



**AISSMS**  
**COLLEGE OF ENGINEERING**

ज्ञानम् सकलजनहिताय  
Accredited by NAAC with "A+" Grade



## **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 **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 all the supporting documents are available.*
- ❖ *Use: Font Type: Times New Roman, Font Size: 12, Sentence case, Spacing: 1.15*
- ❖ *Use separate row for every details.*
- ❖ *For any queries, you may contact: Dr C S Choudhari, Coordinator, IQAC*
- ❖ *email: [iqac@aiissmscoe.com](mailto:iqac@aiissmscoe.com)*

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# **1. PROFILE OF DEPARTMENT**

## 1.1 INTRODUCTION

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

## 1.2 LABORATORIES IN THE DEPARTMENT

<b>Name of Laboratory</b>	
<b>Heat Engine Lab</b>	Automotive System Lab
<b>Metallurgy Lab</b>	Automotive Chassis lab
<b>Heat Transfer Lab</b>	PG Software Lab Auto
<b>Theory of Machine Lab</b>	PG Lab Design
<b>Dynamics of Machinery Lab</b>	BME Lab
<b>Drawing Hall</b>	Central Facility
<b>Fluid Machinery Lab</b>	Mechatronics
<b>Fluid Power Lab</b>	Computer Graphics Lab
<b>Refrigeration &amp; Air conditioning Lab</b>	Computer Center
<b>Metrology Lab</b>	Inhouse Project
<b>Computer Aided Design Lab</b>	Computer Aided Engineering Lab

## 1.3 SOFTWARES AVAILABLE IN THE DEPARTMENT

<b>Software Available</b>	
<b>AutoCAD 2009</b>	Master CAM X9
<b>Pro/Engineer WildFire 5.0</b>	ANSYS 16
<b>Altair Hyperworks R11</b>	MSC Adams
<b>MATLab</b>	

#### 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 A Tonde	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 N Gotkhindikar	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 Ansari	Assistant Professor

### 1.5 DETAILS OF SUPPORTING STAFF

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

### 1.6 STUDENTS' ENROLLMENT

Program	GEN		SC		ST		OBC		PWD		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

Sr. No.	Term One				
	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 BE A AMP BE B AMP	83 96 100	84 96 100	83.5 96 100
2	Dr M R Phate	BE A MSD BE MS OR	79 74	85 68	82 71
3	Dr Mrs P S Gajjal	BE MS MSD BE B MSD	88 86	90 93	89 89.5
4	Dr M S Deshmukh	BE MS EA&M  BE B EE	88  88	92  93	90  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	Dr S 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	81	80	80.5

		SE B FM	85	87	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 A Tonde	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 N Gotkhindikar	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

<b>Dr C S Dharankar</b>	BE Mech (A&B) Dynamics of Machinery	<b>100</b>
<b>Dr S J Navale</b>	TE Mech (A) Numerical Statistical & Methods TE Mech Sand Heat & Mass Transfer	<b>98.83</b> <b>100</b>
<b>Mr M U Gan</b>	SE Mech (B) Engineering Thermodynamics	<b>100</b>
<b>Mr P S Aglawe</b>	TE Mech Sand Numerical Statistical & Methods	<b>100</b>
<b>Mr O A More</b>	TE Mech (A&B) Mechatronics	<b>100</b>
<b>Mrs A A Tonde</b>	TE Mech Sand Design of Machine Elements	<b>100</b>
<b>Mr M S Swami</b>	SE Mech (A) Engg. Materials & Metallurgy	<b>100</b>
	SE Mech Sand Solid Modeling & Drafting	<b>100</b>
<b>Mr G P Lohar</b>	SE Mech Sand Engineering Thermodynamics	<b>100</b>
<b>Mrs M P Shah</b>	BE Mech (A&B) Finite Elements Analysis	<b>100</b>
<b>Mr M R Dahake</b>	TE Mech (B) Heat & Mass Transfer	<b>100</b>
<b>Mr M P Bauskar</b>	TE Mech (A&B) Machining Science & Technology	<b>100</b>
<b>Mr K L Kumbhar</b>	BE Mech (A&B) Energy & Audit & Management	<b>100</b>
<b>Mr D S Mane</b>	SE Mech (B) Engg. Materials & Metallurgy	<b>100</b>
<b>Mrs S S Patil</b>		
<b>Mr N N Gotkhindikar</b>	SE Mech Sand Engg. Materials & Metallurgy	<b>100</b>
<b>Dr M M Sayyad</b>	TE Mech (B) Numerical Statistical & Methods	<b>100</b>
	SE Mech (B) Solid Mechanics	<b>100</b>
<b>Dr Mrs A M Ramteke</b>	TE Mech (B) Advanced Forming & Joining Processes	<b>100</b>
<b>Dr D S Malwad</b>	SE Mech (B) Solid Modeling & Drafting	<b>100</b>
<b>Self Study</b>	BE Mech Sand Automobile Engineering	<b>100</b>
<b>Self Study</b>	BE Mech Sand Power Plant Engineering	<b>100</b>
<b>Miss S S Mujawar</b>	SE Mech (A&B) Electrical & Electronics Engineering	<b>100</b>
<b>Mr R S Shinde</b>	SE Mech sand Electrical & Electronics Engineering	<b>100</b>

<b>Term Two</b>		
<b>Name of faculty</b>	<b>Class and Subject Taught</b>	<b>% passing</b>
<b>Dr B D Bachchhav</b>	SE Mech Sand Manufacturing Engineering BE Mech A & B Advance Mfg Process	<b>73</b> <b>100 &amp; 100</b>
<b>Dr M R Phate</b>	BE Mech Sand Operation Research BE Mech A Mechanical System Design	<b>100</b> <b>94.52</b>
<b>Dr Mrs P S Gajjal</b>	BE Mech B Mechanical System Design BE Mech Sand Mechanical System Design	<b>94.87</b> <b>94.87</b>
<b>Dr M S Deshmukh</b>	BE Mech Sand Energy Audit & Mgt BE Mech B Energy Engineering	<b>91.38</b>
<b>Dr A V Waghmare</b>	BE Mech Sand Hyd & Pneumatics	<b>91.38</b>
<b>Dr D Y Dhande</b>	TE Mech B Computer Aided Engineering	<b>86.9</b>
<b>Dr S H Wankhade</b>	BE Mech A Product Dsg & Develop	<b>95.38</b>

