



Internal Quality Assurance Cell

DEPARTMENT OF MECHANICAL ENGINEERING ANNUAL REPORT

(15 June 2021 to 14 June 2022)

TERM ONE: 15 June to 30 November

TERM TWO: 01 December to 14 June

Academic Year 2021 – 22

Guidelines:

Fill up this sheet for all the contributions /activities conducted at the Department level only.

- ❖ *In case data does not exist please mention it as 'No Data'.*
- ❖ *Please add rows to the table below to suit your requirements*
- ❖ *Ensure that data does not differ from other official records and that all the supporting documents are available.*
- ❖ *Use: Font Type: Times New Roman, Font Size: 12, Sentence case, Spacing: 1.15*
- ❖ *Use separate rows for every detail.*
- ❖ *For any queries, you may contact: Dr C S Choudhari, Coordinator, IQAC*
- ❖ *email: iqac@aiissmscoe.com*

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1. PROFILE OF DEPARTMENT

1.1 INTRODUCTION

Year of Establishment	1992 Mechanical, 1996 Mechanical (Sandwich Pattern)
UG Programmes	Mechanical & Mechanical SW
PG Programmes	Automotive, Design Engineering
Number of Teaching Staff	30
Number of Non-Teaching Staff	3+6=9

1.2 LABORATORIES IN THE DEPARTMENT

Name of Laboratory	
Heat Engine Lab	Automotive System Lab
Metallurgy Lab	Automotive Chassis lab
Heat Transfer Lab	PG Software Lab Auto
Theory of Machine Lab	PG Lab Design
Dynamics of Machinery Lab	BME Lab
Drawing Hall	Central Facility
Fluid Machinery Lab	Mechatronics
Fluid Power Lab	Computer Graphics Lab

Refrigeration & Air conditioning Lab	Computer Center
Metrology Lab	Inhouse Project
Computer-Aided Design Lab	ComputerAided Engineering Lab

1.3 SOFTWARES AVAILABLE IN THE DEPARTMENT

Software Available	
AutoCAD 2009	Master CAM X9
Pro/Engineer WildFire 5.0	ANSYS 16
Altair HyperWorks R11	MSC Adams
MATLAB	

1.4 FACULTY IN THE DEPARTMENT

S N	Name of faculty	Designation
1	Dr B D Bachchhav	Professor
2	Dr M R Phate	Professor
3	Dr Mrs. P S Gajjal	Associate Professor
4	Dr M S Deshmukh	Associate Professor
5	Dr A V Waghmare	Associate Professor
6	Dr D Y Dhande	Associate Professor
7	Dr S H Wankhade	Associate Professor
8	Dr C S Choudhari	Associate Professor
9	Dr S V Chaitanya	Assistant Professor
10	Dr S R Patil	Assistant Professor
11	Mr. P V Deshmukh	Assistant Professor
12	Mr. R A Marne	Assistant Professor
13	Dr C S Dharankar	Assistant Professor

14	Dr S J Navale	Assistant Professor
15	Mr. M U Gan	Assistant Professor
16	Mr. P S Aglawe	Assistant Professor
17	Mr. O A More	Assistant Professor
18	Mrs. A ATonde	Assistant Professor
19	Mr. M S Swami	Assistant Professor
20	Mr. G P Lohar	Assistant Professor
21	Mrs. M P Shah	Assistant Professor
22	Dr M R Dahake	Assistant Professor
23	Mr. M P Bauskar	Assistant Professor
24	Mrs. S S Patil	Assistant Professor
25	Mr. N NGotkhindikar	Assistant Professor
26	Dr M M Sayyad	Assistant Professor
27	Dr A M Ramteke	Assistant Professor
28	Dr D S Malwad	Assistant Professor
29	Mr. Shahid Ali	Assistant Professor

1.5 DETAILS OF SUPPORTING STAFF

Name of non-teaching staff	Designation	Name of non-teaching staff	Designation
Mr. J N Khiratkar	Tech Asstt	Mr. G B Mate	Attendant
Mr. S K Jogdand	Lab Asstt	Mr. R D Nalawade	Attendant
Mr. A AJachak	Lab Asstt	Mr. P D Mahajan	Attendant
		Mr.R Pharande	Attendant
		Mr.S M Waghmare	Attendant
		Mr.R S Amolik	Attendant

1.6 STUDENTS' ENROLLMENT

Program	GEN		SC		ST		OBC		PW D		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
UG (Mech) Division I	151	26	50	19	8	1	103	21	0	0	169	33	482	100
UG (Mech) Division II														
UG (Mech SW)	74	6	24	6	1	0	44	10	0	0	74	11	217	33
PG (Auto)	1	0	0	0	0	0	0	0	0	0	0	0	1	0
PG (Design)														

1.7 STUDENTS-FACULTY FEEDBACK DETAILS

Term One					
Sr. No.	Name of faculty	Class and Subject taught	Feedback (I) (%)	Feedback (II) (%)	Average Feedback (%)
1	Dr B D Bachchhav	TE A AFJP	83	81	82
2	Dr B D Bachchhav	TE B AFJP	85	100	92.5
3	Dr M R Phate	BE A OR	76	73	75
4	Dr M R Phate	BE B OR	82	82	82
5	Dr P S Gajjal	SE A SM	84	84	84
6	Dr P S Gajjal	SE MS SM	90	89	89.5
7	Dr M S Deshmukh	SEA ET	74	79	76.5

8	Dr M S Deshmukh	BE A HVAC	99	100	99.5
9	Dr M S Deshmukh	BE B HVAC	89	87	88
10	Dr A V Waghmare	BE A HP	80	83	81.5
11	Dr A V Waghmare	BE B HP	78	81	79.5
12	Dr D Y Dhande	TE MS ACAE	81	82	81.5
13	Dr S H Wankhade	BE MS MTX	86	85	85.5
14	Dr C S Choudhari	TE A HMT	81	83	82
15	Dr S V Chaitanya	BE A AE	84	88	86
16	Dr S V Chaitanya	BE B AE	79	83	81
17	Prof. S R Patil	TE A DME	81	81	81
18	Prof. P V Deshmukh	SE A SMD	73	77	75
19	Prof. P V Deshmukh	BE A CCA	78	83	80.5
20	Prof. R A Marne	TE B DME	78	84	81
21	Dr C S Dharankar	BE A DOM	83	86	84.5

22	Dr C S Dharankar	BE B DOM	79	81	80
23	Dr S J Navale	TE A NSM	81	84	82.5
24	Dr S J Navale	TE MS HMT	79	82	80.5
25	Prof. M U Gan	SE B ET	85	84	84.5
26	Prof. P S Aglawe	TE MS NSM	74	81	77.5
27	Prof. P S Aglawe	BE B CCA	79	81	80
28	Prof. O A More	TE A MTX	78	82	80
29	Prof. O A More	TE B MTX	74	81	77.5
30	Prof. A T Thombare	TE MS DME	77	83	80
31	Prof. M S Swami	SE A EMM	75	79	77
32	Prof. M S Swami	SE MS SMD	89	92	90.5
33	Prof. G P Lohar	SE MS ET	84	88	86
34	Prof. M P Shah	BE A FEA	85	87	86
35	Prof. M R Dahake	TE B HMT	78	84	81
36	Prof. M P Bauskar	TE A MST	83	83	83

37	Prof. M P Bauskar	TE B MST	100	100	100
38	Dr M M Sayyad	SE B SM	91	89	90
39	Dr M M Sayyad	TE B NSM	78	83	80.5
40	Prof. K L Kumbhar	BE A EAM	81	83	82
41	Prof. K L Kumbhar	BE B EAM	76	77	76.5
42	Prof. N N Gotkhindikar	SE MS EMM	86	89	87.5
43	Dr D S Malwad	SE B SMD	91	88	89.5
44	Dr D S Malwad	BE B FEA	79	81	80
45	Dr A M Ramteke	TE B MST	75	79	77

Term Two					
Sr. No.	Name of faculty	Class and Subject taught	Feedback (I) (%)	Feedback (II) (%)	Average Feedback (%)
1	Dr B D Bachchhav	SE MS ME	83	84	83.5
		BE A AMP	96	96	96
		BE B AMP	100	100	100
2	Dr M R Phate	BE A MSD BE	79	85	82
		MS OR	74	68	71
3	Dr Mrs P S Gajjal	BE MS MSD	88	90	89
		BE B MSD	86	93	89.5
4	Dr M S Deshmukh	BE MS EA&M	88	92	90
		BE B EE	88	93	90.5

5	Dr A V Waghmare	BE MS HP	86	90	88
6	Dr D Y Dhande	TE B CAE	88	88	88
7	DrS H Wankhade	BE A PDD BE B IE	84 85	83 80	83.5 82.5
8	Dr C S Choudhari	BE A EE	87	86	86.5
9	Dr S V Chaitanya	BE A IE	86	85	85.5
10	Dr S R Patil	SE B KOM SE MS KOM	82 69	84 78	83 73.5
11	Mr P V Deshmukh	TE A CAE	77	79	78
12	Mr R A Marne	TE A DTS TE B DTS	81 84	84 86	82.5 85
13	Dr C S Dharankar	BE MS MV	87	92	89.5
14	Dr S J Navale	SE B AT BE MS EE	84 87	86 91	85 89
15	Mr M U Gan	SE A FM SE B FM	81 85	80 87	80.5 86
16	Mr P S Aglawe	TE B AIML BE A Robo BE B Robo	84 70 70	85 69 100	84.5 69.5 85
17	Mr O A More	TE A SE	75	79	77
18	Mrs A ATonde	SE A KOM	76	83	79.5
19	Mr M S Swami	TE B SE	83	85	84
20	Mr G P Lohar	SE MS TE	70	79	74.5
21	Mrs M P Shah	BE MS FEA BE MS CCA	90 93	99 84	94.5 88.5
22	Dr M R Dahake	SE A AT	81	77	79
23	Mr M P Bauskar	SE B MP	85	90	87.5
24	Mrs S S Patil				
25	Mr N NGotkhindikar	SE A MP	89	90	89.5
26	Dr M M Sayyad	TE A CM TE B CM	87 86	85 90	86 88
27	Dr Mrs A M Ramteke	BE B PDD	78	85	81.5
28	Dr D S Malwad	TE A AIML BE A SWE BE B SWE	80 93 85	84 99 94	82 96 89.5
29	Mr Shahid Ali	SE MS FMM	85	85	85
30	Mr S T Surase	SE A EM III SE B EM III SE MS EM III	91 91 83	89 92 83	90 91.5 83

1.8 RESULT ANALYSIS

Term One		
Name of faculty	Class and Subject Taught	% passing
Dr B D Bachchhav	TE Mech (A) Advanced Forming & Joining Processes	100
Dr M R Phate	BE Mech (A&B) Operation Research	100
Dr Mrs P S Gajjal	SE Mech (A) Solid Mechanics	98.68
	SE Mech Sand Solid Mechanics	98.72
Dr M S Deshmukh	SE Mech (A) Engineering Thermodynamics	100
	BE Mech (A&B) Heating Ventilation & Air Conditioning	100
Dr A V Waghmare	BE Mech (A&B) Hydraulics & Pneumatics	100
Dr D Y Dhande	TE Mech Sand Fundamental of Computer-Aided Engineering	100
Dr S H Wankhade	TE Mech Sand Mechatronics	100
Dr C S Choudhari	TE Mech (A) Heat & Mass Transfer	100
Dr S V Chaitanya	BE Mech (A&B) Automobile	100
Mr S R Patil	TE Mech (A) Design of Machine Elements	100
Mr P V Deshmukh	SE Mech (A) Solid Modeling & Drafting	98.68
	BE Mech (A) CAD CAM Automation	100
Mr R A Marne	TE Mech (B) Design of Machine Elements	100
Dr C S Dharankar	BE Mech (A&B) Dynamics of Machinery	100
Dr S J Navale	TE Mech (A) Numerical Statistical & Methods	98.83
	TE Mech Sand Heat & Mass Transfer	100
Mr M U Gan	SE Mech (B) Engineering Thermodynamics	100
Mr P S Aglawe	TE Mech Sand Numerical Statistical & Methods	100
Mr O A More	TE Mech (A&B) Mechatronics	100
Mrs A A Tonde	TE Mech Sand Design of Machine Elements	100
Mr M S Swami	SE Mech (A) Engg. Materials & Metallurgy	100
	SE Mech Sand Solid Modeling & Drafting	100
Mr G P Lohar	SE Mech Sand Engineering Thermodynamics	100
Mrs M P Shah	BE Mech (A&B) Finite Elements Analysis	100
Mr M R Dahake	TE Mech (B) Heat & Mass Transfer	100
Mr M P Bauskar	TE Mech (A&B) Machining Science & Technology	100
Mr K L Kumbhar	BE Mech (A&B) Energy & Audit & Management	100
Mr D S Mane	SE Mech (B) Engg. Materials & Metallurgy	100
Mrs S S Patil		
Mr N N Gotkhindikar	SE Mech Sand Engg. Materials & Metallurgy	100
Dr M M Sayyad	TE Mech (B) Numerical Statistical & Methods	100

	SE Mech (B) Solid Mechanics	100
Dr Mrs A M Ramteke	TE Mech (B) Advanced Forming & Joining Processes	100
Dr D S Malwad	SE Mech (B) Solid Modeling & Drafting	100
Self Study	BE Mech Sand Automobile Engineering	100
Self Study	BE Mech Sand Power Plant Engineering	100
Miss S SMujawar	SE Mech (A&B) Electrical & Electronics Engineering	100
Mr R S Shinde	SE Mech sand Electrical & Electronics Engineering	100

Term Two		
Name of faculty	Class and Subject Taught	% passing
Dr B D Bachchhav	SE Mech Sand Manufacturing Engineering BE Mech A & B Advance Mfg Process	73 100 & 100
Dr M R Phate	BE Mech Sand Operation Research BE Mech A Mechanical System Design	100 94.52
Dr Mrs P S Gajjal	BE Mech B Mechanical System Design BE Mech Sand Mechanical System Design	94.87 94.87
Dr M S Deshmukh	BE Mech Sand Energy Audit & Mgt BE Mech B Energy Engineering	91.38
Dr A V Waghmare	BE Mech Sand Hyd& Pneumatics	91.38
Dr D Y Dhande	TE Mech B Computer Aided Engineering	86.9
Dr S H Wankhade	BE Mech A Product Dsg& Develop	95.38
Dr C S Choudhari	BE Mech A Energy Engineering	97.26
Dr S V Chaitanya	BE Mech A Industrial Engineering	97.2
Mr S R Patil	SE Mech B Kinematics of Machinery SE Mech Sand Kinematics of Machinery	79.2 62
Mr P V Deshmukh	TE Mech A Computer Aided Engineering	81.4
Mr R A Marne	TE Mech A & B Design of Transmission System	79.07 & 76.19
Dr C S Dharankar	BE Mech Sand Mechanical Vibration	97.44
Dr S J Navale	SE Mech B Applied Thermodynamics BE Mech Sand Energy Engineering	72.73 96.15
Mr M U Gan	SE Mech A & B Fluid Mechanics	76.32 & 58.44
Mr P S Aglawe	TE Mech B Artificial Intelligence & Machine learning BE Mech A Robotics	89.29 100
Mr O A More	TE Mech A Surface Engineering	76.6
Mrs A ATonde	SE Mech A Kinematics of Machinery	78.9
Mr M S Swami	TE Mech B Surface Engineering	81.43
Mr G P Lohar	SE Mech Sand Thermal Engineering	69

Mrs M P Shah	1.BE Mech Sand CAD/CAM 2.BE Mech Sand Finite Elements Analysis	100 71.43
Dr M R Dahake	SE Mech A Applied Thermodynamics	77.6
Mr M P Bauskar	SE Mech B Manufacturing Process	83.12
Mrs S S Patil		
Mr N N Gotkhindikar	SE Mech A Manufacturing Process	86.84
Dr M M Sayyad	TE Mech A & B Composite Materials	87.18 & 100
Dr Mrs A M Ramteke	BE Mech B Product Dsg& Develop	100
Dr D S Malwad	TE Mech A Artificial Intelligence & Machine Learning BE Mech A & B Solar & Wind Energy	93.02 100 & 100
Mr Shahid Ali	SE Mech Sand Fluid Mechanics & Machinery	54
Mr S T Surase	SE Mech A & B Engineering Maths -III SE Mech Sand Engineering Maths -III	76.32 & 63.64 44

1.9 CLASS RESULT ANALYSIS (All Classes FE to BE)

Term One												
S N	Clas s	Number of Students									Percentag e of Passing	
		Appe ared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1 - 9)	Very Good (A) (7.1 - 8)	Good (B+) (6.1 - 7)	Above Average (B) (5.1 - 6)	Average / pass class (4 - 5)	Fail (F) 0 - 3.99	All Clear	With ATK T
1	SE Mech (A)	76	75	33	37	5	-	-	-	1	98.68	100
2	SE Mech (B)	77	77	23	46	8	-	-	-	0	100	100
3	TE Mech (A)	86	84	79	5	--	-	-	-	2	98	100
4	TE Mech (B)	84	84	79		5	-	-	-	0	100	100
5	BE Mech (A)	70	69	68	1	-	-	-	-	1	98.57	100
6	BE Mech (B)	78	78	78	-	-	-	-	-	0	100	100
7	SE Mech Sand	78	72	23	45	4	-	-	-	6	92.31	100
8	TE Mech Sand	80	80	76	4	-	-	-	-	0	100	100
9	BE Mech Sand	78	77	76	1	-	-	-	-	1	98.72	100

