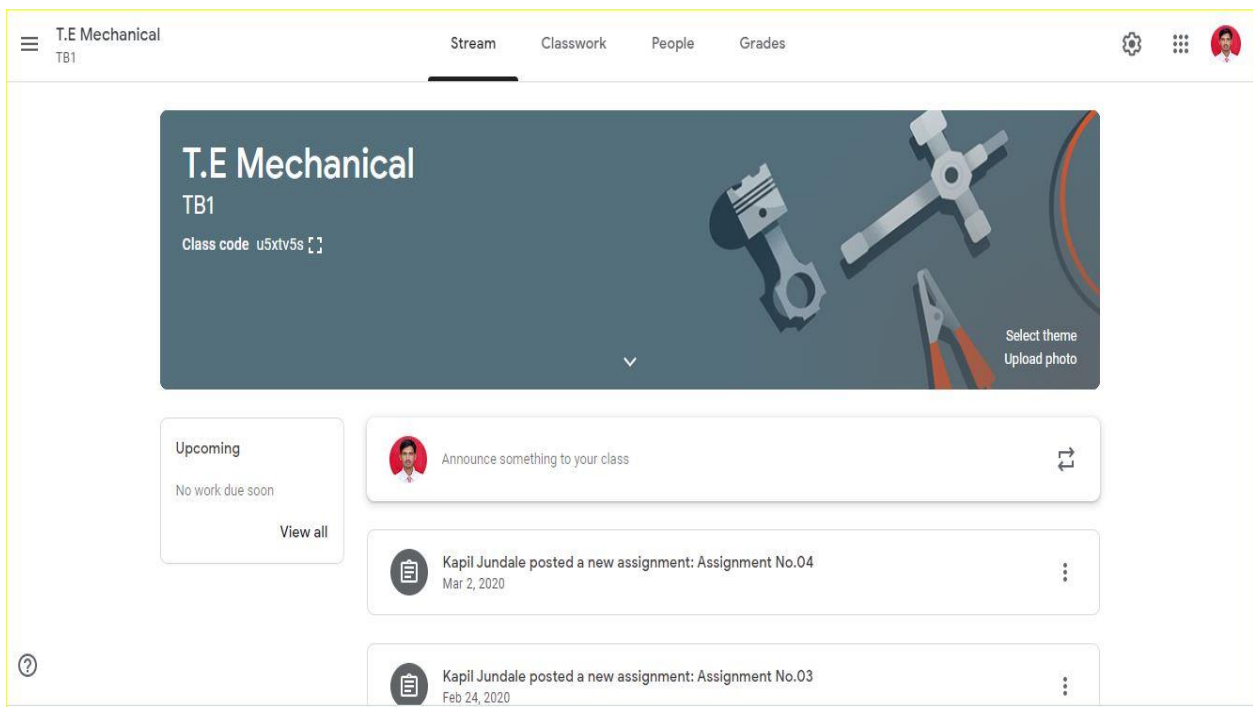


# Use of Google Classroom

## 1. Assigned Subject & Batches.



## 2. Stream.



### 3. Class work.

The screenshot shows the 'Student work' tab for 'T.E Mechanical TB2'. It displays 'Assignment No.01' with 12 turned in and 4 assigned. A table on the left lists student submissions, and a grid on the right shows individual assignment cards.

Student	Status	Score
Aakash Valsange	Draft	80
Abhishek Kshirsagar	Draft	82
Aftab Mulani	Turned in	80
Ganesh kumbhar	Draft	82

Assignment No.01

12 Turned in, 4 Assigned

All

Students shown in grid: Aakash Valsange, Abhishek Kshirsagar, Aftab Mulani, Ganesh kumbhar, Gaurav T, PM Status, Prasad Magi, PRATIKESH KUMBHAR.

### 4. People.

The screenshot shows the 'People' tab for 'T.E Mechanical TB2'. It lists 'Teachers' (Kapil Jundale) and 'Students' (16 students). A table shows the first three students: Aakash Valsange, Abhishek Kshirsagar, and Aftab Mulani.

Teachers

Kapil Jundale

Students

16 students

Student
Aakash Valsange
Abhishek Kshirsagar
Aftab Mulani

Footer: poe order-4-conve....pdf, poe order-4-con....docx, poeorders\_semii.zip, Show all

## 5. Grades.

T.E Mechanical TB2						Stream	Classwork	People	Grades			
Sort by last name ▾						No due date Assignment No.04 out of 100	No due date Assignment No.03 out of 100	Jan 31, 20... 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			



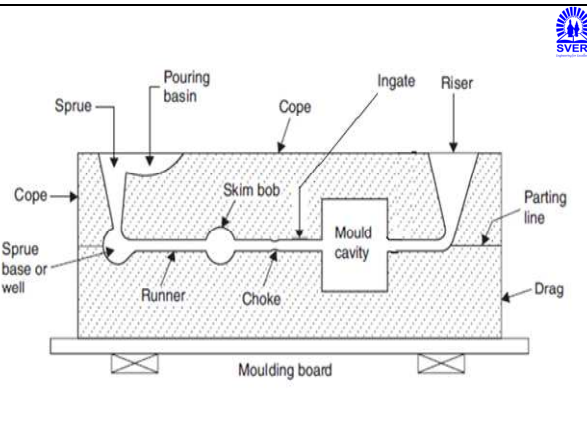
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# **Visualization**

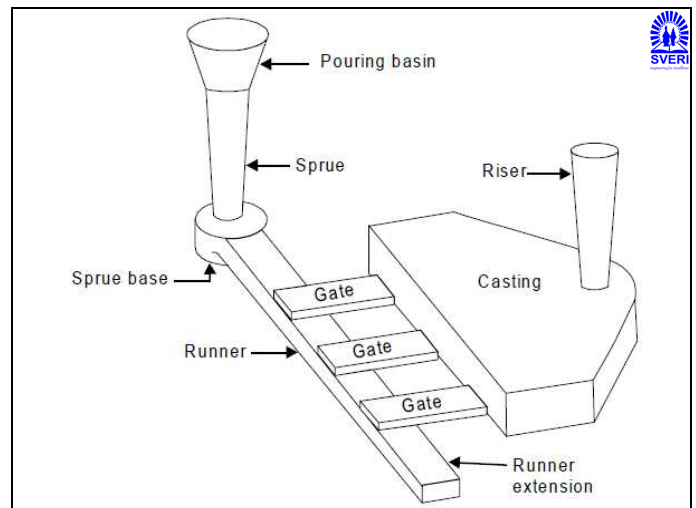
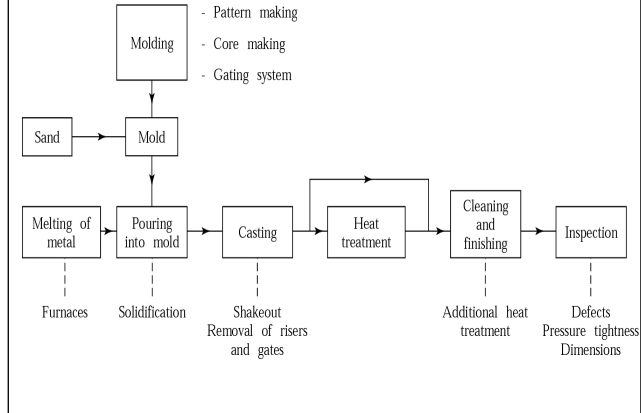
## Manufacturing Processes

### Topic - 01

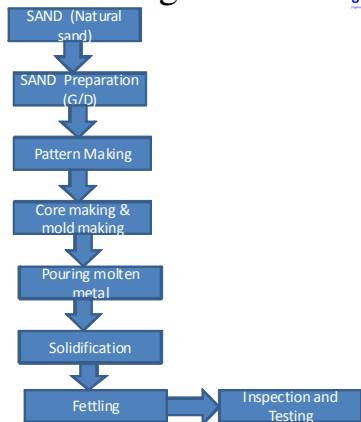
# Casting Processes



## Basic steps in Casting



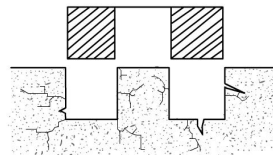
## Basic steps in Casting Process



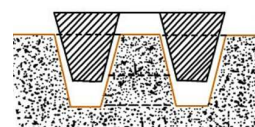
## Draft or taper allowance

- 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 strips on yellow background

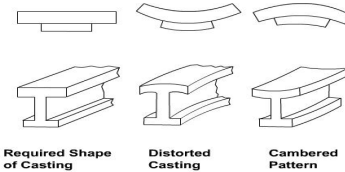
Metal	Size	Allowance (mm)
Cast Iron	Medium	3
	Large	10
Cast Steel	Medium	4.5
	Large	12
Non-Ferrous	Medium	1.5
	Large	5

## 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

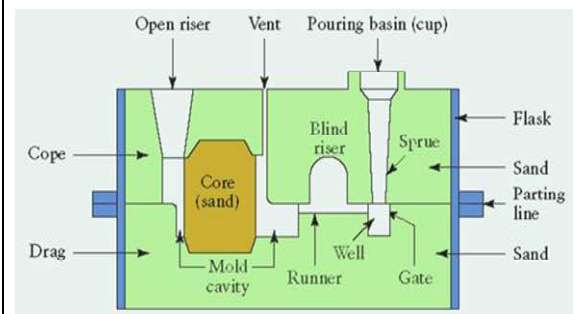
- The distortion in casting may occur due to **internal stresses**.
- These internal stresses are caused on account of **unequal cooling of different section of the casting**.
- for long and flat casting.
- For Unequal Thickness.



## Types of Pattern



Types of Pattern.mp4

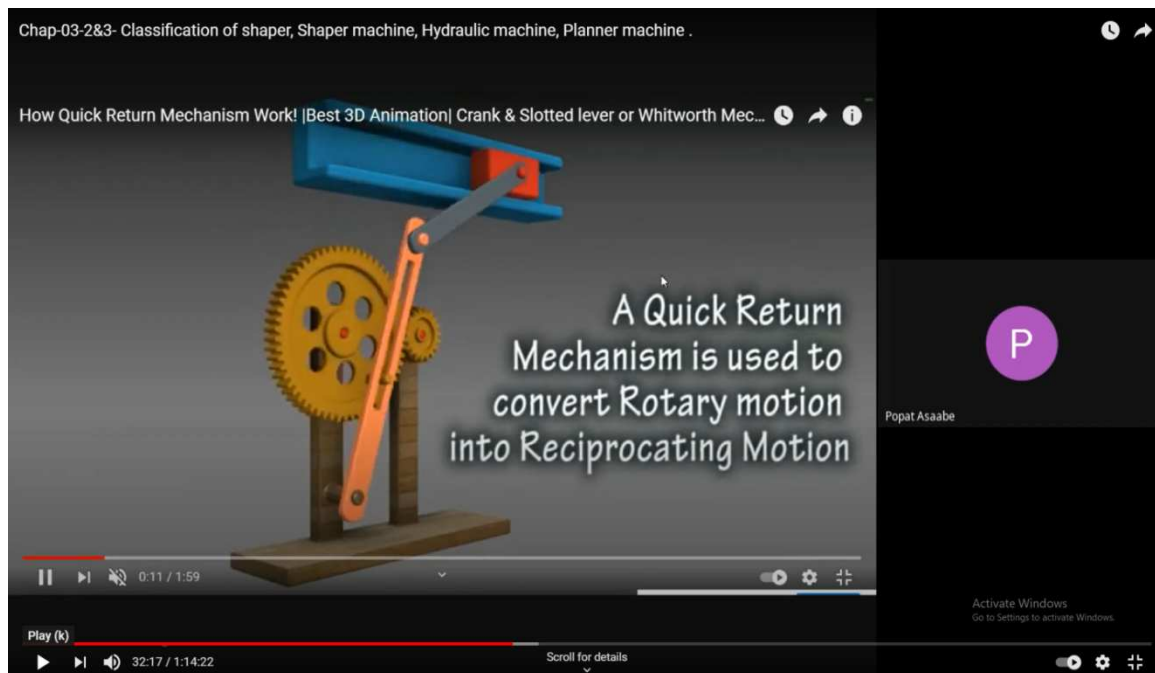




## Video Demonstration during Lecture



## Animation Demonstration during Lecture.





Solapur, Maharashtra, India



Longitude Latitude

75.37° E 17.6553° N

30°C

Tuesday, 24, Sep, 2019 02:10 PM



**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(Maharashtra) 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,

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



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

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**ANNEXURE - I**

Sr. No.	Particulars	Qty.	Rate in Rs.	Amount in Rs.
1.	<b><u>Interactive whiteboard: Smart Board- SB480</u></b> 77" 4:3 interactive whiteboard DViI™ 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  Projector stand and wire required for Installation including installation.	04	47000/-	1,88,000/-
			<b>Total</b>	<b>1,88,000/-</b>
In words Rs. One Lac Eighty Eight Thousand only.				

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



Tutelmids

Pyramiding Tutelage

An ISO 9001:2005 Certified Company



## RETAIL INVOICE

## DISPATCH DETAILS

Invoice No. : 26  
 Invoice Date : 26/09/2013  
 P.O. No. : COEPR/13-14/910  
 Due Date : 27/09/2013

Transport :  
 Date :  
 L R No. :  
 From :  
 To :

Shipped From :  
 TUTELMIDS EDUCATIONAL SOLUTIONS PVT.LTD.  
 4 MATRU-ASHISH APT  
 OPP.NISHA APT-1, TIN-BATTI,KAJI  
 MAIDAN,GOPIPURA,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
1	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 lakhs 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 &amp; 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 :

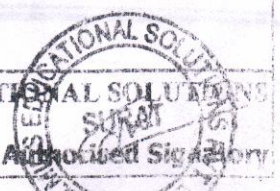
Date :

Sign :