<b>Dr C S Choudhari</b>	BE Mech A Energy Engineering	<b>97.26</b>
<b>Dr S V Chaitanya</b>	BE Mech A Industrial Engineering	<b>97.2</b>
<b>Mr S R Patil</b>	SE Mech B Kinematics of Machinery SE Mech Sand Kinematics of Machinery	<b>79.2 62</b>
<b>Mr P V Deshmukh</b>	TE Mech A Computer Aided Engineering	<b>81.4</b>
<b>Mr R A Marne</b>	TE Mech A & B Design of Transmission System	<b>79.07 &amp; 76.19</b>
<b>Dr C S Dharankar</b>	BE Mech Sand Mechanical Vibration	<b>97.44</b>
<b>Dr S J Navale</b>	SE Mech B Applied Thermodynamics BE Mech Sand Energy Engineering	<b>72.73 96.15</b>
<b>Mr M U Gan</b>	SE Mech A & B Fluid Mechanics	<b>76.32 &amp; 58.44</b>
<b>Mr P S Aglawe</b>	TE Mech B Artificial Intelligence & Machine learning BE Mech A Robotics	<b>89.29 100</b>
<b>Mr O A More</b>	TE Mech A Surface Engineering	<b>76.6</b>
<b>Mrs A A Tonde</b>	SE Mech A Kinematics of Machinery	<b>78.9</b>
<b>Mr M S Swami</b>	TE Mech B Surface Engineering	<b>81.43</b>
<b>Mr G P Lohar</b>	SE Mech Sand Thermal Engineering	<b>69</b>
<b>Mrs M P Shah</b>	1.BE Mech Sand CAD/CAM 2.BE Mech Sand Finite Elements Analysis	<b>100 71.43</b>
<b>Dr M R Dahake</b>	SE Mech A Applied Thermodynamics	<b>77.6</b>
<b>Mr M P Bauskar</b>	SE Mech B Manufacturing Process	<b>83.12</b>
<b>Mrs S S Patil</b>		
<b>Mr N N Gotkhindikar</b>	SE Mech A Manufacturing Process	<b>86.84</b>
<b>Dr M M Sayyad</b>	TE Mech A & B Composite Materials	<b>87.18 &amp; 100</b>
<b>Dr Mrs A M Ramteke</b>	BE Mech B Product Dsg & Develop	<b>100</b>
<b>Dr D S Malwad</b>	TE Mech A Artificial Intelligence & Machine Learning BE Mech A & B Solar & Wind Energy	<b>93.02 100 &amp; 100</b>
<b>Mr Shahid Ali</b>	SE Mech Sand Fluid Mechanics & Machinery	<b>54</b>
<b>Mr S T Surase</b>	SE Mech A & B Engineering Maths -III SE Mech Sand Engineering Maths -III	<b>76.32 &amp; 63.64 44</b>

### 1.9 CLASS RESULT ANALYSIS (All Classes FE to BE)

Term One												
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	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 - 3.9	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 last five academic years)**

<b>Academic Year 2017 - 18</b>			
<b>Sr No</b>	<b>Name of the Ranker</b>	<b>Class</b>	<b>Rank</b>
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 Prathmesh Ravikant	BE Mech S/W	1
5	Ketkali Sammed Ajit	BE Mech S/W	3
6	Chappidi Sreenivasulu Subaiya	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

<b>Academic Year 2018 - 19</b>			
<b>Sr No</b>	<b>Name of the Ranker</b>	<b>Class</b>	<b>Rank</b>
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 Shiwani Chandrasasya	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

<b>Academic Year 2019 - 20</b>			
<b>Sr No</b>	<b>Name of the Ranker</b>	<b>Class</b>	<b>Rank</b>
1	Jaurat Saurabh Vishwanath	SE Mech	7
2	Khedkar Sudarshan Rajendra	SE Mech S/W	1
3	Ghanwat Tejas Balasaheb	SE Mech S/W	2
4	Zende Vidita Vijay	SE Mech S/W	3
5	Momin Urooj Ahmed Ansari a Ahmed	SE Mech S/W	4
6	Gawade maithili Sashikant	SE Mech S/W	5
7	Dabholkar Aniruddh Rajendra	SE Mech S/W	6



8	Kichloo Anmol	SE Mech S/W	7
9	Bhasme Rushikesh 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	Musai Sarvesh Sanjay	SE Mech S/W	10
13	Giri Menika 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 Manshi Bhalchandra	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, PHD 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 International conference on “Recent Advances in Materials, Manufacturing and Machine Learning(RAMMML-2022)” organised by YCCE Nagpur
02	Dr. Mangesh R. Phate	Expert Session on “NBA Attributes for the students” @ Zeal College of Engineering & Research, Pune on 21/03/2022
03	Dr P S Gajjal	<ol style="list-style-type: none"> <li>1. Subject Member for TE - Electric Vehicle Honors Course in Framing syllabus</li> <li>2. Subject Member for BE- Process Equipment design in framing Syllabus</li> <li>3. Panel Member for BE Elec I Electric and Hybrid Vehicle</li> </ol>

### 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

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	<a href="https://www.youtube.com/watch?v=iBacIKzMf40">https://www.youtube.com/watch?v=iBacIKzMf40</a> <a href="https://www.youtube.com/watch?v=Xwwanvsv7q8&amp;t=30s">https://www.youtube.com/watch?v=Xwwanvsv7q8&amp;t=30s</a>

## 2.4 FDP/STTP ATTENDED BY THE DEPARTMENT FACULTY

Term One				
S. No.	Name of the participant	Designation	Title of the FDP / professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
1	A.V.Waghmare	Associate Professor	ISTE approved online /SF-STTP/FDP Programme on "Advances and applications of artificial intelligence and machine learning"	22-11-2012 - 02 -12 -2021
2	A.V.Waghmare	Associate Professor	FDP on electric mobility as a future	25-10-2021 - 29-10-2021
3	A.V.Waghmare	Associate Professor	FDP on fundamentals of electric vehicles	25-10-2021-29-10-2021
4	A.V.Waghmare	Associate Professor	Workshop on "structure and syllabus detailing of honors course in energy management in utility system"	9/11/2021
5	Dr D Y Dhande	Associate Professor	FDP on "computational fluid dynamics -A potential engineering design tool"	26-07-2021-30-7-2021
6	Dr D Y Dhande	Associate Professor	FDP on alternative fuels :biofuels	04-10-2021 - 08-10-2021
7	Dr D Y Dhande	Associate Professor	FDP On NANOFLUIDS: THEORY, EXPERIMENTATION. COMPUTATION AND APPLICATIONS	13-09-2021 - 15-09-2021
8	Dr M S Deshmukh	Associate Professor	FDP on recent advances in solar energy research and applications	25-10- 2021 - 29-10-2021
9	Dr M S Deshmukh	Associate Professor	Syllabus implementation workshop on subject "Design of transmission system'	
10	Dr SV Chaitanya	Associate Professor	FDP on quality attributes for the strategic improvement of faculty productivity	03-08-2021 - 07-08-2021
11	Dr SV Chaitanya	Associate Professor	FDP on design thinking	21-06-2021 - 25-06-2021
12	Dr SV Chaitanya	Associate Professor	Webinar on role of professional students chapter in enhancing engineering students career growth and increasing opportunities	26-06-2021
13	Mr P V Deshmukh	Assistant Professor	FDP on product design and prototype development	12-7-2021 - 16-7-2021
14	Mr P V Deshmukh	Assistant Professor	FDP on elements of FEM	26-07-2021 - 30 -7 -2021
15	Mr P V Deshmukh	Assistant Professor	FDP on revolution and advances in e vehicles	30-08-2021 - 03-09-2021
16	Dr C S Dharankar	Assistant Professor	4 week induction / orientation program for faculty in universities/colleges / institutes of higher education	19-11-2021 - 18-12-2021
17	Dr S J Navale	Assistant Professor	4 week induction / orientation program for faculty in	19 -11-2021 - 18-12-2021