Term Two													
S N	Class	Number of Students										Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1 – 9)	Very Good (A) (7.1 – 8)	Good (B+) (6.1 – 7)	Above Average (B) (5.1 – 6)	Average / pass class (4 – 5)		Fail (F) 0 – 3.99	All Clear	With ATKT
1	SE Mech (A)	76	49	3	27						27	64	100
2	SE Mech (B)	77	41	1	19	20					36	53	100
3	TE Mech (A)	86	58	14	37	7					28	67.44	100
4	TE Mech (B)	84	61	31	24	6					23	72.62	100
5	BE Mech (A)	73	67	64	3						6	91.78	–
6	BE Mech (B)	78	74	71	3						4	94.87	–
7	SE Mech Sand	78	28	0	6	19	3				50	36	100
8	TE Mech Sand	80	69	57	12						11	86	100
9	BE Mech Sand	78	65	63	2						13	83.33	–

Term Two Final Result for BE Classes (Based on CGPA)													
S N	Class	Number of Students										Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1 – 9)	Very Good (A) (7.1 – 8)	Good (B+) (6.1 – 7)	Above Average (B) (5.1 – 6)	Average / pass class (4 – 5)		Fail (F) 0 – 3.99	All Clear	With ATKT
1	BE Mech (A)	73	67	64	3							6	91.78
2	BE Mech (B)	78	74	71	3							4	94.87
3	BE Mech Sand	78	65	63	2							13	83.33

1.10 UNIVERSITY RANKERS (Consider the last five academic years)

Academic Year 2017-18			
Sr No	Name of the Ranker	Class	Rank
1	Satpute Anurag Ajit	TE Mech S/W	3
2	Kriplani Mayur Suresh	TE Mech S/W	9
3	Jagtap Akshay Rajendra	BE Mech S/W	1
4	Kulkarni PrathmeshRavikant	BE Mech S/W	1
5	KetkaliSammedAjit	BE Mech S/W	3
6	ChappidiSreenivasuluSubaiya	BE Mech S/W	4
7	Sawant Abhishek Satish	BE Mech S/W	5
8	Mandlik Sunil Krishnat	BE Mech S/W	7
9	Shenvi Mohit Nitin	BE Mech S/W	9

Academic Year 2018-19			
Sr No	Name of the Ranker	Class	Rank
1	Bhandare Ankur Nitin	SE Mech S/W	1
2	Sarkar Omkar Vilas	SE Mech S/W	2
3	Jadhav Hrishikesh Sanjay	SE Mech S/W	3
4	Joshi Atharv Shekhar	SE Mech S/W	4
5	Gandhi Sarthak Sriraj	SE Mech S/W	5
6	Vaishnavi Prabhu	SE Mech S/W	6
7	Chaitanya Omkar Shrikant	SE Mech S/W	7
8	Kulkarni Bhagyesh Govind	SE Mech S/W	8
9	Shirsathe Gaurav Rakesh	SE Mech S/W	9
10	Choudhari Prathmesh Satish	SE Mech S/W	10
11	Shinde Divya Prakash	BE Mech	1
12	Desai ShiwaniChandrahasya	BE Mech	2
13	Done Sudarshan Balwant	BE Mech	3
14	Patil Kamlesh Mohan	BE Mech	4
15	Sawant Swapnil Uday	BE Mech	5
16	Satpute Anurag Ajit	BE Mech S/W	1
17	Mutha Pratik Rajkumar	BE Mech S/W	2
18	Dalvi Sanit Jagdish	BE Mech S/W	3
19	Mahale Akash	BE Mech S/W	4

Academic Year 2019 - 20			
Sr No	Name of the Ranker	Class	Rank
1	Jaurat Saurabh Vishwanath	SE Mech	7
2	Khedkar Sudarshan Rajendra	SE Mech S/W	1
3	GhanwatTejasBalasaheb	SE Mech S/W	2
4	ZendeVidita Vijay	SE Mech S/W	3
5	Momin Urooj Ahmed Ansari a Ahmed	SE Mech S/W	4

6	GawademaithiliSashikant	SE Mech S/W	5
7	Dabholkar Aniruddh Rajendra	SE Mech S/W	6
8	Kichloo Anmol	SE Mech S/W	7
9	BhasmeRushikesh Sanjay	SE Mech S/W	7
10	Hiremath Vivek Vijaymahantesh	SE Mech S/W	8
11	Mohite Vaishnavi Vijay	SE Mech S/W	9
12	MusaiSarvesh Sanjay	SE Mech S/W	10
13	GiriMenika Rakesh	TE Mech	10
14	Bhandare Ankur Nitin	TE Mech S/W	1
15	Gandhi Sarthak Shriraj	TE Mech S/W	2
16	Jadhav Rushikesh Sanjay	TE Mech S/W	3
17	Kaudare Gaurav Bharat	TE Mech S/W	3
18	Vaishnavi Prabhu	TE Mech S/W	4
19	Babar ManshiBhalchandra	TE Mech S/W	5
20	Kulkarni Chaitanya Bhalchandra	TE Mech S/W	5
21	Chaitanya Omkar Shrikant	TE Mech S/W	6
22	Raut Shraddha Dipak	TE Mech S/W	7
23	Shirsathe Gaurav Rakesh	TE Mech S/W	8
24	Sarkar Omkar Vilas	TE Mech S/W	9
25	Jadhav Kamlesh Shivajirao	TE Mech S/W	10

(start on new page) Few photographs of Labs, final year class group photos, faculty and staff group photos, photo of special facility available in the department, news published in the print media, any significant achievement of department

Size of photo 5 cm x 7 cm with captions



BE Mechanical A 2021- 22 Batch



BE Mechanical B 2021- 22 Batch



BE Mechanical Sandwich AY 2021- 22 Batch

2. FACULTY CONTRIBUTION

2.1 ACHIEVEMENTS OF FACULTY (AWARDS, RECOGNITION, Ph.D. COMPLETION ETC.)

Term One		
SN	Name of Faculty	Awards & Recognitions
1	Dr A V Waghmare	Member-Awards and Recognition SAEINDIA
2	Dr A V Waghmare	Member-Board of Studies, Savitribai Phule Pune University

Term Two		
SN	Name of Faculty	Awards & Recognition
1	Dr S R Patil	Completed Ph.D. in Mech.Engg. from SPPU, Pune
	Dr C S Choudhari	Received recognition as a PhD research guide of SPPU Pune on 01/04/2022
3	Dr M R Dahake	Completed Ph.D. in Mech.Engg. from SPPU, Pune in May 2022
4	Dr C S Dharankar	Received recognition as a PhD research guide of SPPU Pune in 21-22
5	Dr D Y Dhande	Received recognition as a PhD research guide of SPPU Pune in 21-22
6	Dr A V Waghmare	Received recognition as a PhD research guide of SPPU Pune in 21-22

2.2 CONTRIBUTION OF FACULTY (Interaction with outside world)

Term One		
SN	Name of Faculty	Nature and details of contribution (Representation at University, State, National , International level, corporate world, Social Platforms, etc)

1	Dr P S Gajjal	1. Subject Chairman for DoTS TE 2019 Course 2. Subject Member for TE - Electric Vehicle Honors Course in Framing syllabus
2	Dr C S Choudhari	1. Subject Chairman for the subject Refrigeration and Air conditioning” 2. Panel member for Energy management Honors Courses
3	Dr M S Deshmukh	1. Subject Chairman Exam- B.E.(2015 PAT.) (MECHANICAL) (7041566) Paper-Heating Ventilation & Air Conditioning(402044C)
4	Dr S R Patil	1. Academic Advisor on Research Project of Defence Research Development Organisation, Pune
5.	Dr D Y Dhande	1. Subject Chairman for the subjects Fundamentals of Computer Aided Engg (TE Mech SW); Research Methodology (ME- Mechanical Engg) 2. Project Leader in Research project entitled “Development of Environment-friendly corrosion fouling inhibitors for marine applications” in association with UTM, UKM Mylasia, and River Dale University, Nigeria as a part of Research Collaboration.

Term Two		
SN	Name of Faculty	Nature and details of contribution (Representation at University, State, National , International level, corporate world, Social Platforms, etc)
01	Dr Mangesh R. Phate	Session Chair in an international conference on “Recent Advances in Materials, Manufacturing and Machine Learning(RAMMML-2022)” organized by YCCE Nagpur
02	Dr Mangesh R. Phate	Expert Session on“NBA Attributes for the students” @ Zeal College of Engineering & Research, Pune on on 21/03/2022
03	Dr P S Gajjal	1. Subject Member for TE - Electric Vehicle Honors Course in Framing syllabus 2. Subject Member for BE- Process Equipment design in framing Syllabus 3. Panel Member for BE Elec I Electric and Hybrid Vehicle

2.3 e-CONTENT DEVELOPED BY FACULTY AND AVAILABLE ONLINE

Term One				
Sr No.	Name of Faculty	Title of e-content	e-content development facility/platform	link of the content

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Term Two				
Sr No.	Name of Faculty	Title of e-content	e-content development facility/platform	link of the content
1.	P V Deshmukh	Videos	Video Lecturers for SMD, CCA	https://www.youtube.com/watch?v=iBacIKzMf40 https://www.youtube.com/watch?v=Xwwanvsv7q8&t=30s

2.4 FDP/STTP ATTENDED BY THE DEPARTMENT FACULTY

Term One				
S N	Name of Faculty	Title of the FDP/STTP	Organized by	Duration/ Dates
1	Dr S V Chaitanya	Design Thinking	ATAL Academy -	21/06/2021 to 25/06/2021
2	Dr S V Chaitanya	Quality attributes for the strategic improvement of faculty Productivity	ATAL Academy -	03/08/2021 to 07/08/2021
3	Dr C S Choudhari	One week FDP on Electric Mobility as Future	AICTE,ISTE , D.Y Patil IOEMR Pune	25/10/2021 to 29/10/2021
4	Dr C S Choudhari	One week online FDP on Achieving Leadership Excellence for Teachers of Higher Educational Institutions”	AICTE - ATAL	27/09/2021 to 01/10/2021
5	Dr C S Choudhari	One week online FDP on Guidance, counseling and mentoring”	AICTE - ATAL	20/09/2021 to 24/09/2021
6	Dr B D Bachchhav	AICTE-ISTE approved orientation/refresher program on “Nano-technology applications in Mechanical Engineering”	Muffakhan Jha College of Engineering,	10/12/2021 to 16/12/2021

			Hyderabad Telangana	
7	Mr. M R Dahake	AICTE ISTE Approved One-week FDP on “Electric Mobility as Future”	AICTE,ISTE , D.Y Patil IOEMR Pune	25th to 29th October 2021
8	Mr. M R Dahake	Attended One-week AICTE ISTE Refresher Programme on Advances in Engineering	AISSMS COE Pune	08 Dec - 14 Dec 2021
9	Mr M P Bauskar	Innovative & Inventive Problem Solvin STTP	AISSMS COE Pune	22 June-27 June 2021
10	Mr M P Bauskar	Role of Honors Courses in En Education &	SIT LONAVAL A	25 OCT -29 OCT 2021
11	Mr M P Bauskar	Attended One week AICTE ISTE Refresher Programme on Advances in Engineering	AISSMS COE Pune	08 Dec - 14 Dec 2021
12	Dr D S Malwad	One week FDP on “Research Mechanical Engineering”	Sanjivani COE Kopergaon	18 OCT - 23 OCT 2021
13	Dr D S Malwad	One week FDP on “Recent Advances Energy Research and Applications”	KABGT COE Nashik	25 Oct – 29 Oct 2021
14	Dr D S Malwad	AICTE ATAL FDP on “IOT Applic Renewable Energy”	AICTE- ATAL	22 Nov – 26 Nov 2021
15	Dr D S Malwad	AICTE-ISTE one week induction pro ADVANCES IN ENGINEERING	AICTE-ISTE AISSMS COE	8 Dec – 14 Dec 2021
16	Dr D S Malwad	STTP on “NBA Accreditation at preparation”	NITTR, Kolkata	3 Jan – 7 Jan 2022
17	P V Deshmukh	AICTE-ISTE one week induction pro ADVANCES IN ENGINEERING	AICTE-ISTE AISSMS COE	8 Dec – 14 Dec 2021
18	P V Deshmukh	Product Design and Prototype Development	ATAL - Academy	2021-7-12 to 2021-7-16
19	P V	Elements of FEM	ATAL -Acader	26/07/2021 to

	Deshmukh			30/07/2021
20	P V Deshmukh	Revolution & Advances in E-Vehicles	ATAL -Acader	30/08/2021 to 03/09/2021
21	M U GAN	4-Week Induction/Orientation Programme for“Faculty in Universities/Colleges/Institutes of Higher Education”	Teaching Learning Center, Ramanujan College University of Delhi	19-11-2021 to 18-12-2021
22	M U GAN	Induction / Refresher program on "Advances in Engineering”	All India Shri Shivaji Memorial Society’s, College of Engineering, Pune	8-12-2021 to 14-12-2021
23	M U GAN	Attended webinar on "Role of Professional Students Chapter in Enhance Engineering Students Career Growth and Increasing Opportunities" organized by AISSMS COE Pune ISTE Students Chapter	AISSMS COE Pune ISTE Students Chapter	26-06-2021
24	M U GAN	Attended webinar on ""Automotive Industry Trends and Challenges” organized by the Department of MechanicalEngineering, AISSMS College of Engineering, Pune	Department of MechanicalE ngineering, AISSMS College of Engineering, Pune COE PUNE	10-07-2021

25	M U GAN	<p>“Syllabus Implementation Workshop” for the course name of</p> <p>“Skill Development(302047), Audit Course-5(302048) & Audit Course-6(302056)”</p>	<p>Department Mechanical Engineering, Maharashtra Institute of Engineering Technology, Talegaon – 410507.</p>	27-07-2021
26	Dr S V Chaitanya	Inauguration Ceremony of AISSMS COE SESI Institutional Member & AISSMS COE SESI Students' Chapter organized by AISSMS College of Engineering Pune.	AISSMS College of Engineering Pune.	26-08-2021
27	Dr S V Chaitanya	webinar on “Innovation, Entrepreneurship & Startup Week” organized by Department of Mechanical Engineering, AISSMS College of Engineering, Pune	<p>Mechanical Engineering,</p> <p>AISSMS College of Engineering, Pune</p>	11-10-2021
28	Dr S H Wankhade	5 weeks Professional Certificate Course through Coursera on “Foundations: Data, Data, Everywhere”	Google Data Analytics, Coursera	09/08/21-13/09/21
29	Dr S H Wankhade	1 week Certificate course on “Foundation to Electric Vehicle Subsystems”	Decibels Labs Pvt. Ltd., Bangalore	11/10/21-18/10/21
30	Dr S H Wankhade	1 week FDP on “Software based case studies for development of Multidisciplinary Project”.	AISSMS College of Engg, Pune	22/11/21-26/11/21

31	Dr S H Wankhade	5 Days (1 week) Online FDP on “Design Thinking: Aspirations for Innovations”	AICTE ATAL sponsored. AISSMS COE, Pune	29/11/21 - 03/12/21
32	N NGotkhindikar	5 days Augmented Reality & Virtual Reality	AISSMS COE, Pune	21/06/2021 25-06-2021
33	N NGotkhindikar	5 days “Software Based Case Studies for Development of Multidisciplinary Projects”	AISSMS COE, Pune	22/11/21- 26/11/21
34	N NGotkhindikar	One week STTP “Innovative & Inventive Problem Solving”	AISSMS COE, Pune	13.07.2021-18-07.2021
35	Dr P S Gajjal	AICTE-ISTE one week induction program ADVANCES IN ENGINEERING	AICTE-ISTE AISSMS COE	8 Dec – 14 Dec 2021
34	Dr P S Gajjal	AICTE-ISTE approved Five days “Electric Mobility as a Future”	D Y Patil Institute of Engineering Management and Research Pune	25 th – 29 th October 2021
35	Dr P S Gajjal	13 th Summer school in Tribology	TSI, India	31 st August – 4 th September 2021
36	Dr P S Gajjal	AICTE ATAL Electric Vehicle	AICTE ATAL	4th October 2021 to 8th October 2021

37	Dr P S Gajjal	Women Empowerment	GSSJC Chennai	22nd September 2021 to 24th September 2021.
38	Shahid Ali	One Week Short Term Training Program on “Advancements in Refrigeration and Air Conditioning”	GUJCOST	25 th October to 29 th October 2021
39	Shahid Ali	One week ATAL FDP on "Recent advancements in sustainable energy storage and conversion".	Manipal Institute of Technology	25/10/2021 to 29/10/2021
40	Shahid Ali	International workshop on Solar Thermal Energy Storage	IIT Roorkee	13 -14 Dec 2021
41	Shahid Ali	One Week FDP On Software Based Case Studies for Development of Multidisciplinary Projects.	AISSMS COE	22-26 Nov 2021
42	Dr S H Wankhade	1.5 weeks FDP on ‘Product Design and Manufacturing’.	NPTEL (IIT Kanpur)	Jan - Apr 2022
43	Dr Mangesh R. Phate	AICTE-ISTE approved one Week STTP on ‘Creative and innovative Approaches for Teaching and Learning ’	Dr Rajendra God e Institute of Technology and Research , Amravati	04 th Oct 2021- 8 th Oct 2021
44	Dr Mangesh R. Phate	Workshop/Training on national IP awareness mission (NIPAM), Government of India, New Delhi	AISSMSCO E, Pune	09 March 2022
45	A T Thombare	ATALOnline FDP “Recent Advances in Mechanical Engineering Design”	ATAL Bharati Vidyapeeth	20-7-21 To 24-7-21
46	A T Thombare	FDP on “Electric Mobility as future”	SAE and DrD.Y.Patil Institute of Engineering,	25-10-21 to 29-10-21