Checked By \_\_\_\_\_

For, TUTELMIDS EDUCATIONAL SOLUTIONS

Authorized Signatory





## ORIGINAL FOR RECIPIENT

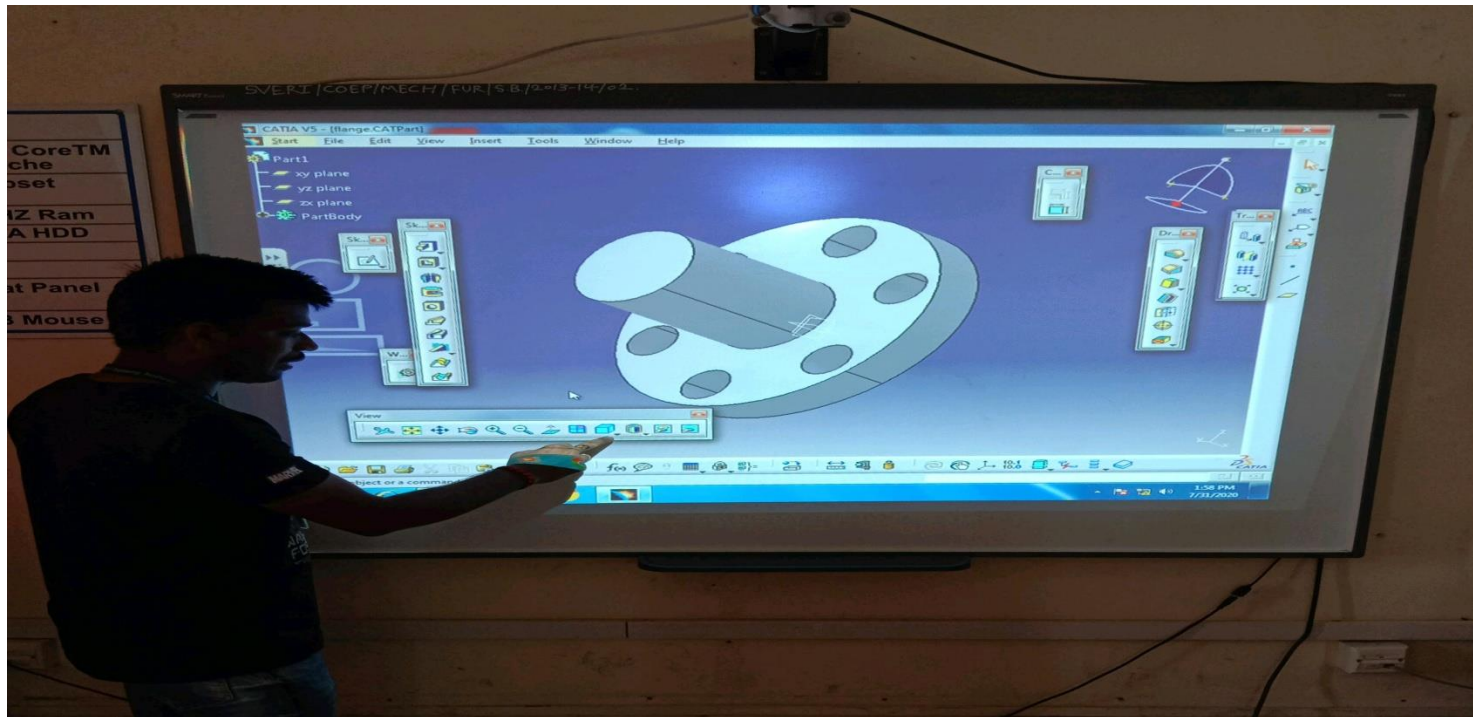
Scanned with CamScanner

# SVERI's College of Engineering, Pandharpur

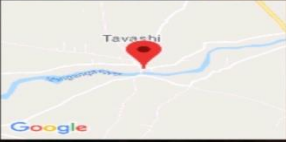

## Department of Mechanical Engineering

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

### 1. Subject- CATIA Practical.

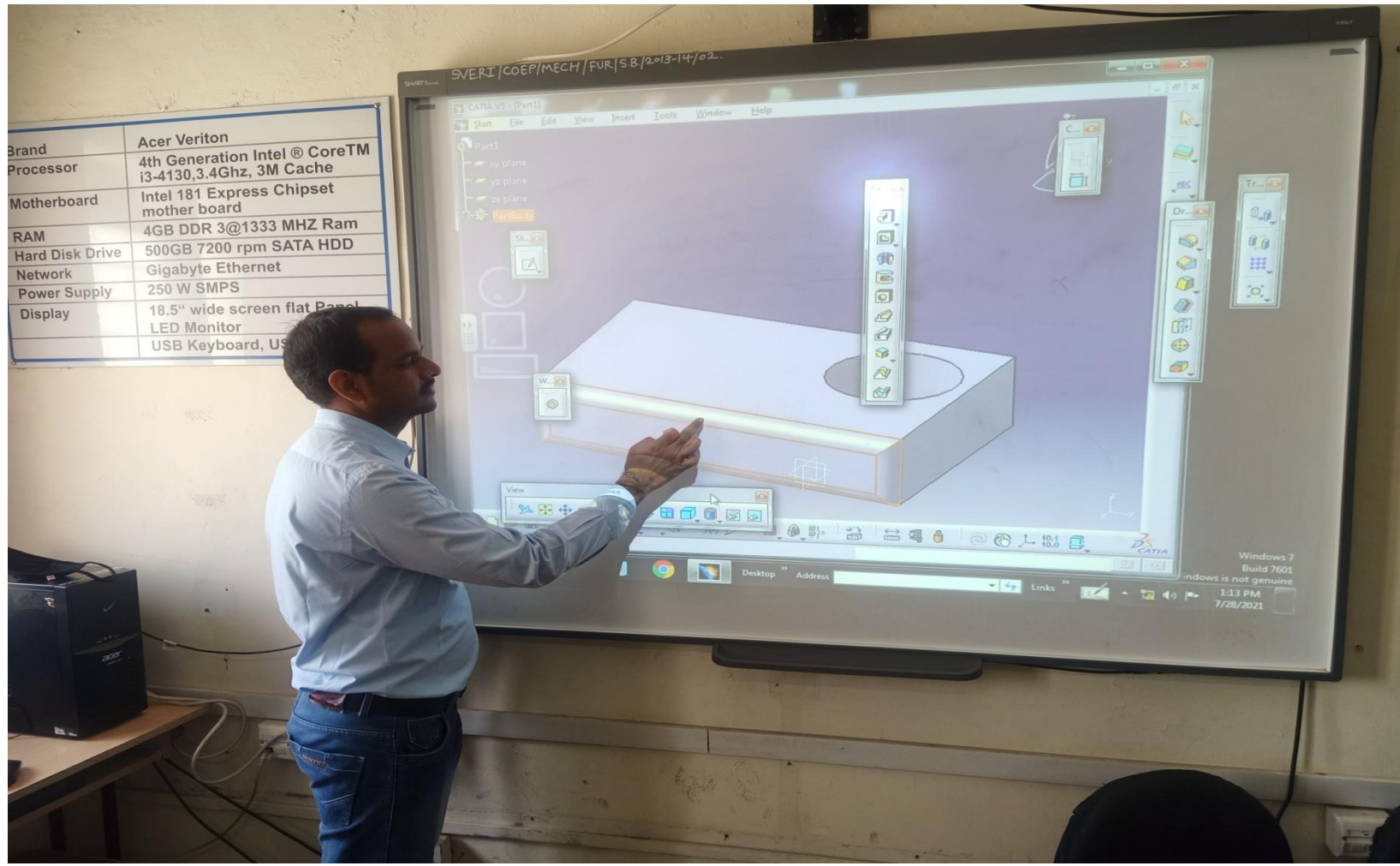


**Solapur, Maharashtra, India**

	Longitude	Latitude	
	75.3697° E	17.6553° N	<b>31° C</b>
	Friday, 31, Jul, 2020	<b>01:51 PM</b>	

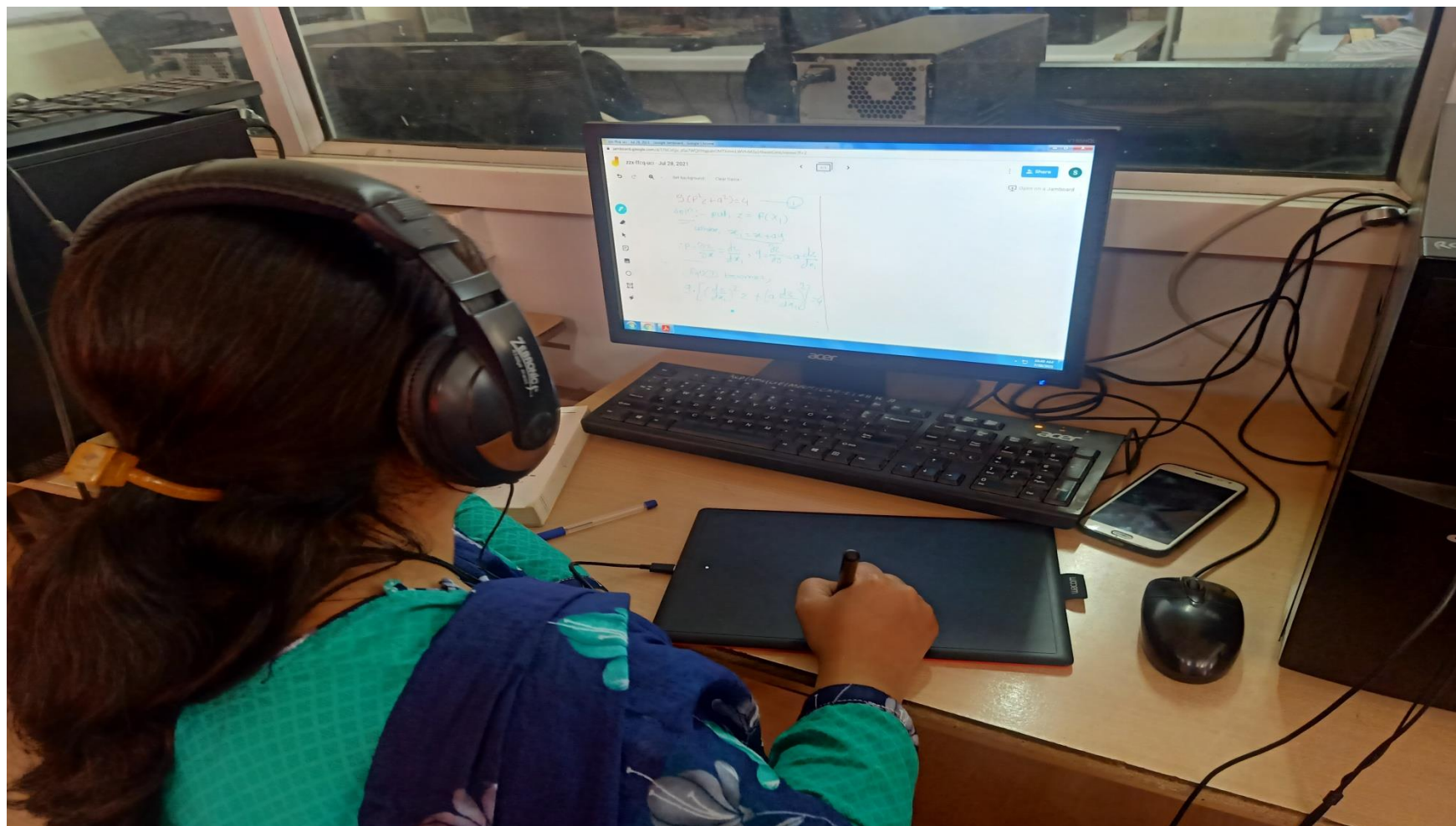


## 2. Subject-CATIA Practical.



# 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  $\rightarrow$

$$S_b = m_n b Y$$

$$\text{Virtual no. of teeth } Z_p' = \frac{Z_p}{\cos \phi} = \frac{20}{\cos 25}$$

$$Z_p' = 26.87 \approx 27$$

$$S_b = 4 \times 40 \times 200 \times 0.3475$$

$$S_b = 11.12 \times 10^3 \text{ N}$$

2) Wear Strength  $\rightarrow$

$$S_w = \frac{b Q d_p K}{\cos^2 \phi}$$

$$Q = \frac{2 Z_g}{Z_g + Z_p} = \frac{2 \times 100}{100 + 20} = 1.667$$

$$K = 0.16 \left( \frac{84 \text{ H}}{100} \right)^2 = 0.16 \left( \frac{300}{100} \right)^2 = 1.44$$

$$d_p = \frac{m_n Z_p}{\cos \phi} = \frac{4 \times 20}{\cos 25} = 88.27 \text{ mm}$$

$$S_w = \frac{40 \times 1.67 \times 88.27 \times 144}{\cos^2 25}$$

$$S_w = 10.32 \times 10^3 \text{ N}$$

$$S_w < S_b$$

Pitting is the criterion for design

3) Tangential Load ( $P_t$ )

$$V = \frac{\pi d_p n_p}{60 \times 10^3} = \frac{\pi \times 88.27 \times 720}{60 \times 10^3} = 3.33 \text{ m/s}$$

$$C_v = \frac{5.6}{5.6 + \sqrt{V}} = \frac{5.6}{5.6 + \sqrt{3.33}} = 0.75$$

$$S_w = P_t F_v F_s$$



Dr. Sandeep Wangikar

1:04:05 / 1:47:59

Scroll for details

Activate Windows  
Go to Settings to activate Windows.



**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/2PACX1vSoP6ruwi355DFYKpiXETB4Z8FXkGXGJUySHb4TsRpzu17ziwSJTeEaOBkBTvYsWCz4QxZjNCAQvQI/pubhtml>

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

[https://docs.google.com/spreadsheets/d/e/2PACX-1vSgMjcdAVHwRYoET2wh3YQ21DVGsYd6QMVsgVnrOIQe\\_wNE7S91jT8R8qSYiQBG6Y1ZpihzmNCI\\_oDr/pubhtml](https://docs.google.com/spreadsheets/d/e/2PACX-1vSgMjcdAVHwRYoET2wh3YQ21DVGsYd6QMVsgVnrOIQe_wNE7S91jT8R8qSYiQBG6Y1ZpihzmNCI_oDr/pubhtml)



3. B.Tech Div-A

<https://docs.google.com/spreadsheets/d/1Q6dY-twpj3EEl5mgGawNng4t23liuibXn9hDD94DfwU/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

 <b>SVRI's College Of Engineering Pandharpur</b> Department of Mechanical Engineering						
Name of Teacher	Mr. K.B.Jundale					
Class & Division	Final Year B. Tech. Div-B					
Contact Number	9370344980					
Email	kbjundale@cod.svri.ac.in					
Subject Name	Robotics and Artificial Intelligence					
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	<a href="https://drive.google.com/file/d/1NPmQ1RSYn3t-yAQXJ845wv8rsk2wFZ/view">https://drive.google.com/file/d/1NPmQ1RSYn3t-yAQXJ845wv8rsk2wFZ/view</a>
2	22/09/2021	10:30 to 11:30			Definition as per ISO & IFR, Technology Evolution	<a href="https://drive.google.com/file/d/1pWDBqZiQnWuJR1sPeBSOwVZL4Q8Pz_s/view">https://drive.google.com/file/d/1pWDBqZiQnWuJR1sPeBSOwVZL4Q8Pz_s/view</a>
3	23/09/2021	9:30 to 10:30			History and fundamentals of Industrial Robots	<a href="https://drive.google.com/file/d/1fd-rEEW8R7HKId1XNar3_gpMD7abMoB/view">https://drive.google.com/file/d/1fd-rEEW8R7HKId1XNar3_gpMD7abMoB/view</a>
4	23/09/2021	1:30 to 2:30			Components of industrial robots, configuration, typical specifications	<a href="https://drive.google.com/file/d/18CEsVT6sBKLnQLzFMuP_EkOfbuXqsFMB/view">https://drive.google.com/file/d/18CEsVT6sBKLnQLzFMuP_EkOfbuXqsFMB/view</a>
5	29/09/2021	10:30 to 11:30			Classification of Robots	<a href="https://drive.google.com/file/d/1LWkxbdbasZUSBfoLHKsidIJ_HUorBoZF/view">https://drive.google.com/file/d/1LWkxbdbasZUSBfoLHKsidIJ_HUorBoZF/view</a>
6	1/10/2021	1:30 to 2:30			collaborative Robots	<a href="https://youtu.be/YDpOSDN3kS4">https://youtu.be/YDpOSDN3kS4</a>
7	4/10/2021	1:30 to 2:30			AGVs	<a href="https://youtu.be/xCaB6sU1EYs">https://youtu.be/xCaB6sU1EYs</a>
8	8/10/2021	9:30 to 10:30			Application of AGVs	<a href="https://youtu.be/rTASHVgTpE">https://youtu.be/rTASHVgTpE</a>
9	8/10/2021	1:30 to 2:30			Navigation techniques, Applications of AGVs, History of Mobile Robot	<a href="https://youtu.be/X_5h8X-GoUE">https://youtu.be/X_5h8X-GoUE</a>
10	13/10/2021	11:00 to 12:00			Mobile robots: Classification, wheeled and tracked robots,	<a href="https://youtu.be/No8MIItgAw">https://youtu.be/No8MIItgAw</a>



**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](mailto:coe@sveri.ac.in), Website: [www.sveri.ac.in](http://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



www.tuv.com  
ID: 9105048196

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.

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*

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:-

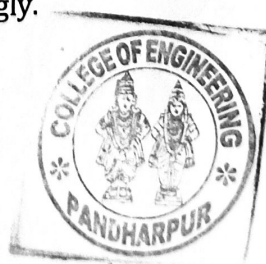
Sr. No.	ERP implementation task	Task Owner	Name of Teaching/Non-Teaching member
10.	NBA-UG Tier-II	NBA Coordinator	Department NBA Coordinator
11.	RWork Setting- Institute Details, Academic Year, Administrative Department, Term Duration, Academic Department, Programs, Reset User Password, Access Rights (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

RWork

My Dashboard

Student Center

Employee Profile

Academics

Dashboard

TimeTable & Attendance

Vision & Mission

Program Management

Course Evaluation Tools

Course Management

Student Enrollment

Evaluation

Examination

RWork Settings

SVRI'S COLLEGE OF ENGINEERING, PANDHARPUR

Shashikant

My Dashboard

Attendance

Academics

Load Distribution

Library Books With Me

Academic Year

2019-20

Semester

SEMESTER I

Type

THEORY

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	<a href="#">View</a>
2	INTERNAL COMBUSTION ENGINES (ME215-19)	UNDER GRADUATE IN MECHANICAL ENGINEERING	SECOND YEAR	B	0.00	0.00	<a href="#">View</a>

## 2. Course Outcomes of subject.

RWork

My Dashboard

Student Center

Employee Profile

Academics

Examination

RWork Settings

SVRI'S COLLEGE OF ENGINEERING, PANDHARPUR

Shashikant

Course Details

View/Update Course Details

Course Information

Course CO Information

Syllabus

Course Tool Information

Academic Year\*

2019-20

Program\*

UNDER GRADUATE IN MECHANICAL ENGINEERING (1ME1)

Class\*

SECOND YEAR

Semester\*

SEMESTER I

Division\*

A

Course\*

INTERNAL COMBUSTION ENGINES (ME215-19)

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	<a href="#">Edit</a>
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	<a href="#">Edit</a>
3	ME215-19.3	EXPLAIN THE METHODS ADOPTED FOR THEIR PERFORMANCE IMPROVEMENT.	BL3 APPLY	<a href="#">Edit</a>
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	<a href="#">Edit</a>
5	ME215-19.5	PERFORMANCE ANALYSIS DIFFERENT TYPES OF I. C. ENGINES.	BL4 ANALYZE	<a href="#">Edit</a>
6	ME215-19.6	DEVELOP THE UNDERSTANDING OF ALTERNATIVE FUELS FOR I. C. ENGINES AND I.C. ENGINES POLLUTION.	BL3 APPLY	<a href="#">Edit</a>

Download Report

### 3. CO-PO Mapping of Subject.

RWork

My Dashboard

Student Center

Employee Profile

Academics

Examination

RWork Settings

SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR

Shashikant

Course - PO Mapping Index

CO-PO Matrix

Note : \* Indicates Mandatory Fields

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)

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	PS01	PS02	PS03
1	ME215-19.1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	ME215-19.2	1	2	-	-	-	-	-	-	-	-	-	-	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	PS01	PS02	PS03
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

My Dashboard

Student Center

Employee Profile

Academics

Examination

RWork Settings

SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR

Shashikant

Course Details

View/Update Course Details

Course Information

Course CD Information

Syllabus

Course Tool Information

Academic Year\*

2019-20

Program\*

UNDER GRADUATE IN MECHANICAL ENGINEERING (1ME1)

Class\*

SECOND YEAR

Semester\*

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, OE, 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

My Dashboard

Student Center

Employee Profile

Academics

Examination

RWork Settings

SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR

Shashikant

Tool - CO & BL Linking

Link Tool

Note: \* Indicates Mandatory Fields

Academic Year\*  
2019-20

Program\*  
UNDER GRADUATE IN MECHANICAL ENGINEERING (IME1)

Class\*  
SECOND YEAR

Semester\*  
SEMESTER I

Division\*  
A

Course\*  
INTERNAL COMBUSTION ENGINES (ME215-19)

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

# 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 JAGDALE	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 ROHIDAS BANSODE	48
2.01803E+15	-	181ME11041	RUTUJA SURESH TARAPURKAR	25
2.01803E+15	-	181ME11044	SURAJ DATTATRAY MORE	54
2.01803E+15	-	181ME11046	PRUTHIVIRAJ 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	SHREEYASH RAJARAM CHAVAN	54
2.01803E+15	-	181ME11090	PRAKASH BHIMRAO GHADAGE	52
2.01803E+15	-	181ME11091	VAIBHAV RAMDAS GAIKWAD	48
2.01803E+15	-	181ME11094	PRATHMESH 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	DHONDIBA 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  $\geq 60$ ) = Level 1

(Percentage of students scoring Marks  $\geq 70$ ) = Level 2

(Percentage of students scoring Marks  $\geq 80$ ) = 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: ISE-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	ME215-19.1			ME215-19.2		
			Max. Marks	2	2	8	8	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks
2.01803E+15	181ME11001	MANGESH MAHAVIR MISAL	19	2	2	7	8	10	9	90.00	10	10	100
2.01803E+15	181ME11002	NIKHIL DILIP MUNDHE	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 MIRJKAR	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 PARCHANDRAO	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	PRUTHIVIRAJ 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 PARCHANDRAO	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 BHMIRAO 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	PRATHAMESH 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	DEEPIYOTI 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
2.01903E+15	191ME12004	PRANAY PRADIP DISALE	19	2	1	8	8	10	10	100	10	9	90.00
2.01803E+15	T181ME11118	DHONDBA SUL 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