			universities/colleges / institutes of higher education	
18	Dr S J Navale	Assistant Professor	4 week induction / orientation program for faculty in universities/colleges / institutes of higher education	19-11-2021 - 18-12-2021
19	Dr S J Navale	Assistant Professor	Impact lecture series 2021 on IPR with reference patent drafting and filling in Indian context	14-10-2021
20	Dr S J Navale	Assistant Professor	Webinar on automotive industry trends and challenges	10-07-2021
21	Mr M U Gan	Assistant Professor	4 week induction / orientation program for faculty in universities/colleges / institutes of higher education	19-11-2021 - 18-12-2021
22	Mr M U Gan	Assistant Professor	Webinar on innovation , entrepreneurship and startup week	10/11/2021
23	Mr M U Gan	Assistant Professor	Webinar on automotive industry trends and challenges	7/10/2021
24	Mr M U Gan	Assistant Professor	Webinar on innovation in technology adoption and development of high precision slipring : A Case study	18-07-2021
25	Mrs A T Thombare	Assistant Professor	FDP on recent advances in mechanical engineering design	20-07-2021 - 24-7-2021
26	Mrs A T Thombare	Assistant Professor	Short term training program on innovative and inventive problem solving	13-07-2021 - 18-07-2021
27	Mrs A T Thombare	Assistant Professor	Syllabus implementation workshop for the course name of design of machine elements	27-07-2021
28	Mr MS Swami	Assistant Professor	Innovation ambassador training ( advance level )	30-06-2021 - 30-07-2021
29	Mrs M P Shah	Assistant Professor	Short term training program on innovative and inventive problem solving	13-07-2021 - 18-07-2021
30	Mrs M P Shah	Assistant Professor	FDP on "Additive manufacturing: current trends and prospects towards developing AM research"	22-08-2021- 26-08-2021
31	Mrs M P Shah	Assistant Professor	FDP on 3D printing and design	25-10-2021 - 29-10-2021
32	Mrs M P Shah	Assistant Professor	FDP on 3D printing and design	19-10-2021 - 23-10-2021
33	Mrs M P Shah	Assistant Professor	Workshop on outcome based education (OBE )	20-08-2021- 21 -08-2021
34	Mrs M P Shah	Assistant Professor	Workshop on 3D printing solutions for medical innovation	17-07-2021 - 18-07-2021
35	Dr M R Dahake	Assistant Professor	One week FDP on electric mobility as a future	25-10-2021- 29-10-2021
36	Dr M R Dahake	Assistant Professor	Syllabus implementation workshop for the course name of heat and mass transfer	27-07-2021

37	Dr M R Dahake	Assistant Professor	Syllabus implementation workshop on skill development and audit course 5 and 6.	27-07-2021
38	Mr M P Bauskar	Assistant Professor	One week online short term training program on innovative and inventive problem solving	22-06-2021-27-06-2021
39	Mr M P Bauskar	Assistant Professor	One week FDP on role of honours courses in engineering education and research	25-10-2021- 29-10-2021
40	Mr M P Bauskar	Assistant Professor	Webinar on innovation entrepreneurship and startup Week	10/11/2021
41	Mr M P Bauskar	Assistant Professor	Webinar developing the culture of innovation	9/15/2021
42	Mr OA More	Assistant Professor	FDP on "Classical optimisation techniques in manufacturing systems"	05-07-2021 - 09-07-2021
43	Dr. Mrs P S Gajjal	Associate Professor	FDP on electric mobility as a future	25-10-2021- 29-10-2021
44	Dr. S H Wankhade	Associate Professor	Short term training program on "Innovations and challenges in industry 4.0 automation and smart manufacturing"	09-08-2021- 14-08-2021
45	Dr. S H Wankhade	Associate Professor	FDP on software based case studies for development of multi disciplinary projects	22-11-2021 - 26-11-2021
46	Dr. S H Wankhade	Associate Professor	foundation to electric vehicle subsistence and technology	10/24/2021
47	Dr. C S Choudhari	Associate Professor	FDP on achieving leadership excellence for teachers of higher education institution	27-09-2021 - 01-10-2021
48	Dr. C S Choudhari	Associate Professor	FDP on guidance, counselling and mentoring	20-09-2021-24-09-2021
49	Mr R A Marne	Assistant Professor	Short term training program on innovative and inventive problem solving	29 -06-2021 -04 -07-2021
50	Mr R A Marne	Assistant Professor	Induction / orientation program for faculty University / colleges / institutes of higher education	19-11-2021-18-12-2021
51	Mr R A Marne	Assistant Professor	Webinar on innovation in technology adoption and development of high precision slipring : A case study	18-07-2021
52	Dr. M M Sayyad	Assistant Professor	FDP on design synthesis and characterization of novel materials	25/10/2021 - 29/10/2021
53	Dr. M M Sayyad	Assistant Professor	Innovation ambassador training ( foundation level )	30-06-2021-30-07-2021
54	Dr. M M Sayyad	Assistant Professor	Webinar on smart clean and green electrical energy for the sustainable future	10/5/2021
55	Dr. M M Sayyad	Assistant Professor	Webinar on innovation entrepreneurship and startup week	10/11/2021
56	Dr. M M Sayyad	Assistant Professor	Webinar on developing a culture of innovation	9/15/2021