			Management research Akurd	
47	A T Thombare	AICTE sponsored one week STTP on “Innovative and Inventive problem solving“	AISSMS COE , Pune.	13-07-21 18-07-21
48	DR D Y Dhande	Faculty Development Programme on NANOFLUIDICS: THEORY, EXPERIMENTATION, COMPUTATION AND APPLICATIONS	Saintgits Col Engineering, Kottayam	13th to 15th September,
49	Dr D Y Dhande	Online Elementary ATAL FDP on " Computational Fluid Dynamics – A Potential Engineering Design Tool"	AICTE & C University Technology Management.	2021-07-26 to 30
50	Dr D Y Dhande	Online Elementary FDP on "Alternative fuels :Biofuels"	AICTE & F College of En Kalaburagi	04/10/2021 to 08
51	Dr M M Sayyad	AICTE-ISTE approved Orientation/Refresher programme on “Advances in Engineering”	AISSMSCOE	8/12/2021 to 14.12/2021
53	Dr M.R.Phate	AICTE-ISTE approved one Week STTP on ‘Techniques for developing creativity and innovation among students’	Dr Gode of Technolo Research Amravati	24 th May 2021- 28 th May 2021
54	Dr M. S. Deshmukh	AICTE-ISTE one week induction pro ADVANCES IN ENGINEERING	AICTE-ISTE AISSMS COE	8 Dec – 14 Dec 2021

Term Two				
S N	Name of Faculty	Title of the FDP/STTP	Organized by	Duration/ Dates
1	Dr B D Bachchhav	AICTE Sponsored one week (Face to Face) faculty development program on “Product Design, Development	COEP, Pune	10-14 January 2022

		and Manufacturing through Boot Camp”.		
2	Mr M P Bauskar	1 Week FDP on Modern Trends in Energy System	AISSMS Coe	07-11 Feb 2022
3	P V Deshmukh	Project Based Learning	AISSMS CoE	21.02.2022 to 26.02.2022
04	Dr M.R.Phate	Workshop/Training on national IP awareness mission (NIPAM), Government of India, New Delhi	Government Polytechnic Amravati	29 Jan 2022
05	Dr M.R.Phate	AICTE-ISTE approved one Week STTP on ‘Creative and innovative Approaches for Teaching and Learning ’	Dr Rajendra Gode Institute of Technology and Research , Amravati	04th Oct 2021- 8th Oct 2021
06	Dr S H Wankhade	1 week (5 day) online FDP on Intellectual Property Rights (IPR) Advance Learning in Research and Innovation.	SRMV Engg College, Tamil Nadu	14/02/2022 - 18/02/2022
07	N NGotkhindikar	One week Modern Trends in Energy Systems	AISSMS COE, Pune	07/02/2022 - 11/02/2022
08	Dr S.R.Patil	FDP on Recent Advances in Noise,Vibration and Harshness	MIT-WPU, pune	07/04/2022 to 09/04/2022.
09	Dr C S Choudhari	One week AICTE-ISTE approved orientation/ refresher program on “Advances in Engineering” during 08/12/2021 to 14/12/2021	AISSMS COE Pune	08/12/2021 to 14/12/2021
10	Dr C S Choudhari	One week ISTE FDP on “Industry 4.0 & Smart Manufacturing”	Padm. Dr V B Kolte College of Engineering Malkapur, Dist. Buldana	31 may to 4th June 2022
11	Dr C S Choudhari	One week ISTE FDP on “Qualitative and Quantitative Approaches for quality assurance through performance indicators in engineering institutions”	Pune Institute of Computer technology Pune	2 to 6 th May 2022.
12	Dr D S Malwad	One week FDP on “Modern Trends in Energy Systems”	AISSMS COE, Pune	7 Feb - 11 Feb 2022

13	Dr D S Malwad	Crash Course on Python an online course	Authorized by Google and offered through Coursera	14 March – 21 April 2022
14	Dr D S Malwad	One Week Faculty Development Program on “Exploring the Research in Mechanical Engineering”	Dr D. Y. Patil Institute of Technology, Pimpri	23 Feb – 27 Feb 2022
15	G.P.Lohar	4-Week Induction/Orientation Programme for “Faculty in Universities/Colleges /Institutes of Higher Education”	Teaching Learning Centre, Ramanujan College University of Delhi	19 November - 18 December, 2021
16	Dr Mangesh R. Phate	Workshop/Training on national IP awareness mission (NIPAM), Government of India, New Delhi	GP Amravati	29 Jan 2022
17	Dr P S Gajjal	14th summer School in Tribology	IIPM Gurgaon	14-18 june 22
18	Mrs M P Shah	Online Short termcourse on "Additive Manufacturing and characterization"	Chennai Institute of Technology Chennai	21/2/22 to 25/2/22
19	A T Thombare	One Week Short Term Training Programme through ICT Mode on Refresher course on MATLAB and LABVIEW Applications in Engineering	NITTTR Kolkata	21-2-22 To 25-2-22
20	A T Thombare	Short term training course on “Mechatronics : Integrated Technology for Intelligent Machines	IIT Madras	14-03-22 to 19-03-22
21	A T Thombare	Refresher Program on “Advances in	AISSMSCOE	8-12-21 to 14-12

		Engineering”	AICTE -ISTE	
22	A T Thombare	One Week Short Term Training Program through ICT Mode on MATLAB in Mechanical Engineering Applications	NITTTR Kolkata	21-03-22 to 25-03-22
23	Dr D Y Dhande	One week AICTE-ISTE approved refresher/Orientation program on “ Additive Manufacturing in Medical and emerging applications”	Vasavi College Engineering, Hydrabad	27.01.2022 to 02.02.2022
24	P V Deshmukh	Faculty Development Program On “FEM & its Applications in Recent Material Technology”	Government Engineering College, Bikaner	10th March - 14th March 2022
25	Dr M.S Deshmukh	AICTE-ISTE approved one Week STTP on ‘Creative and innovative Approaches for Teaching and Learning ’	Dr Rajendra Gode Institute of Technology and Research , Amravati	04th Oct 2021- 8th Oct 2021
26	Mr. S.R.Patil	One week AICTE-ISTE approved orientation/ refresher program on “ Advances in Engineering”	AISSMS COE Pune	08/12/2021 to 14/12/2021

2.5 SEMINARS/ WORKSHOPS/ WEBINARS ATTENDED BY THE DEPARTMENT FACULTY

Term One				
S N	Name of Faculty	Title of the Seminar/Webinar	Organised By	Duration/ Dates
1	Dr S V Chaitanya	Role of Professional students chapter in enhancing engineering student career growth and increasing opportunities	AISSMS COE ISTE Students Chapter	26-June 2021
2	Dr S V Chaitanya	Design of Experiments	LD college of Engineering SAE India Gujarat Division	18-sept-2021

3	Dr S V Chaitanya	Electric Mobility As Future	Dr D Y Patil Pratishthan's Dr D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune	25-29 Oct-2021
4	Dr M. M. Sayyad	Innovation and Entrepreneurship	Maharashtra Institute of Technology, Aurangabad	08 Nov 2021
5	Dr M. M. Sayyad	Life Skills and Mental Health	MGM's College of Engineering and Technology	01 Oct 2021
6	Dr M. M. Sayyad	"IPR with reference patent drafting and filing in Indian context"	Institution's Innovation Council AISSMS COE & Sponsored by	14 Oct 2021
7	Dr M. M. Sayyad	Mazi Vasundhara Mitra	Govt. of Maharashtra	09 Oct 2021
8	Dr M. M. Sayyad	"Innovation, Entrepreneurship & Startup Week"	AISSMS's College of Engineering	11 Oct 2021
9	Dr Mannan Sayyad	Smart, Clean and Green Electrical Energy for Sustainable Future	IEEE, AISSMS COE	05 Oct 2021
10	Dr Mannan Sayyad	"DEVELOPING ENTREPRENEURSHIP PERSONALITIES"	Institution's Innovation Council AISSMS COE Innovation Cell	04 Oct 2021
11	Dr Mannan Sayyad	"Developing a Culture of Innovation"	ASSIM COE TRIZ chapter	15 Sept 2021
12	Dr Mannan Sayyad	Engineering for Healthy planet"	Indian Water Works	15 Sept 2021
13	Dr Mannan Sayyad	"Essential Tips for Publishing in High Impact Journals"	Researcher Academy On Campus	08 Sept 2021
14	Dr B D Bachchhav	Mazi Vasundhara Mitra	Govt. of Maharashtra	09 Oct 2021

15	Dr B D Bachchhav	Syllabus implementation workshop, TE _Mechanical Elective COurse	Amrutvahini College of Engineering, Sangamner	28 July 2021
16	Dr C S Choudhari	“Present and Future Energy Scenario in India”	Ganpat University - U.V. Patel College of Engineering	23th October 2021
17	Mr M R Dahake	Stress Management for Working Professional	BVCOE, Navi Mumbai	24th July 2021
18	Mr M R Dahake	Role of Professional Chapters in Enhancin Engineering Students Career Growth and Increasing Opportunities	AISSMSCOE Pune	26th June 2021
19	Mr M R Dahake	OBE in Pursuit of Academic Excellence-II	Karpagam Academy of Higher Education Coimbatore	24th June 2021
20	Mr M P Bauskar	“Automotive Industry Trends and Challenges (webinar)”	AISSMS COE	10th July 2021
21	Mr M P Bauskar	“Developing a Culture of Innovation”(webinar)	AISSMS COE	15th Sept 2021
22	Mr M P Bauskar	“Developing Entrepreneurship Personalities”(lecture series)	AISSMS COE	04th Oct 2021
23	Mr M P Bauskar	“Innovation,Entrepreneurshi p& Startup Week” (Webinar)	AISSMS COE	11th Oct 2021
24	N NGotkhindika r	Quiz on India at olympics	AISSMS COE	27.07.2021
25	N NGotkhindika r	Two Days Hands-on Workshop on Machine Learning	AISSMS COE	31.08.2021-01.09.2021
26	N NGotkhindika r	Webinar on Current scenario in India	AISSMS COE	05/10/2021
27	N NGotkhindika r	Webinar on automotive industry trends and challenges	AISSMS COE	10/07/2021

28	N NGotkhindika r	Webinar on Innovation in Technology Adoption and Development of High Precision Slipring: A Case Study	AISSMS COE	18/07/2021
29	N NGotkhindika r	Webinar on OBE in pursuit of academic excellence	Karpagam university	24/06/2021
30	N NGotkhindika r	Syllabus implementation workshop Mechatronics	MMIT Pune	27/06/2021
31	Dr Mrs P S Gajjal	Stress Management for Working Professional	BVCOE, Navi Mumbai	24th July 2021
32	Dr Mrs P S Gajjal	Role of Professional Chapters in Enhancin Engineering Students Career Growth and Increasing Opportunities	AISSMSCOE Pune	26th June 2021
33	Dr Mrs P S Gajjal	OBE in Pursuit of Academic Excellence-II	Karpagam Academy of Higher Education Coimbatore	24th June 2021
34	Shahid Ali	NPTEL E –Awareness Workshop	IIT Madras	November 25, 2021
35	Shahid Ali	Workshop on Automation Studio Simulation Software”	MESCOE Pune	16 Dec 2021
36	Shahid Ali	“e-Symposium on Building Innovation and Entrepreneurial Ecosystem	AICTE	11 12 Dec 2021
37	Shahid Ali	NPTEL E –Awareness Workshop	IIT Madras	17 Nov 2021
38	G.P.Lohar	“Electric Vehicle-Future Scope and Challenges”	Dr D. Y. Patil Institute of Technology Pimpri, Pune-18	14th to 18th September 2021.
39	Dr M. S. Deshmukh	“Developing a Culture of Innovation”(webinar)	AISSMS COE	15th Sept 2021

Term Two				
S N	Name of Faculty	Title of the Seminar/Webinar	Organised By	Duration/ Dates
1	Dr P S Gajjal	IP awareness/Training program under National Intellectual Property Awareness Mission	Intellectual Property Office and MoE's Innovation Cell, India	June 28, 2022
2	Mrs. M P Shah	Indo-USA SPARC Workshop on "Additive manufacturing: Materials and application"	Indus University	Feb 7, 2022
3	Mrs. M P Shah	Hands on Workshop on "Introduction to Additive Manufacturing from ANSYS "	ANSYS	April 2, 2022

2.6 CONFERENCES/ SYMPOSIUMS ATTENDED BY THE DEPARTMENT FACULTY

Term One				
S N	Name of Faculty	Title of the Conference / Symposium	Organized By	Duration/ Dates
1	Dr C S Choudhari	11th International conference on Sustainable Waste Management and Circular Economy & IPLA Global Forum 2021	International Society of Waste Management, Air and Water	December 01-04 , 2021
2	Appurva Kale, Dr P S Gajjal	Paper on wind load estimation and truss optimization of parabolic radio dish antenna	NECITME-2021 SIT Lonavala,	July, 6th, 2021

Term Two				
S N	Name of Faculty	Title of the Conference / Symposium	Organized By	Duration/ Dates
1	Dr B D Bachchhav	International Conference on Materials Engineering and Manufacturing Systems	Matteest Research Academy, Chennai, Tamil Nadu, India,	28-29-30 January 2022.
2	M P Bauskar	Published Research Paper in Conference NCIET ON Experimental Analysis of E glass & Carbon	AISSMSCOE PUNE	20 May 2022
3	Dr D S Malwad	Presented two papers in National Conference on Innovation in Engineering and Technology 2022	AISSMSCOE PUNE	20 May 2022

2.7 ONLINE COURSES / CERTIFICATE COURSES COMPLETED BY DEPARTMENT FACULTY

Term One				
S N	Name of Faculty	Title of the Course	Conducted By	Duration/ Dates
1	Dr S V Chaitanya	Mazi Vasundhara Mitra	Govt of Maharashtra Environment and Climate Change Department	09-Oct-2021
2	Dr M. M. Sayyad	ATAL FDP on "Design, Synthesis and Characterization of Novel Materials	INDIAN INSTITUTE OF INFORMATION TECHNOLOGY TIRUCHIRAPPA LLI.	25/10 to 29/10/2021
3	Dr S H Wankhade	5 weeks Professional Certificate Course through Coursera on "Foundations: Data, Data, Everywhere"	Google Data Analytics, Coursera	09/08/21- 13/09/21
4	Dr S H Wankhade	1 week Certificate course on "Foundation to Electric Vehicle Subsystems"	Decibels Labs Pvt. Ltd., Bangalore	11/10/21- 18/10/21

5	N NGotkhindika r	12 week NPTEL Course on Manufacturing Processes I & II	Swayam	12 weeks
6	Dr P S Gajjal	AICTE ATAL Electric Vehicle	AICTE ATAL	4th October 2021 to 8th October 2021
7	Shahid Ali	One week ATAL FDP on "Recent advancements in sustainable energy storage and conversion	Manipal Institute of Technology	25/10/2021 to 29/10/2021
8	Dr S H Wankhade	12 weeks Certificate Course on 'Product Design and Manufacturing', secured Elite + Silver medal.	NPTEL	Jan - Apr 2022

Term Two				
S N	Name of Faculty	Title of the Course	Conducted By	Duration/ Dates
	Dr P S Gajjal	14th summer School in Tribology	IIPM Gurgaon	14-18 june 22
2	Mrs M P Shah	Attended one week online Short Term course on "Refresher course on MATLAB and LABVIEW Applications in Engineering"	NITTTRK	21/2/22 -25/2/22
3	Mrs M P Shah	AICTE-ISTE approved Refresher course on Advances in Engineering	AISSMS COE	8/12/21 to 14/12/21

2.8 EXTENSION LECTURES / WEBINARS (Lectures organised on other than technical topics))

Term One					
S N	Name of faculty coordinator	Topic	Name and contact details of guest	Date	Number of beneficiaries

Term Two					
S N	Name of faculty coordinator	Topic	Name and contact details of guest	Date	Number of beneficiaries
1	Dr P S Gajjal Dr M R Dahake	Presentation Skills and Motivational Thoughts	Dr Rakesh Himte Motivational speaker	17 March 2022	92

2.9 FACULTY SERVED AS RESOURCE PERSON, EXPERT, CHAIRPERSON

Term One				
S N	Name of Faculty	Title of Activity	Organizing body	Date
1	Dr C S Choudhari	Resource person for Induction Program	Arvind Gavali COE Satara	10/12/2021
2	Dr C S Choudhari	Expert for External Audit	AISSMS College of Pharmacy, Pune	21, 22 & 25 October 2021
3	Dr C S Choudhari	Expert for External Audit	Kirloskar Institute of management and Advanced studies, Pune	01/12/2021
4	Dr Mangesh Phate	Expert Session on "Research Scope for Engineering Students"	Zeal College of Engineering & Research, Pune	11/09/2021

6	Dr S H Wankhade	“Creative Pedagogy - TRIZ way” at One week online self finance AICTE - ISTE approved STTP on "Creative and Innovative Approaches for Teaching and Learning"	Dr Rajendra Gode Institute of Technology and Research Amravati, Department of Applied Science and Humanities	05/10/2021
7	Dr S H Wankhade	“TRIZ - Theory of Inventive Problem Solving”, during Expert Lecture series	IIT Guwahati	23/09/2021
8	Dr S H Wankhade	“Innovation and Creativity” at Series of impact lectures for creating awareness amongst students about Innovation & Entrepreneurship.	“Institutions’ Innovation Council” WIT Solapur	29/09/2021
9	Dr S H Wankhade	“Creative Pedagogy - TRIZ way” at AICTE - ISTE approved STTP on "Creative and Innovative Approaches for Teaching and Learning"	Dr Rajendra Gode Institute of Technology and Research Amravati, Department of Applied Science and Humanities	05/10/2021
10	Dr S H Wankhade	Introduction to TRIZ (Inventive Problem Solving) at Mentor Session for POPBL batches	Indo Universal Collaboration of Engineering Education (IUCEE)	07/10/2021 & 14/10/2021.
11	Dr S H Wankhade	Moderated the TRIZ for X Conference	TRIZ Association of Asia & AISSMSCOE	15 to 19/11/2021
12	Dr S H Wankhade	TRIZ based guidance on Innovation to top 100 teams of Sparkle competition	KPIT Sparkle 2022, KPIT Technologies.	26/11/2021 & 29/11/2021
13	Dr D Y Dhande	Resource Person for One week ISTE-AICTE Induction/Refresher Program on “Advances in Engineering”	AISSMSCOE, Pune	09/12/2021

Term Two				
S N	Name of Faculty	Title of Activity	Organizing body	Date
1	Dr Mangesh Phate	Expert Session on“Scope of the Design of Machine Elements with Real time Applications and Opportunities in the Industry	Zeal College of Engineering &Research,Pune	22/01/2022
2	Dr Mangesh Phate	Expert Session on“NBA Attributes for the students	Zeal College of Engineering &Research,Pune	21/03/2022
3	Dr C S Choudhari	ISTE approved inter disciplinary one week online STTP on “ Low cost automation in view of Industry 4.0”	Shri Shivaji Education Society’s COE and Technology, Akola	03/02/2022
4	Dr S H Wankhade	One day TRIZ based Session on Problem Solving and Ideation Workshop	IIC, G H Raison Institute of Engineering and Business Management, Jalgaon	18/02/2022
5	Dr S H Wankhade	“TRIZ Introduction, application and case study in Digital Manufacturing" at STC on "Digital Manufacturing"	Punjab Engineering College, Chandigarh	26/02/2022 6
6	Dr S H Wankhade	Systematic Innovation	Tech Summit, KPIT Cummins at COEP	08/07/2022

Few photographs related to faculty contribution (felicitation of faculty, photos of award function etc.