**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: 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	181ME11008	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 MIRJAKAR	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 BURUNGALE	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	181ME11034	KIRAN VINAYAK HAMBIRRAO	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	181ME11044	SURAJ DATTATRAY MORE	18	4	4	4	6	4	4	100	4	4	100	12	10	83.33
2.01803E+15	181ME11046	PRUTHVIRAJ SOMNATH DESHMUKH	10	4	2	2	2	4	2	50.00	4	2	50.00	12	6	50.00
2.01803E+15	181ME11048	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	181ME11067	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 WAGHMARE	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	181ME11096	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	181ME11099	PRATHAMESH 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	181ME11102	RUSHIKESH VIDYADHAR PATIL	13	4	4	0	5	4	4	100	4	0	NA	12	9	75.00
2.01803E+15	181ME11104	CHANDRAKANT CHAVAN SAURABH	17	4	3	4	6	4	3	75.00	4	4	100	12	10	83.33
2.01803E+15	181ME11107	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	181ME11118	DHONDIBA SUL AMOL	11	4	0	3	4	4	0	NA	4	3	75.00	12	8	66.67
2.01803E+15	181ME11119	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 Attainment Level	87.76	75.51	97.96
	3	2	3

Attainment Level  
 (Percentage of students scoring Marks  $\geq 60$ ) = Level 1  
 (Percentage of students scoring Marks  $\geq 70$ ) = Level 2  
 (Percentage of students scoring Marks  $\geq 80$ ) = 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: 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
			Q. 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 MIRJAKAR	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 BALASAHEB 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	RAHUL 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	GAYATRI 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	SHRADHA 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 WAGHMARE	13	1	2	8	2	10	3	30.00	10	10	100
2.01803E+15	181ME11082	SHREEYASH 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	PRATHMESH 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	DEEPPYOTI 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	DHONDIRA 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  $\geq 60$ ) = Level 1

(Percentage of students scoring Marks  $\geq 70$ ) = Level 2

(Percentage of students scoring Marks  $\geq 80$ ) = 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 JAGDALE	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	DEEPIYOTI 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	DHONDIBA SUL AMOL	13	4	9	20	13	65.00
2.01803E+15	T181ME11119	ATISH BALASO 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  $\geq 60$ ) = Level 1

(Percentage of students scoring Marks  $\geq 70$ ) = Level 2

(Percentage of students scoring Marks  $\geq 80$ ) = 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-2  
 TOOL MAX. MARKS: 20

PRN NO.	Roll No.	Name of Student	Linked CO	ME215-19.2	ME215-19.3	ME215-19.2	ME215-19.3	ME215-19.2			ME215-19.3		
			Max. Marks	2	2	8	8	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks
			Q. No. / Total Obtained Marks	Q1	Q2	Q3	Q4						
2.01803E+15	181ME11001	MANGESH MAHAJYR MISAL	18	2	2	6	8	10	8	80.00	10	10	100
2.01803E+15	181ME11002	NIKHIL DILIP MUNDHE	20	2	2	8	8	10	10	100	10	10	100
2.01803E+15	181ME11008	VAISHNAVI MAHESH LAKHERI	17	2	2	6	7	10	8	80.00	10	9	90.00
2.01803E+15	181ME11009	MILIND SHASHIKANT JAGADALE	18	2	2	6	8	10	8	80.00	10	10	100
2.01803E+15	181ME11014	KOMAL REVANSIDHESHWAR ACHUGATLA	18	2	2	8	6	10	10	100	10	8	80.00
2.01803E+15	181ME11016	YUVRAJ VINOD SHELAR	11	2	2	4	3	10	6	60.00	10	5	50.00
2.01803E+15	181ME11018	SALEHA SALIM MIRJAKAR	12	2	2	4	4	10	6	60.00	10	6	60.00
2.01803E+15	181ME11025	SAURABH BANDU KADASARE	16	2	2	6	6	10	8	80.00	10	8	80.00
2.01803E+15	181ME11026	ROHIT ANANDA KHANDAGALE	12	2	2	4	4	10	6	60.00	10	6	60.00
2.01803E+15	181ME11027	YOGESH PRAKASH CHAVAN	13	2	2	4	5	10	6	60.00	10	7	70.00
2.01803E+15	181ME11029	BHARAT DNYANDEV BURUNGALE	16	2	2	6	6	10	8	80.00	10	8	80.00
2.01803E+15	181ME11030	GHANASHAM SHASHIKANT CHITARI	16	2	2	6	6	10	8	80.00	10	8	80.00
2.01803E+15	181ME11032	AYUSH NITIN KALE	14	2	2	6	4	10	8	80.00	10	6	60.00
2.01803E+15	181ME11034	KIRAN VINAYAK HAMBIRRAO	12	2	2	5	3	10	7	70.00	10	5	50.00
2.01803E+15	181ME11036	CHANDRAGUPT VINAYAK PARCHANDRAO	12	2	2	4	4	10	6	60.00	10	6	60.00
2.01803E+15	181ME11037	AKSHAY BALASAHEB PANSARE	10	2	2	3	3	10	5	50.00	10	5	50.00
2.01803E+15	181ME11038	RAHUL RAJARAM SATAPUTE	17	2	2	7	6	10	9	90.00	10	8	80.00
2.01803E+15	181ME11039	DNYANESHWAR ROHIDAS BANSODE	14	2	2	6	4	10	8	80.00	10	6	60.00
2.01803E+15	181ME11041	RUTUJA SURESH TARAPURKAR	12	2	2	8	0	10	10	100	10	2	20.00
2.01803E+15	181ME11044	RAHUL DATTATRAY MORE	14	2	2	6	4	10	8	80.00	10	6	60.00
2.01803E+15	181ME11046	PRUTHIVIRAJ SOMNATH DESHMUKH	12	2	2	4	4	10	6	60.00	10	6	60.00
2.01803E+15	181ME11048	ADITYA VYANKATESH MOTEWAR	14	2	2	4	6	10	6	60.00	10	8	80.00
2.01803E+15	181ME11052	MADHURI VINAYAK PARCHANDRAO	11	2	2	5	2	10	7	70.00	10	4	40.00
2.01803E+15	181ME11054	GAYATRI VINAYAK JOSHI	14	2	2	6	4	10	8	80.00	10	6	60.00
2.01803E+15	181ME11057	GANESH SHANKAR TODKAR	14	2	2	4	6	10	6	60.00	10	8	80.00
2.01803E+15	181ME11058	YASH YUVRAJ GADEKAR	12	2	2	4	4	10	6	60.00	10	6	60.00
2.01803E+15	181ME11066	SUMEET SUHAS CHAVARE	13	2	2	5	4	10	7	70.00	10	6	60.00
2.01803E+15	181ME11067	SHRADHA DATTATRAY GAJAKOSH	14	2	2	6	4	10	8	80.00	10	6	60.00
2.01803E+15	181ME11073	RUTIK RAMESH GODSE	15	2	2	5	6	10	7	70.00	10	8	80.00
2.01803E+15	181ME11075	SURESH CHAVAN SAMARTH	16	2	2	6	6	10	8	80.00	10	8	80.00
2.01803E+15	181ME11076	ONKAR RAJENDRA DEOKAR	16	2	2	6	6	10	8	80.00	10	8	80.00
2.01803E+15	181ME11078	VAIBHAV NANASAHEB GAIKWAD	14	2	2	5	5	10	7	70.00	10	7	70.00
2.01803E+15	181ME11079	SACHIN DATTATRAY WAGHMARE	14	2	2	5	5	10	7	70.00	10	7	70.00
2.01803E+15	181ME11082	SHREEYASH RAJARAM CHAVAN	18	2	2	7	7	10	9	90.00	10	9	90.00
2.01803E+15	181ME11090	PRAKASH BHIMRAO GHADAGE	14	2	2	5	5	10	7	70.00	10	7	70.00
2.01803E+15	181ME11091	VAIBHAV RAMDAS GAIKWAD	14	2	2	4	6	10	6	60.00	10	8	80.00
2.01803E+15	181ME11094	PRAHMESH RAMESH KIRGAT	16	2	2	7	5	10	9	90.00	10	7	70.00
2.01803E+15	181ME11096	RAJENDRA ADMANE DHANANJAY	18	2	2	7	7	10	9	90.00	10	9	90.00
2.01803E+15	181ME11097	OMKAR BABASO DANDAGE	15	2	2	5	6	10	7	70.00	10	8	80.00
2.01803E+15	181ME11099	PRATHAMESH MANOHAR JATKAR	15	2	2	6	5	10	8	80.00	10	7	70.00
2.01803E+15	181ME11101	ATHARV SANTOSH JOSHI	13	2	2	5	4	10	7	70.00	10	6	60.00
2.01803E+15	181ME11102	RUSHIKESH VIDYADHAR PATIL	14	2	2	5	5	10	7	70.00	10	7	70.00
2.01803E+15	181ME11104	CHANDRAKANT CHAVAN SAURABH	15	2	2	5	6	10	7	70.00	10	8	80.00
2.01803E+15	181ME11107	SACHIN ASHOK KSHIRSAGAR	15	2	2	5	6	10	7	70.00	10	8	80.00
2.01803E+15	181ME11116	DEEPPYOTI DATTATRAY SATHE	19	2	2	8	7	10	10	100	10	9	90.00
2.01803E+15	181ME11117	NAMRATA RAJU PARVAT	14	2	2	6	4	10	8	80.00	10	6	60.00
2.01903E+15	191ME12004	PRANAY PRADIP DISALE	16	2	2	8	4	10	10	100	10	6	60.00
2.01803E+15	T181ME11118	DHONDIRA SUL AMOL	16	2	2	5	7	10	7	70.00	10	9	90.00
2.01803E+15	T181ME11119	ATISH BALASO JADHAV	16	2	2	6	6	10	8	80.00	10	8	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  $\geq 60$ ) = Level 1

(Percentage of students scoring Marks  $\geq 70$ ) = Level 2

(Percentage of students scoring Marks  $\geq 80$ ) = 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	Max. Marks	Obtained Marks	% Marks
			Q. No. / Total Obtained Marks	Q1	Q2			
2.01803E+15	181ME11001	MANGESH MAHAVIR 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 GAJAKOSH	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	DEEPIYOTI DATTATRAY SATHE	17	4	13	20	17	85.00
2.01803E+15	181ME11117	NAMRATA RAJU PARVAT	16	4	12	20	16	80.00
2.01903E+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  $\geq 60$ ) = Level 1  
 (Percentage of students scoring Marks  $\geq 70$ ) = Level 2  
 (Percentage of students scoring Marks  $\geq 80$ ) = 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-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 MAHAVIR MISAL	19	10	9	10	10	100	10	9	90.00
2.01803E+15	181ME11002	NIKHIL DILIP MUNDHE	18	9	9	10	9	90.00	10	9	90.00
2.01803E+15	181ME11008	VAISHNAVI MAHESH LAKHERI	19	10	9	10	10	100	10	9	90.00
2.01803E+15	181ME11009	MILIND SHASHIKANT JAGADALE	20	10	10	10	10	100	10	10	100
2.01803E+15	181ME11014	KOMAL REVANSIDHESHWAR ACHUGATLA	18	9	9	10	9	90.00	10	9	90.00
2.01803E+15	181ME11016	YUVRAJ VINOD SHELAR	16	8	8	10	8	80.00	10	8	80.00
2.01803E+15	181ME11018	SALEHA SALIM MIRJKAR	18	9	9	10	9	90.00	10	9	90.00
2.01803E+15	181ME11025	SAURABH BANDU KADASARE	20	10	10	10	10	100	10	10	100
2.01803E+15	181ME11026	ROHIT ANANDA KHANDAGALE	18	9	9	10	9	90.00	10	9	90.00
2.01803E+15	181ME11027	YOGESH PRAKASH CHAVAN	18	9	9	10	9	90.00	10	9	90.00
2.01803E+15	181ME11029	BHARAT DNYANDEV BURUNGALE	16	8	8	10	8	80.00	10	8	80.00
2.01803E+15	181ME11030	GHANASHAM SHASHIKANT CHITARI	18	9	9	10	9	90.00	10	9	90.00
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	CHANDRAGUPT VINAYAK PARCHANDRAO	18	9	9	10	9	90.00	10	9	90.00
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	18	9	9	10	9	90.00	10	9	90.00
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	16	8	8	10	8	80.00	10	8	80.00
2.01803E+15	181ME11048	ADITYA VYANKATESH MOTEWAR	18	9	9	10	9	90.00	10	9	90.00
2.01803E+15	181ME11052	MADHURI VINAYAK PARCHANDRAO	20	10	10	10	10	100	10	10	100
2.01803E+15	181ME11054	GAYATRI VINAYAK JOSHI	19	10	9	10	10	100	10	9	90.00
2.01803E+15	181ME11057	GANESH SHANKAR TODKAR	16	8	8	10	8	80.00	10	8	80.00
2.01803E+15	181ME11058	YASH YUVRAJ GADEKAR	16	8	8	10	8	80.00	10	8	80.00
2.01803E+15	181ME11066	SUMEET SUHAS CHAVARE	14	7	7	10	7	70.00	10	7	70.00
2.01803E+15	181ME11067	SHRADHHA DATTATRAY GAJAKOSH	20	10	10	10	10	100	10	10	100
2.01803E+15	181ME11073	RUTIK RAMESH GODSE	16	8	8	10	8	80.00	10	8	80.00
2.01803E+15	181ME11075	SURESH CHAVAN SAMARTH	18	9	9	10	9	90.00	10	9	90.00
2.01803E+15	181ME11076	ONKAR RAJENDRA DEOKAR	18	9	9	10	9	90.00	10	9	90.00
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	9	9	10	9	90.00	10	9	90.00
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	16	8	8	10	8	80.00	10	8	80.00
2.01803E+15	181ME11091	VAIBHAV RAMDAS GAIKWAD	15	8	7	10	8	80.00	10	7	70.00
2.01803E+15	181ME11094	PRATHMESH RAMESH KIRGAT	19	10	9	10	10	100	10	9	90.00
2.01803E+15	181ME11096	RAJENDRA ADMANE DHANANJAY	16	8	8	10	8	80.00	10	8	80.00
2.01803E+15	181ME11097	OMKAR BABASO DANDAGE	16	8	8	10	8	80.00	10	8	80.00
2.01803E+15	181ME11099	PRATHAMESH MANOHAR JATKAR	18	9	9	10	9	90.00	10	9	90.00
2.01803E+15	181ME11101	ATHARV SANTOSH JOSHI	18	9	9	10	9	90.00	10	9	90.00
2.01803E+15	181ME11102	RUSHIKESH VIDYADHAR PATIL	18	9	9	10	9	90.00	10	9	90.00
2.01803E+15	181ME11104	CHANDRAKANT CHAVAN SAURABH	18	9	9	10	9	90.00	10	9	90.00
2.01803E+15	181ME11107	SACHIN ASHOK KSHIRSAGAR	20	10	10	10	10	100	10	10	100
2.01803E+15	181ME11116	DEEPPYOTI DATTATRAY SATHE	20	10	10	10	10	100	10	10	100
2.01803E+15	181ME11117	NAMRATA RAJU PARVAT	18	9	9	10	9	90.00	10	9	90.00
2.01903E+15	191ME12004	PRANAY PRADIP DISALE	20	10	10	10	10	100	10	10	100
2.01803E+15	T181ME11118	DHONDIBA SUL AMOL	18	9	9	10	9	90.00	10	9	90.00
2.01803E+15	T181ME11119	ATISH BALASO JADHAV	16	8	8	10	8	80.00	10	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  $\geq 60$ ) = Level 1

