



DEPARTMENT OF MECHANICAL ENGINEERING
ANNUAL REPORT

01 July 2019 to 31 December 2019

First Half: 01 July 2019 to 31 December 2019

Second Half: 01 January 2020 to 30 June 2020

INTRODUCTION

Year of Establishment	1992
UG Programmes	Mechanical – 1992, Mechanical SW - 1994
PG Programmes	ME (Automotive)- 2010 , ME (Design) - 2014
Number of Teaching Staff	31
Number of Non-Teaching Staff	09

LABORATORIES IN THE DEPARTMENT

Sr.No.	Name of the Laboratory	Sr.No.	Name of the Laboratory
1	Heat Engines Lab	12	CAD Lab
2	Metallurgy Lab	13	CAE Lab
3	Heat Transfer Lab	14	Computer Graphics Lab
4	TOM Lab	15	Computer Centre
5	DOM Lab	16	BME Lab
6	Drawing Hall	17	Central Facility
7	Fluid Machinery Lab	18	Mechatronics
8	Fluid Power Lab	19	Automotive System Lab
9	RAC Lab	20	Automotive Chassis Lab
10	MQC Lab	21	PG Software Lab Auto
11	In-house Project	22	PG Design Lab

SOFTWARES AVAILABLE IN THE DEPARTMENT

S N	Softwares Available	S N	Softwares Available
1	PRO/E WILDFIRE 4.0	7	Master CAM X 9
2	MatLab 7.0 Common	8	Auto Desk Product AutoCAD 2009
3	MATLab 10 Common	9	Altair Hyper Works 125 Hyper
4	ANSYS Software 13.0	10	MSC ADAMS software 5 users
5	Matlab 16 B Academic version	11	MATLAB R2014a
6	ANSYS Software 16.02		

FACULTY IN THE DEPARTMENT

Sr No	Name of the staff	Designation	Sr No	Name of the staff	Designation
1	Dr B D Bachchhav	Professor	17	Mr O A More	Asstt Prof
2	Dr A V Waghmare	Asso Prof	18	Mrs A T Thombare	Asstt Prof
3	Dr D Y Dhande	Asso Prof	19	Mr M S Swami	Asstt Prof
4	Dr M R Phate	Asso Prof	20	Mr G P Lohar	Asstt Prof
5	Dr Mrs P S Gajjal	Asso Prof	21	Mrs M P Shah	Asstt Prof
6	Dr M S Deshmukh	Asso Prof	22	Mr M R Dahake	Asstt Prof
7	Dr S V Chaitanya	Asstt Prof	23	Mr M P Bauskar	Asstt Prof
8	Mr S R Patil	Asstt Prof	24	Mr V S Wagare	Asstt Prof
9	Mr P V Deshmukh	Asstt Prof	25	Mr K L Kumbhar	Asstt Prof
10	Dr C S Choudhari	Asstt Prof	26	Mr S S Vadgeri	Asstt Prof
11	Mr A P Desale	Asstt Prof	27	Mr D S Mane	Asstt Prof
12	Mr R A Marne	Asstt Prof	28	Miss S S Patil	Asstt Prof
13	Dr C S Dharankar	Asstt Prof	29	Mr N N Gotkhindikar	Asstt Prof
14	Dr S J Navale	Asstt Prof	30	Mr A R Takalkar	Asstt Prof
15	Mr M U Gan	Asstt Prof	31	Mr K S Kolambe	Asstt Prof
16	Mr P S Aglawe	Asstt Prof			

DETAILS OF SUPPORTING STAFF

Sr No	Name of the Technical staff	Designation
1	Mr.D.S.Kulkarni	Tech Asstt
2	Mr.S.K.Jogdand	Lab Asstt
3	Mr.A.A.Jachak	Lab Asstt

Sr No	Name of the Non teaching staff	Designation
1	Mr.G.B.Mate	Attendent
2	Mr.R.D.Nalavade	Attendent
3	Mr.P.D.Mahajan	Attendent

4	Mr Pramod Pharande	Attendent
5	Mr Sachin Waghmare	Attendent
6	Mr Rajesh Amolik	Attendent

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	28	04	11	0	00	0	2	0			25	5	92	15
UG (Mech) Division II	Above data includes DivI & II													
UG (Mech SW)	20	2	6	0	0	0	1	1			13	0	49	3
PG (Auto)	4	0												
PG (Design)														

Students–Faculty Feedback Details **(*) (Not to be included in annual report)**

Sr No.	Name of faculty	Class and Subject taught	Feedback (I) (%)	Feedback (II) (%)	Average Feedback (%)
1	Dr B D Bachchhav	Metrology & QC (TE M A)	80	85	82.5
2	Dr A V Waghmare	BE Mech (A) Hydraulics & Pneumatics	81	85	83
	Dr A V Waghmare	BE Mech (B) Hydraulics & Pneumatics	76	79	77.5
3	Dr D Y Dhande	Applied Computer Aided Engineering (TE Mech SW)	93	93	93
4	Dr M R Phate	BE (Mech B) Operation Research	96	97	96.5
5	Dr Mrs P S Gajjal	Strength of Materials	79	88	83.5
6	Dr M S Deshmukh	ET	89	92	91
		EAM	88	93	91
		RAC TE B	87		87
7	Dr S V Chaitanya	Operations Research	82	83	82.5
8	Mr S R Patil	Design of Machine Elements I TE Mech.B	82	91	86.5
9	Mr P V Deshmukh	BE Mech (B)	78	79	78.5

		CAD/CAM and Automation			
10	Dr C S Choudhari	Refrigeration and Air Conditioning Div SW	88	90	89
11	Mr A P Desale				
12	Mr R A Marne	Machine Design TE Mech Sand	92	95	94.5
13	Dr C S Dharankar	BE Mech (A) Dynamics of Machinery	87	88	87.5
14	Dr S J Navale	Heat Transfer TE Mech	79	85	82
15	Mr M U Gan	T E AND B MECH A Turbo Machines	88	87	87.5
16	Mr P S Aglawe	BE Mech (A) CAD/CAM & Automation	89	88	88.5
17	Mr O A More	T.E.MS Mechatronics	87	88	87.5
18	Mrs A T Thombare	TOM II TE A	83	86	84
	Mrs A T Thombare	TOM II TE B	78	82	80
19	Mr M S Swami				
20	Mr G P Lohar	TE SE MECHSAND	82	80	81
21	Mrs M P Shah	FEA	85	82	83.5
22	Mr M R Dahake	Heat Transfer TE M B	82	86	84
23	Mr M P Bauskar	TE Mechanical B MQC	83	88	84
24	Mr V S Wagare	TE MS NMO	87	90	88.5
25	Mr K L Kumbhar	SE Mech S/W Fluid Mechanics & Machinery	81	87	84
26	Mr S S Vadgeri	BE Mech (B) Dynamics of Machinery	87	88	87.5
27	Mr D S Mane	Manufacturing Processes I	82 77	82 80	82 78.5
28	Miss S S Patil	Design of machine elements	82	81	81.5
29	Mr N N Gotkhindikar	SE Mech S/W Material Science and Metallurgy	88	91	89.5
30	Mr A R Takalkar				
31	Mr K S Kolambe	SE Mech (S/W) Strength of Materials	77	83	80

RESULT ANALYSIS (LAST TERM)