Size of photo 5 cm x 7 cm with captions



BE PROJECT COMPETITION (EXHIBITION)

Glimpses of the Project Competition [Exhibition]

3. ACTIVITIES ORGANIZED

3.1 FDP/STTP ORGANIZED BY THE DEPARTMENT

Term One					
S N	Name of faculty coordinator	Title of the FDP/STTP/WS/ Seminar/Sympo sium	Duration/ Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)
01	Dr Mangesh R Phate	AICTE-ISTE Sponsored One week (6 days) online Induction/Refres her Program on 'Advances in Engineering'@ Institute Level	08/12/202 1 to 14/12/202 1	100	ISTE (93,000/-) Reference No ISTE/AICTE- ISTE Induction Refresher program/2021- 22/28/2021 Dated 28.11.2021

Term Two					
S N	Name of faculty coordinator	Title of the FDP/STTP/WS/ Seminar/Sympo sium	Duration/ Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)

3.2 SEMINARS/ WORKSHOPS/ WEBINARS ORGANIZED BY THE DEPARTMENT

Term One					
S N	Name of Coordinator/ s	Title of the Seminar/Webinar	Duration / Dates	No. of Participa nts	Funding Agency (If any) and Amount (Rs.)
01	Dr S H Wankhade	Conducted Webinar on "Developing a culture of Innovation " on the occasion of Engineer's Day Celebration by Mr Ramana Ramanathan, Sr Vice President, TCS;	15/09/20 21	150	AISSMSCOE

		First Mission Director, Atal Innovation Mission (AIM) and Additional Secy Niti Aayog.			
02	Dr S H Wankhade	National Level Event on 'India in 2040-CD/Soap Art'	13/10/2021 - 21/10/2021	20	AISSMSCOE
03	Dr S H Wankhade	Conducted a webinar on "Challenge based Higher Education at LUT University, Finland"	30/11/2021	50	IIC and TRIZ Chapter.
04	N NGotkhindikar	Career opportunities after BE Mech and Gate 2022	02/12/2021	64	NA
05	N NGotkhindikar	First Regional Conclave of Students' Chapter of The Institution of Engineers (India) for Western Region for the year 2021-22 , Paper presentation	09-10 December	78	IEEE, AISSMS COE
06	Dr (Mrs) P S Gajjal	Expert Talk Analysis of Beams by CREO software,	25 th Dec 2021	112	

Term Two					
S N	Name of Coordinator/s	Title of the Seminar/Webinar	Duration / Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)
01	Dr M R Phate	Identifying Intellectual property right component at the early stage of Innovation	09 March 2022	65	IPR office Government of India
02	Dr S H Wankhade, M P Bauskar	Introduction to Lean Six Sigma and its Importance to Professionals	05/03/2022	85	IIC, AIQM India, TRIZ Association of Asia &

					AISSMSCOE
03	Dr S H Wankhade	TRIZ based Innovation	10/03/2022	82	IIC, TRIZ Association of Asia, AISSMSCOE
04	N NGotkhindikar	Importance of Aptitude for campusing	24/03/2022	68	IMechE, AISSMS COE
05	Dr C S Choudhari	Expert talk on “ Design Thinking and Value Engineering”	12 may 2022	65	AISSMS COE
06	Dr P S Gajjal	Expert talk on Industrial Large Assembly Management Systems for Better Product Development	1st April 2022	82	AISSMS COE
07	Dr P S Gajjal	Presentation Skills and Motivational Thoughts”	17/03/22	93	AISSMS COE
08	Dr S H Wankhade	Expert lecture on “Structured approach towards productivity improvement in manufacturing industries”	17/05/2022	63	AISSMS COE
09	Dr D Y Dhande Prof P V Deshmukh	Injection Molding of Plastics	28/05/22	55	AISSMSCOE

3.3 CONFERENCES/ SYMPOSIUMS ORGANIZED BY THE DEPARTMENT

Term One					
S N	Name of Coordinator/s	Title of the Conference / Symposium	Duration / Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)

Term Two					
S N	Name of Coordinator/ s	Title of the Conference / Symposium	Duration / Dates	No. of Participa nts	Funding Agency (If any) and Amount (Rs.)

3.4 EXTENSION ACTIVITIES CONDUCTED BY THE DEPARTMENT (Social activities / Quizzes at national/international level/any other activity)

Term One				
S N	Name of Faculty Coordinator	Details of activity conducted	Date	Number of beneficiari es
1	Dr A V Waghmare, Dr C S Choudhari	Campus Engagement Program - Knorr Bremse Technology (I) Pvt Ltd. Pune	24 August 2021	245
2	Dr C S Choudhari	GK Quiz “ India at Olympics”	24th July to 08 August 2021	254
3	Dr C S Choudhari Dr D Y Dhande	National Level Quiz on “Innovation and start Up”	11 October to 16 October 2021	329
4				

Term Two				
S N	Name of Faculty Coordinator	Details of activity conducted	Date	Number of beneficiari es
1				

3.5 MOU SIGNED WITH ACADEMIC AND PROFESSIONAL ORGANIZATIONS

Term One				
Sr. No.	Faculty Coordinator	Name of Organization	Date of MoU Signed	Valid upto dd/mm/yyyy

1.	Dr D Y Dhande	University Therengganu, Malaysia	01/07/2021	30/06/2023
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Term Two				
Sr. No.	Faculty Coordinator	Name of Organization	Date of MoU Signed	Valid upto dd/mm/yyyy
01	Dr B D Bachchhav	Institute of Systems	04/04/2022	03/04/2025
02	Dr B D Bachchhav Dr S V Chaitanya	SSIG Manufacturing Advancements Pvt. Ltd., Pune	April 2022	April 2025
03	Dr S H Wankhade	U B Cryogenic Solutions LLP, Pune	March 2022	April 2027

Total Functional / Live MoU initiated by Department				
Sr. No.	Faculty Coordinator	Name of Organisation	Date of MoU Signed	Valid upto dd/mm/yyyy
1	M P Bauskar	Mettechnik, MIDC Bhosari Pune 411026	10/10/2019	09/10/2024

3.6 STUDENTS' CHAPTERS /CLUBS

Sr. No	Name of Students' Chapter	Number of Student Members
1	SAEINDIA Collegiate Club	120
2	Team m-BAJA	30
3	Team Formula student	22
4	Team Garudashwa	21
5	Team Go-kart	28
6	Team Reev	25
7	ISHRAE	–
8	SAE SUPRA	25
9	Solar Energy Society of India (SESI)	20
10	Institution of Engineers India IE (I)	--
11	Indian Society of technical education ISTE	120
12	IMechE	87

EVENTS ORGANISED (By Students' Chapters / Clubs and others)**Name of Students' Chapter:** SAEINDIA Collegiate Club**Faculty Advisor:** Dr A V Waghmare and Dr C S Dharankar

Term One				
SN	Event name and details of event	Name of chief guest, judges etc.	Duration and Dates	Number of beneficiaries

Term Two				
SN	Event name and details of event	Name of chief guest, judges etc.	Duration and Dates	Number of beneficiaries

Name of Students' Chapter: Institution of Engineers India IE(I)**Faculty Advisor:** Mr. M U GAN

Term One				
SN	Event name and details of event	Name of chief guest, judges etc.	Duration and Dates	Number of beneficiaries
1	Expert lecture on "Introduction to CREO & ANSYS"	Mr Apoorv Bapat	7 September 2021, 10.00 am to 12.00pm	110

Term Two				
SN	Event name and details of event	Name of chief guest, judges etc.	Duration and Dates	Number of beneficiaries
1	Name of the Activity: Expert Talk Objectives of the activity: Enhancement of presentation skills and a thought of motivation in the	Dr Rakesh Himte	17 th March 2022 @ 09:00 am	92

	students for upgrading themselves.			
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3.7 SOCIAL ACTIVITIES ORGANISED (NSS, Women empowerment, Awareness Programs, etc.)

Term One			
Faculty coordinator	Name of Activity	Date, Duration	Number of students involved

Term Two			
Faculty coordinator	Name of Activity	Date, Duration	Number of students involved

3.8 PARENT MEETING

Faculty Coordinator	Day and Date	Details of Parent meetings organized	Number of Parents attended
A T Thombare	SE Mech A and B and SE MS 05/03/22 (Saturday) TE Mech A and B 12/03/22 (Saturday)	<p>Parents meet for Mechanical Engineering department was scheduled in March 2022. The meet was arranged on Microsoft Teams platform. Number of points related to department, academics, Training and placement, sandwich training ,examination etc. were discussed by respective class GFM, HOD, sandwich coordinator, CITP head and Examination coordinator.</p> <p>Suggestions from parents were collected during meeting as well as feedback link is shared with parents</p>	155

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3.9 ALUMNI MEET

Faculty Coordinator	Day and Date	Details of Alumni meetings organized	Number of Alumni attended
DrA.V. Waghmare DrS.R.Patil	Saturday, 27/11/2021	All alumni interacted with faculties of the department.	93

3.10 SUPPORT FROM ALUMNI

Term One					
Sr No	Name of Alumni	Position and Organisation	Batch (e.g. 2014 – 2018)	Details of Support	Date

Term Two					
Sr No	Name of Alumni	Position and Organisation	Batch (e.g. 2014 – 2018)	Details of Support	Date

3.11 INTERACTION WITH ALUMNI

Term One				
S N	Name of Alumni and Activity coordinator	Details of Activity conducted	Date and duration	Total Number of beneficiaries
1	1.Mr.NainishTikoo 2.Mr.Supreet Upadhyay 3.Mr.Munaf Abdul Tisekar Coordinator- Prof. M.M. Kondhare,Media Team and Prof.S.R.Patil	All three alumni interacted with students and faculties of the department in the prog.of “Coffee and Conversation with Alumni”.	Saturday 14/08/2021.	78

Term Two				
S N	Name of Alumni and Activity coordinator	Details of Activity conducted	Date and duration	Total Number of beneficiaries

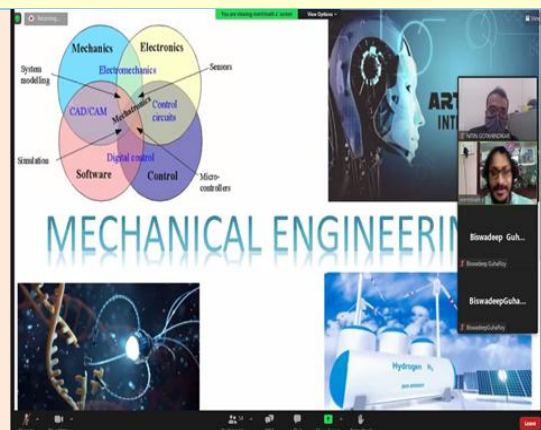
3.12 DETAILS OF STUDENT COUNSELLING AND CAREER GUIDANCE AT THE DEPARTMENT LEVEL

Number of students referred for counselling	
Number of Faculty referred for counselling	

Faculty coordinator	Career guidance activity details
N N Gotkhindikar	Career opportunities after BE Mech and Gate 2022

(Start on new page) Few good photographs related to different activities organized

Size of photo 5 cm x 7 cm with captions






Mode Online for Career Guidance













Campus Engagement Program by Knorr Bremse Pune

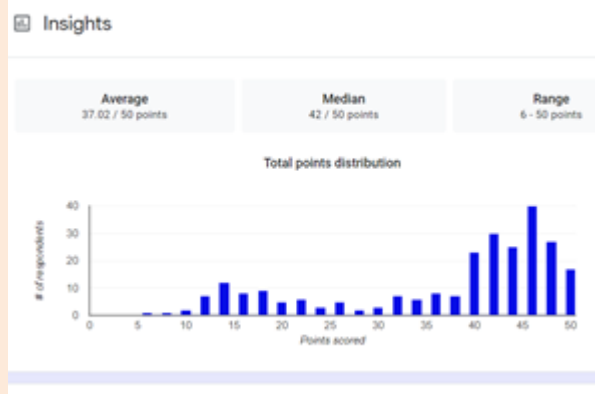


Expert talk by Mr Kiran Nawathe, Engineering Cluster Pune on Design Thinking and value Engineering (12/05/2022)

 <p>AISSMS COLLEGE OF ENGINEERING</p> <p>ज्ञानम् सकलजनहिताय Approved by AICTE, New Delhi, Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University and recognized 2(f) and 12(B) by UGC (Id.No. PU / PNI Engg. / 093 (1992) (Accredited by NAAC with grade A+)</p>	<p>Webinar Registration Details:</p> <p>Participation: TE students Platform : Microsoft Teams Link: https://bit.ly/3AFpYNx</p>				
	<p>Resource Person</p> <p>Mr Ravindra B Patil Sr Manager, Product Development (CAE and Validation) SMRC India Pvt. Ltd, Pune</p> 				
<p>Expert Lecture on "Injection Molding of Plastics"</p>	<p>Mr. Ravindra Patil is a Mechanical Engineer having 10 years of industrial experience in CAE field. He has handled many clients overseas and delivered successful solutions to industrial problems in CAE domain.</p> <p>He has completed his BE (Mechanical) from Kolhapur University and ME (Design) from VIT Pune, SPPU. His expertise include structural analysis of automotive interiors.</p>				
<p>Saturday, 27/05/2022 at 10.30 AM -12.30 PM</p> <p>Organized by Department of Mechanical Engineering AISSMS College Of Engineering, Pune - 01 Phone No. +91-20 2605 7660 / 2605 8587 Website: www.aiissmscoe.com</p>	<table border="0"> <tr> <td> <p>Dr. D Y Dhande dydhande@aiissmscoe.com Webinar Coordinator</p> </td> <td> <p>Mr. P.V.Deshmukh pydeshmukh@aiissmscoe.com Webinar Coordinator</p> </td> </tr> <tr> <td> <p>Dr. B. D. Bachchhav Head, Mechanical Engineering Dept.</p> </td> <td> <p>Dr. D. S. Bormane Principal</p> </td> </tr> </table>	<p>Dr. D Y Dhande dydhande@aiissmscoe.com Webinar Coordinator</p>	<p>Mr. P.V.Deshmukh pydeshmukh@aiissmscoe.com Webinar Coordinator</p>	<p>Dr. B. D. Bachchhav Head, Mechanical Engineering Dept.</p>	<p>Dr. D. S. Bormane Principal</p>
<p>Dr. D Y Dhande dydhande@aiissmscoe.com Webinar Coordinator</p>	<p>Mr. P.V.Deshmukh pydeshmukh@aiissmscoe.com Webinar Coordinator</p>				
<p>Dr. B. D. Bachchhav Head, Mechanical Engineering Dept.</p>	<p>Dr. D. S. Bormane Principal</p>				

Expert Lecture on "Injection Moulding of Plastics" on 27/05/2022

	 <p>AISSMS COLLEGE OF ENGINEERING</p> <p>ज्ञानम् सकलजनहिताय General Knowledge Quiz on 'India at the Olympics' Academic Year 2021-2022 Certificate of Participation</p> <p>This is to certify that <u>Shubham Vitthal Bandekar</u> from <u>AISSMS College of Engineering, Pune</u> has participated in general knowledge quiz on "India at the Olympics" organized by the Department of Mechanical Engineering, AISSMS College of Engineering, Pune-01.</p> <table border="0"> <tr> <td> Dr. C S Choudhari Coordinator</td> <td> Dr. B D Bachchhav Head of Department</td> <td> Dr. D S Bormane Principal</td> </tr> </table>	 Dr. C S Choudhari Coordinator	 Dr. B D Bachchhav Head of Department	 Dr. D S Bormane Principal	
 Dr. C S Choudhari Coordinator	 Dr. B D Bachchhav Head of Department	 Dr. D S Bormane Principal			



National level online quiz on “India at Olympics” during 24 July 2021 - 08 August 2021



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Accredited by NAAC with “A+” Grade



Mechanical Engineering Department

Vision: - To be recognized as a premier centre in the field of Mechanical Engineering Education

An Expert Session on “Introduction to CREO & ANSYS”

Name of the Activity: Expert lecture on “Introduction to CREO & ANSYS”

Objectives of the activity:

- Introduction to basics of CAD and CAE
- Explore various features of CREO and ANSYS
- Provide exposure to students to design and analyse real life automotive problems using CREO and ANSYS.