57	Dr. M M Sayyad	Assistant Professor	Impact lecture series on developing entrepreneurship personalities	10/4/2021
58	Dr. M M Sayyad	Assistant Professor	Expert talk on engineering for healthy planet	9/15/2021
59	Dr. M M Sayyad	Assistant Professor	Impact lecture series on IPR with reference patent drafting and filing in Indian context	14-10-2021
60	Mr N N Gotkhindikar	Assistant Professor	Short term training program on innovative and inventive problem solving	13-07-2021 - 18-07-2021
61	Mr N N Gotkhindikar	Assistant Professor	Syllabus implementation workshop for the course name of mechatronics	27-07-2021
62	Mr N N Gotkhindikar	Assistant Professor	Webinar on role of professional students chapter in announcing engineering students career growth and increasing opportunities	26-06-2021
63	Mr N N Gotkhindikar	Assistant Professor	Webinar on current scenario of India under symbol of knowledge	
64	Mr N N Gotkhindikar	Assistant Professor	Webinar on OBE : in pursuit of academic excellence - II	6/24/2021
65	Mr N N Gotkhindikar	Assistant Professor	Webinar on innovation in technology adoption and development of high precision slipring : A case study	18-07-2021
66	Mr N N Gotkhindikar	Assistant Professor	Webinar on automotive industry trends and challenges	7/10/2021
67	Dr. D S Malwad	Assistant Professor	FDP on research areas in mechanical engineering	18 -10-2021 - 23-10-2021
68	Dr. D S Malwad	Assistant Professor	FDP on recent advance size in solar energy research and applications	25-10-2021 - 29-10-2021
69	Dr. D S Malwad	Assistant Professor	FDP on IOT applications in renewable energy	22 -11 -2021- 26-11-2021
70	Mr. Shahid Ali	Assistant Professor	FDP on recent advancement in sustainable energy storage and conversion	25-10-2021-29-10-2021
71	Mr. Shahid Ali	Assistant Professor	One week short term training program on "Advancement in refrigeration and air conditioning"	25-10-2021- 29-10-2021
72	Mr. Shahid Ali	Assistant Professor	NPTEL E-awareness workshop	25-11-2021
73	Mr. Shahid Ali	Assistant Professor	Syllabus implementation workshop on modelling and simulation of EHV	24-09-2022

Term Two				
S. No	Name of the participant	Designation	Title of the FDP / professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
1	Dr B D Bachchhav	Professor	FDP on product design development and manufacturing through a boot camp	10-01-2022 – 14 – 01-2022
2	Dr B D Bachchhav	Professor	AICTE/ISTE approved orientation /refresher programme on	10-12-2021 - 16 - 12 -2021

			"Nanotechnology applications in mechanical engineering"	
3	Dr M R Phate	Professor	One week AICTE-ISTE sponsored one week induction/refresher programme on "Advances in engineering"	08-12-2021 - 14-12-2021
4	Dr M R Phate	Professor	IP awareness / training program under National intellectual property awareness mission	1/29/2022
5	A.V.Waghmare	Associate Professor	Online workshop on "Artificial intelligence and machine learning"	26-12-2021
6	A.V.Waghmare	Associate Professor	Coursera using google forms for student success	12/24/2021
7	Dr D Y Dhande	Associate Professor	Orientation/refresher programme on "Additive manufacturing in medical and emerging application"	27-01-2022 - 02-02-2020
8	Dr M S Deshmukh	Associate Professor	STTP on conservation of energy water and environment- present and future	07-03-2022 - 11-03-2022
9	Mr P V Deshmukh	Assistant Professor	One week online STTP/refresher program on project based learning	21-2-2022 - 26-02-2022
10	Mr P V Deshmukh	Assistant Professor	One week online FDP on FEM and its applications in recent material technology	10-03-2022 - 14-03-2022
11	Mr P V Deshmukh	Assistant Professor	Orientation / Refresher programme on "Advances in engineering"	8-12-2021 - 14-12-2021
12	Dr C S Dharankar	Assistant Professor	FDP on recent advances in noise vibration and harshness	07-04-2022 - 09-04-2022
13	Dr C S Dharankar	Assistant Professor	Orientation / Refresher programme on "Advances in engineering"	8-12-2021 - 14-12-2021
14	Dr S J Navale	Assistant Professor	Orientation / Refresher programme on "Advances in engineering"	8-12-2021 - 14-12-2021
15	Mr M U Gan	Assistant Professor	Orientation / Refresher programme on "Advances in engineering"	8-12-2021 - 14-12-2021
16	Mr P S Aglawe	Assistant Professor	Orientation / Refresher programme on "Advances in engineering"	8-12-2021 - 14-12-2021
17	Mrs A T Thombare	Assistant Professor	STTP through ICT Mode on refresher course on MATLAB and LABVIEW applications in engineering	21-02-2022 - 25-02-2022
18	Mrs A T Thombare	Assistant Professor	Short term training program through ICT Mode on MATLAB in mechanical engineering application	21-03-2022 - 25-03-2022
19	Mrs A T Thombare	Assistant Professor	Online syllabus implementation workshop on kinematics of machinery 2019 course	2/18/2021
20	Mrs A T Thombare	Assistant Professor	Orientation / Refresher programme on "Advances in engineering"	8-12-2021 - 14-12-2021
21	Mr MS Swami	Assistant Professor	FDP on biomass to fuels, chemicals and value added products for sustainable energy and environmental future	20-12-2021 - 24-12-2021



22	Mrs M P Shah	Assistant Professor	STTP through ICT Mode on refresher course on matlab and labview applications in engineering	21-02-2022 - 25-02-2022
23	Mrs M P Shah	Assistant Professor	One week short term course on additive manufacturing and characterization	21-02-2022 - 25-02-2022
24	Mrs M P Shah	Assistant Professor	STTP through ICT Mode on refresher course on MATLAB and LABVIEW applications in engineering	21-02-2022 - 25-02-2022
25	Mrs M P Shah	Assistant Professor	Workshop on "Additive manufacturing : materials and applications	2/7/2022
26	Mrs M P Shah	Assistant Professor	Orientation / Refresher programme on "Advances in engineering"	08-12-2021 - 14 -12 -2021
27	Dr M R Dahake	Assistant Professor	Orientation / Refresher programme on "Advances in engineering"	08-12-2021 - 14 -12 -2021
28	Mr M P Bauskar	Assistant Professor	One week AICTE-ISTE Sponsored one week induction/refresher programme on "Advances in Engineering "	08-12-2021 - 14-12-2021
29	Mr M P Bauskar	Assistant Professor	One week FDP on "modern trends in engineering systems'	07-02-2022 - 11 -02-2022
30	Mr OA More	Assistant Professor	Short term course on "Mechatronics integrated technology for intelligent machines	14 -03-2022 - 19-03-2022
31	Mr OA More	Assistant Professor	One week AICTE-ISTE Sponsored one week induction/refresher programme on "Advances in Engineering "	08-12-2021 - 14-12-2021
32	Mr OA More	Assistant Professor	FDP on recent advancement in manufacturing processing	27-12-2021-31-12-2021
33	Mr G P Lohar	Assistant Professor	One week online AICTE-ISTE Sponsored refresher program on "Recent development in advanced materials"	03-05-2021 -08-05-2021
34	Dr. Mrs P S Gajjal	Associate Professor	workshop on intellectual property rights and IP man management for startups	27-04-2021 - 28-04-2021
35	Dr. Mrs P S Gajjal	Associate Professor	One week AICTE-ISTE Sponsored one week induction/refresher programme on "Advances in Engineering "	08-12-2021 - 14-12-2021
36	Mr R A Marne	Assistant Professor	Workshop for a subject design of transmission system	2/15/2022
37	Mr R A Marne	Assistant Professor	One week AICTE-ISTE Sponsored one week induction/refresher programme on "Advances in Engineering "	08-12-2021-14-12-2021
38	Dr. M M Sayyad	Assistant Professor	FDP on shape memory alloy modelling its applications to wearable devices and smart structure	03-01-2022-07-01-2022

