



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय
Accredited by NAAC with "A+" Grade



DEPARTMENT OF MECHANICAL ENGINEERING

ANNUAL REPORT

(01 JUNE 2020 to 31MAY 2021)

TERM ONE: 01 June 2020 to 30 November 2020

TERM TWO: 01 December 2020 to 31May 2021

Academic Year 2020 – 21

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 a separate row for every detail.*
- ❖ *For any queries, you may contact: Dr C S Choudhari, Coordinator, IQAC*
- ❖ *email: iqac@aiissmscoe.com*

CONTENTS

Sr No	Activity/ Item	Page No
1. PROFILE OF DEPARTMENT		
1.1	Introduction	6
1.2	Laboratories in the Department	6
1.3	Softwares Available in the Department	7
1.4	Faculty in the Department	7
1.5	Details of Supporting Staff	8
1.6	Students' Enrollment	8
1.7	Students–Faculty Feedback Details	9
1.8	Result Analysis (Last Term)	15
1.9	Class Result Analysis (Last Term)	18
2. FACULTY CONTRIBUTION		
2.1	Achievements of Faculty	21
2.2	Contribution of Faculty (Interaction With Outside World)	21
2.3	e content developed by faculty and available online	22
2.4	FDP/STTP attended by the department faculty	
2.5	Seminars/ workshops/ webinars attended by the department faculty	39
2.6	Conferences/ symposiums attended by the department faculty	54
2.7	Online courses / certificate courses completed by department faculty	55
2.8	Extension lectures / webinars organised	58
2.9	Faculty served as resource person, expert, chairperson	59
3. ACTIVITIES ORGANISED		
3.1	FDP/STTP organized by the department	61
3.2	Seminars/ workshops/ webinars organized by the department (for faculty)	61
3.3	Conferences/ symposiums organized by the department	63
3.4	Extension activities conducted by the department	63
3.5	MOU signed with academic and professional organizations	64
3.6	Students' chapters /clubs	65
3.7	Social activities organized	66
3.8	Parent meeting	67
3.9	Alumni meet	68
3.10	Support from Alumni	68

3.11	Interaction with Alumni	68
3.12	Student counseling and career guidance at the department level	69
4. RESEARCH CONTRIBUTION		
4.1	Funded research project	72
4.2	Testing and consultancy	72
4.3	Patents, copyright, trademark and other (IPR)	73
4.4	Papers published/ presented in proceedings of conferences	73
4.5	Papers published in journals	75
4.6	Book/ article publications	80
4.7	Total Research citations	81
4.8	ME awarded	82
4.9	PhD guide details	83
4.10	PhDAWARDED	83
5. INTERACTION WITH INDUSTRY		
5.1	Industrial visits organised	85
5.2	Expert lectures delivered by industry experts	85
5.3	Industry -sponsored projects (UG/PG)	86
5.4	MOU signed with industry	87
5.5	Faculty members undergone industrial training	87
5.6	Students undergone in-plant training and (or) internship programme	88
5.7	Support from Industry	91
5.8	Training to Industry personnel/ Activity Supporting industry	91
5.9	Any other activities to Promote Interaction With Industry	92
5.10	Students Undergone Sandwich Training	92
6. STUDENTS' ACHIEVEMENT		
6.1	Students' Achievement (Professional) (Individual Level)	102
6.2	Students' Achievement (Other than Professional) (Individual Level)	103
6.3	Certificate / Online Courses Completed by Students	103
6.4	Number of Students Placed	104
6.5	Number of Students qualified in the examinations	104
6.6	Sports / Cultural Achievements of Students (Individual Level)	104
6.7	Students' Achievements (Team Level)	105
7. SUMMARY AND SWOC ANALYSIS		

7.1	Any other noteworthy achievement of the department	107
7.2	Miscellaneous (Syllabus Implementation, Major Addition In Infrastructure And Facility, Innovations Introduced, Etc.)	107
7.3	Feedback from Stakeholders	108
7.4	Two Best Practices Followed in the Department	108
7.5	Major Grievances of Students (If Any) Redressed	108
7.6	SWOC Analysis	109
7.8	Future Plans of the Department	109
7.9	Initiatives Taken By The Department At Department And Institute Level To Improve And Assure Quality	
7.10	Summary Sheet (Annual)	110

1. PROFILE OF DEPARTMENT

1.1 INTRODUCTION

Year of Establishment	1992/1996
UG Programmes	Mechanical/Mechanical sw
PG Programmes	Automotive , Design Engineering
Number of Teaching Staff	30
Number of Non-Teaching Staff	3+6=9

1.2 LABORATORIES IN THE DEPARTMENT

Name of Laboratory	Name of Laboratory
1. Heat Engine Lab	2. Automotive System Lab
3. Metallurgy Lab	4. Automotive Chassis lab
5. Heat Transfer Lab	6. PG Software Lab Auto
7. TOM Lab	8. PG Lab Design
9. DOM Lab	10. BME Lab
11. Drawing Hall	12. Central Facility
13. Fluid Machinery Lab	14. Mechatronics
15. Fluid Power Lab	16. Computer Graphics Lab
17. RAC Lab	18. Computer Centre
19. Metrology Lab	20. Inhouse Project
21. CAD Lab	22. CAE Lab