Sr No.	Name of faculty	Class and Subject Taught	% passing	Sr No.	Name of faculty	Class and Subject Taught	% passing
1	Dr B D Bachchhav	TE Mech (A) MQC	93.75	17	Mr O A More	TE Mech(A)- Mechatronics	98.48
						TE Mech (B)- Mechatronics	98.51
2	Dr A V Waghmare	BE Mech (A) Hydraulics & Pneumatics	90.1	18	Mrs A T Thombare	TE A TOM II	93.75
		BE Mech (B) Hydraulics & Pneumatics	97.1			TE B TOM II	80.6
3	Dr D Y Dhande	DME II	90.28	19	Mr M S Swami	SE MECH A MS SE MECH B MS	84 86
4	Dr M R Phate	Operation Research (BE B)		20	Mr G P Lohar	SE Mechsand	87
5	Dr Mrs P S Gajjal	Strength of Material SE A	67	21	Mrs M P Shah	BEM A EL-1-Finite Element Analysis	80.3
						BEM B EL-1-Finite Element Analysis	84.1
6	Dr M S Deshmukh	ET EAM RAC	95.31 97.14 98.55	22	Mr M R Dahake	HT TE M B	78
7	Dr S V Chaitanya	Operations Research	94.11	23	Mr M P Bauskar	MQC TEMB	88
8	Mr S R Patil	Design of Machine Elements I TE Mech.B		24	Mr V S Wagare	TE Mech SW- NMO	90.48
9	Mr P V Deshmukh	BE Mech (B)	98.6	25	Mr K L Kumbhar	SE Mech S/W	

		CAD/CAM and Automation				Fluid Mechanics & Machinery	
10	Dr C S Choudhari	Heat Transfer	77.78	26	Mr S S Vadgeri	BE Mech (B) Dynamics of Machinery	87
11	Mr A P Desale			27	Mr D S Mane	Manufacturing Processes I	
12	Mr R A Marne	Machine Design TE Mech Sand	80	28	Miss S S Patil		
13	Dr C S Dharankar	BE Mech (A) Dynamics of Machinery	92	29	Mr N N Gotkhindikar	SE M/S Material Science and Metallurgy	
14	Dr S J Navale	Heat Transfer TE Mech A	81.25	30	Mr A R Takalkar		
15	Mr M U Gan	Turbo machines (T E A) Turbo machines (T E B)	77 79.1		Mr K S Kolambe	SE M/S Strength of Materials	
16	Mr P S Aglawe	Cad Cam & Automation BE Mech B	98.6				

Class Result Analysis (LAST TERM) May 2019

S N	Class	No. Of Students										Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9-10)	Excellent (A+) (8.5-8.99)	Very Good (A) (7.5-8.49)	Good (B+) (6.5-7.49)	Above Average (B) (5.5-6.49)	Average (4.25-5.49) Class	Pass Class (4-4.24)	Fail (F) 0-3.99	All Clear	With ATKT
1	SE (M) A	74	41	1	1	7	22	3	7		5	47.22	91.67
2	SE(M) B	80	40	1	3	15	21				7	62.12	93.94

3	TE(M) A	72	41	1	5	18	13	4				56.94	95.83
4	TE(M) B	73	48	1	7	20	15	5				65.75	97.26
5	BE(M) A	66	65	1	7	31	19	2	5		1	98.48	
6	BE(M) B	56	55	1	13	23	17	1			1	98.21	
7	SE (MS)	66	35	1	2	11	17	4			31	53.03	100
8	TE (MS)	61	43	0	13	28	2					70.49	93.44
9	BE (MS)	69	67	4	7	31	19	6				97.10	

UNIVERSITY RANKERS (LAST ACADEMIC YEAR)

Sr No	Name of the Ranker	Class	Rank

ACHIEVEMENTS OF FACULTY (AWARDS, RECOGNITION, PHD COMPLETION ETC.)

SN	Name of Faculty	Awards & Recognition
1	Dr S V Chaitanya	PhD Completed

CONTRIBUTION OF FACULTY (Interaction with the outside world)

SN	Name of Faculty	Nature and details of contribution (Representation at University, State, National , International level)
1	Dr A V Waghmare	Member, Board of Studies, Automobile and Mechanical Engineering, SPPU, Pune
2	Dr A V Waghmare	Member, Engineering Education Board, SAEINDIA
3	Dr A V Waghmare	Convener, Student Convention, SAEINDIA WS
4	Dr A V Waghmare	Worked as a committee member at various levels of SPPU

5	Dr B D Bachchhav	Member, Board of Studies, Mechanical and Materials Technology, SPPU, Pune.
6	Dr D Y Dhande	Editorial Board Member, Nanoscience and Nanotechnology, Whioce Publications, Singapore
7	M P SHAH	Subject Chairman

FUNDED RESEARCH PROJECT

S N	Principal Investigator	Title of the Project	Amount Received (Rs)	Funding Agency
1	Dr B D Bachchhav	Tribological Performance Evaluation of Non-asbestos organic Brake Pad Materials	25000/-	IE(I) R&D Cell
2	P V Deshmukh	Wind Analysis of Canopy, Pitch-roof and Square Tall Building with Different Shape Using Wind Tunnel and CFD	20000	IEI R&D Cell Technical Department The Institution of Engineers (India)

FDP/STTP/SEMINARS/CONFERENCES/WORKSHOPS/ SYMPOSIUMS

ORGANIZED BY THE DEPARTMENT (For Faculty)

S N	Name of Coordinator/s	Title of the FDP/STTP/WS/Seminar/Symposium	Duration / Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)
1	Dr A V Waghmare	Baja SAEINDIA 2020 "Design Mega Workshop"	Sept. 14-15, 2019	76	SAEINDIA
2	Dr B D Bachchhav Dr A V Waghmare	Syllabus implementation workshop on "Systems in Mechanical Engineering"	July 8, 2019	110	SPPU, Pune
3	Dr A V	'Speak for India' a debate	August	130 and	Times Group

	Waghmare	competition. District level.	10 and 19, 2019	80	
4	Dr P S Gajjal and Dr A V Waghmare	AICTE sponsored one week STTP on, "Advances in Tribology"	4-9 Nov. 2019.	61	AICTE
5	Dr A V Waghmare and Prof A R Takalkar	Installation of 'Fluid Power Chapter'	Sept 30, 2019	57	Fluid Power Society of India
5	Dr. M S Deshmukh, Dr. D. Y. Dhande, Dr. M. R. Phate	International Conference on Mechanical Engineering for Sustainable development- ICMESD-2020	17-18 Feb 2020	67	QIP SPPU

**FDP/STTP/SEMINARS/CONFERENCES/WORKSHOPS/ SYMPOSIUMS
ATTENDED BY THE DEPARTMENT FACULTY**

S N	Name of Faculty	Title of the FDP/STTP/WS/Seminar/Symposium	Organized by	Duration and Date
1	N N Gotkhindikar	STTP-Advances in Tribology	AISSMS COE,Pune	4th to 9th Nov 2019(1 Week)
2	N N Gotkhindikar	FDP-Engineering Metrology	NPTEL	July to Oct 2019(1,5 Weeks)
3	R A Marne	FDP on "Awareness on open resource platform for online learning , research and self study"	AISSMS COE,Pune	4 october 2019
4	K.L.Kumbhar	One week AICTE Sponsored STTP-Advances in Tribology	AISSMS COE,Pune	4th to 9th Nov 2019(1 Week)