39	Dr. M M Sayyad	Assistant Professor	Short term training program on numerical simulation application using commercial simulation software	21-02-2022 - 26 - 02-2022
40	Dr. M M Sayyad	Assistant Professor	One week AICTE-ISTE Sponsored one week induction/refresher programme on "Advances in Engineering "	08-12-2021 - 14-12-2021
41	Mr N N Gotkhindikar	Assistant Professor	FDP on modern trends in energy systems	07-02-2022 - 11-02-2022
42	Dr. D S Malwad	Assistant Professor	FDP on exploring the research in mechanical engineering	23-02-2022 to 27-02-2022
43	Dr. D S Malwad	Assistant Professor	Coursera "Crash course on python"	21-04-2022
44	Dr. D S Malwad	Assistant Professor	participation and presentation of the paper entitled A Review on the recent development in solar dryer	20 -05-2022
45	Dr. D S Malwad	Assistant Professor	Short term training program on NBA accreditation and SAR preparation	03-01-2022 - 07-01-2022
46	Dr. D S Malwad	Assistant Professor	One week AICTE-ISTE Sponsored one week induction/refresher programme on "Advances in Engineering "	08-12-2021 - 14-12-2021
47	Mr. Shahid Ali	Assistant Professor	International workshop on solar thermal energy storage	13-12-2021-14-12-2021

## 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 Couse	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,Entrepreneurship & Startup Week" (Webinar)	AISSMS COE	11th Oct 2021
24	N N Gotkhindikar	Quiz on India at olympics	AISSMS COE	27.07.2021
25	N N Gotkhindikar	Two Days Hands-on Workshop on Machine Learning	AISSMS COE	31.08.2021-01.09.2021
26	N N Gotkhindikar	Webinar on Current scenario in India	AISSMS COE	05/10/2021
27	N N Gotkhindikar	Webinar on AUTOMOTIVE INDUSTRY TRENDS AND CHALLENGES	AISSMS COE	10/07/2021
28	N N Gotkhindikar	Webinar on Innovation in Technology Adoption and Development of High Precision Slipring: A Case Study	AISSMS COE	18/07/2021
29	N N Gotkhindikar	Webinar on OBE in pursuit of academic excellence	Karpagam university	24/06/2021
30	N N Gotkhindikar	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 Enhancing 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	<b>11 12 Dec 2021</b>
37	Shahid Ali	NPTEL E –Awareness Workshop	IIT Madras	<b>17 Nov 2021</b>
38	G.P.Lohar	"Electric Vehicle-Future Scope and Challenges"	Dr. D. Y. Patil Institute of Technology  Pimpri, Pune-18	<b>14th to 18th September 2021.</b>
39	Dr. M. S. Deshmukh	"Developing a Culture of Innovation"(webinar)	AISSMS COE	15th Sept 2021
40				

## 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	Mattest Research Academy,	28-29-30 January 2022.

		Manufacturing Systems	Chennai, Tamil Nadu, India,	
2	M P Bauskar	Published Research Paper in Conference NCJET 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 TIRUCHIRAPPALLI	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 N Gotkhindikar	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	Manipal Institute of	25/10/2021 to

		advancements in sustainable energy storage and conversion	Technology	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 <a href="#">Mangesh Phate</a>	Expert Session on "Research Scope for Engineering Students"	Zeal College of Engineering & Research, Pune	11/09/2021
5	Dr <a href="#">Mangesh Phate</a>	<p>Expert Session in Five Days <b>Faculty Development Program</b> on</p> <p>Experimental Data "Based Model(EDBM):- (An Effective Research Approach) "</p> <p>Under AISSMSCOE's Faculty Development Cell</p>	AISSMSCOE, PUNE	26/11/2021



	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 <a href="#">Mangesh Phate</a>	Expert Session on "Scope of the Design of Machine Elements with Real time Applications and	Zeal College of Engineering & Research,Pune	22/01/2022

		Opportunities in the Industry		
2	Dr <a href="#">Mangesh Phate</a>	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 Raisonni 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 (felicitatation 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/Sym posium	Duration / Dates	No. of Participant s	Funding Agency (If any) and Amount (Rs.)
01	Dr Mangesh R Phate	AICTE-ISTE Sponsored One week (6 days) online Induction/Refreshe r Program on 'Advances in Engineering'@ Institute Level	08/12/20 21 to 14/12/20 21	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/Sym posium	Duration / Dates	No. of Participant s	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; First Mission Director, Atal Innovation Mission (AIM) and Additional Secy Niti Aayog.	15/09/2 021	150	AISSMSCOE
02	Dr S H Wankhade	National Level Event on 'India in 2040-CD/Soap	13/10/2 021 - 21/10/2	20	AISSMSCOE

		Art'	021		
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 N Gotkhindikar	Career opportunities after BE Mech and Gate 2022	02/12/2021	64	NA
05	N N Gotkhindikar	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 <sup>th</sup> 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 N Gotkhindikar	Importance of Aptitude for campusing	24/03/2022	68	IMEch E ,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	1st April 2022	82	AISSMS COE

		Development			
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 Participants	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 beneficiaries
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 beneficiaries
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

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 students for upgrading themselves.	Dr Rakesh Himte	17 <sup>th</sup> March 2022 @ 09:00 am	92

### 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 )	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,	155

		sandwich coordinator, CIP head and Examination coordinator.	
		Suggestions from parents were collected during meeting as well as feedback link is shared with parents	

### 3.9 ALUMNI MEET

Faculty Coordinator	Day and Date	Details of Alumni meetings organized	Number of Alumni attended
Dr.A.V. Waghmare Dr.S.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.Nainish Tikoo 2.Mr.Supreet Upadhyay 3.Mr.Munaf Abdul Tisekar	All three alumni interacted with students and faculties of the department in	Saturday 14/08/2021 .	78

	Coordinator- Prof. M.M. Kondhare, Media Team and Prof.S.R.Patil	the prog.of “Coffee and Conversation with Alumni”.		