1.3 SOFTWARES AVAILABLE IN THE DEPARTMENT

Software Available	Software Available
AutoCAD 2009	MasterCAM X9
Pro/Engineer WildFire 5.0	ANSYS 16
Altair Hyperworks R11	MSC Adams
MATLab	

1.4 FACULTY IN THE DEPARTMENT

Name of faculty	Designation	Name of faculty	Designation
Dr B D Bachchhav	Professor	Mr P S Aglawe	Assistant Professor
Dr A V Waghmare	Associate Professor	Mr O A More	Assistant Professor
Dr D Y Dhande	Associate Professor	Mrs A T Thombare	Assistant Professor
Dr M R Phate	Associate Professor	Mr M S Swami	Assistant Professor
Dr Mrs P S Gajjal	Associate Professor	Mr G P Lohar	Assistant Professor
Dr M S Deshmukh	Associate Professor	Mrs M P Shah	Assistant Professor
Dr S V Chaitanya	Assistant Professor	Mr M R Dahake	Assistant Professor
Mr S R Patil	Assistant Professor	Mr M P Bauskar	Assistant Professor
Mr P V Deshmukh	Assistant Professor	Mr V S Wagare	Assistant Professor
Dr C S Choudhari	Assistant Professor	Mr K L Kumbhar	Assistant Professor
Mr A P Desale	Assistant Professor	Mr S S Vadgeri	Assistant Professor
Mr R A Marne	Assistant Professor	Mr D S Mane	Assistant Professor
Dr C S Dharankar	Assistant Professor	Miss S S Patil	Assistant Professor
Dr S J Navale	Assistant Professor	Mr N N Gotkhindikar	Assistant Professor
Mr M U Gan	Assistant Professor	Dr M M Sayyad	Assistant Professor

1.5 DETAILS OF SUPPORTING STAFF

Name of Technical Staff	Designation	Name of Non-Teaching Staff	Designation
J N Khiratkar	Tech Asstt	S M Waghmare	Attendant
S K Jogdand	Lab Asstt	R S Amolik	Attendant
A A Jachak	Lab Asstt		
R D Nalawade			
P D Mahajan			
P R Pharande			

1.6 STUDENTS' ENROLLMENT

Programm	GEN		SC		ST		OBC		PWD		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
UG (Mech)	34	5	14	5	1	0	2	3	0	0	25	3	100	16
UG (Mech SW)	15	1	2	1	0	0	5	1	0	0	7		29	3
PG (Auto)	1	-	-	-	-	-	-	-	-	-	-	-	1	-
PG (Design)														

1.7 STUDENTS-FACULTY FEEDBACK DETAILS

Name of faculty	Class and Division	Subject taught	Feedback (I) (%)	Feedback (II) (%)	Average Feedback (%)
Dr B D Bachchhav	TE A	MQC	84	87	85.5
Dr A V Waghmare	BE B	HP	81	80	80.5
Dr A V Waghmare	BE A	HP	75	75	75
Dr C S Choudhari	TE A	HT	82	83	82.5
Dr C S Dharankar	BE A	DOM	78	76	77
Dr D Y Dhande	TE MS	ACAE	85	87	86
Dr M R Phate	TE MS	MD	82	83	82.5
Dr M R Phate	BE A	OR	72	90	81
Dr M R Phate	BE B	OR	81	91	86
Dr M S Deshmukh	BEB	HVAC	96	95	95.5
Dr M S Deshmukh	BE A	HVAC	79	80	79.5
Dr M S Deshmukh	SE A	ET	80	84	82
Dr P S Gajjal	SE A	Solid Mechanics	86	84	85
Dr P S Gajjal	SE B	Solid Mechanics	87	92	89.5
Dr S J Navale	TE MS	HT	86	88	87

Prof A T Thombare	TE A	TOM II	76	79	77.5
Prof A T Thombare	TE B	TOM II	78	76	77
Prof D S Mane	SE B	EMM	87	91	89
Prof K L Kumbhar	BE B	EAM	83	83	83
Prof M P Bauskar	TE B	MQC	78	77	77.5
Prof M P Shah	BE A	FEA	80	85	82.5
Prof M P Shah	BE B	FEA	85	85	85
Prof M R Dahake	TE B	HT	80	78	79
Prof M S Swami	SE A	EMM	81	85	83
Prof M S Swami	SEMS	SMD	75	72	73.5
Prof M U Gan	TE A	TM	78	83	80.5
Prof M U Gan	TEB	TM	82	77	79.5
Prof N N Gotkhindikar	SE MS	EMM	80	78	79
Prof P S Aglawe	BE B	CCA	76	77	76.5
Prof P S Aglawe	SE B	SMD	77	80	78.5
Prof S R Patil	TE A	DME I	80	80	80
Prof S S Patil	SE MS	Solid Mechanics	75	73	74
Prof S S Vadgeri	BE B	DOM	88	90	89
Prof Dr S V Chaitanya	BE B	AE	90	93	91.5
Prof V S Wagare	TE MS	NMO	88	88	88
Prof A P Desale	SE B	ET	62	79	70.5
Prof A P Desale	BE A	EAM	77	78	77.5
Prof R A Marne	TE B	DME I	80	78	79
Prof O A More	TE MS	MTX	75	81	78
Prof Prashnat Deshmukh	SE A	SMD	74	81	77.5
Prof Prashnat Deshmukh	BE A	CCA	73	77	75
Prof Prashnat Deshmukh	BE B	CCA	73	77	75
Prof G P Lohar	SE MS	ET	76	73	74.5