(Percentage of students scoring Marks  $\geq 70$ ) = Level 2

(Percentage of students scoring Marks  $\geq 80$ ) = Level 3



**SVERFS 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-2  
 TOOL MAX. MARKS: 20

PRN NO.	Roll No.	Name of Student	Linked CO	ME215-19.2	ME215-19.3	ME215-19.4	ME215-19.2			ME215-19.3			ME215-19.4		
			Max. Marks	6	6	8	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks
			Q. No. / Total Obtained Marks	Q1	Q2	Q3									
2.01803E+15	181ME11001	MANGESH MAHAVIR MISAL	17	6	6	5	6	6	100	6	6	100	8	5	62.50
2.01803E+15	181ME11002	NIKHIL DILIP MUNDHIE	18	5	5	8	6	5	83.33	6	5	83.33	8	8	100
2.01803E+15	181ME11008	VAISHNAVI MAHESH LAKHERRI	18	5	5	8	6	5	83.33	6	5	83.33	8	8	100
2.01803E+15	181ME11009	MILIND SHASHIKANT JAGADALE	20	6	6	8	6	6	100	6	6	100	8	8	100
2.01803E+15	181ME11014	KOMAL REVANSIDHESHWAR ACHUGATLA	18	5	5	8	6	5	83.33	6	5	83.33	8	8	100
2.01803E+15	181ME11016	VYUVA VINOD SHELAR	16	5	5	6	6	5	83.33	6	5	83.33	8	6	75.00
2.01803E+15	181ME11014	SALEHA SALIM MIRJAKAR	18	6	6	6	6	6	100	6	6	100	8	6	75.00
2.01803E+15	181ME11025	SAURABH BANDU KADASARE	18	5	5	8	6	5	83.33	6	5	83.33	8	8	100
2.01803E+15	181ME11026	ROHIT ANANDA KHANDAGALE	18	6	6	6	6	6	100	6	6	100	8	6	75.00
2.01803E+15	181ME11027	YOGESH PRAKASH CHAVAN	19	6	6	7	6	6	100	6	6	100	8	7	87.50
2.01803E+15	181ME11029	BHARAT DNYANDEV BURUNGALE	20	6	6	8	6	6	100	6	6	100	8	8	100
2.01803E+15	181ME11030	GHANASHAM SHASHIKANT CHITARI	18	5	5	8	6	5	83.33	6	5	83.33	8	8	100
2.01803E+15	181ME11032	AYUSHI NITIN KALE	16	5	5	6	6	5	83.33	6	5	83.33	8	6	75.00
2.01803E+15	181ME11034	KIRAN VINAYAK HAMBIERAO	15	5	5	5	6	5	83.33	6	5	83.33	8	5	62.50
2.01803E+15	181ME11036	CHANDRAGUPT VINAYAK PARCHANDRAO	18	5	5	8	6	5	83.33	6	5	83.33	8	8	100
2.01803E+15	181ME11037	AKSHAY BALASAHEB PANSARE	18	5	5	8	6	5	83.33	6	5	83.33	8	8	100
2.01803E+15	181ME11038	RAHUL RAJARAM SATAPUTE	20	6	6	8	6	6	100	6	6	100	8	8	100
2.01803E+15	181ME11039	DNYANESHWAR ROHIDAS BANSODE	18	5	5	8	6	5	83.33	6	5	83.33	8	8	100
2.01803E+15	181ME11041	RUTUJA SURESH TARAPURKAR	18	5	5	8	6	5	83.33	6	5	83.33	8	8	100
2.01803E+15	181ME11044	SURAJ DATTATRAY MORE	18	5	5	8	6	5	83.33	6	5	83.33	8	8	100
2.01803E+15	181ME11046	PRUTHIVIRAJ SOMNATH DESHMUKH	16	5	5	6	6	5	83.33	6	5	83.33	8	6	75.00
2.01803E+15	181ME11048	ADITYA VYANKATESH MOTEWAR	16	5	5	6	6	5	83.33	6	5	83.33	8	6	75.00
2.01803E+15	181ME11052	MADHURI VINAYAK PARCHANDRAO	17	5	4	8	6	5	83.33	6	4	66.67	8	8	100
2.01803E+15	181ME11054	GAYATRI VINAYAK JOSHI	18	5	5	8	6	5	83.33	6	5	83.33	8	8	100
2.01803E+15	181ME11057	GANESH SHANKAR TODKAR	18	5	5	8	6	5	83.33	6	5	83.33	8	8	100
2.01803E+15	181ME11058	VASH VYUVA GADEKAR	15	5	5	5	6	5	83.33	6	5	83.33	8	5	62.50
2.01803E+15	181ME11066	SUMEET SUHAS CHAVARE	14	5	5	4	6	5	83.33	6	5	83.33	8	4	50.00
2.01803E+15	181ME11067	SHRADHDHA DATTATRAY GAJAKOSH	18	5	5	8	6	5	83.33	6	5	83.33	8	8	100
2.01803E+15	181ME11073	RUTIK RAMESH GODSE	16	4	4	8	6	4	66.67	6	4	66.67	8	8	100
2.01803E+15	181ME11075	SURESH CHAVAN SAMARTH	16	4	4	8	6	4	66.67	6	4	66.67	8	8	100
2.01803E+15	181ME11076	ONKAR RAJENDRA DEOKAR	18	5	5	8	6	5	83.33	6	5	83.33	8	8	100
2.01803E+15	181ME11078	VAIBHAV NANASAHEB GAUKWAD	16	4	4	8	6	4	66.67	6	4	66.67	8	8	100
2.01803E+15	181ME11079	SACHIN DATTATRAY WAGHMARE	18	5	5	8	6	5	83.33	6	5	83.33	8	8	100
2.01803E+15	181ME11082	SHREEYASH RAJARAM CHAVAN	18	5	5	8	6	5	83.33	6	5	83.33	8	8	100
2.01803E+15	181ME11090	PRAKASH BHIMRAO GHADAGE	15	5	5	5	6	5	83.33	6	5	83.33	8	5	62.50
2.01803E+15	181ME11091	VAIBHAV RAMDAS GAUKWAD	18	5	5	8	6	5	83.33	6	5	83.33	8	8	100
2.01803E+15	181ME11094	PRATHMESH RAMDAS KIRGAT	19	5	6	8	6	5	83.33	6	6	100	8	8	100
2.01803E+15	181ME11096	RAJENDRA ADMANE DHANANJAY	17	5	5	7	6	5	83.33	6	5	83.33	8	7	87.50
2.01803E+15	181ME11097	OMKAR BABASO DANDAGE	17	5	4	8	6	5	83.33	6	4	66.67	8	8	100
2.01803E+15	181ME11099	PRATHAMESH MANOHAR JATKAR	14	5	4	5	6	5	83.33	6	4	66.67	8	5	62.50
2.01803E+15	181ME11101	ATHARV SANTOSH JOSHI	13	4	4	5	6	4	66.67	6	4	66.67	8	5	62.50
2.01803E+15	181ME11102	RUSHKESH VIDYADHAR PATIL	16	5	5	6	6	5	83.33	6	5	83.33	8	6	75.00
2.01803E+15	181ME11104	CHANDRAKANT CHAVAN SAURABH	17	5	5	7	6	5	83.33	6	5	83.33	8	7	87.50
2.01803E+15	181ME11107	SACHIN ASHOK KSHIRSAGAR	19	6	5	8	6	6	100	6	5	83.33	8	8	100
2.01803E+15	181ME11116	DEEPIYOTI DATTATRAY SATHE	20	6	6	8	6	6	100	6	6	100	8	8	100
2.01803E+15	181ME11117	NAMRATA RAJU PARVAT	18	5	5	8	6	5	83.33	6	5	83.33	8	8	100
2.01803E+15	181ME11204	PRANAV PRADIP DISALE	18	5	5	8	6	5	83.33	6	5	83.33	8	8	100
2.01803E+15	181ME11118	DHONDIRA SUL AMOL	16	5	5	6	6	5	83.33	6	5	83.33	8	6	75.00
2.01803E+15	181ME11119	ATISH BALASO JADHAV	16	4	4	8	6	4	66.67	6	4	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	Max. Marks	Obtained Marks	% Marks
2.01803E+15	181ME11001	MANGESH MAHAVIR 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 GAJAKOSH	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	DEEPIYOTI DATTATRAY SATHE	19	19	20	19	95.00
2.01803E+15	181ME11117	NAMRATA RAJU PARVAT	19	19	20	19	95.00
2.01903E+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  $\geq 60$ ) = Level 1  
 (Percentage of students scoring Marks  $\geq 70$ ) = Level 2  
 (Percentage of students scoring Marks  $\geq 80$ ) = 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: 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 MAHAVIR MISAL	18	8	10	10	8	80.00	10	10	100			
2.01803E+15	181ME11002	NIKHIL DILIP MUNDHE	18	10	8	10	10	100	10	8	80.00			
2.01803E+15	181ME11008	VAISHNAVI MAHESH 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 MIRJKAR	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	CHANDRAGUPT 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	SHRADHHA 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	PRATHMESH 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	DEEPPYOTI 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			
2.01903E+15	191ME12004	PRANAY PRADIP DISALE	20	10	10	10	10	100	10	10	100			
2.01803E+15	T181ME11118	DHONDIBA 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  $\geq 60$ ) = Level 1

(Percentage of students scoring Marks  $\geq 70$ ) = Level 2

(Percentage of students scoring Marks  $\geq 80$ ) = Level 3

**SVERFS 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-2  
 TOOL MAX MARKS: 20

PRN NO.	Roll No.	Name of Student	Linked CO	ME215-19.4	ME215-19.2	ME215-19.3	ME215-19.2			ME215-19.3			ME215-19.4		
			Max. Marks	6	5	8	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks
			Q. No. / Total Obtained Marks	Q1	Q2	Q3									
2.01803E+15	181ME11001	MANGESH MAHAVIR MISAL	16	5	5	6	6	5	83.33	8	6	75.00	6	5	83.33
2.01803E+15	181ME11002	NIKHIL DILIP MUNDHIE	18	5	5	8	6	5	83.33	8	8	100	6	5	83.33
2.01803E+15	181ME11008	VAISHNAVI MAHESH LAKHERRI	15	5	5	5	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	181ME11009	MILIND SHASHIKANT JAGADALE	19	5	6	8	6	6	100	8	8	100	6	5	83.33
2.01803E+15	181ME11014	KOMAL REVANSIDHESHWAR ACHUGATLA	15	5	5	5	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	181ME11016	VYUVAJ VINOD SHELAR	15	5	5	5	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	181ME11014	SALEHA SALIM MIRJAKAR	16	5	5	6	6	5	83.33	8	6	75.00	6	5	83.33
2.01803E+15	181ME11025	SAURABH BANDU KADASARE	18	5	5	8	6	5	83.33	8	8	100	6	5	83.33
2.01803E+15	181ME11026	ROHIT ANANDA KHANDAGALE	16	4	4	8	6	4	66.67	8	8	100	6	4	66.67
2.01803E+15	181ME11027	YOGESH PRAKASH CHAVAN	16	4	4	8	6	4	66.67	8	8	100	6	4	66.67
2.01803E+15	181ME11029	BHARAT DNYANDEV BURUNGALE	17	5	5	7	6	5	83.33	8	7	87.50	6	5	83.33
2.01803E+15	181ME11030	GHANASHAM SHASHIKANT CHITARI	15	5	5	5	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	181ME11032	AYUSH NITIN KALE	16	4	4	8	6	4	66.67	8	8	100	6	4	66.67
2.01803E+15	181ME11034	KIRAN VINAYAK HAMBIERAO	15	4	4	7	6	4	66.67	8	7	87.50	6	4	66.67
2.01803E+15	181ME11036	CHANDRAGUPT VINAYAK PARCHANDRAO	15	5	5	5	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	181ME11037	AKSHAY BALASAHEB PANSARE	15	5	5	5	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	181ME11038	RAHUL RAJARAM SATAPUTE	18	6	6	6	6	6	100	8	6	75.00	6	6	100
2.01803E+15	181ME11039	DNYANESHWAR ROHIDAS BANSODE	15	5	5	5	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	181ME11041	RUTUJA SURESH TARAPURKAR	12	4	4	4	6	4	66.67	8	4	50.00	6	4	66.67
2.01803E+15	181ME11044	SURAJ DATTATRAY MORE	18	6	6	6	6	6	100	8	6	75.00	6	6	100
2.01803E+15	181ME11046	PRUTHIVIRAJ SOMNATH DESHMUKH	15	5	5	5	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	181ME11048	ADITYA VYANKATESH MOTEWAR	17	6	6	5	6	6	100	8	5	62.50	6	6	100
2.01803E+15	181ME11052	MADHURI VINAYAK PARCHANDRAO	17	5	5	7	6	5	83.33	8	7	87.50	6	5	83.33
2.01803E+15	181ME11054	GAYATRI VINAYAK JOSHI	18	6	6	6	6	6	100	8	6	75.00	6	6	100
2.01803E+15	181ME11057	GANESH SHANKAR TODKAR	15	5	5	5	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	181ME11058	VASH VYUVAJ GADEKAR	15	5	5	5	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	181ME11066	SUMEET SUHAS CHAVARE	15	5	5	5	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	181ME11067	SHRADHDHA DATTATRAY GAJAKOSH	18	5	5	8	6	5	83.33	8	8	100	6	5	83.33
2.01803E+15	181ME11073	RUTIK RAMESH GODSE	16	6	5	5	6	5	83.33	8	5	62.50	6	6	100
2.01803E+15	181ME11075	SURESH CHAVAN SAMARTH	15	5	5	5	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	181ME11076	ONKAR RAJENDRA DEOKAR	18	6	6	6	6	6	100	8	6	75.00	6	6	100
2.01803E+15	181ME11078	VAIBHAV NANASAHEB GAIKWAD	18	6	6	6	6	6	100	8	6	75.00	6	6	100
2.01803E+15	181ME11079	SACHIN DATTATRAY WAGHMARE	18	5	6	7	6	6	100	8	7	87.50	6	5	83.33
2.01803E+15	181ME11082	SHREEYASH RAJARAM CHAVAN	18	6	6	6	6	6	100	8	6	75.00	6	6	100
2.01803E+15	181ME11090	PRAKASH BHIMRAO GHADAGE	15	5	5	5	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	181ME11091	VAIBHAV RAMDAS GAIKWAD	16	6	5	5	6	5	83.33	8	5	62.50	6	6	100
2.01803E+15	181ME11094	PRATHMESH RAMSING KIRGAT	18	6	6	6	6	6	100	8	6	75.00	6	6	100
2.01803E+15	181ME11096	RAJENDRA ADMANE DHANANJAY	15	5	5	5	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	181ME11097	OMKAR BABASO DANDAGE	15	5	5	5	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	181ME11099	PRATHAMESH MANOHAR JATKAR	15	5	5	5	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	181ME11101	ATHARV SANTOSH JOSHI	12	4	4	4	6	4	66.67	8	4	50.00	6	4	66.67
2.01803E+15	181ME11102	RUSHIKESH VIDYADHAR PATIL	15	5	5	5	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	181ME11104	CHANDRAKANT CHAVAN SAURABH	15	5	5	5	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	181ME11107	SACHIN ASHOK KSHIRSAGAR	18	6	6	6	6	6	100	8	6	75.00	6	6	100
2.01803E+15	181ME11116	DEEPIYOTI DATTATRAY SATHE	18	6	6	6	6	6	100	8	6	75.00	6	6	100
2.01803E+15	181ME11117	NAMRATA RAJU PARVAT	18	6	6	6	6	6	100	8	6	75.00	6	6	100
2.01803E+15	181ME11204	PRANAV PRADIP DISALE	18	6	6	6	6	6	100	8	6	75.00	6	6	100
2.01803E+15	181ME11118	DHONDIRA SUL AMOL	15	5	5	5	6	5	83.33	8	5	62.50	6	5	83.33
2.01803E+15	181ME11119	ATISH BALASO JADHAV	15	5	5	5	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: THT-3  
 TOOL MAX. MARKS: 20

PRN NO.	Roll No.	Name of Student	Linked CO	ME215-19.6	ME215-19.5	ME215-19.5	ME215-19.5			ME215-19.6		
			Max. Marks	12	2	6	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks
			Q. No. / Total Obtained Marks	Q1	Q2	Q3						
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 JAGADALE	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 MIRJAKAR	16	10	2	4	8	6	75.00	12	10	83.33
2.01803E+15	181ME11025	SAURABH 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 BURLINGALE	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	CHANDRAGUPT 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	PRUTHIVIRAJ 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 TODKAR	19	12	1	6	8	7	87.50	12	12	100
2.01803E+15	181ME11058	YASH YUVRAJ 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	SHRADHIA DATTATRAY GAJAKOSHI	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	PRATHMESH 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 SAURABH	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	DEEPPYOTI DATTATRAY SATHE	20	12	2	6	8	8	100	12	12	100
2.01803E+15	181ME11117	NAMRATA RARU PARVAT	16	10	1	5	8	6	75.00	12	10	83.33
2.01903E+15	191ME12004	PRANAY PRADIP DISALE	19	11	2	6	8	8	100	12	11	91.67
2.01803E+15	T181ME11118	DHONIDIBA SUL AMOL	20	12	2	6	8	8	100	12	12	100
2.01803E+15	T181ME11119	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  $\geq 60$ ) = Level 1

(Percentage of students scoring Marks  $\geq 70$ ) = Level 2

(Percentage of students scoring Marks  $\geq 80$ ) = 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	Max. Marks	Obtained Marks	% Marks
			Q. No. / Total Obtained Marks	Q1			
2.01803E+15	181ME11001	MANGESH MAHAVIR MISAL	18	18	20	18	90.00
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	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 GAJAKOSH	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	DEEPIYOTI 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  $\geq 60$ ) = Level 1  
 (Percentage of students scoring Marks  $\geq 70$ ) = Level 2  
 (Percentage of students scoring Marks  $\geq 80$ ) = 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	Max. Marks	Obtained Marks	% Marks
			Q. No. / Total Obtained Marks	Q1			
2.01803E+15	181ME11001	MANGESH MAHAVIR 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 GAJAKOSH	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	DEEPIYOTI 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  $\geq 60$ ) = Level 1  
 (Percentage of students scoring Marks  $\geq 70$ ) = Level 2  
 (Percentage of students scoring Marks  $\geq 80$ ) = 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: LAB BOOK  
 TOOL MAX. MARKS: 200