6	R A Marne	FDP on “Health awareness at workplace”	AISSMS COE, Pune	11 october 2019
7	M U GAN	FDP Heat Exchanger Fundamentals and Design Analysis	NPTEL	July to Oct 2019 (1.5 Weeks)
8	Dr S.J.Navale	FDP Heat Exchanger Fundamentals and Design Analysis	NPTEL	July to Oct 2019(1.5 Weeks)
9	Dr S.J.Navale	FDP IC Engines and Gas Turbines	NPTEL	Jan to April 2019(1.5 Weeks)
10	D S Mane	Syllabus Implementation for subject SME	AISSMS COE	8th July 2019
11	D S Mane	STTP: Advances in Tribology	AISSMS COE	4-9 November 2019(One Week)
12	D S Mane	FDP : Fundamental Of Manufacturing Processes	NPTEL	July to Oct 2019(1.5 Weeks)
13	S.R.Patil	FDP on “Health awareness at workplace”	AISSMS COE, Pune	11 october 2019
14	S.R.Patil	One week AICTE QIP STTP on “Conveyor Technology for Bulk Material Transport”	IIT,Kharagpur.	14 th to 20 th Oct.,2019
15	S.R.Patil	One week AICTE Sponsored STTP on “Advances in Tribology”	AISSMS College of Engineering, Pune	4 th to 9 th Nov.,2019
16	M P Bauskar	One week AICTE Sponsored STTP-Advances in Tribology	AISSMS COE,Pune	4 th to 9 th Nov.,2019
17	M P Bauskar	FDP on Introduction to Research	NPTEL	July2019 to oct 2019
18	M R Dahake	AICTE sponsored two week FDP on “Innovations in ICT Teaching Learning- A Step Towards Digital India”.	VIT Pune	26 th Nov 2019 to 06 th Dec 2019

19	A R Takalkar	STTP: Advances in Tribology	AISSMS COE	4-9 November 2019(One Week)
20	Dr. C S Dharankar	Workshop: Advances in Measurement and Analysis of Vibration and Noise	VIIT, Pune	9-10 Jan 2020 (Two days)
21	Dr. C S Dharankar	FDP on “Health awareness at workplace”	AISSMS COE, Pune	11 october 2019
22	O A More	Workshop: Advances in Measurement and Analysis of Vibration and Noise	VIIT, Pune	9-10 Jan 2020 (Two days)
23	O.A.More	FDP on “Health awareness at workplace”	AISSMS COE, Pune	11 october 2019
24	O.A.More	FDP on “Innovation by Design”	NPTEL	Aug2019to Sept 2019
25	Dr. M R Phate	FDP :Mathematical Modeling of Manufacturing Processes	NPTEL	July to Oct 2019(1.5 Weeks)
26	Dr. M R Phate	STTP :Problem Based Learning (ICT15)	SITS Narhe	02/12/2019-06/12/2019
27	S S Vadgeri	One week AICTE Sponsored STTP-Advances in Tribology	AISSMS COE,Pune	4th to 9th Nov 2019(1 Week)
28	S S Vadgeri	Syllabus Implementation for subject SME	AISSMS COE,Pune	8 th July 2019
29	S S Vadgeri	Symposium on Internet of Things (SIoT-2K19)	COEP	2 nd Nov 2019
28	S S Vadgeri	Outcome Based Education System	AISSMS COE,Pune	9-14 December 2019 (One Week)
29	M U GAN	FDP IC Engines And Gas Turbines	NPTEL	Jan to April 2019 (1.5 Weeks)
30	K L Kumbhar	Outcome Based Education System	ISTE	9-14 December 2019 (One Week)

31	K S Kolambe	Outcome Based Education System	ISTE	9-14 December 2019 (One Week)
32	V S Wagare	STTP: Advances in Tribology	AISSMS COE	4-9 November 2019(One Week)
33	V S Wagare	Outcome Based Education System	ISTE	9-14 December 2019 (One Week)
34	V S Wagare	STTP “Advances in Tribology”	IISC Bangalore	4-9 NOV.2019 (One Week)
35	Dr A V Waghmare	Online course on ‘Accreditation of Undergraduate Engineering Programmes’	Swayam	8 week
36	Dr A V Waghmare	Online course on ‘ICT in Teaching and Learning’	Swayam	8 week
37	Dr A V Waghmare	Online course on ‘Fundamental of Outcome Based Curriculum in Engineering Education’	Swayam	8 week
38	Dr P S Gajjal	AICTE sponsored two week FDP on “Innovations in ICT Teaching Learning- A Step Towards Digital India”.	VIT Pune	26 th Nov 2019 to 06 th Dec 2019
39	Dr P S Gajjal	FDP on Introduction to Research	NPTEL	July2019 to oct 2019
40	Dr D Y Dhande	STTP “Advances in Tribology”	IISC Bangalore	4-9 NOV.2019 (One Week)
41	Dr D Y Dhande	One week AICTE Sponsored STTP on “Advances in Tribology”	AISSMS College of Engineering, Pune	4 th to 9 th Nov.,2019
42	Dr D Y Dhande	Online NPTEL course on “Fundamentals of Surface	NPTEL (IIT, Roorkee)	July -Oct2019

		Engineering : Mechanisms, Processes and Characterizations”		
43	A T Thombare	One week AICTE Sponsored STTP on “Advances in Tribology”	AISSMS College of Engineering, Pune	4 th to 9 th Nov.,2019
44	M P SHAH(Chokshi)	One week AICTE Sponsored STTP on “Advances in Tribology”	AISSMS College of Engineering, Pune	4 th to 9 th Nov.,2019
45	A T Thombare	Online FDP on Product design using value engineering	NPTEL-AICTE	July-August 2019
46	M P SHAH(Chokshi)	FDP Course- Vision Mission PEO PSO PO CO : Framing, Mapping, Assessment and Attainment	AISSMS, COE (ISTE approved)	10th to 15th June 2019
47	M P SHAH(Chokshi)	FDP Course-Product Design & Development using Value engineering (Funded by MHRD)	NPTEL Course(IIT Madras)	July-August 2019
48	S S Patil	FDP Course - Vision Mission PEO PSO PO CO : Framing, Mapping, Assessment and Attainment	AISSMS, COE (ISTE approved)	10th to 15th June 2019
49	S S Patil	One week AICTE SPONSORED STTP on “Advances in Tribology”	AISSMS College of Engineering, Pune	4 th to 9 th Nov.,2019
50	M U Gan	Outcome Based Education System	AISSMS COE,Pune	9-14 December 2019 (One Week)
51	Dr. M. S. Deshmukh	One week on line FDP program on Q Cad	Spoken Tutorial IIT Bombay	24 Apr 2020