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

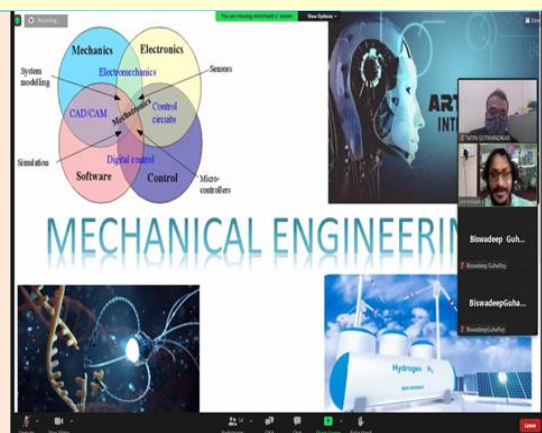
Number of students referred for counselling

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

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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)



### AISSMS

**COLLEGE OF ENGINEERING**  
ज्ञानम् सकलजनहिताय

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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+)

**Webinar Registration Details:**




**Expert Lecture on  
"Injection Molding of Plastics"**

**Saturday, 27/05/2022 at 10.30 AM -12.30 PM**

**Organized by**  
**Department of Mechanical Engineering**  
 AISSMS College Of Engineering, Pune - 01  
 Phone No. +91-20 2605 7660 / 2605 8587  
 Website: www.aiissmscoe.com

**Resource Person**

**Mr Ravindra B Patil**  
 Sr Manager, Product Development  
 (CAE and Validation)  
 SMRC India Pvt. Ltd, Pune



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.

He has completed his BE (Mechanical) from Kolhapur University and ME (Design) from VIT Pune, SPPU. His expertise include structural analysis of automotive interiors.

**Dr. D Y Dhande**  
[dydhande@aiissmscoe.com](mailto:dydhande@aiissmscoe.com)  
**Webinar Coordinator**

**Mr. P.V.Deshmukh**  
[pvdeshmukh@aiissmscoe.com](mailto:pvdeshmukh@aiissmscoe.com)  
**Webinar Coordinator**

**Dr. B. D. Bachchhav**  
**Head, Mechanical Engineering Dept.**

**Dr. D. S. Bormane**  
**Principal**

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



### AISSMS


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(Accredited by NAAC with grade A+)

**General Knowledge Quiz on "India at the Olympics"**  
 Academic Year 2021-2022

**Certificate of Participation**

This is to certify that Shubham Vitthal Bandekar from AISSMS College of Engineering, Pune has participated in general knowledge quiz on "India at the Olympics" organized by the Department of Mechanical Engineering, AISSMS College of Engineering, Pune-01.

  
**Dr. C S Choudhari**  
 Coordinator

  
**Dr. B D Bachchhav**  
 Head of Department

  
**Dr. D S Bormane**  
 Principal

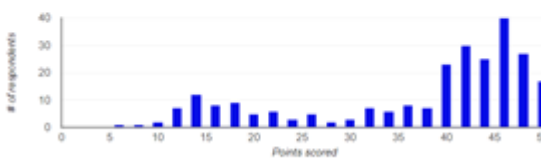
**Insights**

**Average**  
37.02 / 50 points

**Median**  
42 / 50 points

**Range**  
6 - 50 points

Total points distribution



## National level online quiz on " India at Olympics" during 24 July 2021 - 08 August 2021





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:** 7<sup>th</sup> September 2021, 10.00 am to 12.00pm

**Venue:** Online (Microsoft Teams)

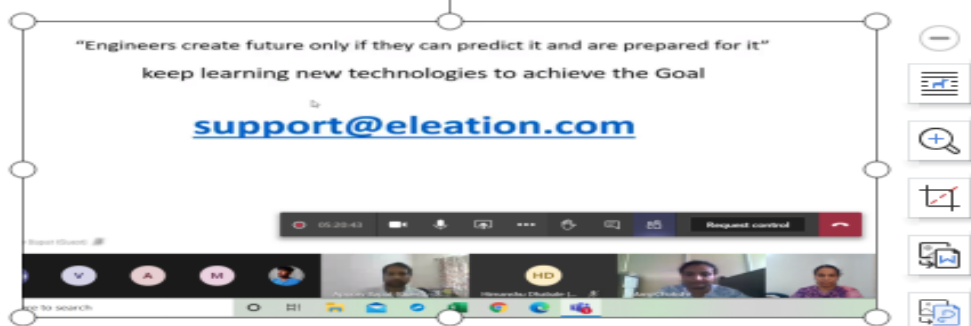
**Coordinator:** Prof m P Shah, Prof A T Thombare, Prof M U Gan

**No. of students Present:** 110

**Outcome:**

Understanding basics of CAD and CAE

**Glimpses/Photograph of the event:**





## 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:** 17<sup>th</sup> 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

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(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 A Apte	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 A Apte	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 incineration plant used in marine vessels	2021	11th International conference on Sustainable Waste Management and Circular Economy & IPLA Global Forum 2021 during December 01-04 , 2021		International Society of Waste Management, Air and Water

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, Yadnik Kude	Design of Planetary Gear Geared Rotary Actuator	2021	IOP: Material and Engineer	doi:10.1088/1757-899X/1170/1/012005	IOP Science

5	P S Gajjal	Paper on wind load estimation and truss optimization of parabolic radio 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 Performance Fuelled with various Pomegranate Ethanol-Gasoline Mixtures	2021	Journal of The Institution of Engineers (India): Series C	Print ISSN :2250-0545 Online ISSN:2250-0553	Springer
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,	Prediction of spark ignition engine performance	2022	Vol 40, issue 2, 2022	Print (ISSN) 1091-6466 Online (ISSN) 1532-2459	Petroleum Science and technology, Taylor & Francis

	Nazaruddin Sinaga & Kiran B. Dahe	with bioethanol-gasoline mixes using a multilayer perception model				
2	Mangesh R Phate	Analysis of Seat to Head Transmissibility of the Seated Human Body using Artificial Neural Network	2022	Published	[2250-0545]	Springer. Institution of Engineers, India Series C
3	Mangesh R Phate	Multi-response Optimization and Analysis of Al/B4Cp 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	<a href="https://doi.org/10.1007/s00419-022-02134-0">https://doi.org/10.1007/s00419-022-02134-0</a>		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, Yadnik Kude	Mathematical Model of Planetary Gear Train for Geared Rotary Actuator International	2022	Vol. 7 No. 4 April, 2022, Pp 619 – 624, ISSN: 0974-5823	International Journal of Mechanical Engineering,  Vol. 7 No. 4 April, 2022, Pp 619 – 624,	International Journal of Mechanical Engineering



					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	<a href="https://doi.org/10.1108/ILT-12-2021-0469">https://doi.org/10.1108/ILT-12-2021-0469</a>	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	<a href="https://doi.org/10.1108/ILT-05-2021-0157">https://doi.org/10.1108/ILT-05-2021-0157</a>	Industrial Lubrication and Tribology, Vol. 73 No. 7, pp. 1074-1083
10	Ashishkumar Gavande S.R.Patil	Manufacturing and Testing of an Infinitely Variable Transmission (IVT) Test Rig	2022	Vol.XV & Issue No.06	Print, ISSN 0970-2555	Industrial Engineering Journal
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 Gaikwad	Development of Artificial Neural Network to predict the performance of Spark Ignition Engine fueled with waste pomegranate ethanol blends	2022	Information Processing in Agriculture	2214-3173	Elsevier BV
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	2022	Journal of The Institution of	Print ISSN :2250-0545	Springer