Topic/Theme: Expert lecture

Activity level: Department Level (IEI Students' Chapter) In association with Institution of Engineers (INDIA)

Date and Timings: 7th September 2021, 10.00 am to 12.00pm

Venue: Online (Microsoft Teams)

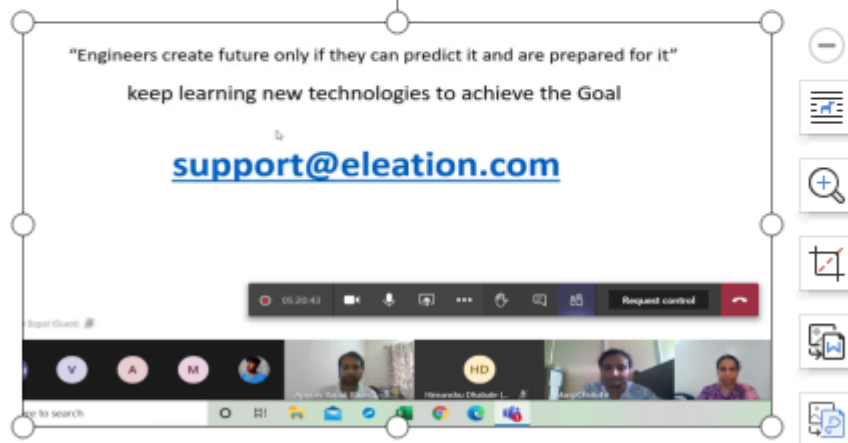
Coordinator: Prof m P Shah, Prof A T Thombare, Prof M U Gan

No. of students Present: 110

Outcome:

Understanding basics of CAD and CAE

Glimpses/Photograph of the event:





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Accredited by NAAC with "A+" Grade



DEPARTMENT OF MECHANICAL ENGINEERING

Activity Report

Name of the Activity: Expert Talk

Objectives of the activity: Enhancement of presentation skills and a thought of motivation in the students for upgrading themselves.

Topic/Theme: Presentational Skills and Motivational thought

Activity level: Department Level (IEI Students' Chapter) In association with Institution of Engineers (INDIA) Department Level

Date and Timings: 17th March 2022 @ 09:00 am

Venue: Online Mode; MS Teams

Expert: Dr Rakesh Himte

Coordinator: Dr (Mrs) P S Gajjal, Dr M R Dahake

No. of students Present: 92

Outcome: An excellent response was given by the students from BE Mechanical and Mechanical Sandwich. Students got exposure to various techniques of presentation their skills. Received good information about motivation and how important to motivate self always.



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सफलजननिदाय

Approved by AICTE, New Delhi, Recognized by Govt. of Maharashtra,
Affiliated to Savitribai Phule Pune University and recognized 2(f) and 12(B) by UGC
(U.No. PU / PNM/Engrg. / 093 / 1992)
(Accredited by NAAC with grade A+)



Expert Talk on "Presentation Skills and Motivational Thoughts"

Organized by

Department of Mechanical Engineering (IEI
Students' Chapter) In association with Institution of
Engineers (INDIA)
AISSMS College Of Engineering, Pune - 01
Phone No. +91-20 2605 7660 / 2605 8587
Website: www.aissmscoe.com

Registration link :

<https://forms.gle/YN1o4W4xgWpDvuj19>

No Registration Fee

- ☐ E- Certificates to Participants
- ☐ Expert Talk will be

Conducted on MS Teams



Resource Person



Dr Rakesh Himte
Motivational Speaker
Dean, IQAC and HOD Mechanical
Engineering Department
RCET, Bhilai

Date & Topic:

17/03/2022
At 01:30 pm

**Topic: Presentation skills and
Motivational Thoughts**

Dr. P. S. Gajjal
Coordinator

Mr M. R. Dahake
Coordinator

Mr M U Gan
IEI Coordinator

Dr. B. D. Bachchhav
HOD

Dr. D. S. Bormane
Principal

4. RESEARCH CONTRIBUTION

4.1 FUNDED RESEARCH PROJECT

Term One				
S N	Principal Investigator	Title of the Project	Amount Received (Rs)	Funding Agency

Term Two				
S N	Principal Investigator	Title of the Project	Amount Received (Rs)	Funding Agency
1	Dr B D Bachchhav Dr D Y Dhande	AICTE- Grant-in-aid under the scheme MODROB-ASP for the Project entitled: “Modernisation of Tribology Laboratory for Performance Evaluation of Nano/Bio Lubricants”	17,18,500/-	AICTE

FUNDING RECEIVED FOR ANY OTHER ACTIVITY

Term One				
S N	Faculty Coordinator	Title of the activity	Amount Received (Rs)	Funding Agency
1	Dr C S Dharankar/ Mr S A Ansari	M - BAJA	515000.00	AISSMS Society Pune
2	Dr A AApte	E - BAJA	80000.00	AISSMS Society

				Pune
3	Dr S H Wankhade	SUPRA	300000.00	AISSMS Society Pune
4	Dr M R Phate	Gokart and Reev	300000.00	AISSMS Society Pune
5	Dr D Y Dhande	Aerodesign (Garudashwa	484000.00	AISSMS Society Pune
6	Mr M S Swami/Dr M R Dahake	Eifi Cycle	52074.00	AISSMS Society Pune

Term Two				
S N	Faculty Coordinator	Title of the activity	Amount Received (Rs)	Funding Agency
1	Dr C S Dharankar/ Mr S A Ansari	M - BAJA	515000.00	AISSMS Society Pune
2	Dr A AApte	E - BAJA	80000.00	AISSMS Society Pune
3	Dr S H Wankhade	SUPRA	300000.00	AISSMS Society Pune
4	Dr M R Phate	Gokart and Reev	300000.00	AISSMS Society Pune
5	Dr D Y Dhande	Aerodesign (Garudashwa	484000.00	AISSMS Society Pune
6	Mr M S Swami/Dr M R Dahake	Eifi Cycle	52074.00	AISSMS Society Pune

4.2 TESTING AND CONSULTANCY

Term One			
Sr. No.	Faculty Coordinator	Details of Testing & Consultancy Conducted	Total Revenue Generated (Rs.)
01	Dr Mangesh R Phate	X Int Katraj Pune (testing) in process	3000/-

Term Two			
Sr. No.	Faculty Coordinator	Details of Testing & Consultancy Conducted	Total Revenue Generated (Rs.)
1.	Dr D Y Dhande Dr C S Dharankar Mr M S Swami	Bearing Life Testing (Work in process, PO confirmation received, PO yet to be received)	7.50 Lacs
2	Dr D G Bhalke Dr C S Choudhari	Consultancy to NAAC accreditation institute “Prathibha College of Arts, Commerce and computer studies, Pune”	1,00,000/-

4.3 PATENTS, COPYRIGHT, TRADEMARK AND OTHER (IPR)

Term One				
Sr No .	Name of Faculty	Name of the Patent	Patent Number and Date	Type (National/ International/Commercialized)
1				

Term Two				
Sr No .	Name of Faculty	Name of the Patent	Patent Number and Date	Type (National/ International/Commercialized)

PUBLICATIONS

4.4 PAPERS PUBLISHED/ PRESENTED IN PROCEEDINGS OF CONFERENCES

Term One						
S. No	Authors	Document Details	Year	Conference Details	ISBN	Organized by
01	Jitendra Singh Pal, C S Choudhari, S N Sapali, T R Anil	Energy analysis of waste	2021	11th International conference on		International Society of Waste Managem

		incineration plant used in marine vessels		Sustainable Waste Management and Circular Economy & IPLA Global Forum 2021 during December 01- 04 , 2021		ent, Air and Water
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Term Two						
S. No	Authors	Document Details	Year	Conference Details	ISBN	Organized by
1	M P Bauskar	Published Research Paper in Conference ON Experimental Analysis of E glass & Carbon Fibre Composite	2022	NCIET		AISSMSC OE PUNE
2	Mrs. M P Shah, Dr Sarang Pande, Dr D R Patel	Additive manufacturing integrated Casting- A review. Volume 62, Part 13, Pages 6913-7340 (2022)	2022	International Conference on Additive Manufacturing and Advanced Materials (AM2)	22147853	PDDU

4.5 PAPERS PUBLISHED IN JOURNALS

Term One						
S. No	Authors	Document Details	Year	Source Details	ISBN/ ISSN	Publisher
1	C S Choudhari, D Y Dhande	Smart Technologies to mitigate and manage the pandemic: Today and tomorrow	2021	SAMRIDDHI Vo. 13, Issue 2, 2021	2229-7111	SAMRIDDHI: A journal of Physical sciences, Engineering and Technology
2	P S Gajjal, S Y Gajjal	Wear behaviour of Sintered bearings using additives in dry sliding	2021	Materials Today Proceedings	Doi.org/10.116/j.matpr.2021.01.413	Elsevier
3	P S Gajjal, S Y Gajjal	Wear of Dry Sintered Iron Bearings with Molybdenum Disulphide and Zinc Stearate	2021	IUP Journal of Mechanical Engineering	ISSN: 0974-6536	IUP
4	P S Gajjal, YadnikKud e	Design of Planetary Gear Train Geared Rotary Actuator	2021	IOP: Material and Engineering	doi:10.1088/1757-899X/1170/1/012005	IOP Science
5	P S Gajjal	Paper on wind load estimation and truss optimization of parabolic dish antenna	2021	IJSER	2229-5518	
6.	Dr D Y Dhande,	Extraction of bioethanol from pomegranate fruits as a potential feedstock and its blending effects on a performance of a single cylinder SI engine	2021	Renewable and Sustainable Energy Reviews	ISSN : 13640321	Elsevier BV
7.	Dr D Y Dhande	Experimental Investigation of Spark Ignition Engine	2021	Journal of The	Print ISSN	Springer

		Performance Fuelled with various Pomegranate Ethanol-Gasoline Mixtures		Institution of Engineers (India): Series C	:2250-0545 . Online ISSN:2250-0553	
8	Dr M.R.Phate Mr. Prateek Gaikwad, Shraddha Toney	Analysis of Seat to Head Transmissibility of the Seated Human Body using Artificial Neural Network	2021	Journal of The Institution of Engineers (India): Series C	Print ISSN :2250-0545 Online ISSN:2250-0553	Springer
9			2022			

Term Two						
S. No	Authors	Document Details	Year	Source Details	ISBN/ISSN	Publisher
1	Dinesh Y. Dhande, Chandrakishore S. Choudhari, Dwarkoba P. Gaikwad, Nazaruddin Sinaga & Kiran B. Dahe	Prediction of spark ignition engine performance with bioethanol-gasoline mixes using a multilayer perception model	2022	Vol 40, issue 2, 2022	Print (ISSN) 1091-6466 Online (ISSN) 1532-2459	Petroleum Science and technology, Taylor & Francis
2	Mangesh R Phate	Analysis of Seat to Head Transmissibility of the Seated Human	2022	Published	[2250-0545]	Springer. Institution of Engineers,

		Body using Artificial Neural Network				India Series C
3	Mangesh R Phate	Multi-response Optimization and Analysis of Al/B ₄ Cp MMC EDM using Grey Relational Analysis	2022	19(1) Jan 2022 PP: 39-55	[1823-5514]	Journal of mechanical Engineering
4	Mangesh R Phate	Evaluation of Human Seated Posture Exposes to Low Frequency Vibrations using Biodynamic Model. to the journal	2022	Accepted		Inderscience , International Journal of Vehicle Safety
5	P S Gajjal, G S Lathkar	Fault diagnosis in an optimized rolling bearing using an intelligent approach	2022	https://doi.org/10.1007/s00419-022-02134-0		Archive of Applied Mechanics
6	P S Gajjal S Y Gajjal	A Novel Tuned Antlion-Grey Relational Dry Sintered Bearing for Bore Application	2022	Accepted		Journal of the Brazilian Society of Mechanical Sciences and Engineering
7	P S Gajjal, YadnikKude	Mathematical Model of Planetary Gear Train for Geared Rotary Actuator	2022	Vol. 7 No. 4 April, 2022, Pp 619 – 624, ISSN:	International Journal of Mechanical Engineering,	International Journal of Mechanical Engineering

		International		0974-5823	Vol. 7 No. 4 April, 2022, Pp 619 – 624, ISSN: 0974-5823	
8	Bachchhav, B.D. and Kathamore, P.S.	Wear behavior of environment friendly trimethylolpropane trioleate-based lubricant", Industrial Lubrication and Tribology	2022	Published	https://doi.org/10.1108/ILT-12-2021-0469	Industrial Lubrication and Tribology, Vol. 74 No. 5,
9	Bachchhav, B.D. and Kathamore, P.S.	Tribological investigations of trimethylolpropane trioleate bio-based lubricants	2022	Published	https://doi.org/10.1108/ILT-05-2021-0157	<i>Industrial Lubrication and Tribology</i> , Vol. 73 No. 7, pp. 1074- 1083
10	AshishkumarG avande S.R.Patil	Manufacturing and Testing of an Infinitely Variable Transmission (IVT) Test Rig	2022	Vol.XV& Issue No.06	Print, ISSN 0970- 2555	<i>Industrial Engineering Journal</i>
11	M P Bauskar	Published Research Paper on “Design And Development of Ultrasonic Plastic Welding Machine”	2022	Published	ISSN2582- 7421	International Journal of Research Publication and Reviews
12	Dr D Y Dhande DR C S Choudhari DR D P	Development of Artificial Neural Network to predict the performance of Spark Ignition	2022	Informatio n Processing in	2214-3173	<i>Elseveir BV</i>

	Gaikwad	Engine fueled with waste pomegranate ethanol blends		Agriculture		
13	Dr D P Gaikwad Dr D Y Dhande	Video Summarization Using Deep Learning for Cricket Highlights Generation.	2022	Journal of Scientific Research, 14(2), 533–544.	2070-0237	
14	Dr S V Chaitanya Dr D Y Dhande	Complex assembly Analysis for Geometric and Dimensional Tolerance to obtain selective assembly from partitioned bins using a multi-objective approach to control clearance variation of IC Engine	2022	Journal of The Institution of Engineers (India): Series C	Print ISSN :2250-0545 Online ISSN:2250-0553	<i>Springer</i>
15	Dr D Y Dhande Dr C S Choudhari Dr D P Gaikwad	Evaluation of Emission Characteristics and Performance of Pomegranate Ethanol Blended S. I. Engine using Artificial Neural Network and Rule Learner Classifier	2022	Journal of The Institution of Engineers (India): Series A (2022)	Electronic ISSN 2250-2157 Print ISSN 2250-2149	<i>Springer</i>
16	N NGotkhindikar et.al	A Novel FDM Based Additive Manufacturing of PLA Components Using Optimized Deep Learning Strategy	2022	Published	2321-9653	International Journal for Research in Applied Science & Engineering Technology

17	Sourabh Hole, C S Choudhari	Design and development of hot air engine	2022	International Journal of advance research in science, communication and technology , Vol. 2, Issue 5, May 22 doi: 10.48175/IJARSCT-4125	ISSN: 2581-9429	IJARSCT
18	S.R.Patil, AshishkumarGavande	Manufacturing and Testing of an Infinitely Variable Transmission (IVT) Test Rig	2022	Industrial Engineering Journal Vol.XV Issue No.06	ISSN 0970-2555	Indian Institute of Industrial Engineering

4.6 BOOK / ARTICLE PUBLICATIONS

Term One				
Author	Title of the Book	Published by	ISBN	Year
P S Gajjal, S Y Gajjal, G S Lathkar	Investigations of wear behaviour of Journal Bearing Materials	LNME Springer	978-981-16-3135-1_15	2021

Term Two				
Author	Title of the Book	Published by	ISBN	Year

4.7 RESEARCH CITATIONS (Source of Data: Google scholar) (As on 30th May)

Name of faculty	Citations, h-index,	Name of faculty	Citations, h-index,
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	i10 index		i10 index
Dr B D Bachchhav	90,5,1		
Dr M R Phate	336,10,10		
Dr Mrs P S Gajjal	77,5,3		
Dr M S Deshmukh	13,2,0		
Dr A V Waghmare	168,3,2		
Dr D Y Dhande	183,6,5		
Dr S H Wankhade	7,1,0		
Dr C S Choudhari	132, 4, 1		
Dr S V Chaitanya	11,2,0		
Mr S R Patil	41,3,1		
Mr P V Deshmukh	10,2,0		
Dr C S Dharankar	30,3,1		
Dr S J Navale	32,2,1		
Mr P S Aglawe	2,1,0		
Dr M R Dahake	50, 3, 2		
Mr M P Bauskar	11,2,0		
Mr N NGotkhindikar	05,1,0		
Dr M M Sayyad	88, 3, 3		
Dr D S Malwad	71, 2, 2		
Mr Shahid Ali	35,2,1		

4.8 ME AWARDED

Sr No	Name of Supervisor	Title of Thesis	Name of Candidate
01	Dr Mangesh Phate	Design and Development Lower Limb Exoskeleton for Rehibition	Suyog B. Bhale
02	Dr B D Bachchhav	Tribological Behavior of Al6061-SiC Hybrid MMC	Viraj Prabhu
03	DR D Y Dhande	“Design and Development of Harmonic Gear Drive Using Additive Manufacturing”	Utkarsh Rathod
04			

4.9 PhD GUIDE DETAILS

Name of Faculty who are PhD Supervisor	Number of Scholars Registered
Dr S V Chaitanya	02
Dr D Y Dhande	03
Dr C S Choudhari	02

Dr A V Waghmare	02
Dr S H Wankhade	02
Dr C S Dharankar	02
Dr B D Bachchhav	02

4.10 PhD AWARDED (For departments having Ph.D research centers)

Sr No	Name of Supervisor	Title of Thesis	Name of Candidate

Few good photographs related to different activities organized under research, innovation	
Size of photo 5 cm x 7 cm with captions	

5.INTERACTION WITH INDUSTRY

5.1 INDUSTRY VISITS ORGANISED

Term One				
Sr. No.	Faculty Coordinator	Class and Number of students attended	Industry Name and Address	Date of visit
1	NIL Due to pandemic			

Term Two				
Sr. No.	Faculty Coordinator	Class and Number of students attended	Industry Name and Address	Date of visit
1	Dr M R Dahake Dr S J Navale Mr G P Lohar	SE M A SE M B SE M/S	Diesel Locomotive Shed Pune	24th, 25th and 26th March 2022
2	Dr M R Dahake	TE M B	Vertex Infracore Solutions Pune	04/05/20

	Mr G P Lolhar			22
3	Dr P S Gajjal Dr M R Dahake Mr M S swami	Electric Vehicle Honour Course Students	Pune Alternate Fuel Conclave	05/04/2022