52	Dr. M. S. Deshmukh	One week on line FDP program on LaTeX programming	Spoken Tutorial IIT Bombay	28 April to 4 may 2020
53	Dr. M. S. Deshmukh	One week on line FDP program on R programming	Spoken Tutorial IIT Bombay	28 April to 4 may 2020
54	Dr. M. S. Deshmukh	Coursera 7 week certificate course on Fundamental of Fluid Power.	Coursera	01 June 2020
55	Dr. M. S. Deshmukh	Coursera 6 week certificate course on Chinese for Beginners.	Coursera	29 May 2020
56	Dr. M. S. Deshmukh	Coursera 8 week certificate course on Understanding Research Methods.	Coursera	28 May 2020
57	Dr. M. S. Deshmukh	Coursera 8 week certificate course on Introduction to Thermodynamics	Coursera	May18, 2020
58	Dr. M. S. Deshmukh	NBA Accreditation and Teaching-Learning in Engineering (NATE)	NPTEL Course	12 Week, 27 Jan - 17 April 2020
59	Dr. M. S. Deshmukh	A STTP Advances in Tribology	AISSMSCOE Pune	4/11/20 to 9/11/20
60	Dr. M. S. Deshmukh	Online Faculty Development Program ("Outcome Based Education : A Step Towards Excellence")	Govt. College of Engineering in collaboration with AICTE Margdarshan Mentee Institutes	11-15 May 2020
61	Dr. M. S. Deshmukh	AICTE - ISTE sponsored self-financing online short term training programme on " Outcome Based Education & Accreditation "	Department of Mechanical Engineering RGCOE, Amaravati.	26/05/2020 to 30/05/2020
62	Dr. M. S. Deshmukh	FDP Course-Vision Mission PEO PSO PO CO : Framing, Mapping, Assessment and Attainment (ISTE approved)	AISSMSCOE Pune	10/06/19 to 15/06/19

EXTENSION LECTURES (LECTURES DELIVERED BY VISITING GUESTS)

S N	Name of faculty coordinator	Topic	Name and contact details of guest	Date
1	S S Vadgeri	Orientation and Appreciation Session on “Sandwich Industrial Training”	Mrs. Tanuja Indi, Managing Director, INDITECH VALVES Pvt. Ltd. Pune.	7 th January, 2020
2	Dr A V Waghmare	Hydraulic System	Mr. Prasanna Umarani, Slimline Hydrotek, Pune	30 Sept 2019
3	M P Bauskar	Lecture on Lean Six sigma White Belt	Mr Michael Testani	29 January 2020

FACULTY SERVED AS a RESOURCE PERSON, EXPERT OR CHAIRPERSON

S N	Name of Faculty	Title of Activity	Organizing body	Date
1	Dr B D Bachchhav	Expert Talk in AICTE sponsored One week STTP on Advances in Tribology	AISSMS COE	7/11/2019
2	Dr A V Waghmare	Resource person at ‘Two Week AICTE-FDP on OBE’ on Alumni Engagements	DYP, Akurdi	6/11/2019

EXTENSION ACTIVITIES CONDUCTED BY THE DEPARTMENT

S N	Name of Faculty Coordinator	Details of activity conducted	Date
01	Dr C S Choudhari	Interdepartmental quiz on “Robotics and Automation	04/10/2019

MOU SIGNED WITH ACADEMIC AND PROFESSIONAL ORGANISATIONS

Sr. No.	Faculty Coordinator	Name of Organisation	Date of MoU Signed	Valid upto 00/00/0000
1	M P Bauskar	Mettechnik Pvt Ltd	10/10/2019	10/10/2024
2	Dr S.J.Navale	Avishkar Engineers Pvt.Ltd	31/12/2019	31/12/2020
3	D S Mane	Suntech Landriani Machine Tools Pvt Ltd	08/08/2018	07/08/2021
4	P.S.Aglawe	eAdicct Mobility Solution Pvt Ltd	21/08/2017	21/08/20
5	D S Mane	Nemade Engineers Pvt Ltd	08/08/2018	07/08/2021
6	M P SHAH(CHOKSHI)	Raviraj Hitech Pvt. Ltd	06/10/2017	06/10/2020

STUDENTS' CHAPTERS /CLUBS

S. No	Name of Students' Chapter	Number of Student Members
1	SAEINDIA	64
2	FPSI	54
3	IMechE	80
4	IE	18
5	ISHRAE	11

EVENTS ORGANISED (By Students' Chapters / Clubs and others)

Name of Students' Chapter: SAEINDIA

Faculty Advisor: Dr A V Waghmare and Dr C S Dharankar

SN	Event name and details of event	Details of faculty and students involvement, Name of chief guest, judges etc.	Duration and Dates
1.	BAJA-Competition Participation	1.Participated in Virtual BAJA at Chitkara University, Chandigad 2.Participate in M-BAJA at NATRAX	11-13 July 2019 Jan 2020

		Facility, Pithampur, MP 3.Participated in International Virtual BAJA and secured a \$500 prize.	June 2020
2.	SUPRA-Competition Participation	Participated in SUPRA Competition at Buddh International Circuit, Greater Noida.	15-20 July 2019
3.	Efficycle-Competition Participation	-Team participated in SAE EFFI-CYCLE 2019 at Lovely Professional University, Punjab -Team secured 4th rank in Advanced Format	1st october to 5th october, 2019
4.	Aero Design-Competition Participation at National and International	International: Team participated in Van Nuys, California • 5 th in technical presentation in SAE INTERNATIONAL advanced class 2019. • 13th amongst the 75 International teams in Advanced Class 2019.	5 -7 April 2019.
		National: Team Garudashwa participated in the 4 th Annual SAE ISS Aero Design Challenge in both Regular and the Micro Class Categories. Micro class : Overall result – 2 nd in India. Regular class : 4th in report 5th in presentation	19 th -21 st July 2019
5.	TIFAN-Competition Participation	Competition postponed due to COVID	18 March 2020
6.	Organised: BAJA Workshop	Organised ATV Room for students of other institutions.	

Name of Students' Chapter: INSTITUTE OF ENGINEERING

Faculty Advisor: __M U GAN

SN	Event Name And Details Of Event	Details Of Faculty	Students Involvement	Name Of Chief Guest, Judges Etc.	Duration and Dates
1	One Minute Talk (BE- B)	S S Vadgeri	39	M P Shah And Pv Deshmukh	11-09-2019
2	One Minute Talk- -TE- A	A T Thombare	8	G P Lohar And A T Thombare	11-09-2019
3	One Minute Talk --TE B	S R Patil	18	M U Gan, S S Patil	11-09-2019
4	One Minute Talk --SE A	M S Swami	31	Dr.P S Gajjal	12-09-2019
5	One Minute Talk --SE B	Dr.Ms Deshmukh	48	M U Gan, Dr.Ms Deshmukh	11-09-2019
6	One Minute Talk --TE M/Sw	V S Wagare	32	Dr. C S Choudhari And Dr. D.Y. Dhande	09-09-2019
7	One Minute Talk --Pahse Ii	M U Gan	24	Dr. M R Phate And P V Deshmukh	16-09-2019
8	One Minute Talk- SE M/S	N N Gotkhindik ar	39	G P Lohar, P V Deshmukh	09.09.2019

PAPERS PUBLISHED IN PROCEEDINGS OF CONFERENCES

S N	Authors	Title of paper	Details of Conference (Name of conference, dates and duration, Organising body details, ISBN)
1	Nayan H Dhanvij, Dr P S Gajjal	Tribological performance evaluation of friction and wear of EN24 for PGT of CNC Bending Machine	ICIAER -2019, Rajuri 18-19 Oct 2019, Shayari Valley College of Engg and Tech,Rajuri