PRN NO.	Roll No.	Name of Student	Linked CO		ME215-19.1	ME215-19.2	ME215-19.2	ME215-19.5	ME215-19.2	ME215-19.5	ME215-19.6	ME215-19.2	ME215-19.1		ME215-19.2		ME215-19.5		ME215-19.6						
			Max. Marks		25	25	25	25	25	25	25	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks	Max. Marks	Obtained Marks	% Marks		
			Experiment No.	Total Obtained Marks	E1	E2	E3	E4	E5	E6	E7													E8	
2.01803E+15	181ME11001	MANGESH MAHAVIR MISAL	192	24	24	24	24	24	24	24	24	24	25	24	96.00	100	96	96.00	50	48	96.00	25	24	96.00	
2.01803E+15	181ME11002	NIKHIL DILIP MUNDHE	192	24	24	24	24	24	24	24	24	24	25	24	96.00	100	96	96.00	50	48	96.00	25	24	96.00	
2.01803E+15	181ME11008	VASHINAVI MAHESH LAKHERI	192	24	24	24	24	24	24	24	24	24	25	24	96.00	100	96	96.00	50	48	96.00	25	24	96.00	
2.01803E+15	181ME11009	MILIND SHASHIKANT JAGADALE	195	25	25	25	24	24	24	24	24	24	25	25	100	100	98	98.00	50	48	96.00	25	24	96.00	
2.01803E+15	181ME11014	KOMAL REVANSIDDHESHWAR ACHURATIA	192	24	24	24	24	24	24	24	24	24	25	24	96.00	100	96	96.00	50	48	96.00	25	24	96.00	
2.01803E+15	181ME11016	YUVRAJ VINOD SHELAR	176	22	22	22	22	22	22	22	22	22	25	22	88.00	100	88	88.00	50	44	88.00	25	22	88.00	
2.01803E+15	181ME11018	SALUHA SAJIM MIRKAR	190	22	24	24	24	24	24	24	24	24	25	22	88.00	100	96	96.00	50	48	96.00	25	24	96.00	
2.01803E+15	181ME11025	SALURABI BANSU KADASARE	190	24	24	24	23	23	23	24	24	24	25	24	96.00	100	95	95.00	50	47	94.00	25	24	96.00	
2.01803E+15	181ME11026	ROHIT ANANDA KHANDAGALE	188	24	24	24	24	23	23	23	23	23	25	24	96.00	100	94	94.00	50	47	94.00	25	23	92.00	
2.01803E+15	181ME11027	YOGESH PRAKASH CHAVAN	181	22	22	22	23	23	23	23	23	23	25	22	88.00	100	90	90.00	50	46	92.00	25	23	92.00	
2.01803E+15	181ME11029	BHARAT DNYANDEV BURLINGALE	192	24	24	24	24	24	24	24	24	24	25	24	96.00	100	96	96.00	50	48	96.00	25	24	96.00	
2.01803E+15	181ME11030	GHANASHAM SHASHIKANT CHITARI	181	22	22	22	23	23	23	23	23	23	25	22	88.00	100	90	90.00	50	46	92.00	25	23	92.00	
2.01803E+15	181ME11032	AYUSH NITIN KALE	180	22	22	22	22	23	23	23	23	23	25	22	88.00	100	90	90.00	50	45	90.00	25	23	92.00	
2.01803E+15	181ME11034	KIRAN VINAYAK HAMBERRAO	186	24	24	24	24	24	22	22	22	22	25	24	96.00	100	94	94.00	50	46	92.00	25	22	88.00	
2.01803E+15	181ME11036	CHANDRAGOPI VINAYAK PARCHANDRAO	190	23	23	24	24	24	24	24	24	24	25	23	92.00	100	95	95.00	50	48	96.00	25	24	96.00	
2.01803E+15	181ME11037	AKSHAY BALASAHEB PANNARE	184	23	23	23	23	23	23	23	23	23	25	23	92.00	100	92	92.00	50	46	92.00	25	23	92.00	
2.01803E+15	181ME11038	RAHUL RAJARAM SAKTAPUTE	195	24	24	24	24	25	25	25	24	25	24	25	24	96.00	100	97	97.00	50	49	98.00	25	25	100
2.01803E+15	181ME11039	DNYANESHWAR ROHIDAS BANSODE	184	23	23	23	23	23	23	23	23	23	25	23	92.00	100	92	92.00	50	46	92.00	25	23	92.00	
2.01803E+15	181ME11041	RUTUJA SURESH TARAPURKAR	176	22	22	22	22	22	22	22	22	22	25	22	88.00	100	88	88.00	50	44	88.00	25	22	88.00	
2.01803E+15	181ME11044	SURAJ DATTATRAY MORE	192	24	24	24	25	24	24	24	24	24	25	24	96.00	100	97	97.00	50	48	96.00	25	23	92.00	
2.01803E+15	181ME11046	PRUTHIVIRAJ SONNATH DESHMUKH	186	22	22	23	23	24	24	24	24	24	25	22	88.00	100	93	93.00	50	47	94.00	25	24	96.00	
2.01803E+15	181ME11048	ADITYA VYANKATESH MOTENAR	187	24	24	24	24	23	23	23	23	23	25	24	96.00	100	94	94.00	50	46	92.00	25	23	92.00	
2.01803E+15	181ME11052	MAHURI VINAYAK PARCHANDRAO	193	24	24	24	24	24	25	25	25	22	25	24	96.00	100	95	95.00	50	49	98.00	25	25	100	
2.01803E+15	181ME11054	GAYATHI VINAYAK JOSHI	190	24	24	24	24	24	24	24	24	23	25	24	96.00	100	95	95.00	50	48	96.00	25	23	92.00	
2.01803E+15	181ME11057	GANESH SHANKAR TOOKAR	187	23	23	23	23	23	24	24	24	24	25	23	92.00	100	93	93.00	50	47	94.00	25	24	96.00	
2.01803E+15	181ME11058	YASHI YUVRAJ GADEKAR	185	24	23	23	23	23	23	23	23	23	25	24	96.00	100	92	92.00	50	46	92.00	25	23	92.00	
2.01803E+15	181ME11066	SUNDEET SUHAS CHAVARE	180	22	22	22	22	22	23	23	23	23	25	22	88.00	100	90	90.00	50	45	90.00	25	23	92.00	
2.01803E+15	181ME11067	SHRADHA DATTATRAY GAJAKOSHI	194	24	24	24	25	25	24	24	24	24	25	24	96.00	100	97	97.00	50	49	98.00	25	24	96.00	
2.01803E+15	181ME11073	RUTIK KANISH GOGNE	184	22	22	23	23	24	24	24	24	23	25	22	88.00	100	92	92.00	50	47	94.00	25	23	92.00	
2.01803E+15	181ME11075	SURESH CHAVAN SAMARTH	182	22	22	23	23	23	23	23	23	23	25	22	88.00	100	92	92.00	50	46	92.00	25	23	92.00	
2.01803E+15	181ME11076	ONKAR RAJENDRA DEOKAR	189	24	24	24	24	24	24	23	23	23	25	24	96.00	100	95	95.00	50	47	94.00	25	23	92.00	
2.01803E+15	181ME11078	VAMBHAN NANASAHEB GAIKWAD	184	23	23	23	23	23	23	23	23	23	25	23	92.00	100	92	92.00	50	46	92.00	25	23	92.00	
2.01803E+15	181ME11079	SACHIN DATTATRAY WAGHMARE	188	24	24	24	24	23	23	23	23	23	25	24	96.00	100	94	94.00	50	47	94.00	25	23	92.00	
2.01803E+15	181ME11082	SHREEYASH RAJARAM CHAVAN	181	22	22	22	23	23	23	23	23	23	25	22	88.00	100	90	90.00	50	46	92.00	25	23	92.00	
2.01803E+15	181ME11090	PRAKASH BHIMRAO GHADAGE	176	22	22	22	22	22	22	22	22	22	25	22	88.00	100	88	88.00	50	44	88.00	25	22	88.00	
2.01803E+15	181ME11091	VAMBHAV RAMDAS GAIKWAD	176	22	22	22	22	22	22	22	22	22	25	22	88.00	100	88	88.00	50	44	88.00	25	22	88.00	
2.01803E+15	181ME11094	PRATHMESH RAMESH KIRGAT	189	23	24	25	25	25	23	23	23	23	25	23	92.00	100	95	95.00	50	48	96.00	25	23	92.00	
2.01803E+15	181ME11096	RAJENDRA ADMANE DHANANJAY	184	22	23	23	23	23	24	23	23	23	25	22	88.00	100	93	93.00	50	46	92.00	25	23	92.00	
2.01803E+15	181ME11097	OMKAR BABASA DANDAGE	183	22	23	23	23	23	23	23	23	23	25	22	88.00	100	92	92.00	50	46	92.00	25	23	92.00	
2.01803E+15	181ME11099	PRATHAMESH MANOHAR JATKAR	188	24	24	24	24	24	23	23	23	23	25	24	96.00	100	94	94.00	50	47	94.00	25	23	92.00	
2.01803E+15	181ME11101	ATHARY SANTOSH JOSHI	176	22	22	22	22	22	22	22	22	22	25	22	88.00	100	88	88.00	50	44	88.00	25	22	88.00	
2.01803E+15	181ME11102	RUSHIKESH VIDYADHAR PATIL	184	23	23	23	23	23	23	23	23	23	25	23	92.00	100	92	92.00	50	46	92.00	25	23	92.00	
2.01803E+15	181ME11104	CHANDRAKANT CHAVAN SAURABHI	187	24	23	23	23	23	23	24	24	24	25	24	96.00	100	93	93.00	50	46	92.00	25	24	96.00	
2.01803E+15	181ME11107	SACHIN ANKOK KSHIRSAGAR	193	24	24	24	25	24	24	24	24	24	25	24	96.00	100	97	97.00	50	48	96.00	25	24	96.00	
2.01803E+15	181ME11116	DIPYOTI DATTATRAY SATHE	196	24	24	24	25	25	25	25	24	25	24	25	24	96.00	100	97	97.00	50	50	100	25	25	100
2.01803E+15	181ME11117	NAMRATA RAJU PARVAT	196	24	24	24	25	25	25	25	25	24	25	24	96.00	100	97	97.00	50	50	100	25	25	100	
2.01803E+15	191ME12084	PRANAY PRADIP DESALE	195	24	24	24	25	25	25	25	24	24	25	24	96.00	100	97	97.00	50	50	100	25	24	96.00	
2.01803E+15	181ME11118	DHONDRA KULAMOL	188	24	24	24	23	24	23	23	23	23	25	24	96.00	100	95	95.00	50	46	92.00	25	23	92.00	
2.01803E+15	181ME11119	ATISH BALASO JADHAV	183	22	23	23	23	23	23	23	23	23	25	22	88.00	100	92	92.00	50	46	92.00	25	23	92.00	

Number of Students: 49

**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
% Students	100	100	100	100
Attainment Level	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

**SVER'S COLLEGE OF ENGINEERING, PANDHARPUR**  
**TOOL CO ATTAINMENT REPORT**  
 AC ACADEMIC YEAR: 2015-2016  
 DEPARTMENT: MECHANICAL ENGINEERING  
 PROGRAM: UNDERGRADUATE IN MECHANICAL ENGINEERING  
 CLASS: SECOND YEAR  
 COURSE: INTERNAL COMBUSTION ENGINES (ME215-19)  
 TOOL NAME: ASSIGNMENT  
 TOOL MARKS: 200

PIS No.	Roll No.	Name of Student	Internal CO Marks		ME215-19.1		ME215-19.2		ME215-19.3		ME215-19.4		ME215-19.5		ME215-19.6		ME215-19.7		ME215-19.8		ME215-19.9		ME215-19.10		ME215-19.11		ME215-19.12		ME215-19.13		ME215-19.14		ME215-19.15		ME215-19.16		ME215-19.17		ME215-19.18		ME215-19.19		ME215-19.20		ME215-19.21		ME215-19.22		ME215-19.23		ME215-19.24		ME215-19.25		ME215-19.26		ME215-19.27		ME215-19.28		ME215-19.29		ME215-19.30		ME215-19.31		ME215-19.32		ME215-19.33		ME215-19.34		ME215-19.35		ME215-19.36		ME215-19.37		ME215-19.38		ME215-19.39		ME215-19.40		ME215-19.41		ME215-19.42		ME215-19.43		ME215-19.44		ME215-19.45		ME215-19.46		ME215-19.47		ME215-19.48		ME215-19.49		ME215-19.50		ME215-19.51		ME215-19.52		ME215-19.53		ME215-19.54		ME215-19.55		ME215-19.56		ME215-19.57		ME215-19.58		ME215-19.59		ME215-19.60		ME215-19.61		ME215-19.62		ME215-19.63		ME215-19.64		ME215-19.65		ME215-19.66		ME215-19.67		ME215-19.68		ME215-19.69		ME215-19.70		ME215-19.71		ME215-19.72		ME215-19.73		ME215-19.74		ME215-19.75		ME215-19.76		ME215-19.77		ME215-19.78		ME215-19.79		ME215-19.80		ME215-19.81		ME215-19.82		ME215-19.83		ME215-19.84		ME215-19.85		ME215-19.86		ME215-19.87		ME215-19.88		ME215-19.89		ME215-19.90		ME215-19.91		ME215-19.92		ME215-19.93		ME215-19.94		ME215-19.95		ME215-19.96		ME215-19.97		ME215-19.98		ME215-19.99		ME215-19.100		ME215-19.101		ME215-19.102		ME215-19.103		ME215-19.104		ME215-19.105		ME215-19.106		ME215-19.107		ME215-19.108		ME215-19.109		ME215-19.110		ME215-19.111		ME215-19.112		ME215-19.113		ME215-19.114		ME215-19.115		ME215-19.116		ME215-19.117		ME215-19.118		ME215-19.119		ME215-19.120		ME215-19.121		ME215-19.122		ME215-19.123		ME215-19.124		ME215-19.125		ME215-19.126		ME215-19.127		ME215-19.128		ME215-19.129		ME215-19.130		ME215-19.131		ME215-19.132		ME215-19.133		ME215-19.134		ME215-19.135		ME215-19.136		ME215-19.137		ME215-19.138		ME215-19.139		ME215-19.140		ME215-19.141		ME215-19.142		ME215-19.143		ME215-19.144		ME215-19.145		ME215-19.146		ME215-19.147		ME215-19.148		ME215-19.149		ME215-19.150		ME215-19.151		ME215-19.152		ME215-19.153		ME215-19.154		ME215-19.155		ME215-19.156		ME215-19.157		ME215-19.158		ME215-19.159		ME215-19.160		ME215-19.161		ME215-19.162		ME215-19.163		ME215-19.164		ME215-19.165		ME215-19.166		ME215-19.167		ME215-19.168		ME215-19.169		ME215-19.170		ME215-19.171		ME215-19.172		ME215-19.173		ME215-19.174		ME215-19.175		ME215-19.176		ME215-19.177		ME215-19.178		ME215-19.179		ME215-19.180		ME215-19.181		ME215-19.182		ME215-19.183		ME215-19.184		ME215-19.185		ME215-19.186		ME215-19.187		ME215-19.188		ME215-19.189		ME215-19.190		ME215-19.191		ME215-19.192		ME215-19.193		ME215-19.194		ME215-19.195		ME215-19.196		ME215-19.197		ME215-19.198		ME215-19.199		ME215-19.200		ME215-19.201		ME215-19.202		ME215-19.203		ME215-19.204		ME215-19.205		ME215-19.206		ME215-19.207		ME215-19.208		ME215-19.209		ME215-19.210		ME215-19.211		ME215-19.212		ME215-19.213		ME215-19.214		ME215-19.215		ME215-19.216		ME215-19.217		ME215-19.218		ME215-19.219		ME215-19.220		ME215-19.221		ME215-19.222		ME215-19.223		ME215-19.224		ME215-19.225		ME215-19.226		ME215-19.227		ME215-19.228		ME215-19.229		ME215-19.230		ME215-19.231		ME215-19.232		ME215-19.233		ME215-19.234		ME215-19.235		ME215-19.236		ME215-19.237		ME215-19.238		ME215-19.239		ME215-19.240		ME215-19.241		ME215-19.242		ME215-19.243		ME215-19.244		ME215-19.245		ME215-19.246		ME215-19.247		ME215-19.248		ME215-19.249		ME215-19.250		ME215-19.251		ME215-19.252		ME215-19.253		ME215-19.254		ME215-19.255		ME215-19.256		ME215-19.257		ME215-19.258		ME215-19.259		ME215-19.260		ME215-19.261		ME215-19.262		ME215-19.263		ME215-19.264		ME215-19.265		ME215-19.266		ME215-19.267		ME215-19.268		ME215-19.269		ME215-19.270		ME215-19.271		ME215-19.272		ME215-19.273		ME215-19.274		ME215-19.275		ME215-19.276		ME215-19.277		ME215-19.278		ME215-19.279		ME215-19.280		ME215-19.281		ME215-19.282		ME215-19.283		ME215-19.284		ME215-19.285		ME215-19.286		ME215-19.287		ME215-19.288		ME215-19.289		ME215-19.290		ME215-19.291		ME215-19.292		ME215-19.293		ME215-19.294		ME215-19.295		ME215-19.296		ME215-19.297		ME215-19.298		ME215-19.299		ME215-19.300		ME215-19.301		ME215-19.302		ME215-19.303		ME215-19.304		ME215-19.305		ME215-19.306		ME215-19.307		ME215-19.308		ME215-19.309		ME215-19.310		ME215-19.311		ME215-19.312		ME215-19.313		ME215-19.314		ME215-19.315		ME215-19.316		ME215-19.317		ME215-19.318		ME215-19.319		ME215-19.320		ME215-19.321		ME215-19.322		ME215-19.323		ME215-19.324		ME215-19.325		ME215-19.326		ME215-19.327		ME215-19.328		ME215-19.329		ME215-19.330		ME215-19.331		ME215-19.332		ME215-19.333		ME215-19.334		ME215-19.335		ME215-19.336		ME215-19.337		ME215-19.338		ME215-19.339		ME215-19.340		ME215-19.341		ME215-19.342		ME215-19.343		ME215-19.344		ME215-19.345		ME215-19.346		ME215-19.347		ME215-19.348		ME215-19.349		ME215-19.350		ME215-19.351		ME215-19.352		ME215-19.353		ME215-19.354		ME215-19.355		ME215-19.356		ME215-19.357		ME215-19.358		ME215-19.359		ME215-19.360		ME215-19.361		ME215-19.362		ME215-19.363		ME215-19.364		ME215-19.365		ME215-19.366		ME215-19.367		ME215-19.368		ME215-19.369		ME215-19.370		ME215-19.371		ME215-19.372		ME215-19.373		ME215-19.374		ME215-19.375		ME215-19.376		ME215-19.377		ME215-19.378		ME215-19.379		ME215-19.380		ME215-19.381		ME215-19.382		ME215-19.383		ME215-19.384		ME215-19.385		ME215-19.386		ME215-19.387		ME215-19.388		ME215-19.389		ME215-19.390		ME215-19.391		ME215-19.392		ME215-19.393		ME215-19.394		ME215-19.395		ME215-19.396		ME215-19.397		ME215-19.398		ME215-19.399		ME215-19.400		ME215-19.401		ME215-19.402		ME215-19.403		ME215-19.404		ME215-19.405		ME215-19.406		ME215-19.407		ME215-19.408		ME215-19.409		ME215-19.410		ME215-19.411		ME215-19.412		ME215-19.413		ME215-19.414		ME215-19.415		ME215-19.416		ME215-19.417		ME215-19.418		ME215-19.419		ME215-19.420		ME215-19.421		ME215-19.422		ME215-19.423		ME215-19.424		ME215-19.425		ME215-19.426		ME215-19.427		ME215-19.428		ME215-19.429		ME215-19.430		ME215-19.431		ME215-19.432		ME215-19.433		ME215-19.434		ME215-19.435		ME215-19.436		ME215-19.437		ME215-19.438		ME215-19.439		ME215-19.440		ME215-19.441		ME215-19.442		ME215-19.443		ME215-19.444		ME215-19.445		ME215-19.446		ME215-19.447		ME215-19.448		ME215-19.449		ME215-19.450		ME215-19.451		ME215-19.452		ME215-19.453		ME215-19.454		ME215-19.455		ME215-19.456		ME215-19.457		ME215-19.458		ME215-19.459		ME215-19.460		ME215-19.461		ME215-19.462		ME215-19.463		ME215-19.464		ME215-19.465		ME215-19.466		ME215-19.467		ME215-19.468		ME215-19.469		ME215-19.470		ME215-19.471		ME215-19.472		ME215-19.473		ME215-19.474		ME215-19.475		ME215-19.476		ME215-19.477		ME215-19.478		ME215-19.479		ME215-19.480		ME215-19.481		ME215-19.482		ME215-19.483		ME215-19.484		ME215-19.485		ME215-19.486		ME215-19.487		ME215-19.488		ME215-19.489		ME215-19.490		ME215-19.491		ME215-19.492		ME215-19.493		ME215-19.494		ME215-19.495		ME215-19.496		ME215-19.497		ME215-19.498		ME215-19.499		ME215-19.500		ME215-19.501		ME215-19.502		ME215-19.503		ME215-19.504		ME215-19.505		ME215-19.506		ME215-19.507		ME215-19.508		ME215-19.509		ME215-19.510		ME215-19.511		ME215-19.512		ME215-19.513		ME215-19.514		ME215-19.515		ME215-19.516		ME215-19.517		ME215-19.518		ME215-19.519		ME215-19.520		ME215-19.521		ME215-19.522		ME215-19.523		ME215-19.524		ME215-19.525		ME215-19.526		ME215-19.527		ME215-19.528		ME215-19.529		ME215-19.530		ME215-19.531		ME215-19.532		ME215-19.533		ME215-19.534		ME215-19.535		ME215-19.536		ME215-19.537		ME215-19.538		ME215-19.539		ME215-19.540		ME215-19.541		ME215-19.542		ME215-19.543		ME215-19.544		ME215-19.545		ME215-19.546		ME215-19.547		ME215-19.548		ME215-19.549		ME215-19.550		ME215-19.551		ME215-19.552		ME215-19.553		ME215-19.554		ME215-19.555		ME215-19.556		ME215-19.557		ME215-19.558		ME215-19.559		ME215-19.560		ME215-19.561		ME215-19.562		ME215-19.563		ME215-19.564		ME215-19.565		ME215-19.566		ME215-19.567		ME215-19.568		ME215-19.569		ME215-19.570		ME215-19.571		ME215-19.572		ME215-19.573		ME215-19.574		ME215-19.575		ME215-19.576		ME215-19.577		ME215-19.578		ME215-19.579		ME215-19.580		ME215-19.581		ME215-19.582		ME215-19.583		ME215-19.584		ME215-19.585		ME215-19.586		ME215-19.587		ME215-19.588		ME215-19.589		ME215-19.590		ME215-19.591		ME215-19.592		ME215-19.593		ME215-19.594		ME215-19.595		ME215-19.596		ME215-19.597		ME215-19.598		ME215-19.599		ME215-19.600		ME215-19.601		ME215-19.602		ME215-19.603		ME215-19.604		ME215-19.605		ME215-19.606		ME215-19.607		ME215-19.608		ME215-19.609		ME215-19.610		ME215-19.611		ME215-19.612		ME215-19.613		ME215-19.614		ME215-19.615		ME215-19.616		ME215-19.617		ME215-19.618		ME215-19.619		ME215-19.620		ME215-19.621		ME215-19.622		ME215-19.623		ME215-19.624		ME215-19.625		ME215-19.626		ME215-19.627		ME215-19.628		ME215-19.629		ME215-19.630		ME215-19.631		ME215-19.632		ME215-19.633		ME215-19.634		ME215-19.635		ME215-19.636		ME215-19.637		ME215-19.638		ME215-19.639		ME215-19.640		ME215-19.641		ME215-19.642		ME215-19.643		ME215-19.644		ME215-19.645		ME215-19.646		ME215-19.647		ME215-19.648		ME215-19.649		ME215-19.650		ME215-19.651		ME215-19.652		ME215-19.653		ME215-19.654		ME215-19.655	
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TOOL NAME: PFPE  
TOOL MAX. MARKS: 80