		Tolerance to obtain selective assembly from partitioned bins using a multi-objective approach to control clearance variation of IC Engine		Engineers (India): Series C	Online ISSN:2250-0553	
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	Springer
16	N N Gotkhindikar 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, Ashishkumar Gavande	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 30<sup>th</sup> May)

Name of faculty	Citations, h-index, i10 index	Name of faculty	Citations, h-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 N Gotkhindikar	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 Rehabilitation	Suyog B. Bhale
02	Dr B D Bachchhav	Tribological Behavior of Al6061-SiC Hybrid MMC	Viraj Prabhu

<b>03</b>	DR D Y Dhande	"Design and Development of Harmonic Gear Drive Using Additive Manufacturing"	Utkarsh Rathod
<b>04</b>			

#### 4.9 PhD GUIDE DETAILS

<b>Name of Faculty who are PhD Supervisor</b>	<b>Number of Scholars Registered</b>
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)

<b>Sr No</b>	<b>Name of Supervisor</b>	<b>Title of Thesis</b>	<b>Name of Candidate</b>

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 Mr G P Lolhar	TE M B	Vertex Infracore Solutions Pune	04/05/2022
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	25/12/2021

				real world mechanical engineering design challenges	
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 A Tonde/ 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 Systems	19/11/2021

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	Sanitek Plasto Weld Pvt Ltd
6	N N Gotkhindikar	Design and optimized new bins & large containers for waste collection	TCS
7	Dr.S.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 (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	Seinumero Nirman 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

### 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	Rutuja Kank	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 sahebrao borade	Shaurya motors pvt .Ltd nashik	TE A	1/1/2022	31/1/2022	30
12	Nitesh umesh pampatti war	Sai auto (Toyota pro service)	TE B	3/1/2022	4/2/2022	31
13	Vijay Dattatraya Takmoge	Shree Ramkrishna dies and tooling	TE B	24/12/21	24/1/22	30
14	RAHUL MURLIDHAR KOKANE	Ammunition factory khadki, Pune	TE A	10/01/2022	09/02/2022	30
15	Vedant Aher	Brose India Pvt Ltd	TE A	13/12/2021	28/01/2022	46
16	GANESH KHANDALKAR	YBI FOUNDATION	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	DYEGLO PVT. LTD.	TE B	16/12/2021	16/01/2022	32

	Ramchandra					
21	Shree Rajaram Khopade	Nilesh Fabricators	TE A	01/01/2022	31/01/2022	31
22	Nikhil Santosh Bundeale	Nikhil Santosh Bundeale	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	SHAMBHURAJ 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	Palange Sejal Devraj	Avi Enterprises	TE B	13/01/22	14/02/22	33
30	Prachi Baban Pandhare	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	Rawool Sanyogita 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 Sarvesh Dinkar	SHREE MOTORS	TE B	03/01/2022	03/02/2022	30
40	Sanskar sunil fursule	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 Pralhad Landge	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 Mainoddi n	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 Baban Kharat	Eleation Institute Pune	TE A	15/12/2021	29/01/2022	45
50	Siddiqui Faizan Babaruddi n Siddiqui	RS Engineering Industries	TE B	03/01/2022	04/02/2022	30
51	LANDAGE SHUBHAM PANDURANG	RIETER INDIA PVT. LTD.	TE A	05/01/2022	05/02/2022	32
52	Dhobe Manthan Bhausahab	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 Nishandatt	Salasar Mahindra Autocraft pvt. ltd	TE B	01/01/2022	31/01/2022	31
57	Sunayana Khandu 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 shankar ghorpade	Garaware fulflex india pvt ltd	TE A	05/02/2022	05/03/2022	28
62	Ashwathi Maniyath	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	Vedant Ramesh Rao Godbole	Endurance Technology Pvt. Ltd.	TE A	07/01/2022	05/02/2022	28
66	Rajwardhan wagh	PRMOLC INDUSTRIES	TE B	17/1/2022	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	TE B	17 Jan 2022	17 Feb 2022	23

		VECHICLEADES PVT LTD				
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	Tanishq Badegar	InfinityX Tech Systems pvt Ltd	TE A	14/01/ 2022	14/02/ 2022	30
79	SAMARJE ET AHERRAO	ORACLE PRESSCOMPS AND ENGINEERING 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 Parimal Bhowmic k	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	Atharv Shrirang Jadhav	KAIVALYA ELECTRICALS PVT. LTD.	TE A	05/01/ 2022	05/02/ 2022	30
85	Avanti Narendra Waghmar e	Kartik Industries	TE B	01/01/ 2022	31/01/ 2022	31
86	Atharva pravin pakhode	Spirotech heat exchangers pvt. Ltd	TE B	27/12/ 2021	23/01/ 2022	29
87	Sreyesh Chandras hekhar 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	Sharang Purwant	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	Parth Jivaraj 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	PADMAVATI INDUSTRIES	TE B	27/12/2021	22/01/2022	28
100	Atish Machindra Saste	Padmavati Industries,Dhayari	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	Sharv polyplast pvt ltd.	TE A	09/01/2022	10/02/2022	30
105	Lalikar Tejas Tukaram	Shivraj Heavy Engineering pvt. Ltd. Dehu- Yelwadi Road, Yelwadi Tq:khed, Dist:pune	TE A	01/01/2022	31/01/2022	31



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	Heramb Siddheshwar Khandve	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	03/01/2022w	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	Inypco Macmold 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	DESHMU KH RAJESHWARI SATISHRAO	SANGAMNER TALUKA SAHAKARI DUDH SAHG 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 nashik	TE A	8/1/2022	8/2/2022	30
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 Navnath Ghalmel	PROTO-D ENGINEERING PVT LTD CHAKAN	TE A	01/02/2022	05/03/2022	31
128	Ghadge Jalindar Radhakishan	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, KNorr Bremse 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. Rahjesh Nehete 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			
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 (J & K)	Tata Motors (PVBU)	44	KHANDELWAL SURAJ NANDKISHOR	Knorr-bremse technology center India pvt.ltd.
4	ANUJ SUNIL MISAR	Tata Motors ERC, Pune	45	KHEDKAR SUDARSHAN RAJENDRA	Burckhardt Compression 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 Equipments. Pvt. Ltd
7	BHALERAO PRIYANKA ANIL	Siddhi Vinayak Engineering	48	LODH VIHANG UDAY	WinOne product technologies pvt. Ltd.
8	BHAMBAL MONALISA ALEX	Transfilter Services	49	LONDHE NEHA SATISH	siddhakala Engineers