PAPERS PUBLISHED IN REFEREED JOURNALS

S N	Authors	Paper Details (Paper title, Publication year, Volume no., issue no., Page no.s, Doi, ISSN)
1	P V Deshmukh	“Experimental and Finite Element Analysis On the Steel Fiber Reinforced Concrete (SFRC) Beam Under Pure Torsion”, International Journal of Research and Analytical Reviews, E-ISSN 2348-1269, P- ISSN 2349-5138, Volume 6, Issue 2, June 2019
2	Dr B D Bachchhav	Kishor N. Hendre, Bhanudas D. Bachchhav., “Friction and Wear Characteristics of Rubber Resin-Bonded Metallic Brake Pad Materials”, International Journal of Engineering and Advanced Technology (IJEAT), Vol: 8, Issue: 6, (August 2019), pp. 1312-1316.
3	R A Marne	Ajinkya Mali, Rahul Marne,”Finite element analysis comparison of spur gears between standard tooth profile and modified profile”,International Research Journal of Engineering and Technology,(IRJET)e-ISSN:2395-0056,p-ISSN-2395-0072,volume 6 ,Issue 9, Sept 2019
4	Vadgeri S. S., Patil S. R.	Stress Analysis of Carbon Fiber Reinforced Composite Laminate with Different Centrally Located Cutouts, Materials Today: Proceedings (Elsevier), ISSN 2214-7853, 2019
5	Bauskar M .P., Dhande, D.Y., Vadgeri S.	Study of aerodynamic drag of sports utility vehicle by experimental and numerical method, Materials Today: Proceedings (Elsevier), ISSN 2214-7853,2019

	S., Patil, S.R.	
6	Dr P S Gajjal	“Tribological Parametric Influence of Dry Sintered Iron Bearings” <i>Journal of Emerging Technologies and Innovative Research</i> , ISSN-2349-5162
7	Dr P S Gajjal	Wear Model of Dry Sintered Bearing Material by Dimensional Analysis, <i>Journal of Emerging Technologies and Innovative Research</i> , ISSN-2349-5162
8	Dr D Y Dhade, Langewar G H & Pande D W .	Implementation of CFD–FSI Technique Coupled with Response Surface Optimization method for Analysis of Three-Lobe Hydrodynamic Journal Bearing, <i>Journal of The Institution of Engineers (India): Series C</i>
9	Kishor N. Hendre, Bhanudas D. Bachchhav, Harijan H. Bagchi.,	“Frictional Characteristics of Brake Pad Materials Alternate to Asbestos”, <i>International Journal of Engineering and Advanced Technology (IJEAT)</i> , Vol: 9, Issue: 2, (December 2019), pp. 694-698.
10	Kathmore P. S; Bachchhav B. D	“Bio-based Lubricant Selection for Metal Cutting Operations Using MADM Technique”, <i>International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)</i> , ISSN(P): 2249–6890; ISSN(E): 2249–8001, Vol. 9, Issue 6, Dec 2019, 845–858.

PATENTS, COPYRIGHT, TRADEMARK AND OTHER (IPR)

Sr No.	Name of Faculty	Name of the Patent	Patent Number and Date	Type (National/International/Commercialized)
01	Dr. Mangesh R. Phate	Fabrication of Garbage Disposal Unit FER submission : 23/07/2019	(2879/MUM/2014)10/09/2014	National

RESEARCH CITATIONS (Source of Data: Google scholar)

S N	Name of faculty	Citations		Name of faculty	Citations
1	Dr. Mangesh R. Phate	106	6	Dr C S Choudhari	52
2	Dr A V Waghmare	133	7	Dr P S Gajjal	48
3	S R Patil	08	8	Dr B D Bachchhav	16
4	S S Vadgeri	08	9	Dr S J Navale	21
5	K L Kumbhar	04			

Total citations: 364**NUMBER OF STUDENTS PLACED**

Sr No	Name of Organization visited	Number of students Participated	Number of students Placed
1	Tata Consultancy Services		1
2	I Research Services		2
3	Godrej & Boyce		3
4	Infosys		3
5	Square Yard		2
6	A Raymond Fasteners India Pvt. Ltd.		3

Lower Package Offered:

Higher package Offered:

Average Package Offered:

NUMBER OF STUDENTS QUALIFIED IN THE EXAMINATION

GATE	GRE	UPSC	MPSC	Any other reputed examination for Higher studies (TOFEL, etc.)
				01 qualified in CAT 2019

ME AWARDED

Sr No	Name of Supervisor	Title of Thesis	Name of Candidate
1	Dr B D Bachchhav	Tribological Characterization of Brake pad Materials	Mr K N Hendre
2	Dr P S Gajjal	Tribological Performance Evaluation of Gear Material for Planetary Gear Transmission of CNC Bending Machine	Mr N H Dhanvij

3	S.R.Patil	Experimental and Numerical Analysis of Asymmetric Spur Gear	Mr A S Banate
4	S.R.Patil	Design and Analysis of Infinitely Variable Transmission Test Rig	Mr A D Gawande

PhD GUIDE DETAILS (AISSMSCOE Research centre)

S N	Name of Faculty who are PhD Supervisor	Number of Scholars Registered
01	Dr. V. N. Raibhole MES College of Engineering, Pune	01
02	Dr. Abhay A. Pawar Principal, DyPatil COE Ambi Pune	-
03	Dr. B. D. Bachchhav AISSMSCOE, Pune	02
04	Dr. M. S. Deshmukh AISSMSCOE, Pune	01

PhD AWARDED

Sr No	Name of Supervisor	Title of Thesis	Name of Candidate

INDUSTRIAL VISITS ORGANISED

Sr. No.	Faculty Coordinator	Class and (Number of students attended)	Industry Name and Address	Date of visit
1	P V Deshmukh	BE (Mech- B) 67 Students	IMTMA, Pimpri-Chinchwad, 411019	3 Oct 2019
2	N N Gotkhindikar S R Patil	SE (Mech S/W) 62 Students	SPECIALITY SINTERED PRODUCTS PVT. LTD. Chakan, Pune 410501	11th Oct 2019
3	M.U.Gan K.L.Kumbhar	TE (Mech A & B)118	Ujani Hydroelectric Power Plant, Bhimanagar, Pune	23rd Sept. 2019

4	M P Bauskar	TE Mech A (68)	Whirlpool India ltd	23/07/2019
5	M P Bauskar S R Patil	TE Mech B (69)	Fiat India Ltd	24/07/2019
6	A V Waghmare A R Takalkar S S Vadgeri	BE Mech A & B (118)	Stauff India Pvt Ltd	10/10/2019
7	P.S.Aglawe Dr. C.S.Dharankar	BE Mechanical (A) (68)	INDIAN MACHINE TOOL MANUFACTURERS' ASSOCIATION	04/10/2019
8	Dr C S Choudhari	TE Mechanical B	Thermax Ltd Pune	26/09/2019