Number of Students: 49

Tool CO Attainment

Target Level(%): 40

### Tool CO Attainment

Target Level(%) 40

Attainment Level  
(Percentage of students scoring Marks  $\geq 60$ ) = Level 1  
(Percentage of students scoring Marks  $\geq 70$ ) = Level 2  
(Percentage of students scoring Marks  $\geq 80$ ) = 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
<b>Attainment through Board Exam</b>		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
<b>Attainment through Internal Assessment</b>		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	<b>Attainment through Board Exam</b>	3.00	3.00	3.00	3.00	3.00	3.00	3.00
2	<b>Attainment Through Internal Assessment</b>	3.00	3.00	2.83	3.00	2.71	3.00	2.92
<b>Direct Attainment</b>		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

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](mailto:coe@sveri.ac.in), Website: [www.sveri.ac.in](http://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



www.tuv.com  
ID: 9105048196

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/\*\*](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/>

**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/>

**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/>

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**

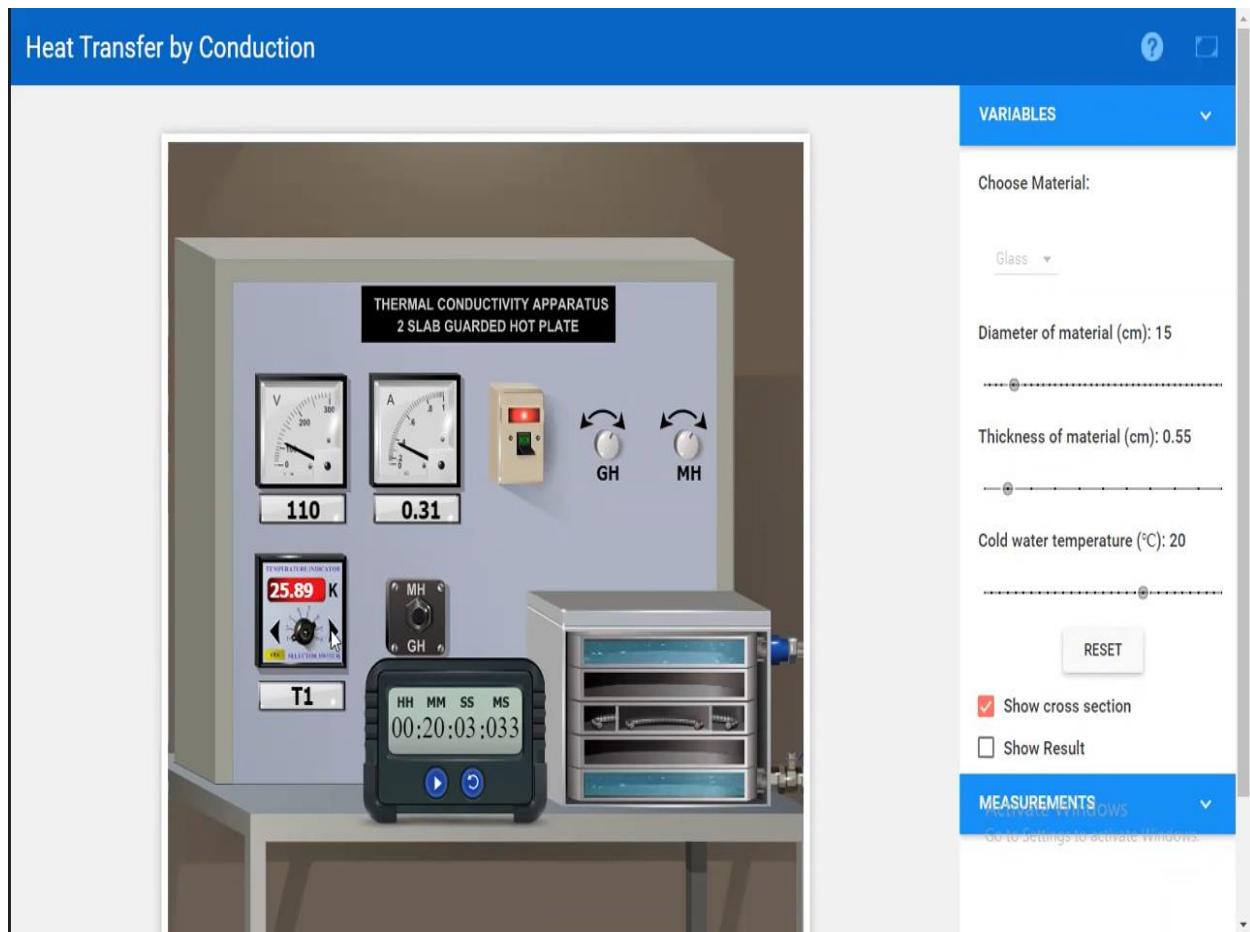
## Virtual laboratories:

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.

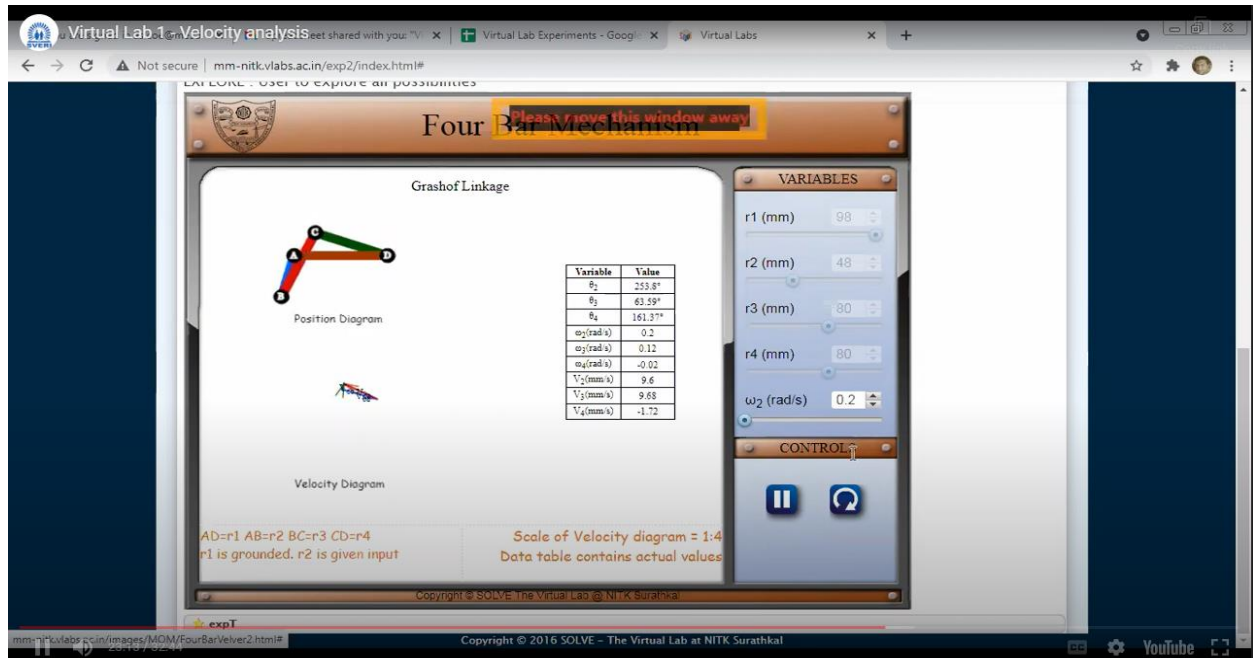
You Tube Link- <https://www.youtube.com/watch?v=nluhNzpbtvM>



## 2. Subject- Theory of Machines.

Name of Experiment- Velocity Analysis of Grashof four bar mechanism.

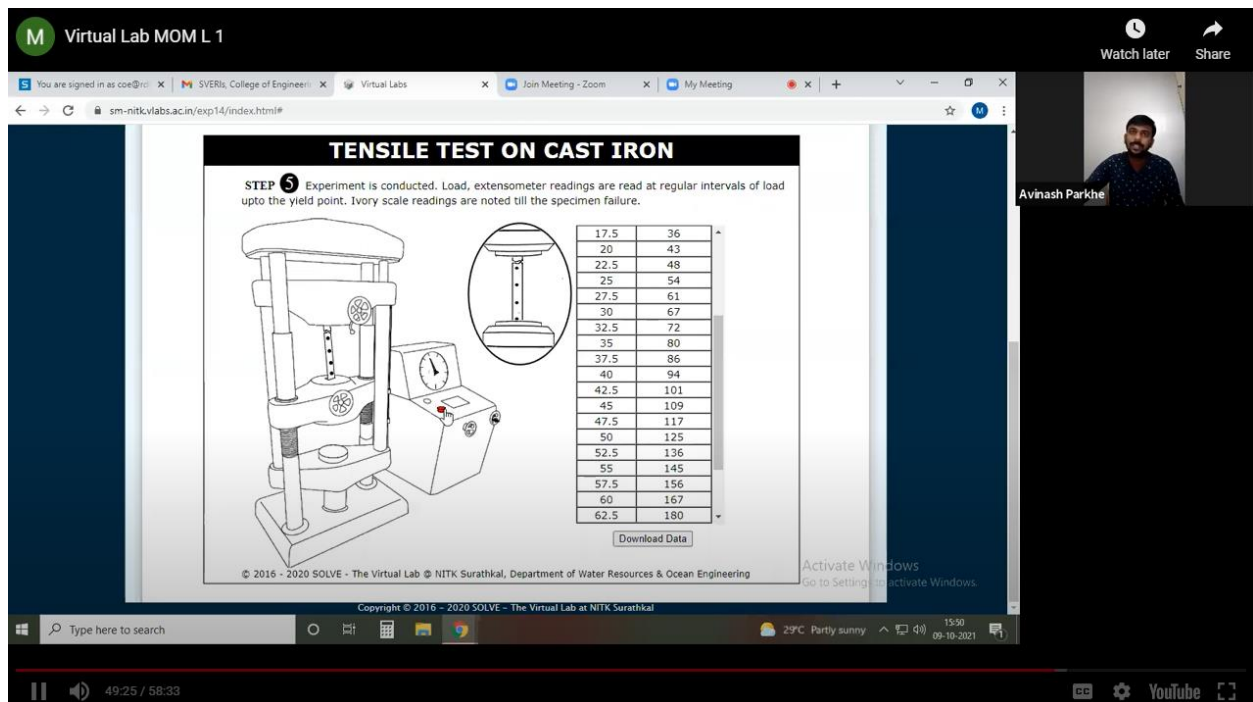
You Tube Link- <https://www.youtube.com/watch?v=bckbE2KXWWM>



## 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**



A.Y. 2019-20



Home Records Welcome, Pankaj Gaikwad

Search By

College Name

Virtual Area :

Lab Name :

Experiment Name :

State Name

From date :

To date :

Search

Statistical View Graphical View

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)
<a href="mailto:ddronge@coe.sveri.ac.in">ddronge@coe.sveri.ac.in</a>	Mechanical Engineering	Mechanics of Machines Lab	Position analysis of Grashof four bar mechanism	0 : 0 : 42
<a href="mailto:ddronge@coe.sveri.ac.in">ddronge@coe.sveri.ac.in</a>	Mechanical Engineering	FAB laboratory	3D Machining	0 : 1 : 24
<a href="mailto:ddronge@coe.sveri.ac.in">ddronge@coe.sveri.ac.in</a>	Mechanical Engineering	Micromachining laboratory	To study influence of process parameters on the Wire EDM	0 : 6 : 5
<a href="mailto:ddronge@coe.sveri.ac.in">ddronge@coe.sveri.ac.in</a>	Mechanical Engineering	Mechanics of Machines Lab	Position analysis of Grashof four bar mechanism	0 : 1 : 10
<a href="mailto:shradhdagajakosh@coep.sveri.ac.in">shradhdagajakosh@coep.sveri.ac.in</a>	Mechanical Engineering	Mine Automation and Virtual Reality	Calibration of Orifice Plate	0 : 1 : 8
<a href="mailto:yashgadekar39@gmail.com">yashgadekar39@gmail.com</a>	Mechanical Engineering	Machine Dynamics and Machine Vibration laboratory	Free vibration of cantilever beam	0 : 1 : 38

Activate Windows  
Go to Settings to activate Windows.

3:23 PM  
3/13/2021

A.Y. 2018-2019



Home Records Welcome, Pankaj Gaikwad

Search By

College Name

Virtual Area :

Lab Name :

Experiment Name :

State Name

From date :

To date :

Search

Statistical View Graphical View

Total Simulator Time : 40 : 40 : 44

Total Simulator Hit : 520

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.

3:27 PM  
3/13/2021

A.Y. 2017-2018



Home Records Welcome, Pankaj Gaikwad

Search By

College Name

Virtual Area :

Lab Name :

Experiment Name :

State Name

From date :

To date :

Search

Statistical View Graphical View

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)
<a href="mailto:srdulange@yahoo.co.in">srdulange@yahoo.co.in</a>	Mechanical Engineering	Micromachining laboratory	To study various thermal models for EDM	0 : 1 : 38
<a href="mailto:bundhe.nilesh@rediffmail.com">bundhe.nilesh@rediffmail.com</a>	Mechanical Engineering	Vibration and Acoustics	Trifilar Suspension	0 : 12 : 55
<a href="mailto:varshapatil.vp19@gmail.com">varshapatil.vp19@gmail.com</a>	Mechanical Engineering	Mechanics of Machines Lab	Position analysis of Scotch Yoke Mechanism	0 : 0 : 30
<a href="mailto:varshapatil.vp19@gmail.com">varshapatil.vp19@gmail.com</a>	Mechanical Engineering	FAB laboratory	Computer Controlled Cutting of wooden object	0 : 1 : 36
<a href="mailto:varshapatil.vp19@gmail.com">varshapatil.vp19@gmail.com</a>	Mechanical Engineering	FAB laboratory	Computer Controlled Cutting of wooden object	0 : 0 : 50
<a href="mailto:varshapatil.vp19@gmail.com">varshapatil.vp19@gmail.com</a>	Mechanical Engineering	FAB laboratory	3D scanning	0 : 1 : 36
<a href="mailto:mayurigaikwad251997@gmail.com">mayurigaikwad251997@gmail.com</a>	Mechanical Engineering	FAB laboratory	Computer Controlled Cutting of wooden	0 : 1 : 30

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3:30 PM  
3/13/2021

A.Y. 2016-17



Home Records Welcome, Pankaj Gaikwad

Search By

College Name

Virtual Area :

Lab Name :

Experiment Name :

State Name

From date :

To date :

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
manikcsk34@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
jentilnaik1820@gmail.com	Mechanical Engineering	Vibration and Acoustics	MI of Connecting Rod	0 : 1 : 42

Activate Windows  
Go to Settings to activate Windows.