5.2 EXPERT LECTURES / WEBINARS DELIVERED BY INDUSTRY EXPERTS

Term One					
Sr. No.	Faculty Coordinator	Class (Number of students attended)	Name, Industry, designation and contact details of Expert	Topic	Date
1	Dr B D Bachchhav	SE MS	Mr Yashwant Mahankal		
2	Dr Mrs P S Gajjal	109	Mr. Shrishant Patil PTC Softcell Pune	Digital solutions for real world mechanical engineering design challenges	25/12/2021
3	Dr S V Chaitanya	26	Mr Sagar Kenjale Asst Manager, Burckhardt Compression India Ltd. Pune	Excel for freshers	25/10/2021
4	Mrs A ATonde/ Mrs M P Shah	300	Mr. Apoorv Bapat CEO, Eleation Pune	Introduction to CREO and ANSYS	07/09/2021
5	Dr D S Malwad	150	Mr. Suraj Ghante technical Lead, TTL Pune	Role of CAD in Design of Automotive	19/11/2021

				Systems	

Term Two					
Sr. No.	Faculty Coordinator	Class (Number of students attended)	Name, Industry, designation and contact details of Expert	Topic	Date
1	Dr B D Bachchhav	SE MS (56)	Principal Consultant Institute of Systems Pune	Lean manufacturing and quality systems	04/04/2022
2	Dr Mrs P S Gajjal	98	Dr Rakesh Himte Motivational Speaker Nagpur	Presentation Skills and Motivational Thoughts	17/3/22
3	Dr D Y Dhande	55	Mr Ravi Patil Sr Manager (CAE & Validation), SMRC India Pvt LTD, Pune	Injection moulding of Plastics	28/05/2022
4	Dr C S Choudhari	65	Mr Kiran Nawathe Project Leader, Engineering Cluster Pune	Design Thinking and value Engineering	12/05/2022

5.3 INDUSTRY – SPONSORED PROJECTS (UG/PG) ((Excluding Sandwich Projects)

Sr. No.	Name of Project guide	Title of Industry Sponsored Project	Name of Sponsoring Industry
1	Dr M. M. Sayyad	New Safety ideas for Overhead Crane	Konecranes
2	Dr M. M. Sayyad	EOT Cranes in 2030	Konecranes

3	Dr C S Choudhari	“Analytically Design of Hot Air Engine and manufacturing of Components and assembly”	Engineering Cluster, Pune
4	Dr M. M. Sayyad	Optimizing the Crane parts design –Using Generative design Methodology	Konecranes
5	Mr M P Bauskar	Design and Development of Ultrasonic welding Machine for Joining Thermoplastics	SanitekPlasto Weld Pvt Ltd
6	N NGotkhindikar	Design and optimized new bins & large containers for waste collection	TCS
7	DrS.R.Patil	Machining Cycle Time Optimization of CNC-Regulator Body	Yawalkar Industries, Pune
8	Dr S.J.Navale	Analysis of hydro jet pump used in Propulsion System of Combat Vehicle	VRDE,Ahmednagar
9	M.S.Swami	Design, Modelling and Analysis of Airboat	DRDO
10	Dr M.R.Phate	Design and fabrication of an automated conveyor system and actuator system through cloud	Manisha Industries
11	S.S.Patil	Ground variator pulley vibration at high RPM	New Holland
12	S.T.Gadhe	Optimization of turning parameters of AISI – 1016 using TAGUCHI method	SAMVINSAN ENGINEERING Pvt Ltd

5.4 MOU SIGNED WITH INDUSTRY

Term One				
Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto

01	Dr C S Choudhari, Dr A V Waghmare	Vimal Nourishment Technologies Pvt. Ltd. Pune	04/08/2021	04/08/2024
02	Dr A V Waghmare	Ameya Industries Pune	31/08/2021	Till it is discontinued by both parties.

Term Two

Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto (dd/mm/yyyy)
1	Dr B. D. Bachhav Dr C. S. Chaudhari Dr P. S. Gajjal	Setco Spindles India (Pvt) Ltd Pune	18/02/2022	17/02/2025
2	Dr B. D. Bachhav	Stead Solve Design and Manufacturing Solutions LLP Pune	23/02/2022	22/02/2025
3	Dr S H Wankhade	UB Cryogenic Solutions LLP, Pune	04/03/2022	03/03/2025
4	Dr B. D. Bachchhav	Institute of Systems Pune.	04/04/2022	03/04/2025
5	Dr B. D Bachchhav Dr S V Chaitanya	SSIG Manufacturing Advancements Pvt Ltd. Pune	27/04/2022	26/04/2025
6	Mr M S Swami	Pranita Engineering Works Ltd Pune	08/03/2022	07/03/2023

TOTAL FUNCTIONAL / LIVE MOU INITIATED BY THE DEPARTMENT

Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto
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				(dd/mm/yyyy)
01	Dr C S Choudhari, Dr A V Waghmare	Vimal Nourishment Technologies Pvt. Ltd. Pune	04/08/2021	04/08/2024
02	Dr A V Waghmare	Ameya Industries Pune	31/08/2021	Till it is discontinued by both parties.
03	Dr B. D. Bachhav Dr C. S. Chaudhari Dr P. S. Gajjal	Setco Spindles India (Pvt) Ltd Pune	18/02/2022	17/02/2025
04	Dr B. D. Bachhav	Stead Solve Design and Manufacturing Solutions LLP Pune	23/02/2022	22/02/2025
05	Dr S H Wankhade	UB Cryogenic Solutions LLP, Pune	04/03/2022	03/03/2025
06	Dr B. D. Bachchhav	Institute of Systems Pune.	04/04/2022	03/04/2025
07	Dr B. D Bachchhav Dr S V Chaitanya	SSIG Manufacturing Advancements Pvt Ltd. Pune	27/04/2022	26/04/2025
08	Mr M S Swami	Pranita Engineering Works Ltd Pune	08/03/2022	07/03/2023
09	Dr D Y Dhande	University of Therengganu Malaysia	01/07/2021	30/06/2023
10	Mr. M S Swami	Firodiya& Naik Consulting GBR, Berlin Germany	05/01/2021	04/01/2022
11	Dr S V Chaitanya	SeinumeroNirman Pvt Ltd Pune	01/01/2021	31/12/2023
12	Mr. M P Bauskar	Mettchnik Pvt Ltd Pune	31/12/2019	31/12/2020
13	Mr P S Aglawe	eAddict Mobility Solutions Pvt Ltd Pune	21/08/2017	20/08/2022

14	Dr S V Chaitanya	Vishwadeep Enterprises	13/07/2017	12/07/2022
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5.5 FACULTY MEMBERS UNDERGONE INDUSTRIAL TRAINING

Term One			
Sr. No.	Name of Faculty	Name of Industry	Dates and Duration
01	Dr C S Choudhari	Vimal Nourishment Technologies Pvt. Ltd. Pune	Two Weeks (14/07/2021 to 27/07/2021)
02	Dr A V Waghmare	Vimal Nourishment Technologies Pvt. Ltd. Pune	Two Weeks (14/07/2021 to 27/07/2021)

Term Two			
Sr. No.	Name of Faculty	Name of Industry	Dates and Duration

5.6 STUDENTS UNDERGONE IN-PLANT TRAINING AND (OR) INTERNSHIP PROGRAMME (Excluding Sandwich Training)

Sr. No.	Name of Student	Name of Industry	Class	Start Date	End Date	Duration (No. of Days)
1	Aniruddha Kulkarni	CricStox Pvt Ltd	TE A	24/12/2021	31/01/2022	48
2	Aniket Rajendra Kadam	Simira Healthcare Private Limited	TE A	01/01/2022	31/01/2022	31

3	RutujaKank	Rieter India Private Limited	TE A	05/01/2022	05/02/2022	30
4	Vedant Chavan	Wipro PARI	TE A	03/01/2022	04/02/2022	31
5	Sayali Santosh Koli	Shri Jagadamba Engineering Works Karad.	TE B	20/12/2021	20/1/2022	30
6	Darshan Dayanand Gawas	Fabchair	TE A	15/12/2021	30/01/2022	45
7	Shivam Nitin Deshmukh	Shree Motors (Maruti Suzuki Arena)	TE A	11/1/2022	11/2/2022	28
8	Om Bayas	SAJ Test Plant.	TE A	15/12/2021	13/01/2022	30
9	Balraj Waghmare	ARAI CHAKAN	TE A	27/12/2021	27/01/2022	31
10	Rutuja Jadhav	ARAI, Chakan	TE A	27/12/21	27/01/22	31
11	Shubham sahebraoborade	Shaurya motors pvt .Ltdnashik	TE A	1/1/2022	31/1/2022	30
12	Nitesh umeshpampatiwar	Sai auto (Toyota pro service)	TE B	3/1/2022	4/2/2022	31
13	Vijay DattatrayaTa	Shree Ramkrishna dies and	TE B	24/12/21	24/1/22	30

	kmoge	tooling				
14	RAHUL MURLIDHAR KOKANE	Ammunition factory khadki, Pune	TE A	10/01/ 2022	09/02 /2022	30
15	VedantAher	Brose India Pvt Ltd	TE A	13/12/ 2021	28/01 /2022	46
16	GANESH KHANDALKAR	YBI FOUNDATI ON	TE A	03/01/ 2022	28/02 /2022	56
17	Omkar Bamble	Ammunition Factory khadki	TE A	10- 01- 2022	9-02- 2022	30
18	Rohan Chaure	High-Way Automobiles Tata motors authorised service station	TE A	09/01/ 2022	05/02 /2022	28
19	Mane Sangram Bhau	Meritech	TE B	27/12/ 2021	24/01 /2022	29
20	Ranade Saket Ramchandra	DYEGLO PVT. LTD.	TE B	16/12/ 2021	16/01 /2022	32
21	Shree RajaramKhop ade	Nilesh Fabricators	TE A	01/01/ 2022 1st Janua ry 2022	31/01 /2022 31st Janua ry 2022	31

22	Nikhil Santosh Bunde	Nikhil Santosh Bunde	TE A	03/01/2022	05/02/2022	33
23	Pratik Kailas Mahajan	MARUTI SUZUKI ARENA (Manraj Motors Pvt. Ltd. Jalgaon)	TE B	13/01/2022	12/02/2022	31
24	SHAMBHU RAJ YASHVANT CHAVAN	TRISHUL SERVICE STATION PVT LTD	TE A	26/12/2021	31/01/2022	37
25	RANE MOHIT UMESH	OM ENGINEERING WORKS	TE B	01/01/2022	31/01/2022	31
26	Neha Jitendra Kuchekar	Manufacturing industry	TE A	05/01/2022	05/02/2022	30
27	Parag Rajendra Dhamne	Snehal Industries, Nashik	TE A	31/12/2021	31/01/2022	30
28	Pratik Khagesh Jadhav	Kiran Engineering Works	TE A	17/12/2021	23/01/2022	38
29	PalangeSejal Devraj	Avi Enterprises	TE B	13/01/22	14/02/22	33
30	Prachi BabanPandhare	PUSALKAR SU-RAK-SHA COMPONENTS PRIVATE LIMITED	TE B	02/02/2022	07/03/2022	35

31	Ameya Gandhi	Apex Imprints	TE A	27/12/2021	25/01/2022	30
32	MANE VRUNDA PARMESH WAR	Shri Ramkrishna Dies and Tooling	TE B	24/12/2021	24/01/2022	30
33	KSHITIJ MODHE	NSK FABS AND WELDS	TE A	22-12-2021	23-01-2022	28
34	RawoolSanyogita Sandeep	Mapsons India Private Limited	TE B	24/12/2021	22/01/2022	30
35	Aashish Shashikant Mahale	Hexagon Nutrition Limited	TE B	4/1/2022	4/2/2022	31
36	Gourav Sharma	Shivpratap Engineering Works	TE A	30/01/22	28/02/22	30
37	Rohit Vijay Honwadajkar	VARSHA FORGINGS LIMITED	TE A	24/01/2022	28/02/2022	36
38	Joshi Dnyanesh Vilas	Wingstair Elevators Pvt.Ltd, Pune	TE A	25th December 2021	25th January 2022	30
39	Patil SarveshDinkar	SHREE MOTORS	TE B	03/01/2022	03/02/2022	30
40	Sanskarsunilfursule	Ridewell Motors Nanded	TE A	03/02/2022	03/03/2022	30

41	Durgesh Rajendra Nankar	KSB Ltd., Pimpri.	TE B	10/01/2022	09/02/2022	31
42	Gaurav Singh	Pratyin infotech consulting Pvt. Ltd.	TE B	31/12/2021	31/01/2022	31
43	Omkar PralhadLandge	SEVA ENGINEERING WORKS PVT LTD	TE B	03/01/2022	02/02/2022	30
44	LAKSHMI BAKSHI	512 ARMY BASE WORKSHOP	TE A	5 JAN 2022	12 FEB 2022	24
45	Siddharth Shitole	pakshimitra poultry technologies	TE B	23-12-2021	03-02-2022	43
46	Pathan Aman Mainoddin	Shriram automobile,sangola	TE B	31/12/2021	31/01/2022	31
47	Sharvil Sanjay Suradkar	Padmavati Industries Pvt Ltd	TE B	27/12/2021	22/01/2022	28
48	Yash Sanjay Gulhane	Shri Gurukrupa Enterprise (Mundada Fastener)	TE A	24/12/2021	23/01/2022	31
49	Ranjit BabanKharat	Eleation Institute Pune	TE A	15/12/2021	29/01/2022	45
50	Siddiqui FaizanBabaru	RS Engineering Industries	TE B	03/01/2022	04/02/2022	30

	ddin Siddiqui					
51	LANDAGE SHUBHAM PANDURAN G	RIETER INDIA PVT. LTD.	TE A	05/01/2022	05/02/2022	32
52	Dhobe Manthan Bhausaheb	High-Way Automobile (Tata Authorised Service Center)	TE A	09/01/2022	09/02/2022	30
53	Dighe Harshad Laxman	Oriental Machine care	TE A	03-01-2022	28--01-2-2022	25
54	Tanvi Gavhane	Kohler power India private limited	TE A	10/01/2022	10/02/2022	32
55	Urjit Mehta	Meritech.Pvt. Ltd	TE B	27/12/2021	24/1/2022	30
56	Raj Ramdas Nishandat	Salasar Mahindra Autocraftpvt. ltd	TE B	01/01/2022	31/01/2022	31
57	SunayanaKhandu Mohite	Pusalkar SU-RAK-SHA components pvt.ltd	TE B	03/01/2022	03/02/2022	32
58	TAKSAL PRITAM KAILAS	Shilpi Engineering PVT, LTD,Nagothane, Raigad.	TE B	16/12/2021	31/01/2022	45

59	Soham Raghunath Ingale	Ultra Marc Industries	TE A	20/12/ 2021	22/01 /2022	27
60	Rohit Sobale	Yash Plastic and Engineering Works	TE B	27/12/ 2021	30/01 /2022	25
61	Kundan shankarghorp ade	Garawarefulfl exindiapvt ltd	TE A	05/02/ 2022	05/03 /2022	28
62	AshwathiMa niyath	Ameya industries	TE B	15/12/ 2021	31/01 /2022	45
63	Sahil Nisar Jahagirdar	Mahabal Metals PVT.LTD	TE A	28/12/ 2021	28/01 /2022	31
64	Kokare Guruprasad Dattaram	Durga Fibres	TE A	05/01/ 2022	06/02 /2022	33
65	VedantRame shrao Godbole	Endurance Technology Pvt. Ltd.	TE A	07/01/ 2022	05/02 /2022	28
66	Rajwardhanw agh	PRMOLC INDUSTRIE S	TE B	17/1/2 022	15/2/ 2022	28
67	Sandesh Rajaram Deshmukh	Sandesh Fabricators And Glass Centre	TE A	01/01/ 2022	31/01 /2022	31
68	Atharva Prashant Deokar	TRISHUL SERVICE STATION PVT. LTD.	TE A	26/12/ 2021	31/01 /2022	31

69	Nikhil Durgam	ELEATION	TE A	24/12/2021	24/1/2022	31
70	Prajwal Rathod	Leanpro Manufacturing	TE B	12/01/2022	12/02/2022	30
71	NITESH VERMA	MARUTI SUZUKI JAMKASH VECHICLEA DES PVT LTD	TE B	17 Jan 2022	17 Feb 2022	23
72	Akash Didbhai	Trisons Engineering	TE A	01/01/2022	31/01/2022	31
73	Atharva Shankar Thube	ALFA LAVAL INDIA PRIVATE LIMITED	TE A	03-01-2022	02-02-2022	30
74	Siddhant Warule	Sandesh fabrications and glass centre	TE B	15/12/2021	15/01/2022	30
75	Sumit Ramesh Shirtode	Tube products of India, Shirwal	TE B	01/01/22	31/01/22	28
76	DHIRAJ RAJESH SHINDE	ARKA ENGINEERING WORKS	TE B	27/12/2021	31/01/2022	36
77	NAWDE YOGESH DINESH	Kirloskar Pneumatic Co. Limited	TE B	15/12/2021	31/01/2022	45

78	TanishqBade gar	InfinityX Tech Systems pvt Ltd	TE A	14/01/ 2022	14/02 /2022	30
79	SAMARJEE T AHERRAO	ORACLE PRESSCOM PS AND ENGINEERI NG PVT. LTD. SATARA	TE A	19/12/ 2021	20/01 /2022	30
80	Sahil Sunil Mate	Alpha Dies & Pattern (I) Pvt.Ltd	TE B	05/01/ 2022	05/02 /2022	26
81	Sourav ParimalBhow mick	Dhananjay Bendre Foods and Beverages PVT. LTD	TE A	02/01/ 2022	31/01 /2022	30
82	Sanyogini Sanjay Mohite	Vanaz Engineers Limited	TE B	01/01/ 2022	30/01 /2022	30
83	Raju Ganpati Mali	KSB limited Pune	TE B	10/01/ 2022	09/02 /2022	31
84	AtharvShrira ng Jadhav	KAIVALYA ELECTRICA LS PVT. LTD.	TE A	05/01/ 2022	05/02 /2022	30
85	Avanti Narendra Waghmare	Kartik Industries	TE B	01/01/ 2022	31/01 /2022	31
86	Atharva pravinpakhod e	Spirotech heat exchangers pvt. Ltd	TE B	27/12/ 2021	23/01 /2022	29