EXPERT LECTURES DELIVERED BY INDUSTRY EXPERTS

Sr. No.	Faculty Coordinator	Class (Number of students attended)	Name, Industry, designation and contact details of Expert	Topic	Date
1	Dr B D Bachchhav	61	Mr. Avinash Khare, IMTMA, Chinchwad	Additive Mfg.	8/8/2019
2	P V Deshmukh	67	Gautam Doshi, Advisor, Indian Machine Tool Manufacturers' Association (IMTMA)	Role and Effect on Industries of Robotics and Automation in coming years	3/10/2019
3	D S Mane	SE Mech A & B (82)	Mr. Sagar Naikade, Valmont India, Quality Engineer,	Welding Technology	08/07/2019
4	M P Bauskar	TE Mech B	Mr S A Mandhare	MSA system	26/07/2019

5	M R Dahake	TE Mech B	Mr S S Tikar	ARAI Pune	05/10/2019
6	Dr. C S Dharankar & S S Vadgeri	BE Mech A & B (120)	Mr. Nitin Badhe, Sr. Technical Specialist- Global NVH, ALTAIR INDIA Pvt Ltd, Pune	Fundamentals of Dynamic Analysis	15/10/2019
7	K.L.Kumbhar	TE Mech (A & B)	Mr. Ajit Deshpande (Advanced Analytics, FinTech)	How to Enter in Artificial Intelligence	01/10/2019
8	Dr C S Choudhari	TE Mechanical SW	Dr Vivek Vitankar	Applications of CFD in Heat transfer Analysis	24/09/2019
8	Dr C S Choudhari	TE Mechanical SW	Mr Quayam Akhatar	Robotics Process Automation	25/09/2019
9	Dr C S Choudhari	TE Mechanical SW	Dr Prasad Khandagale, R & D Head, Henkel, Pune 9822683341	Energy and Environment	04/10/2019

INDUSTRY –SPONSORED PROJECTS (UG/PG)

Sr. No.	Name of Project guide	Year	Title of Industry Sponsored Project	Name of Sponsoring Industry
1	P V Deshmukh	2019 - 20	Design and Development of Overhead Crane with Rotating Jib Arm	G A Enterprises
2	D S Mane	2019-20	Design, Analysis and Development of Connecting Rod For V12 IC Engine	MechaTol Engineering Solutions
3	S S Vadgeri	2019-20	Design and Development of Biogas Engine for Power Generation	Kirloskar Oil Engines Ltd, Pune
4	Dr C S Choudhari	2019 - 20	Design and development of solar powered sterling engine for electricity generation	Engineering Cluster Pune

MOU SIGNED WITH INDUSTRY

Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto (00/00/0000)
1	Dr S.J.Navale	Avishkar Engineers Pvt.Ltd	31/12/2019	31/12/2020
2	D S Mane	Suntech Landriani Machine Tools Pvt Ltd	08/08/2018	07/08/2021
3	D S Mane	Nemade Engineers Pvt Ltd	08/08/2018	07/08/2021
4	P.S.Aglawe	eAdicct Mobility Solution Pvt Ltd	21/08/2017	21/08/2022
5	M P Bauskar	Mettchnik Pvt Ltd	10/10/2019	10/10/2024

FACULTY MEMBERS UNDERGONE INDUSTRIAL TRAINING

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

STUDENTS UNDERGONE IN-PLANT TRAINING AND (OR) INTERNSHIP PROGRAMME

Sr. No.	Name of the Student	Name of the Industry	Class	Training duration		
				Start date	Last date	Duration (days)
01	Isabel Edison	Thermax Pvt Ltd		6/13/2019	6/28/2019	15 days
02	Kunal Gaikwad	Ameya Industries		6/13/2019	6/28/2019	15 days
03	Pushkaraj Deshmukh	Marvelour Metals Pvt Ltd		6/15/2019	6/30/2019	15 days
04	Vijayalaxmi Kodoli	Hero Pvt Ltd		6/01/20119	6/30/2019	30 days
05	Kedar Ashtikar	Milman Thinfilmm systems		6/02/20119	7/02/2019	30 days

06	Aditya Chougule	Milman Thinfilm systems		6/02/20119	7/02/2019	30 days
07	Yadnya Khadake	Cummins India Ltd		6/03/20119	7/03/2019	30 days
08	Hrushikesh Banger	Hrushu Insustries		6/05/20119	6/30/2019	25 days
09	Pratik Dond	Bosch Ltd Nashik		6/01/20119	6/28/2019	28 days
10	Suraj Gadgade	DCE Refrigeration		6/16/20119	7/01/2019	15 days
11	Abhishek Dyade	Enggineering Cluster Pvt Ltd		6/07/20119	7/06/2019	30 days
12	Tejas Borkar	Enggineering Cluster Pvt Ltd		6/05/20119	7/04/2019	30 days
13	Abhishek Pisal	Ratna Gears Pvt Ltd		6/01/2019	6/30/2019	30 days
14	Rohan Soni	S. M. Engineers and Distributors		11/01/2019	11/15/2019	15 days
15	Himanshu Jaiswal	Engineering Cluster		6/05/2019	7/04/2019	30 days
16	Shrungal Kulkarni	CASIO		8/01/2019	9/30/2019	60 days
17	Aditya Ghode	Sundaram Fasteners		6/10/2019	6/21/2019	10 days

WORKSHOPS/SEMINARS/CONFERENCES/COURSES CONDUCTED WITH INDUSTRY SUPPORT/COLLABORATION (FOR STUDENTS)

Sr. No.	Faculty Coordinators	Title of the Programme	Name of Industry	Type of Support/ Name & Designation of Expert

TRAINING TO INDUSTRY PERSONNEL/ ACTIVITY SUPPORTING TO INDUSTRY

Sr. No.	Faculty coordinator	Technical Area in which Training Provided / Type of Support	Industry Name
1	Dr S V Chaitanya	Visit of students of National Safety Organization NSO to workshop and laboratories for safety measures during conduction of practicals. date of the visit 16 August 2019	National Safety Organization,

TESTING AND CONSULTANCY

Sr. No.	Faculty Coordinator	Type of Testing & Consultancy Conducted	Total Revenue Generated (Rs.)

ANY OTHER ACTIVITIES TO PROMOTE INTERACTION WITH INDUSTRY

Sr. No.	Faculty coordinator	Name of Activity	Remark

SUPPORT FROM ALUMNI

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

STUDENTS' ACHIEVEMENT (Individual Level)

S N	Name of Student	Details of Achievement (State/University/ National/International Level)
1	Parth Bhosale	Successfully completed training class and demonstrated through examination on 22 September 2019. LEAN SIGMA GREENBELT)
2	A) Shriram Kalhapure (Rs 25000) B) Kamlesh Sarode (Rs 18000) C) Shubham Anbhule (Rs 8000)	Awarded:17 December 2019. IndiTech Valves Pvt.Ltd Excellence in Project During his Internship
3	Akshay Warghade	Participated :17 December 2019. Participated in Cluster Level i-2-e Competition organized by the CENTRE FOR INNOVATION ,INCUBATION & ENTERPRISE (SPPU)

4	Kishor Hendre	3rd prize winner of ASM India 2019- Masters Award on 19t October 2019
5	Himanshu Jaiswal	Publication of research paper in Eduindex Journals (ISSN 0474-9030)

STUDENTS' ACHIEVEMENT (Team Level)

S N	Name of Event	Name of Faculty Advisor	Details of Achievement (State/University/ National/International Level)
01	Effi-cycle	Dr. C. S. Choudhari	National
02	Krushak	Prof. M. R Dahake	National
03	Garudashwa	Dr. D Y Dhande	National