9	BHASME RUSHIKESH SANJAY	Farmking Agro Industry	50	MOGHE ATHRVA SHASHANK	Wika Instruments 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	Thermotech systems limited
14	BOGAWAT CHIRAG TUSHAR	Sarita Industry	55	MUSAI SARVESH SANJAY	Knorr Bremse TCI
15	BOGAWAT KARAN ATUL (TFWS)	Sarita Industry	56	NAGARALE ASHUTOSH RAJENDRA	Suntech Landriani 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 Engineering India Pvt Ltd
18	CHAUDHARI NEHA MANOHAR	Knorr-Bremse TCI	59	NIRANJAN NITIN POLEKAR	Nikhtish Engineering 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	Suntech Landriani 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	Vimalsonic s Pvt.ltd
24	GAIKWAD ASHUTOSH YESHWANT	Sandvik Mining and Rock Technology	65	PAWAR ARYADIT ANIL	Patil Automobile s
25	GAIKWAD HARSHAL ARVIND	Sandvik Mining and Rock Technology	66	RATHOD GAURAV PRAKASH	Jhurbi metrology and consultants
26	GAIKWAD SHUBHAM BHARAT	virtual simutech Pvt.ltd.	67	RAUL POOSHAN VIJAY	Attaquant Enterprises Pvt Ltd.
27	GAURAV JOSHI	Tata Motors, Pune	68	SANDHIYA ANBAZHAGAN	Precision Pressing Manufactur ers
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 (PVBV)	71	SHRIVAS NAYAN UDAY	Neel Metal Products ltd
31	GITE SANJANA SANJAY	Mettechnik	72	SURYAWANSHI DEVENDRA SHARAD	KNORR- BREMSE Systems for Commecia l vehicles india
32	GOSAVI VISHAL VIJAY	M.G. Industries	73	TANTAK SAKSHI RAJESH	Precision Pressing Manufactur ers
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	Warade PackTech Private Limited

35	HIREMATH VIVEK VIJAYMAHANTESH	TCL	76	VANBHANE TEJAS BALU	WillPro Technologi es
36	JIWADE ANIKET CHANDRAKANT	FORCE MTU ROLLS ROYCE	77	VARUN PRAMOD MORE	TATA motors (PVBV)
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	castell 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
		<b>TE MECH SW TERM II</b>			
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	48	PRAJAPATI GIRISH LAXMAN	The kothari wheels

		Limited.			
8	KHARADE YASH UTTAM	Setco Spindles India pvt. limited	49	AHER ADINATH SUBHASH	<b>Burckhardt compression INDIA Pvt.ltd.</b>
9	SHELAR SNEHA RAMCHANDRA	Stead Solve	50	SHINDE PRASAD CHANDRAKANT	Pioneer Technology and Product Development 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 Ptv Ltd(A. K engineers)
17	KARANDE ATHARAV ABHIJEET	Tata Motors Limited, Pune	58	CHAUDHARI JAYESH SANJAY	IAC International 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	bhagyalaxmi enterprisees,pune	60	PATIL SAURABH SARJERAO	Shriram Foundry Pvt.Ltd.
20	PAWAR AMISHA RAJKUMAR	Ravi industries	61	GAIKWAD ROHIT RAHUL	Precision Pressing Manufacturer s
21	BHADANE JAGRUT RAVINDRA	Knorr-Bremse TCI	62	SHAIKH ADIL ANWAR	Precision Pressing Manufacturer s
22	CHAVAN ABHISHEK SANTOSH	Knorr-Bremse TCI	63	LUNGARE TEJAS SIDDHESHWAR	R.K. ENTERPRISE S
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)	Fligen Systems 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)	Cpc Precipart Pvt Ltd	72	POKALE RUJAL MANISH	Nikhtish Engineering Pvt. Ltd
32	TELPANDE SARTHAK NITIN	Cpc Precipart 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 Ficos 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**

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# **6.STUDENTS' ACHIEVEMENTS**

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

<b>Term One</b>		
<b>Name of Student</b>	<b>Details of Achievement (State/University/National/International Level)</b>	<b>Remark (Domain)</b>
Omkar Khot SE (Mechanical)	Unleash-ORF India hackathon 2021 Winner. Theme of "Air Pollution"	United Nations Sustainable Development Goals; selected for grand finale
Divya Dhamal, Tejas Lot, Vinaya Gholap, Pratip Kenche	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		
Aashutoshsingh Pardeshi		
Abhishek Chavan	EOT cranes in 2030-Generative Design for EOT cranes	Konecranes
Ameya Gandhi		
Omkar Khot	Vista 2021 at IIM Bangalore	Participation

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

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

Term One		
Name of Student	Details of Achievement (State/University/ National/International Level)	Remark ((Domain)
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 DATTAPRASA D 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	Lorel 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 Sw Lower 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	Sumit Bendale	IELTS	308445
3	Neemesh Nanaware	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		
Aryesh Uttekar		
Shaunak Limkar		
Gaurang Gujrathi		

## 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	<b>stood first in Technical Presentation, m-Baja Static event</b>	Technical
	Dr A V Waghmare	<b>2nd runner up - Manufacturing Award, International Aerodesign competition</b>	Technical
	Dr A V Waghmare	<b>1st runner up, REEV Virtuals 2022</b>	Technical
Team Garudashwa	Dr D Y Dhande	<b>Overall- Globally 2nd in SAE International Advanced Class</b>	Technical
Team Garudashwa	Dr D Y Dhande	<b>Design Report- Globally 1st in SAE International Advanced Class</b>	Technical
Team Garudashwa	Dr D Y Dhande	<b>Technical Presentation- Globally 4th in SAE International Advanced Class</b>	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. No.	Details
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
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## 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
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
<b>Academics and overall profile of Department</b>	1. Three faculty members got PhD recognition from SPPU in AY 21-22 2. Effective online teaching Learning process
<b>Organization of different activities</b>	Organised following activities during AY 2021-22 and beneficiaries Webinars Faculty development program 4 day online training program Quiz Alumni Interaction Expert talk
<b>Research and Innovation</b>	Journal Papers Conference Papers Books FDP Webinar/Seminar Consultancy testing
<b>Industry institute Interaction</b>	Increased number of MoU. Increased Industry Visits.
<b>Students' Achievements</b>	Participation in National and International events

### SUMMARY SHEET (Annual)

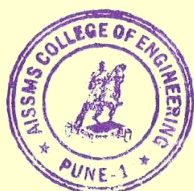
Sr No	Activity/ Item	Numbers
<b>PROFILE OF DEPARTMENT</b>		
01	Students in the department	833
<b>FACULTY CONTRIBUTION</b>		
02	e content developed by faculty and available online	1
03	Number of FDP/STTP attended by the department faculty	77
04	Number of Seminars/ workshops/ webinars attended by the department 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
<b>ACTIVITIES ORGANISED</b>		
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	
<b>RESEARCH CONTRIBUTION</b>		
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	-
	<b>INTERACTION WITH INDUSTRY</b>	
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.

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**PRINCIPAL**  
 ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
 COLLEGE OF ENGINEERING  
 KENNEDY ROAD, PUNE-411 001

  
**Head of Department**  
**Mechanical Engineering**  
**AISSMS, COE, PUNE.**