87	Sreyesh Chandrashekar Dharne	Shree Ganesh Engineering Works	TE B	14th Jan 2022	14th Feb 2022	28
88	Abhishek Manjarekar	Thermo Touch	TE B	30/12/2021	31/01/2022	33
89	Kamble Girish Jagannath	Proton Metalcrafts Pvt. Ltd.	TE A	27/12/2021	30/01/2022	29
90	SharangPurwant	Global Corporate Council India	TE B	02/01/2022	31/01/2022	30
91	Divya Mahendra Dhamal	Bhavani Industries	TE A	31/12/2021	31/01/2022	30
92	ParthJivaraj Khedekar	512,Army base workshop Kirkee	TE A	05/01/2022	06/02/2022	24
93	Utkarsh Anil Ekatpure	S.K. Engineers	TE A	15/12/2021	28/01/2022	45
94	Paithankar Jyoti Prasad	Shree Ramkrishna Dies And Tooling	TE B	24/12/2021	24/01/2022	30
95	Tanaya Jagtap	ALFA LAVAL, DAPODI	TE A	28/12/2021	28/01/2022	31
96	Yash Bendre	Pioneer Pvt Ltd	TE A	02/01/2022	31/01/2022	30

97	VIKKY MUKUND KALE	Shiv enterprises	TE B	01/01/ 2022	30/01 /2022	30
98	Waghole Nikita Vitthal	ELEATION	TE B	24/12/ 2021	31/1/ 2022	30
99	WADJE VILAS HARI	PADMAVAT I INDUSTRIE S	TE B	27/12/ 2021	22/01 /2022	28
100	Atish MachindraSa ste	Padmavati Industries,Dh ayari	TE B	27/12/ 2021	22/01 /2022	24
101	ANIKET RAMESH AMBULE	ALKYL AMIENS	TE A	07/01 2020	05/02 /2020	25
102	Vaishnavi Shailesh Shisode	ELEATION	TE B	24/12/ 2021	24/01 /2022	32
103	Madhura Gulavani	Technovision Auto components pvt ltd	TE A	24/12/ 2021	23/01 /2022	31
104	Suvidha Sanjay Bhosale	Sharvpolyplas tpvt ltd.	TE A	09/01/ 2022	10/02 /2022	30
105	LalikarTejas Tukaram	Shivraj Heavy Engineering pvt. Ltd. Dehu- Yelwadi Road, YelwadiTq:k hed,	TE A	01/01/ 2022	31/01 /2022	31

		Dist:pune				
106	Harshal Anil Gaikwad	Patri Engineers	TE A	31/12/2021	31/01/2022	31
107	Saurabh Maskade	RM ENGINEERING AND CONSULTANCY	TE B	24/12/2021	23/01/2022	30
108	Srushti Sunil Shinde	Yash Plastic & Engineering Works	TE B	27/12/2021	27/01/2022	32
109	Vishvajeet Vivek Ghatage	MSL Driveline System Limited	TE A	17/12/2021	18/01/2022	33
110	HerambSiddheshwarKhandve	512 Army Base Workshop, Kirkee, Pune 03	TE A	05/01/2022	05/02/2022	24
111	Rohan Mane	Resonance Racing	TE B	10/01/2022	10/02/2022	30
112	Sahil Mangesh Pawar	TEJASWI ENGINEERING WORKS	TE B	03/01/202w	02/02/2022	30
113	Khagesh Sanjay Patil	MASTERLINE LUBRICANTS PVT LTD	TE B	08/12/2021	07/01/2022	30

114	jaswantsingh patil	Jain pipes systems	TE B	1/01/2022	31/01/2022	30
115	Aryan Rahul Deshpande	InypcoMacm old Industries	TE A	1.1.22	31.1.22	31
116	Suyash Satish Pawar	Innovative Automation Products	TE B	24/12/2021	23/01/2022	31
117	Vinaya Arun Gholap	Force Motors, Akurdi	TE A	04-01-2022	03-03-2022	59
118	Swapnil Tole	Team Garudashwa, AISSMS CoE	TE B	16/12/2022	31/01/2022	45
119	DESHMUKH RAJESHWARI SATISHRAO	SANGAMNER TALUKA SAHAKARI DUDH SAHGH LTD(RAJHANSE MILK)	TE A	15/02/2022	15/03/2022	30
120	Sakshi Vijay Jagdhane	Rieter India pvt Ltd	TE A	05-01-2022	05-02-2022	30
121	Aniket Ramdas Londhe	Rathod metal rolling mill	TE A	27/12/2021	27/01/2022	28
122	Akshata Sachin Patil	Team Garudashwa, AISSMS COE	TE B	16/12/21	31/01/22	45
123	Nikita anil bhamare	Om engineering	TE A	8/1/2022	8/2/2022	30

		nashik				
124	Shruti Puntambekar	AISSMSCOE , Team Garudashwa	TE B	16/12/21	31/1/22	45
125	BHOSALE OMKAR SANJEEV	APEX IMPRINTS , MIDC BHOSARI	TE A	27/12/2021	25/01/2022	30
126	Neeraj Shashikant Maddel	Yash Automobiles (Yash Honda)	TE B	14/01/2022	14/02/2022	25
127	Sagar NavnathGhalme	PROTO-D ENGINEERING PVT LTD CHAKAN	TE A	01/02/2022	05/03/2022	31
128	Ghadge JalindarRadhakisan	PROTO-D,PVT ENGINEERING LTD,CHAKAN	TE A	1/2/2022	5/3/2022	33

Term Two						
Sr. No.	Name of the Student	Name of the Industry	Class	Training duration		
				Start date	Last date	Duration (days)
01						
02						

5.7 LIST OF INDUSTRIES SUPPORTED IN THE ORGANIZATION OF WORKSHOPS/SEMINARS/WEBINARS/CONFERENCES/COURSES AND ANY OTHER CONTRIBUTION OF INDUSTRY

Term One			
Sr. No.	Faculty Coordinators	Industry Representative and Name of Industry	Nature of Contribution
01	Dr C S Choudhari	Mr Kiran nawathe, Engineering Cluster Pune	Expert talk, Contribution in curriculum development, sponsored one UG project
02	Dr D Y Dhande	Mr. Pravin Dhole, KNorrBremse Technological Centre, Hinjewadi	TE Mech SW training, Placements, Expert talks, FDP

Term Two			
Sr. No.	Faculty Coordinators	Industry Representative and Name of Industry	Nature of Contribution
01	DR D Y Dhande DR C S Dharankar Mr. M S Swami	Mr. Pravin Sawant Mr. RahjeshNehete KoneCranes India Pvt Ltd	Consultancy Project work
02	DR D Y Dhande DR C S Dharankar	Mr Padwal, Om Engineering Pvt Ltd, Katraj	Development of bearing life test setup

5.8 TRAINING TO INDUSTRY PERSONNEL/ ACTIVITY SUPPORTING TO INDUSTRY

Term One			
Sr. No.	Faculty Coordinator	Technical Area in which Training Provided / Type of Support	Industry Name

Term Two			
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Sr. No.	Faculty Coordinator	Technical Area in which Training Provided / Type of Support	Industry Name

5.9 ANY OTHER ACTIVITIES TO PROMOTE INTERACTION WITH INDUSTRY

Term One			
Sr. No.	Faculty coordinator	Name of Activity	Remark

Term Two			
Sr. No.	Faculty coordinator	Name of Activity	Remark

5.10 STUDENTS UNDERGONE SANDWICH TRAINING (For Mechanical departments)

Term One BE Mechanical sw					
Sr No	Name of student	Industry	Sr No	Name of student	Industry
1	AGAWANE KUNAL RAJENDRA	TATA MOTORS (PVBU)	42	KHAN SHAHID NASEEM	Yantra Winone Product Technologies
2	ALHAT OMKAR BHANUDAS	Sandvik Mining and Rock Technology, Pune	43	KHANDAGALE HARSHAD SHIVAJI	Suhas Enterprises
3	ANMOL KITCHLOO	Tata Motors	44	KHANDELWAL	Knorr-

	(J & K)	(PVBU)		SURAJ NANDKISHOR	bremse technology center India pvt.ltd.
4	ANUJ SUNIL MISAR	Tata Motors ERC, Pune	45	KHEDKAR SUDARSHAN RAJENDRA	Burckhardt Compressi on Pvt Ltd
5	BARKE AKANSHA SANDIP	Bharat Forge Ltd	46	KHOT PRANAV SUDIP (TFWS)	
6	BENDALE RAGINI KAILAS	Mettechnik	47	LAVHE RACHNA BAPURAO	S. S. Heavy Equipment s. Pvt. Ltd
7	BHALERAO PRIYANKA ANIL	Siddhi Vinayak Engineering	48	LODH VIHANG UDAY	WinOne product technologi es pvt. Ltd.
8	BHAMBAL MONALISA ALEX	Transfilter Services	49	LONDHE NEHA SATISH	siddhakala Engineers
9	BHASME RUSHIKESH SANJAY	FarmkingAgro Industry	50	MOGHE ATHRVA SHASHANK	Wika Instrument s India Pvt. Ltd.
10	BHATI PRATIK VASANT	PMG POLYMERS	51	MOHITE VAISHNAVI VIJAY	Alfa Laval limited India
11	BHOSALE MAYUR KISAN	Burckhardt Compression (India) Pvt. Ltd	52	MOMIN UROOJ AHMED ANSARI ASHFAQUE AHMED	Knorr Bremse TCI
12	BHUTEKAR MAHESH GANESH	Kranti Industries Ltd. Pune	53	MORE SIDDHANT KAKASAHEB	Suhas Enterprises
13	BODHE ATHARVA RHISHIKESH	Knorr-Bremse TCI	54	MRUGENDRA MATEKAR	Thermotec h systems limited
14	BOGAWAT CHIRAG TUSHAR	Sarita Industry	55	MUSAI SARVESH SANJAY	Knorr Bremse TCI
15	BOGAWAT KARAN	Sarita Industry	56	NAGARALE	SuntechLa

	ATUL (TFWS)			ASHUTOSH RAJENDRA	ndriani Machine Tools
16	BORSE SIDDHESH MAHENDRA	Tata Motors Limited	57	NANAWARE NEEMESH MAHESH	Tara Tools
17	CHANDAN PRAMOD YADAV	R & DE(E)	58	NIKAM RUSHIKESH BABASAHEB	Fouress Engineerin g India Pvt Ltd
18	CHAUDHARI NEHA MANOHAR	Knorr-Bremse TCI	59	NIRANJAN NITIN POLEKAR	Nikhtish Engineerin g Pvt. Ltd.
19	CHAUDHARI YASH DINESH	TATA Motors PVBU	60	PAHADE YASH RAHUL	Namo Industries
20	DABHADE SHUBHAM ULHAS	Uno Minda	61	PANCHAL PREET SANJAY	J.K. Hydraulics
21	DABHOLKAR ANIRUDDH RAJENDRA	WinOne Product Technologies pvt. ltd	62	PANPATIL SUMEDH BAPURAO	SuntechLa ndriani Machine Tools
22	DESAI VISHVAJEET LALASAHEB	Sanmati Components Pvt Ltd	63	PARAKH RASIK AJAY	Sarita Industry
23	DESHMUKH CHAITANYA GOVINDRAO	Ubique Systems Pvt Ltd	64	PATIL ROHIT VIJAY	Vimalsoni csPvt.ltd
24	GAIKWAD ASHUTOSH YESHWANT	Sandvik Mining and Rock Technology	65	PAWAR ARYADIT ANIL	Patil Automobil es
25	GAIKWAD HARSHAL ARVIND	Sandvik Mining and Rock Technology	66	RATHOD GAURAV PRAKASH	Jhurbi metrology and consultants
26	GAIKWAD SHUBHAM BHARAT	virtual simutechPvt.ltd.	67	RAUL POOSHAN VIJAY	Attaquant Enterprises Pvt Ltd.
27	GAURAV JOSHI	Tata Motors, Pune	68	SANDHIYA ANBAZHAGAN	Precision Pressing Manufactu

					riers
28	GAWADE MAITHILI SHASHIKANT	Knorr-Bremse TCI	69	SAWANT SAIRAJ MANGESH	Suhas enterprises
29	GAWADE PRADHYUMN PRASHANT	Autodisir Performance	70	SHINDE KAUSTUBH RAJESH	KION INDIA Pvt Ltd
30	GHANWAT TEJAS BALASAHEB	TATA MOTORS PUNE (PVBU)	71	SHRIVAS NAYAN UDAY	Neel Metal Products ltd
31	GITE SANJANA SANJAY	Mettechnik	72	SURYAWANSHI DEVENDRA SHARAD	KNORR- BREMSE Systems for Commerci al vehicles india
32	GOSAVI VISHAL VIJAY	M.G. Industries	73	TANTAK SAKSHI RAJESH	Precision Pressing Manufactu rers
33	GURRAM SHUBHAM SHRINIVAS	Nemade Engineers Pvt Ltd	74	TAWARE PRATHAMESH MOHAN	mayuresh enterprises
34	HAWALDAR SIDDHARTH SUNIL	HOG ENGINEERING PVT LTD	75	UGALE VAISHNAVI SANTOSH	WaradePac kTech Private Limited
35	HIEMATH VIVEK VIJAYMAHANTESH	TCL	76	VANBHANE TEJAS BALU	WillPro Technologi es
36	JIWADE ANIKET CHANDRAKANT	FORCE MTU ROLLS ROYCE	77	VARUN PRAMOD MORE	TATA motors (PVBU)
37	JUTLA GANESH PUNDLIK	nemade engineers Pvt Ltd	78	WAJE SOHAM MUKUND	Stella industries
38	KABADE GAURAV GHANSHYAM		79	ZENDE VIDITA VIJAY	Emerson Automatio n Solutions
39	KAMANI DARSHAK VINOD	castal dies and tools			

40	KAMBLE KIRAN DATTA	Yantra Winone Product Technologies			
41	KHAIRNAR HARSHKUMAR ISHWAR	Sandvik Mining and Rock Technology, Pune			

Term Two					
Sr No	Name of student	Industry	Sr No	Name of student	Industry
		TE MECH SW TERM II			
1	KULKARNI SHRUNGAL SURENDRA	Mahindra CIE	42	AMBLE SANKET SACHIN	TATA Motors Limited
2	SHENDGE ABHISHEK BALASAHEB	IGW India technologies Pvt ltd	43	THUSE VARAD AMOD	Atlas Copco (India) Ltd.
3	JADIYE HITESH HARISH	Mahindra CIE Chakan	44	GUJAR PARSHWAL PRASHANT	Mahle Anand Thermal Systems
4	ARPIT SIMON ZILKAR	Western Coalfield ltd	45	DAHAGAONKAR ABHIJIT BHIMRAO	Burckhardt compression INDIA Pvt.ltd
5	TAYADE ANKIT SANTOSH	Manas Automotive system.LTD	46	KHAROSEKAR PRANAV PRASHANT (EWS)	Burckhardt compression INDIA Pvt.ltd
6	GAWALI SANKET UMAKANT	GESTAMP AUTOMOTIVE INDIA PVT LTD.	47	PILLAY YUVRAJ VIJAY	The kothari wheels
7	BHANGALE AMULYA RAJENDRA	Hitachi Astemo Brake Systems India Private Limited.	48	PRAJAPATI GIRISH LAXMAN	The kothari wheels
8	KHARADE YASH UTTAM	Setco Spindles India pvt. limited	49	AHER ADINATH SUBHASH	Burckhardt compressio n INDIA

					Pvt.ltd.
9	SHELAR SNEHA RAMCHANDRA	Stead Solve	50	SHINDE PRASAD CHANDRAKANT	Pioneer Technology and Product Developme nt Center
10	SHAIKH RAMEEZ ABDULRAUF (EWS)	Stead solve	51	PARATANE HEMANSHU LALCHAND	Perfect engineer's
11	JADHAV DNYANESHWAR MAHARUDRA	manas automotive pvt LTD	52	ATHARVA CHANDRAKANT KHAIRE	GKN Driveline (India) LTD
12	ANANT VARSHNEY.	manas automotive pvt LTD	53	BHARANE ATHARVA RATIKANT	GKN Driveline (India) LTD
13	PAWAR VISHWAJIT JANBA (EWS)	Manas Automotive Pvt Ltd	54	DEDE GANESH SADASHIV	GKN Driveline (India) LTD
14	HOLE AKSHAT NANDU	Tata Motors Limited	55	UPADHYE MRUNAL SHEETAL	Kalyani Powertrain Limited
15	ROTE SUSHANT YUVARAJ	TATA Motors Limited	56	PAWAR ANIRUDDHA JITENDRA	Devise Electronics
16	THORAT PRATHAMESH SATISH	TATA Motors Limited	57	SHINDE AKANKSHA DHARMRAJ (EWS)	Hodeck Engine PtvLtd(A. K engineers)
17	KARANDE ATHARAV ABHIJEET	Tata Motors Limited, Pune	58	CHAUDHARI JAYESH SANJAY	IAC Internationa l Automotive India Pvt Ltd
18	KAWADE PRITESH RAJENDRA	Tata Motors Limited, Pune	59	KHALATE KARAN MANOJ	Mubea Automotive India Private Ltd
19	PATIL NIKHIL ABHAY	bhagyalaxmienterpri sees,pune	60	PATIL SAURABH SARJERAO	Shriram Foundry