SPORTS / CULTURAL ACHIEVEMENTS OF STUDENTS (Individual Level) (Team level

achievements to be mentioned in institute level sports/Cultural committee report)

S N	Name of Student	Details of Achievement (State/University/ National/International Level)
1	Aniket Pawar	Secured Gold medal in State Level Mallakhamb organized by MAHARASTRA AMETURE MALLAKHAMB ASSOCIATION Held at Pune, from -9TH November 2019 to 10th November 2019.
2	Rutuja Badade	Silver medal 62nd National Pistol Shooting
3	Abhishek Amin	Football : 1.Runner up Inter Colligate University organized by SPPU 2. MIT Summit organized by MIT-WPU 3. ZEST organized by COEP 4. IMED Basketball Tournament organized by IMED College
4	Sahil Vyas	
5	Prajwal More	
6	Nihal Mujawar	
7	Tanishq Badegar	
8	Vivek Singh	
9	Mahesh Wagaskar	Cricket: 1.MIT Summit organized by MIT-WPU 2. Inter Colligate organized by SPPU 3. Engineers Cup Cricket League organized by AISSMS IOIT 4. ZEST organized by COEP 5. Engineers Cup organized by Sandeep Foundation, Nashik
10	Tejas Athare	
11	Nihal Mujawar	
12	Akash Kakade	

		6. Chhatrapati Shivaji Trophy organized by AISSMS COE
13	Mahesh Mahajan	

SOCIAL ACTIVITIES ORGANISED (NSS, Women empowerment etc.)

S N	Faculty coordinator	Name of Activity	Date, Duration	Number of students involved
1	HOD	Donation to flood victims total Rs/- 13950 and 156 Kg of cereals and groceries for rehabilitation of flood affected people.	1 st week of	30

PARENT MEETING

S N	Faculty Coordinator	Day and Date	Details of Parent meetings organised

ALUMNI MEET

S N	Faculty Coordinator	Day and Date	Details of Alumni meetings organised

DETAILS OF STUDENT COUNSELING AND CAREER GUIDANCE AT THE DEPARTMENT LEVEL

Number of students referred for counseling	4(Mechanical) + 1 (Mechanical SW)=5
Number of Faculty referred for counseling	Nil

S N	Faculty coordinator	CAREER GUIDANCE ACTIVITY DETAILS
1	K.L.Kumbhar	Career Guidance at C.T. Bora Jr. College, Shirur (No. of Students- 52)
2	K.L.Kumbhar	Career Guidance at (No. of Students- 142)
3	D S Mane	Career Guidance at Kisan Veer Mahavidyalaya, Wai (No of students 50)
4	Dr. M S Deshmukh	Career Guidance at Kisan Veer Mahavidyalaya, Wai (No of students 50)
5	A R Takalkar	Career Guidance at Maharashtra Jr College,

		Kolhapur (No of students 60)
6	Dr B D Bachchhav	Rashtriya Vidyalaya and Junior College Chalisgaon (510 Students data submitted)
5	S S Vadgeri	Career Guidance at Maharashtra Main Rajaram College Kolhapur and Jr College, Kolhapur (No of students 80)
8	N N Gotkhindikar	Career Guidance at Bhojane Coaching Institute, Kolhapur (No of students 116)
9	K S Kolambe	Career Guidance at Khadse Academy, Bhusawal & Ambai Classes, Bhusawal. (No of students 100+)

MAJOR GRIEVANCES OF STUDENTS (IF ANY) REDRESSED (*) (Not to be included in annual report)

MISCELLANEOUS (SYLLABUS IMPLEMENTATION, MAJOR ADDITION IN INFRASTRUCTURE AND FACILITY, INNOVATIONS INTRODUCED, DEVELOPMENT OF E – CONTENT ETC.)

S N	FACULTY	ACTIVITY
1	HOD	LCD repair and maintenance of all classrooms were done.
2	B D Bachchhav	Purchased 3D Printing machine and Torsion testing machine to existing laboratory facility.

FEEDBACK FROM STAKEHOLDERS

Sr No	Stakeholder	Number of Feedbacks Received	Overall Feedback
1	Alumni		
2	Parents		
3	Employers		
4	Students	540	

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

Sr. No.	Details
1	AISSMSCOE, mechanical engineering department as a research centre, As per letter No PGS/4514 dated-14/12/2019 received from S P Pune university

Student Chapter IE**Faculty M U GAN**

S N	Event name and details of event	Details of faculty	students involvement,	Name of chief guest, judges etc.	Duration and Dates
1	One Minute Talk (BE- B)	S S Vadgeri	39	M P Shah And P V Deshmukh	11-09-2019
2	One Minute Talk--TE- A	A T Thombare	8	G P Lohar And A T Thombare	11-09-2019
3	One Minute Talk --TE B	S R Patil	18	M U Gan, S S Patil	11-09-2019
4	One Minute Talk --SE A	M S Swami	31	Dr.P S Gajjal	12-09-2019
5	One Minute Talk --SE B	Dr.Ms Deshmukh	48	M U Gan, Dr.Ms Deshmukh	11-09-2019
6	One Minute Talk --TE M/Sw	V S Wagare	32	Dr. C S Choudhari And Dr. D.Y. Dhande	09-09-2019
7	One Minute Talk --Pahse Ii	M U Gan	24	Dr. M R Phate And P V Deshmukh	16-09-2019
8	One Minute Talk-SE M/S	N N Gotkhindikar	39	G P Lohar, P V Deshmukh	09.09.2019

TWO BEST PRACTICES FOLLOWED IN THE DEPARTMENT

Faculty Knowledge Sharing Program (FKSP) every wednesday 03.15 to 04:15 pm

Project Exhibition held every year in the month of March

SWOC ANALYSIS

Detail five major strengths, weaknesses, opportunities, and challenges (SWOC) of the department and future plans of the Departments

Strengths	1	Healthy environment in the department
	2	Students involvement in Co-curricular and Extracurricular activities

Weaknesses	1	Industry training programs to staff and students
	2	More activities related to professional body need to be conducted.

Opportunities	1	Joining hands with industry for Research and Projects
	2	Funds generation through conduction of training programs
	3	Jointly organizing programs with nearby institutions

Challenges	1	Develop Industry supported/Sponsored lab.
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FUTURE PLANS OF THE DEPARTMENT (For Next Academic Year)

1	Applying for NBA
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INITIATIVES TAKEN BY THE DEPARTMENT AT DEPARTMENT AND INSTITUTE LEVEL TO IMPROVE AND ASSURE QUALITY IN THE AREA OF

Area	Initiatives
Academics	Faculty knowledge sharing program
Co curricular	Motivate student to participate in Paper presentations at various National and International conferences
Extra curricular	Motivated students to work for extra-curricular activity.
Social	Donation to flood victims total Rs/-13950 and 156 Kg of cereals and groceries for rehabilitation of flood affected people.
Infrastructure and facility	1. LCD repair and maintenance of all classrooms were done. 2. Purchased 3D Printing machine and Torsion testing machine to existing laboratory facility.
Faculty Development	Organised AICTE sponsored one week Faculty Development Program on “Advances in Tribology”
Student welfare	Students are working under Earn and learn scheme