3:40 PM  
3/13/2021

A.Y. 2015-2016



Home Records Welcome, Pankaj Gaikwad

Search By

College Name

Virtual Area :

Lab Name :

Experiment Name :

State Name

From date :

To date :

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.

3:43 PM  
3/13/2021



**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 Form titled "MCQ Test-1 (Mechanics of Material)" in the "Questions" tab. The form is for "Section 1 of 2" and has a total of 30 points. It includes the following fields:

- Email \***: A text field with a red asterisk indicating it is required. Below it, a note says "Valid email" and "This form is collecting emails. [Change settings](#)".
- Full name (Surname - First Name - Middle Name) \***: A text field with a red asterisk and a red dot indicating it is required. Below it, a note says "Short answer text".
- Class & Division (e.g. S.Y. B.Tech-B) \***: A text field with a red asterisk and a red dot indicating it is required. Below it, a note says "Short answer text".
- Roll Number (e.g. 15) \***: A text field with a red asterisk and a red dot indicating it is required. Below it, a note says "Short answer text".

At the bottom of the form, there is a "Continue to next section" button. The Windows taskbar is visible at the bottom of the screen.

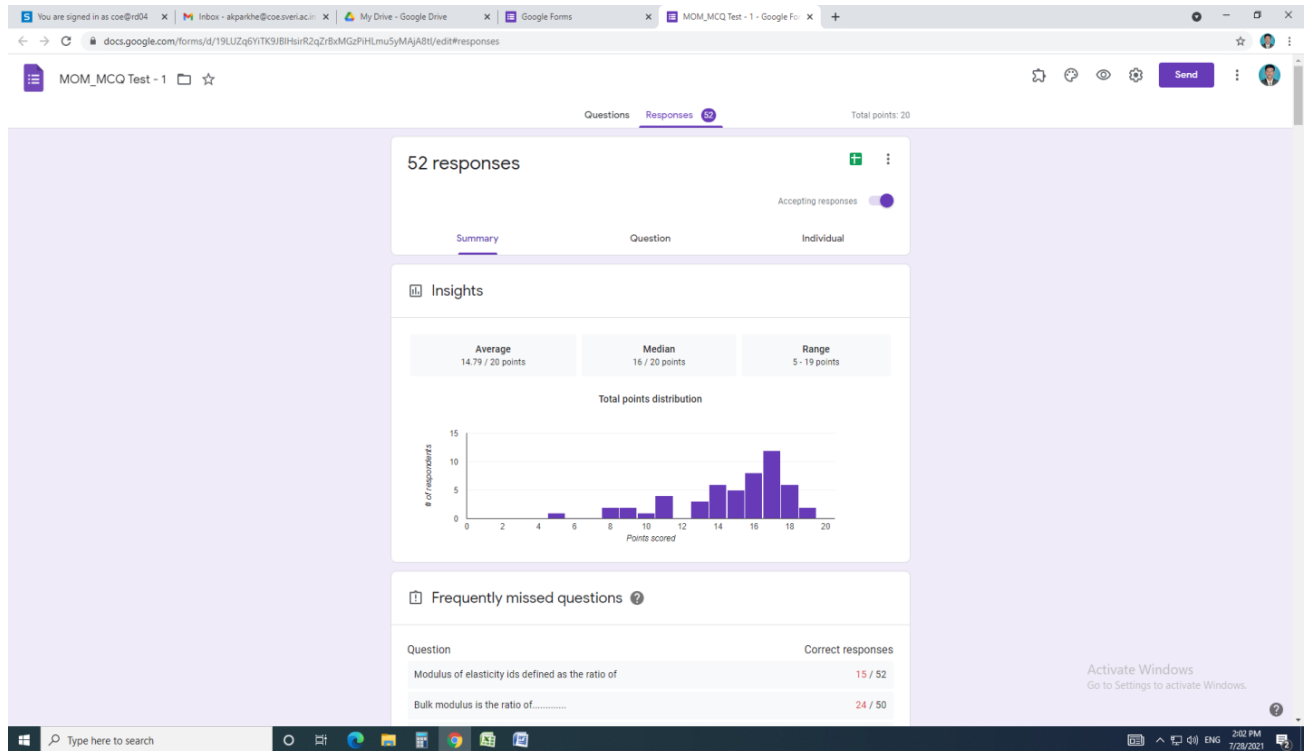
## 2. Multiple choice Questions.

The screenshot shows a Google Form titled "Chapter No. 1 - Simple Stress & Strain" in the "Questions" tab. The form is for "Section 2 of 2" and has a total of 20 points. It includes the following questions:

- Hooks law holds good up to \***: A multiple choice question with four options: Elastic limit, Proportional limit, Yield point, and Plastic limit. The correct answer is "Proportional limit".
- Modulus of elasticity is defined as the ratio of \***: A multiple choice question with four options: Shear stress to shear strain, linear stress to lateral strain, lateral strain to linear strain, and linear stress to linear strain. The correct answer is "linear stress to lateral strain".
- \_\_\_\_\_ strain is the deformation of the bar per unit length in the direction of the force.**: A text field with a red asterisk and a red dot indicating it is required. Below it, a note says "Short answer text".

At the bottom of the form, there is a "Continue to next section" button. The Windows taskbar is visible at the bottom of the screen.

### 3. MCQ Test Report.



### 4. MCQ Test Result.

Scores

Release scores

Email	Score / 20	Score released
shoabmulani2017@gmail.com	9	Feb 27 5:05 PM
dharmendrasartape14@gmail.com	11	Feb 27 5:05 PM
tanagavade@gmail.com	5	Feb 27 5:05 PM
suyashiondhe15@gmail.com	14	Feb 27 5:05 PM
divyalawate32@gmail.com	8	Feb 27 5:05 PM
naiknawaremadhuri1611@gmail.com	19	Feb 27 5:05 PM
shubham.katkar.5492@gmail.com	9	Feb 27 5:05 PM
shanku10628@gmail.com	18	Feb 27 5:05 PM

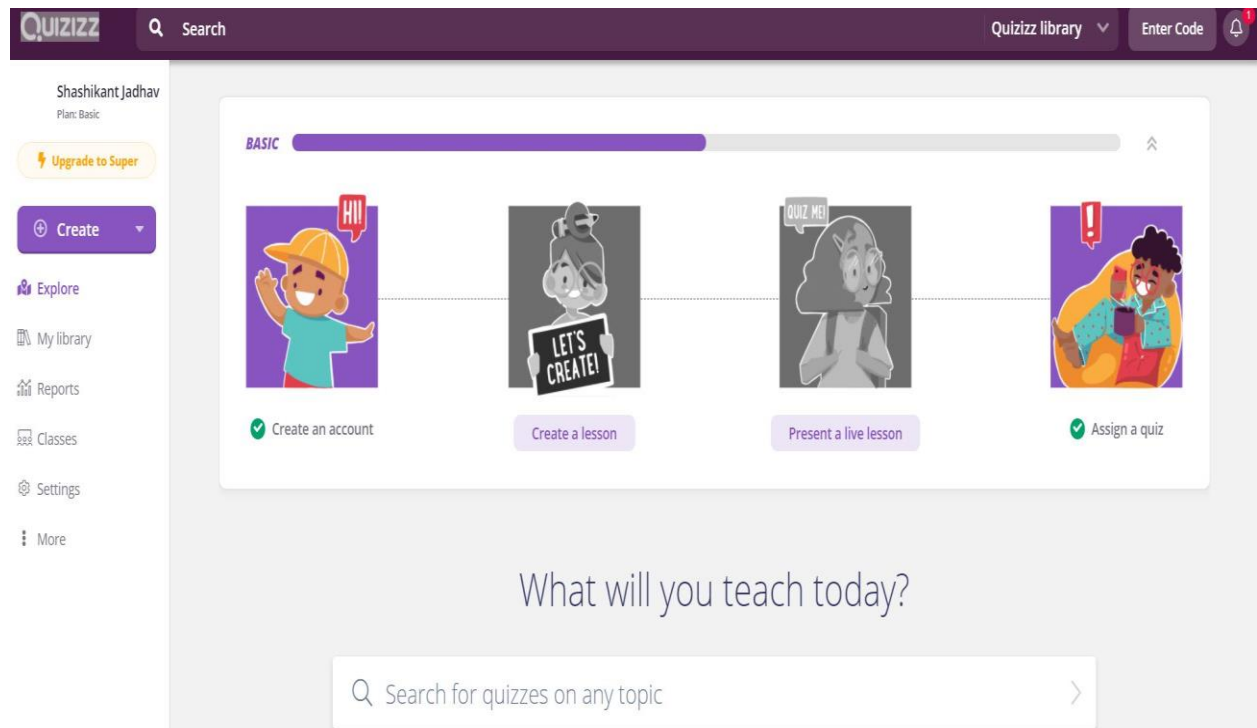
Full name (Surname - First Name - Middle Name)

52 responses

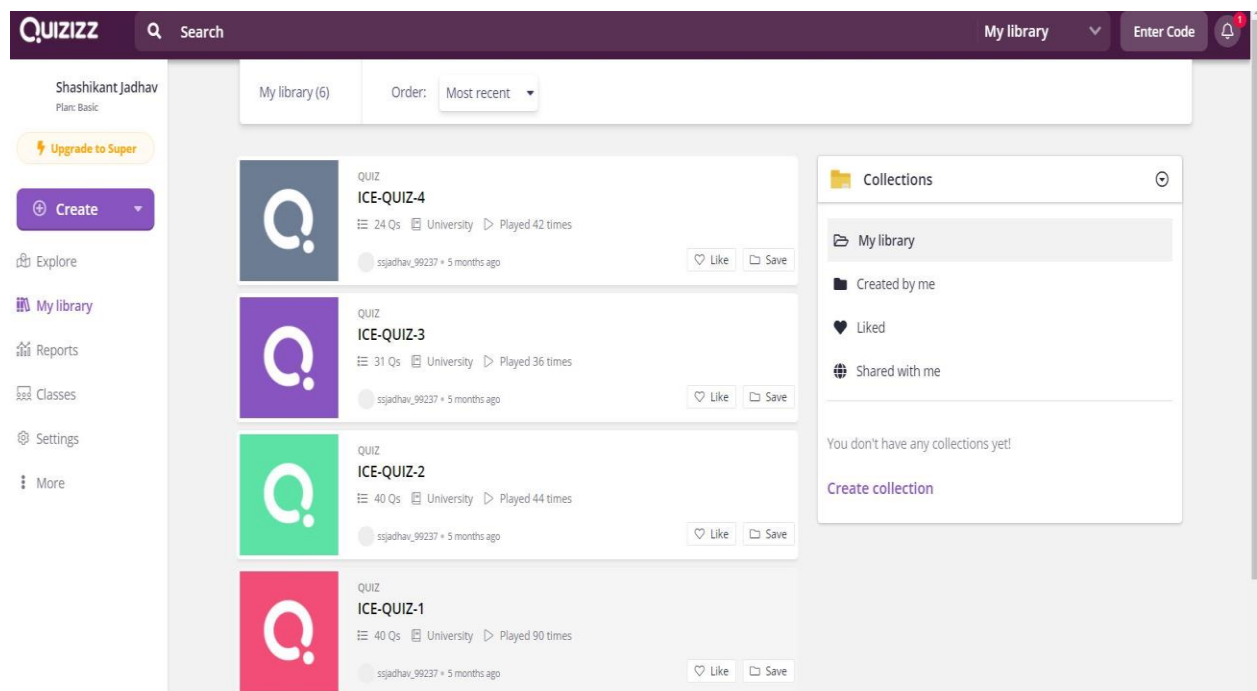
Natikar Mukesh Laxman
Patil Jyoti Mahesh
Gavali Ajay Pandurang
CHAVAN PREM GOVARDHAN

# Join my Quiz Platform

## 1. Creating QUIZ on platform.



## 2. Saved MCQ tests on Platform.



### 3. Reports of MCQ Tests.

Shashikant Jadhav  
Plan: Basic

Upgrade to Super

Create

Explore

My library

Reports

Classes

Settings

More

Quizizz

Search

Reports

Enter Code

All reports

Filter by class

Filter by date

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

<< < 1 > >>

### 4. Result of MCQ test.

Shashikant Jadhav  
Plan: Basic

Upgrade to Super

Create

Explore

My library

Reports

Classes

Settings

Memes

Collections

Profile

Log out

Less

Help

Quizizz

Search

Reports

Enter Code

Assigned quiz

ICE-QUIZ-3

November 7th 2020, 10:34 AM (4 months ago)

View quiz

Flashcards

55%

31

36

Accuracy

Questions

Participant Attempts

Participants

Questions

Overview

Topics

Print

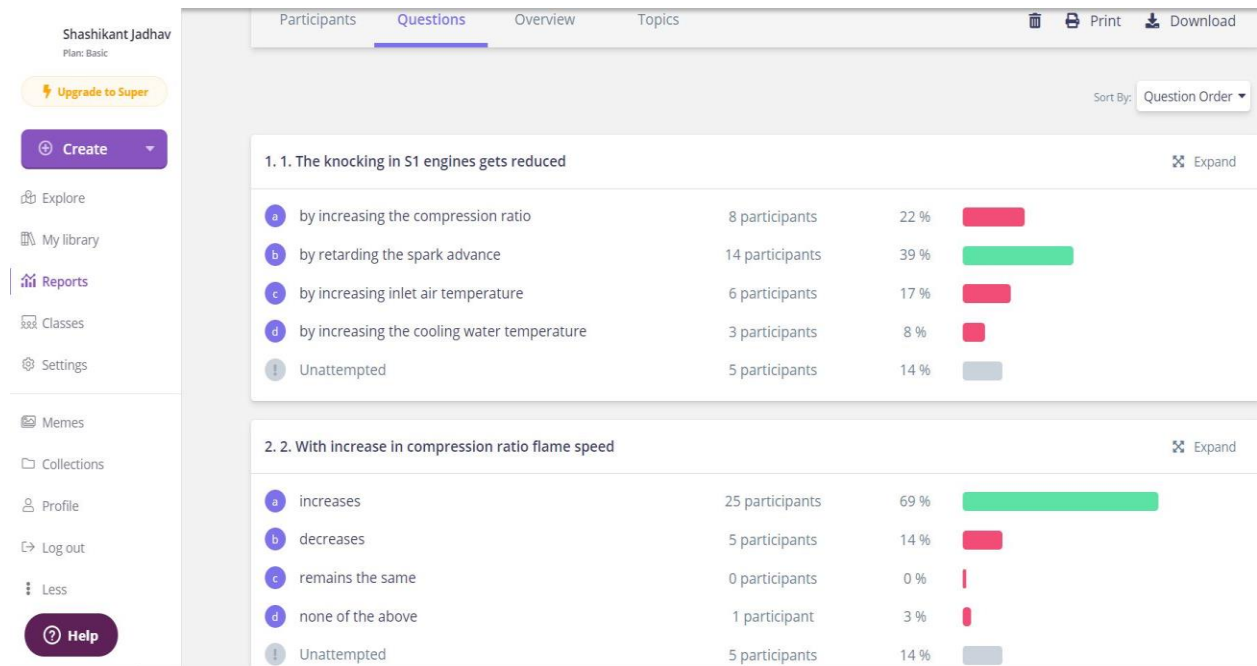
Download

Sort By: Score

Email all parents

SY_18_SACHIN SUTAR (S...	✓ 30	97% Accuracy	25970 Score	Email to Parent
DIKSHA ADMILE (Sy-45 ...	✓ 31	100% Accuracy	25280 Score	Email to Parent
GAURAV GHAYTIDAK (G...	✓ 28	90% Accuracy	24640 Score	Email to Parent
Prashant Avalekar (SY 5...	✓ 27	87% Accuracy	23790 Score	Email to Parent
ROHAN BHANDARE (RO...	✓ 27	87% Accuracy	23560 Score	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

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](mailto:coe@sveri.ac.in), Website: [www.sveri.ac.in](http://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



www.tuv.com  
ID: 9105048196

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.



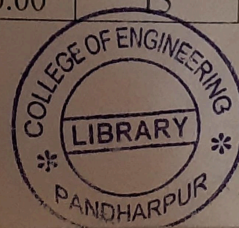
**Shri Vithal Education & Research Institute's  
College of Engineering, Pandharpur**

# **Video Lectures of Faculty from IIT**



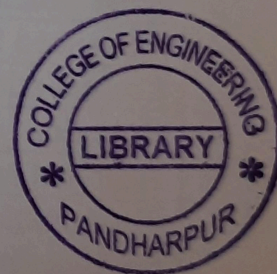
**SVERI'S**  
**COLLEGE OF ENGINEERING PANDHARPUR**  
**CENTRAL LIBRARY**  
**LIST OF CD ROMS**  
**Supplier: RECORDED VIDEO COURSES FROM IIT, Mumbai**

Sr.No.	Name of Recorded Course	Amount for DVD In Rs.	Qty.	Total Amount
	<b>Sub: Electronics Engineering</b>			
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	
	<b>Sub Total Amount in Rs.</b>		<b>578</b>	<b>1,20,000</b>
	<b>Sub: Mechanical Engg.</b>			
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	
	<b>Sub Total Amount in Rs.</b>		<b>270</b>	<b>60,000.00</b>
	<b>Sub: Computer Science and Engineering</b>			
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	
	<b>Sub Total Amount in Rs.</b>		<b>277</b>	<b>52,500.00</b>
	<b>Sub: Chemistry</b>			
1	Chemistry CH 102	7,500.00	15	
	<b>Sub: Physics</b>			
1	Physics PH 103	7,500.00	15	








Sr.No.	Name of Recorded Course	Amount for DVD In Rs.	Qty.	Total Amount
	<b>Sub: Mathematics</b>			
1	Functions of Several Variables	7,500.00	27	
2	Linear Algebra	7,500.00	26	
3	Calculus	7,500.00	38	
	<b>Sub Total Amount in Rs.</b>		<b>121</b>	<b>37,500.00</b>
	<b>Sub: Electrical Engineering</b>			
1	Electrical Machines Analysis & Control EE 656	7,500.00	24	<b>7,500.00</b>
	<b>Sub: Civil Engineering</b>			
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	
	<b>Sub Total Amount in Rs</b>		<b>176</b>	<b>37,500.00</b>
	<b>No. of DVDs</b>		<b>1446</b>	
	<b>Grand Total Amount in Rs.</b>			<b>3,30,000.00</b>
	Less discount @ Rs. 20%			<b>66,000.00</b>
	<b>Net Amount in Rs.</b>			<b>2,64,000.00</b>





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# **E-Journals**

	<p>SHRI VITHAL EDUCATION &amp; RESEARCH INSTITUTE's  <b>COLLEGE OF ENGINEERING, PANDHARPUR</b>  P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)  Tel.: 02186-216063, 9503103757, E-mail : <a href="mailto:coe@sveri.ac.in">coe@sveri.ac.in</a>, Website: <a href="http://www.sveri.ac.in">www.sveri.ac.in</a>  (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</p> <div style="text-align: right;">  <div style="display: inline-block; text-align: left;"> ISO 9001:2015    <small>www.tuv.com ID 9105048196</small> </div> </div>
---	---

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.