					Pvt.Ltd.
20	PAWAR AMISHA RAJKUMAR	Ravi industries	61	GAIKWAD ROHIT RAHUL	Precision Pressing Manufactur ers
21	BHADANE JAGRUT RAVINDRA	Knorr-Bremse TCI	62	SHAIKH ADIL ANWAR	Precision Pressing Manufactur ers
22	CHAVAN ABHISHEK SANTOSH	Knorr-Bremse TCI	63	LUNGARE TEJAS SIDDHESHWAR	R.K. ENTERPRI SES
23	JADHAV SIDDHID SUHAS	Knorr-Bremse TCI	64	NAIR VISHNU HARIDAS	BHARAT FORGE LTD
24	MAHAJAN ADWAIT HIMANSHU	Knorr-Bremse TCI	65	TADWALKAR SHIVAM SUBHASH (TFWS)	FligenSyste ns Pvt Ltd
25	WAGH DIGVIJAY SUDAMRAO	Knorr-Bremse TCI	66	JAIN MOHIT RAJESH	Raj Fasteners
26	KOLATE ROSHAN SUNIL	Knorr-Bremse CVS	67	YADAV SAURABH RAKESH	Sagar Defence Engineering
27	MAGAR HIMANSHU DINESH	Knorr-Bremse TCI	68	PAWLE ABDULLAH SAAD (EWS)	Samarth Aircon Pvt Ltd
28	BHOLE ANURAG AJAY	Manas Automotive Systems.LTD	69	TALWALKAR SHRAVAN BHOOSHAN	Mahindra CIE Automotive Pvt Ltd
29	HELWADE ISHAAN ANIRUDDHA	MARS Packaging Private Limited	70	MAHAVARKAR PRATHAMESH DHANANJAY	Wartsila India Pvt. Ltd.
30	SAROWARE PRATHAM RAVIKANT	Nikash CNC Engineers Pvt. Ltd.	71	PATIL ANIL PANKAJ	Mahabal Metals Pvt Ltd
31	SURWASE PRASHANT VAIJNATH (EWS)	CpcPrecipart Pvt Ltd	72	POKALE RUJAL MANISH	Nikhtish Engineering Pvt. Ltd

32	TELPANDE SARTHAK NITIN	CpcPrecipart Pvt Ltd	73	KARANDIKAR SHREYA SHAILESH	PJ valves MFG. PVT.LTD
33	BHOITE SANJEEWANI SANJAY	ELIXIR INDUSTRIES UNIT - II	74	KALE CHAITANYA PRASAD	Thermax LTD
34	BHAGAT KARTIK JITENDRA	Aera Gad Control System Private Limited	75	KHANSE ADITYA SANTOSH	Thermax LTD
35	RAUT SAAJ PRASHANT	Aera gas Control Systems Pvt Ltd. Pune	76	KULKARNI RUGVED RAVIKIRAN (TFWS)	Thermax LTD
36	DAGADE OM CHANDRAKANT	FORCE MOTORS Ltd.	77	NAIK GHANSHYAM PRADIP	Thermax LTD
37	SHINDE SHUBHAM SURESH	Ultra Enterprises	78	PATTANSHETTI SIDDHARTH SHEETAL	Thermax LTD
38	VEDANT CHITTE	TATA Ficosa Automotive Pvt. Ltd.	79	DATIR PRANAV VITTHAL (TFWS)	Sandvik Asia Private Limited, Pune
39	ABHINAV SATISH MENON	Tata motors	80	BARHATE DEVASHRI DIPAK	VDL Pinnacle Engineering Pune
40	CHOUDHARI ATHARVA DINESH	Tata Motors			
41	DORAGE KUNAL RAMBHAU	Tata Motors			

Few good photographs related to different activities organized under Industry Institute Interaction

Size of photo 5 cm x 7 cm with captions

6.STUDENTS' ACHIEVEMENTS

6.1 STUDENTS' ACHIEVEMENT (Professional) (Individual Level) (Technical activities such as design competitions, paper presentation, technical quiz, Product development, innovation, etc.)

Term One		
Name of Student	Details of Achievement (State/University/	Remark

	National/International Level)	(Domain)
Omkar Khot SE (Mechanical)	Unleash-ORF India hackathon 2021 Winner. Theme of “Air Pollution”	United Nations Sustainable Development Goals; selected for grand finale
DivyaDhamal, Tejas Lot, Vinaya Gholap, PratipKenche	Won 1st consolation Award(Rs15000+ Certificates)	Grand Finale of TCS Sustainathon Pune 2021
Abhishek Chavan	Domain Scholar certificate form NPTEL in Product Design	-
Monali Patil	New safety enhancing ideas for overhead cranes.	Konecranes
Sudip Dongre		
Ashish Karande		
AashutoshsinghPardeshi		
Abhishek Chavan	EOT cranes in 2030-Generative Design for EOT cranes	Konecranes
Ameya Gandhi		
Omkar Khot	Vista 2021 at IIM Bangalore	Participation

Term Two		
Name of Student	Details of Achievement (State/University/ National/International Level)	Remark (Domain)
Ashish karande	Techo-Genesis 2022 (International Level Project Exhibition Cum Competition") at MIT ADT University during 18-23 April 2022	MIT ADT University
Sudip Dongare		
Saurabh Jaurat		
Titiksha Jagtap		
Omkar Khot	Hack for Earth	Won \$10000 prize

6.2 STUDENTS’ ACHIEVEMENTS (other than Professional) (Individual Level) (Social activities, etc.)

Term One		
Name of	Details of Achievement (State/University/ National/International Level)	Remark ((Domain)

Student		
Vivek Singh BE (Mechanical)	Selected to represent the INDIAN NCC DELEGATION in Dhaka, Bangladesh. on Occasion of Victory Day Celebration, under the Youth Exchange Program (YEP)	BDB

Term Two		
Name of Student	Details of Achievement (State/University/ National/International Level)	Remark ((Domain)
Sayali Koli (BE Mech-B)	AVHAN maharashtra State Inter University Disaster Preparedness Training Programme	
Umesh Nikumbh (BE Mech -A)	Member of NCC Cadet Welfare Society	
Atharv Jadhav (BE Mech-A)	Attended interview in front of SSB (AIR FORCE)	

6.3 CERTIFICATE / ONLINE COURSES COMPLETED BY STUDENTS (Certificate courses, value added courses, MOOC, etc.)

Term One				
S N	Name of Student	Title of the Course	Conducted By	Duration/ Dates
1	Abhishek Santosh Chavan	Ergonomics Workplace Analysis - online	NPTEL	July 2021
2	Abhishek Santosh Chava	Design Practice II - online	NPTEL	July 2021
3	GAURAV DATTAPRAS AD DESHPANDE	Production Technology Theory and Practice - online	NPTEL	July 2021
4	Yash Amol Chaudhari	Developing Soft Skills and Personality - online	NPTEL	July 2021
5	Abhishek Santosh Chavan	Production Technology Theory and Practice - online	NPTEL	July 2021

Term Two				
S N	Name of Student	Title of the Course	Conducted By	Duration/ Dates
1	Yogesh Dinesh Nawde	Manufacturing Guidelines for Product Design	NPTEL	Jan 2022
2	Abhishek Santosh Chavan	Manufacturing Guidelines for Product Design	NPTEL	Jan 2022
3	Mrunmayee Ravindra Pednekar	German - I	NPTEL	Jan 2022
4	Adwait Mahajan	Design, Technology and Innovation	NPTEL	Jan 2022

6.4 NUMBER OF STUDENTS PLACED

Term One Mechanical Sandwich			
Sr No	Name of Organization visited	Number of students Participated	Number of students Placed
1	Cognizant	12	07
2	Bristlecone	03	01
3	CCTECH	05	01
4	Ford Motors	03	01

Term One Mechanical			
Sr No	Name of Organization visited	Number of students Participated	Number of students Placed
1	TCS	08	04
2	Cognizant	25	19
3	Wipro Pari	10	03
4	Fleetguard	05	02
5	Bristlecone India Ltd	05	02
6	Infosys Ltd	05	02

7	Thermax Ltd.	03	01
8	Alten India Pvt.Ltd	02	01
9	Bosch Chassis System India Pvt.Ltd	02	01

Term Two Mechanical Sandwich			
Sr No	Name of Organization visited	Number of students Participated	Number of students Placed
1	Applus IDIADA	04	02
2	Valeo India Pvt Ltd	02	01
3	Swift PLM	02	01
4	Thermax	03	01
5	Winone Product Technologies Pvt Ltd	03	01
6	Minda	02	01
7	Mahindra & Mahindra	06	02

Term Two Mechanical			
Sr No	Name of Organization visited	Number of students Participated	Number of students Placed
1	Capgemini	10	04
2	Godrej & Boyce	05	03
3	KPIT	08	03
4	Loire India	05	01
5	Mahindra & Mahindra Ltd	03	01
6	Minda Corporation Ltd.	03	01
7	Reliance India Ltd	02	01
8	Kohler Power India Ltd	02	01
9	Integrated Design & Analysis Consultant	01	01

For Mech SwLower Package Offered: 180000/-

Higher package Offered:574410/-

Average Package Offered:374000/-

For Mech Lower Package Offered: 144000/-

Higher package Offered:549456/-

Average Package Offered:401988/

6.5 NUMBER OF STUDENTS QUALIFIED IN THE EXAMINATIONS (GATE, GRE, UPSC, MPSC, CAT, TOEFL, any other examination)

Sr. No.	Name of Student	Examination	Examination / registration number
1	Pushkar Pandit	GATE	ME21S82083128
2	SumitBendale	IELTS	308445
3	NeemeshNanaware	IELTS	0087672
4	Noopur Kaulgi	IELTS	331946
5	Yugmini Deshmukh	IELTS, GRE	005008, 6031235
6	Omkar Shinde	IELTS	249518
7	Vidya Salunke	IELTS	121269

6.6 SPORTS / CULTURAL ACHIEVEMENTS OF STUDENTS (Individual Level) (Team level achievements to be mentioned in institute level sports/Cultural committee report)

Term One		
Name of Student	Details of Achievement (State/University/ National/International Level)	Remark (Domain)
Yash Dakila	MIT Summit-Football(Boys)	SPPU
Aditya Mandale	MIT Summit-Basketball (Boys)	
Urooj Momin		

Term Two		
Name of Student	Details of Achievement (State/University/ National/International Level)	Remark (Domain)
Niranjan Polekar	<u>INTER INSTITUTION EVENT</u>	Basketball
Atharva Bodhe		

Yash Pahade		
Pratik Bhati		
Siddharth More		
AryeshUttekar		
ShaunakLimkar		
GaurangGujrathi		

6.7 STUDENTS' ACHIEVEMENTS (Team Level)

Term One			
Name of Event	Name of Faculty Advisor	Details of Achievement (State/University/ National/International Level)	Remark (Domain)
Effi Cycle	Dr C S Choudhari	Award certificate for BEST PROJECT PLAN & DESIGN VALIDATION PLAN at SAEINDIA Northern Section EFFI-CYCLE 2021 held on 5th December 2021 and received cash prize of Rs 5000/-	Technical

Term Two			
Name of Event	Name of Faculty Advisor	Details of Achievement (State/University/ National/International Level)	Remark (Domain)
Resonance Racing	Dr A V Waghmare	4th Rank in Technical Presentations Globally Advanced design: score 42.2180 Technical presentation: score 41.8833	Technical
	Dr A V Waghmare	stood first in Technical Presentation, m-Baja Static event	Technical
	Dr A V Waghmare	2nd runner up - Manufacturing Award, International Aerodesign competition	Technical
	Dr A V Waghmare	1st runner up, REEV Virtuals 2022	Technical
Team	Dr D Y	Overall- Globally 2nd in SAE International	Technical

Garudashwa	Dhande	Advanced Class	
Team Garudashwa	Dr D Y Dhande	Design Report- Globally 1st in SAE International Advanced Class	Technical
Team Garudashwa	Dr D Y Dhande	Technical Presentation- Globally 4th in SAE International Advanced Class	Technical

Few good photographs related to students' achievements

Size of photo 5 cm x 7 cm with captions



Back row from L to R: Sanket Amble, Ratish Patil, Swapnil Tole, Ghanshyam Naik, Prathamesh Orpe, Siddharth Shitole

Front row from L to R: Akshata Patil, Jayesh Bhosale, Ameya Kulkarni, Shruti Puntambekar, Prerna Buundele

Garudashwa Team Participated in international Advance Class



Awards Received by Team Garudashwa in SAE International Competition

7. SUMMARY AND SWOC ANALYSIS

7.1 ANY OTHER NOTEWORTHY ACHIEVEMENT OF THE DEPARTMENT(Not mentioned above)

Sr.	Details
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No.	
1	Initiated Collaboration with foreign university by Dr D Y Dahnde
2	Initiated consultancy with KoneCranes, Germany
3	2 faculty members got recognition as PhD Guide from SPPU

7.2 MISCELLANEOUS (SYLLABUS IMPLEMENTATION, MAJOR ADDITION IN INFRASTRUCTURE AND FACILITY, INNOVATIONS INTRODUCED, ETC.)

FACULTY	ACTIVITY

7.3 FEEDBACK FROM STAKEHOLDERS

Sr No	Stakeholder	Number of Feedbacks Received	Overall Feedback
1	Alumni	18	Satisfactory ,suggested some courses to be incorporated.
2	Parents	63	Satisfied with teaching faculties and infrastructure in the department.
3	Employers	28	Satisfied with infrastructure,Suggested improvement in curriculum,Some facilities are required.
4	Students	322	Satisfied with facilities in college.

7.4 TWO BEST PRACTICES FOLLOWED IN THE DEPARTMENT

Real life exposure to the student's through Chapter activities
Active SAE India Collegiate club Motor sports activities.

7.5 MAJOR GRIEVANCES OF STUDENTS (IF ANY) REDRESSED

Nil

7.6 SWOC ANALYSIS

Five major strengths, weaknesses, opportunities, and challenges (SWOC) of the department and future plans of the Department.

Strengths:

1	15 Faculty members with PhD Qualification. Another 6 are pursuing PhD
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2	Average experience of faculty is more than 15 Years
3	Faculty Retention ratio is good
4	SFR is reasonable
5	PhD research centre (Six internal faculty are having PhD guide recognition of SPPU)
6	Good number of research publications and copyrights

Weaknesses:

1	Consultancy work to be improved
2	High end research facility is lagging
3	Modernization of laboratories
4	Need to fetch more research funds
5	National/International Industry/Academia collaboration is required

Opportunities:

1	To develop Research Laboratory
2	To develop Industry support Laboratory
3	To establish centre of excellence in the department
4	Get more number of research students
5	International Research Collaborations
6	Multidisciplinary Projects and Research within the institute

Challenges

1	To improve admission scenario
2	Updation of laboratories as per present need of Industry
3	To improve Placement scenario
4	To encourage students to become entrepreneur

7.7 FUTURE PLANS OF THE DEPARTMENT (For Next Academic Year)

1	NBA accreditation
2	MoU with international academic institutes

3	Enhanced interaction with Industry 1. Knorr Bremse, 2. Kone cranes
4	Strengthen Research Centre

7.8 INITIATIVES TAKEN BY THE DEPARTMENT AT DEPARTMENT AND INSTITUTE LEVEL TO IMPROVE AND ASSURE QUALITY IN THE FOLLOWING AREAS

Area	Initiatives
Academics and overall profile of Department	<ol style="list-style-type: none"> Three faculty members got PhD recognition from SPPU in AY 21-22 Effective online teaching Learning process
Organization of different activities	Organised following activities during AY 2021-22 and beneficiaries Webinars Faculty development program 4 day online training program Quiz Alumni Interaction Expert talk
Research and Innovation	Journal Papers Conference Papers Books FDP Webinar/Seminar Consultancy testing
Industry institute Interaction	Increased number of MoU. Increased Industry Visits.
Students' Achievements	Participation in National and International events

SUMMARY SHEET (Annual)

Sr No	Activity/ Item	Numbers
PROFILE OF DEPARTMENT		
01	Students in the department	833
FACULTY CONTRIBUTION		
02	e content developed by faculty and available online	1
03	Number of FDP/STTP attended by the department faculty	77
04	Number of Seminars/ workshops/ webinars attended by the department faculty	41
05	Number of Conferences/ symposiums attended by the department faculty	5
06	Number of Online courses / certificate courses completed by department faculty	11
07	Number of extension lectures / webinars (Lectures delivered on other than technical topics))	2
08	Number of Faculty served as resource person, expert, chairperson	13
ACTIVITIES ORGANISED		
09	Number of FDP/STTP organized by the department	1
10	Number of Seminars/ workshops/ webinars organized by the department (for faculty)	14
11	Number of Conferences/ symposiums organized by the department (for faculty)	—
12	Number of Extension activities conducted by the department (Social/ Quizzes at national/international level/any other activity)	3
13	MOU signed with academic and professional organizations	4
14	Number of Students' chapters /clubs	9

15	Number of Social activities organized	
16	Number of Parent meeting	2
17	Number of Alumni meet	1
18	Number of student counselling and career guidance at the department level	
	RESEARCH CONTRIBUTION	
19	Number of Funded research project	2
20	Number of Testing and consultancy	3
21	Number of Patents, copyright, trademark and other (IPR)	–
22	Number of Papers published/ presented in proceedings of conferences	5
23	Number of Papers published in journals	25
24	Number of Book/ article publications	1
25	Total Research citations	1392
26	Number of ME awarded	2
27	Number of PhD AWARDED	–
	INTERACTION WITH INDUSTRY	
28	Number of Industrial visits organised	03
29	Number of Expert lectures delivered by industry experts	9
30	Number of Industry –sponsored projects (UG/PG)	7
31	Number of MOU signed with industry	9
32	Number of Faculty members undergone industrial training	2
33	Number of Students undergone in-plant training and (or) internship programme	128+82
34	Number of students placed	14+49
35	Number of students qualified in the examinations	7

Declaration by the Head of the Department

I am aware that the above information provided by the Department will be validated by the AAA committee during the visit.

Dr S V Chaitanya
Name and Signature
Head of Department