SUMMARY SHEET

Sr No	Activity/ Item	Numbers
01	Students in the department (Enrolled in AY 2019-20)	159
02	FDP/STTP/Seminars/Conferences/Workshops/ Symposiums organized by the department	02
03	FDP/STTP/Seminars/Conferences/Workshops/ Symposiums attended by the department faculty	62
04	Extension lectures (lectures delivered by visiting guests)	03
05	Faculty served as resource person, expert or chairperson	02
06	Extension activities conducted by the department	03
07	MOU signed with academic and professional organizations	05
08	Students’ chapter /clubs	05
09	Student events organized	08

10	Papers published in proceedings of conferences	01
11	Papers published in refereed journals	10
12	Book/ Article publications	00
13	Patents and other IPR	01
14	Students placed	14
15	Students qualified in the examination	NA
16	ME Awarded	04
17	PhD guides	--
18	PhD awarded	01
19	Industrial visits conducted	08
20	Expert lectures delivered by industry experts	09
21	Industry –sponsored projects (UG/PG)	04
22	MOU signed with industry	05
23	Faculty members undergone industrial training	00
24	Students undergone in-plant training and (or) internship programme	12
25	Workshops/seminars/conferences/courses conducted with industry support/collaboration (for students)	03
26	Training to industry personnel/ activity supporting to industry	01
27	Testing and consultancy for industry	00
28	Any other activities to promote interaction with industry	00
29	Support from alumni	00
30	Sports / cultural achievements of students (Individual level)	03
31	Social activities organized	--
32	Parent meetings organized	--
33	Alumni meet organized	00

34	Number of student counseling and career guidance sessions organised	09
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GLIMPSES

ACHIEVEMENTS OF FACULTY (AWARDS, RECOGNITION, PHD COMPLETION ETC.)

Photo Size 5" x 7"

FDP/STTP/SEMINARS/CONFERENCES/WORKSHOPS/ SYMPOSIUMS

ORGANIZED BY THE DEPARTMENT

‘ट्रायबॉलॉजी’ला अनन्यसाधारण महत्त्व
डॉ. डी. एन. मालखेडे : एआयएसएसएमएसमध्ये एस्टीटीपीचे आयोजन



पुणे : प्रतिनिधी
 अभियांत्रिकीच्या नव्या तंत्रज्ञानाच्या युगात ‘ट्रायबॉलॉजी’ वा शाखेला अनन्यसाधारण महत्त्व प्राप्त झाले आहे. आगामी काळात बायो ट्रायबॉलॉजी आणि नॅनो ट्रायबॉलॉजी यात संशोधनाच्या आणि सेवाग्राह्या असांख्य संशोधन निर्मास होत आहे, असे विचार एआयएसएसएमएसचे सल्लागार सदस्य डॉ. डी. एन. मालखेडे यांनी व्यक्त केले.

ऑल इंडिया श्री शिवाजी मेमोरियल सोसायटीच्या अभियांत्रिकी महाविद्यालयात मेकॅनिकल इंजिनीयर्स विभागातर्फे आयोजित झालेल्या ‘ट्रायबॉलॉजी’ या कार्यक्रमात डॉ. डी. एन. मालखेडे यांनी ‘ट्रायबॉलॉजी’चे महत्त्व अधिकाधिक प्रतिनिधींनी हजेरी लावली आहे.

ट्रायबॉलॉजी सोसायटी ऑफ इंडियाचे अध्यक्ष अशोक मेहता म्हणाले, ‘आमच्या संस्थेच्या वतीने देश-विदेशात या विषयावरील सेमिनार आणि चर्चासत्रांचे आयोजन केले जाते. उद्योग क्षेत्रात ‘ट्रायबॉलॉजी’ या विषयातील

तत्त्वांना मोठी मागणी आहे.’ संस्थेचे सहसंचय्य सुरेश प्रताप शिरे म्हणाले की, ‘अवघड काळापासून आपल्या देशात काळा नकळतपणे, पण शास्त्रोक्त पद्धतीने या तंत्रज्ञानाचा उपयोग होत आहे. प्रगतीच्या प्रत्येक टप्प्यावर ‘ट्रायबॉलॉजी’चे महत्त्व अधिकाधिक वाढत आहे.’ असे विचार व्यक्त केले.

४ नोव्हेंबर ते ९ नोव्हेंबर या काळात आयोजित झालेल्या या उपक्रमाला उद्योग आणि संशोधन क्षेत्रातील २५ हून अधिक नामवंतांची व्याख्यान, इंडस्ट्रियल व्हिजिट, चर्चासत्रे, शोपनिबंध सादरकरण यांचे आयोजन केले आहे. संस्थेचे संचय्य मल्लोबीरामे छत्रपती यांनी कार्यक्रमाच्या आयोजनाचे कौतुक करित शुभेच्छा दिल्या.

प्रधान डॉ. डी. एन. मालखेडे यांनी संस्थेच्या आणि महाविद्यालयाच्या वाढवतीची धोरणानुसार सल्लागार सल्लागार सुरेश प्रताप शिरे यांनी या कार्यक्रमावरील शुभेच्छा व्यक्त केली. कार्यक्रमाच्या प्रमुख समन्वयक डॉ. प्रिया मन्जल यांनी सूत्रसंचालन केले.

एआयएसएसएमएस अभियांत्रिकीमध्ये ट्रायबॉलॉजी प्रशिक्षण कार्यक्रम

ऑल इंडिया श्री शिवाजी मेमोरियल सोसायटीच्या महाविद्यालयात अभियांत्रिकी विभागातर्फे अॅडव्हान्सेस इन ट्रायबॉलॉजी हा प्रशिक्षण कार्यक्रम नुकताच झाला. अखिल भारतीय तंत्रशिक्षण परिषदेचे (एआयसीटीई) सल्लागार डॉ. डी. एन. मालखेडे यांच्या हस्ते उद्घाटन झाले. ट्रायबॉलॉजी सोसायटी ऑफ इंडियाचे अध्यक्ष अशोक मेहता, प्राचार्य डॉ. डी. एस. बोरमने, विभागप्रमुख डॉ. बी. डी. बच्छव,

प्रमुख समन्वयक डॉ. प्रिया गज्जल आदी या वेळी उपस्थित होते. देशभरातील पत्रासहून अधिक प्रतिनिधींनी या प्रशिक्षणाला हजेरी लावली.

‘अभियांत्रिकीच्या नव्या युगात ट्रायबॉलॉजी शाखेला अनन्यसाधारण महत्त्व प्राप्त झाले आहे. आगामी काळात बायो-ट्रायबॉलॉजी आणि नॅनो ट्रायबॉलॉजी यात संशोधनाच्या आणि रोजगाराच्या असांख्य संधी होऊ शकतील, असे डॉ. मालखेडे म्हणाले.

EXTENSION LECTURES (LECTURES DELIVERED BY VISITING GUESTS)

MOU SIGNED

EVENTS ORGANISED





One day syllabus implementation workshop on “Systems in Mechanical Engg.”
conducted, July 8, 2019



One week AICTE sponsored STTP on “Advances in Tribology”
conducted on November 4-9, 2019

INDUSTRIAL VISITS





EXPERT LECTURES DELIVERED BY INDUSTRY EXPERTS

SPORTS / CULTURAL ACHIEVEMENTS

SOCIAL ACTIVITIES

AISSMS ENGINEERING TODAY



**Head of Department
Dr B D Bachchhav**