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# **Usage of E-Journals by Faculty Members**

## IEEE Usage Statistics Report

2021

College of Engineering - Pandharpur



Title_Type	Metric_Type	YTD Total	Jan-21	Feb-21	Mar-21								
Total for All Types	Total_Item_Requests	130	62	27	41								
IEEE Conferences	Total_Item_Requests	3	0	3	0								
IEEE Journals	Total_Item_Requests	125	62	24	39								
Partner Journals	Total_Item_Requests	2	0	0	2								

User_Activity	Total_Reporting_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.

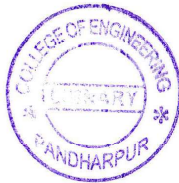
**Total Item Requests** - The total number of times the full text of a content item was downloaded or viewed.

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

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

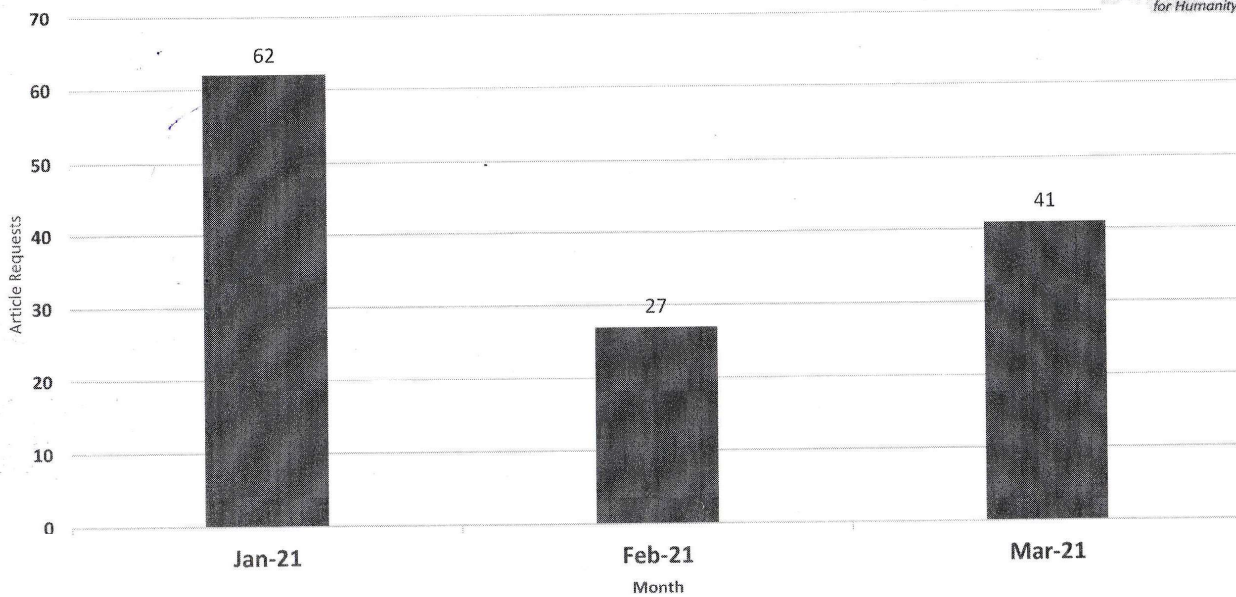
**Searches Run** - Reports the number of keyword searches performed.

**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.



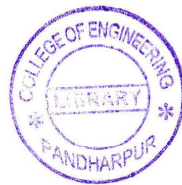
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### IEEE Usage Statistics Trend : 2021



### 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_Reporting_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_Views	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.

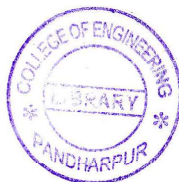
**Page Views** - The number of pages viewed on a Web site.

**Searches Run** - Reports the number of keyword searches performed.

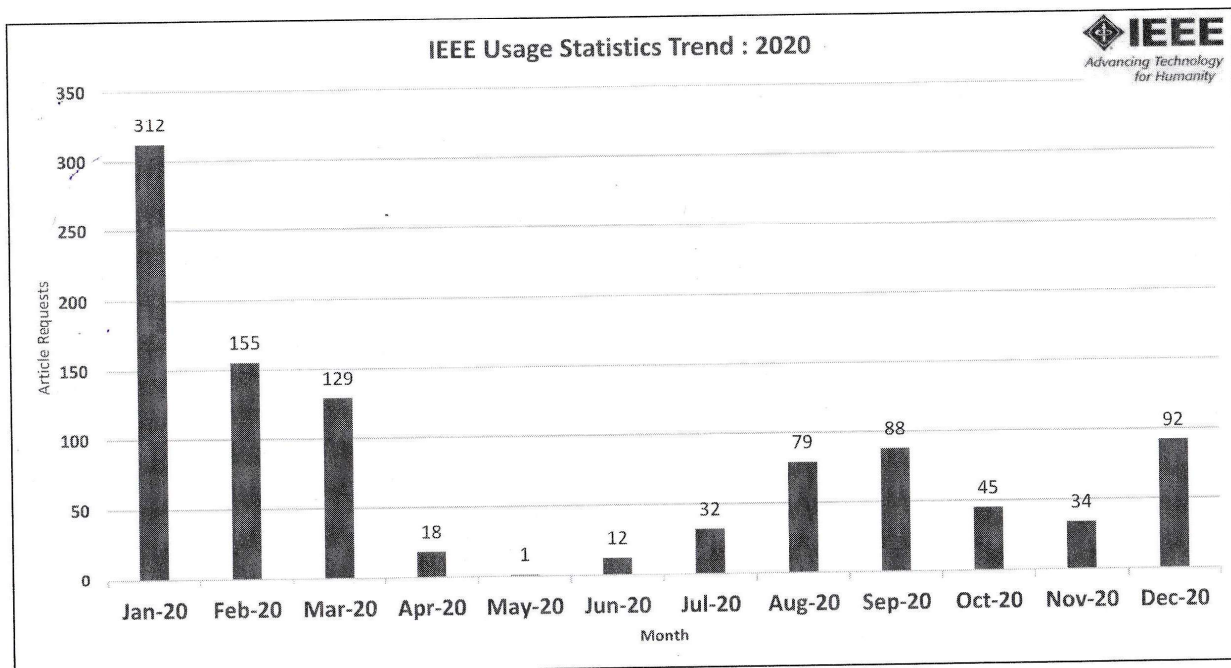
**Visits** - Represents the number of individual durations of times visitors were on the site accessing a series of pages without 30 minutes of inactivity. A single visitor can account for multiple visits in a single day.



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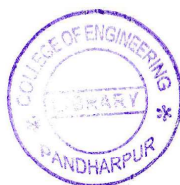






**IEEE Usage Statistics Month-Wise Usage Trend by Article Requests**

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_Reporting_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.

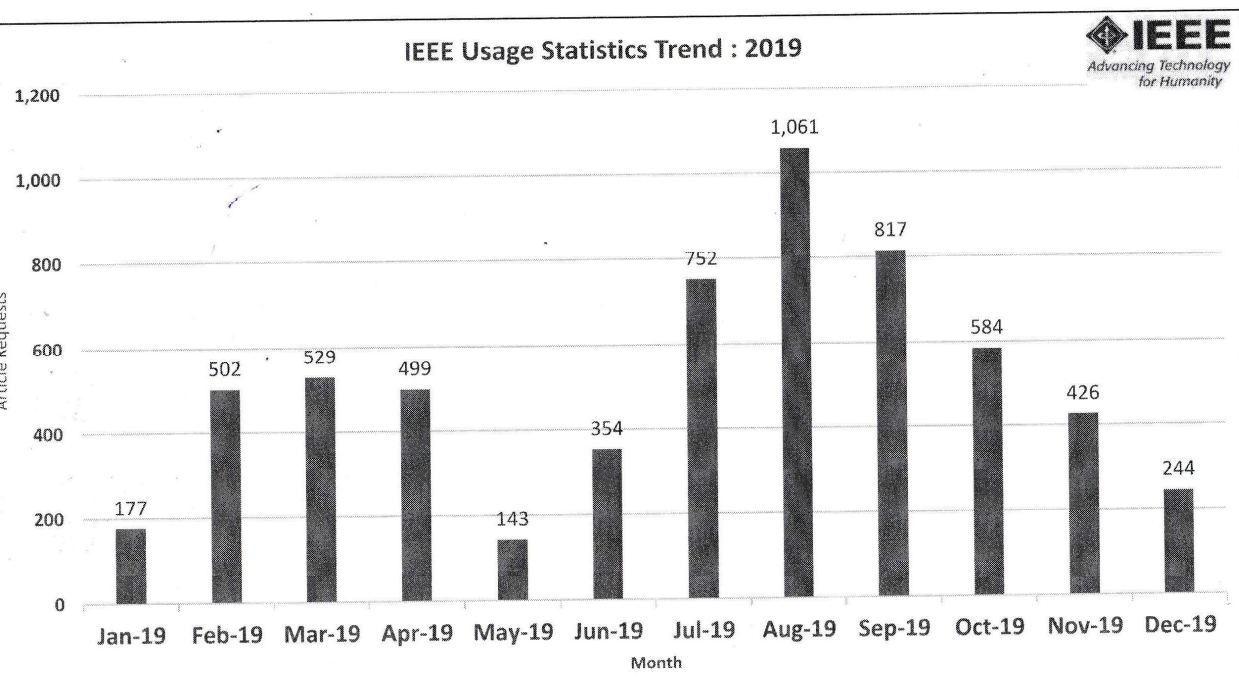
**Page Views** - The number of pages viewed on a Web site.

**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 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_Reporting_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.

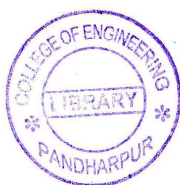
**Total Item Requests** - The total number of times the full text of a content item was downloaded or viewed.

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

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

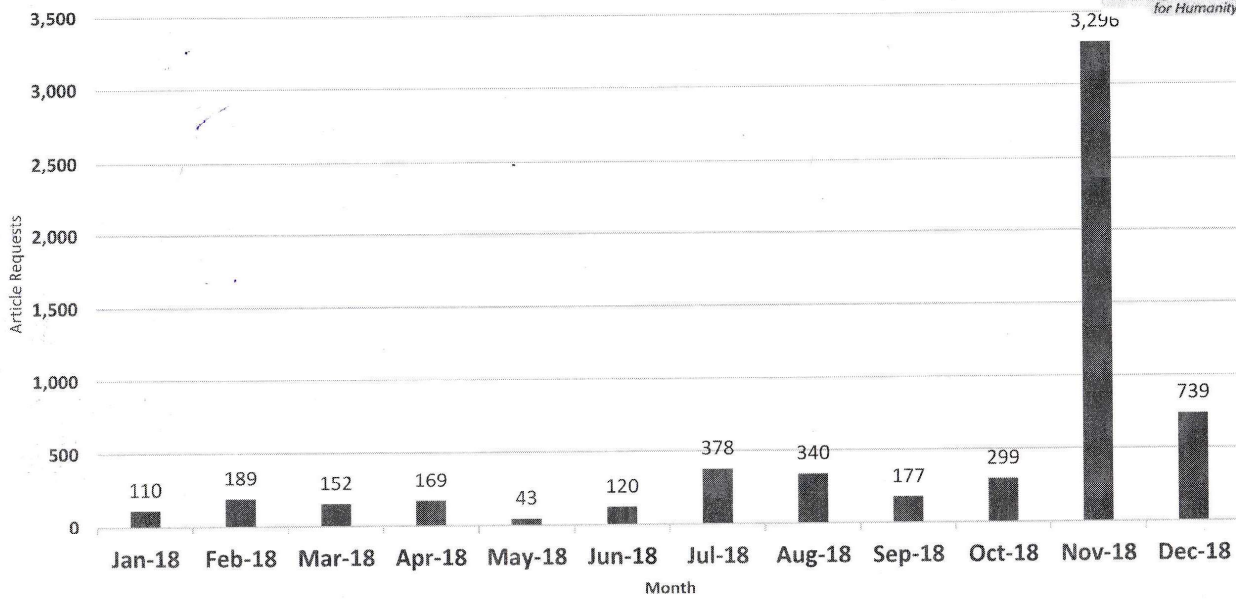
**Searches Run** - Reports the number of keyword searches performed.

**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.



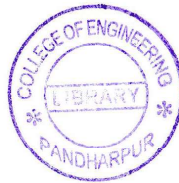
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### IEEE Usage Statistics Trend : 2018



### IEEE Usage Statistics Month-Wise Usage Trend by Article Requests

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







Satyawan Anpat &lt;snanpat@coe.sveri.ac.in&gt;

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

Girish Kulkarni &lt;girish@gist.in&gt;

Fri, Feb 28, 2020 at 1:52 PM

To: "snanpat@coe.sveri.ac.in" &lt;snanpat@coe.sveri.ac.in&gt;

Cc: "smbagal@coe.sveri.ac.in" &lt;smbagal@coe.sveri.ac.in&gt;, "satyawan9166@gmail.com" &lt;satyawan9166@gmail.com&gt;

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
<b>2020</b>	397												
<b>2019</b>	506	665	1486	443	247	453	719	826	480	568	525	260	7178
<b>2018</b>	379	382	1110	716	328	505	864	982	690	1638	32915	166	40675
<b>2017</b>	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 January 2017 to January 2020 immediately there is any new s

We Waiting for your urgent response from your side.

Thanking you,

Yours faithfully,

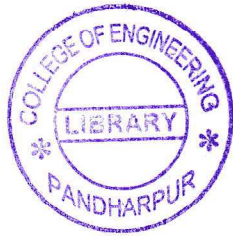
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*Mr. Satish N. Anpat*

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





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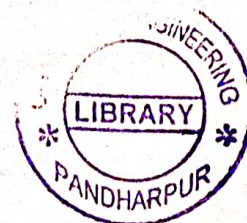
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Sr. No.	Name of Activity	Purpose
1	CD/DVD of Book	DVD (digital video disc) is a technology based on optical data storage similar to compact disc (CD). Optical data storage is a method of storing digital information (1's and 0's) by using light to read 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.
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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
	<b>Total:</b>		<b>62</b>	<b>17,738.00</b>
	<b>Less Discount@20%</b>			<b>3,548.00</b>
	<b>Net Amount Payable in Rs.</b>			<b>14,190.00</b>





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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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**Supplier: Masurkar Enterprises, Mumbai**

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	<b>Sub; Personality Development</b>			
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
	<b>Total:</b>		<b>19</b>	<b>9,481.00</b>
	<b>Supplier: Mehta Book Sellers, Kolhapur</b>			
	<b>Sub: Computer Science and Engineering</b>			
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
	<b>Total:</b>		<b>20</b>	<b>4,300.00</b>





**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

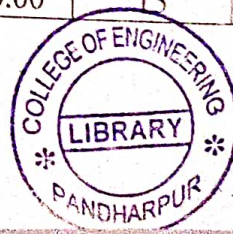




**SVERI'S**  
**COLLEGE OF ENGINEERING PANDHARPUR**  
**CENTRAL LIBRARY**  
**LIST OF CD ROMS**

**Supplier: RECORDED VIDEO COURSES FROM IIT, Mumbai**

Sr.No.	Name of Recorded Course	Amount for DVD In Rs.	Qty.	Total Amount
	<b>Sub: Electronics Engineering</b>			
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	
	<b>Sub Total Amount in Rs.</b>		<b>578</b>	<b>1,20,000</b>
	<b>Sub: Mechanical Engg.</b>			
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	
	<b>Sub Total Amount in Rs.</b>		<b>270</b>	<b>60,000.00</b>
	<b>Sub: Computer Science and Engineering</b>			
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	
	<b>Sub Total Amount in Rs.</b>		<b>277</b>	<b>52,500.00</b>
	<b>Sub: Chemistry</b>			
1	Chemistry CH 102	7,500.00	15	
	<b>Sub: Physics</b>			
1	Physics PH 103	7,500.00	15	





Sr.No.	Name of Recorded Course	Amount for DVD In Rs.	Qty.	Total Amount
	<b>Sub: Mathematics</b>			
1	Functions of Several Variables	7,500.00	27	
2	Linear Algebra	7,500.00	26	
3	Calculus	7,500.00	38	
	<b>Sub Total Amount in Rs.</b>		<b>121</b>	<b>37,500.00</b>
	<b>Sub: Electrical Engineering</b>			
1	Electrical Machines Analysis & Control EE 656	7,500.00	24	7,500.00
	<b>Sub: Civil Engineering</b>			
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	
	<b>Sub Total Amount in Rs</b>		<b>176</b>	<b>37,500.00</b>
	<b>No. of DVDs</b>		<b>1446</b>	
	<b>Grand Total Amount in Rs.</b>			<b>3,30,000.00</b>
	<b>Less discount @ Rs. 20%</b>			<b>66,000.00</b>
	<b>Net Amount in Rs.</b>			<b>2,64,000.00</b>