Term Two					
Name of faculty	Class	Subject taught	Feedback (I) (%)	Feedback (II) (%)	Average Feedback (%)
Dr B D Bachchhav	SE MS	ME	82	86	84
Dr B D Bachchhav	BE B	AMP	90	85	87.7
Dr A V Waghmare	BE MS	HP	88	92	90
Dr C S Choudhari	TE A	RAC	85	85	85
Dr C S Dharankar	BE MS	MV	81	88	84.5
Dr D Y Dhande	TE B	DME II	82	80	81
Dr M R Phate	BE A	MSD	77	71	74
Dr M S Deshmukh	TE B	RAC	83	85	84
Dr P S Gajjal	BE MS	MSD	92	94	93
Dr S J Navale	SE A	AT	80	80	80
Prof A T Thombare	SE B	KOM	82	73	77.5
Prof D S Mane	SE B	MP	88	78	83
Prof D S Mane	BE B	IE	90	84	87
Prof K L Kumbhar	SE MS	FM	68	81	74.5
Prof M P Bauskar	TE B	MP II	80	80	80
Prof M P Shah	BE MS	FEA	87	97	92
Prof M R Dahake	SE B	AT	84	78	81
Prof M S Swami	BE MS	EAM	85	91	88
Prof M S Swami	BE B	EE	87	84	85.5
Prof M U Gan	SE A	FM	77	76	76.5
Prof M U Gan	SE B	FM	81	72	76.5
Prof N N Gotkhindikar	SE A	MP	82	81	81.5
Prof P S Aglawe	TE A	NMO	81	80	80.5
Prof S R Patil	SE MS	KOM	75	80	77.5

Prof S S Patil	TE A	MP II	82	86	84
Prof S S Vadgeri	BE B	MSD	90	87	88.5
Prof Dr S V Chaitanya	BE A	IE	76	73	74.5
Prof V S Wagare	TE B	NMO	77	80	78.5
Prof A P Desale	BE MS	EE	73	87	80
Prof A P Desale	BE A	EE	75		
Prof R A Marne	TE A	DME II	81	78	79.5
Prof O A More	TE A	MTX	78	74	76
Prof O A More	TE B	MTX	75	79	77
Prof P V Deshmukh	BE B	PDD	86	74	80
Prof P V Deshmukh	BE A	PDD	78	75	76.5
Prof G P Lohar	SE MS	TE	79	85	82
Dr. M M Sayyad	SE A	KOM	79	83	81

1.8 RESULT ANALYSIS (LAST TERM)(Academic Year: 2019-20 Term: II) May 2020

2019-20 Term Two					
Name of faculty	Class and Subject Taught	% passing	Name of faculty	Class and Subject Taught	% passing
Mr M U Gan	SE (M) A Fluid Mech	100	Mr M U Gan	SE (M) B Fluid Mech	100
Mrs A T Thombare	SE (M) A Theory of M/C I	100	Mrs A T Thombare	SE (M) B Theory of M/C I	100
Mr M S Swami	SE (M) A Engg Meta	100	Mr N N Gotkhindikar	SE (M) B Engg Meta	100
Dr S J Navale	SE (M) A App Thermo	100	Mr M R Dahake	SE (M) B App Thermo	100
Mr Shinde	SE (M) A EEE	100	Mr Shinde	SE (M) B EEE	100
Mr P S Aglawe	TE (Mech) A NMO	100	Mrs M P Shah	TE (Mech) B NMO	100
Mr R A Marne	TE (Mech) A DME II	100	Dr D Y Dhande	TE (Mech) B DME II	100
Dr C S Choudhari	TE (Mech) A RAC	100	Dr M S Deshmukh	TE (Mech) B RAC	100
Mr O A More	TE (Mech) A Mechatronics	100	Mr O A More	TE (Mech) B Mechatronics	100

Mrs S S Patil	TE (Mech) A Mfg Process II	100	Mr M P Bauskar	TE (Mech) B Mfg Process II	100
Mr A P Desale	BE (Mech) A Energy Engg	98.63	Mr K L Kumbhar	BE (Mech) A Energy Engg	100
Dr M R Phate	BE (Mech) A MSD	100	Dr P S Gajjal	BE (Mech) A MSD	100
Dr S V Chaitanya	BE (Mech) A Ind Engg	100	Mr D S Mane	BE (Mech) A Ind Engg	100
Mr V S Wagare	BE (Mech) A Robotics	100	Mr V S Wagare	BE (Mech) A Robotics	100
Dr B D Bachchhav	BE (Mech) A AMP	100	Dr B D Bachchhav	BE (Mech) A AMP	100
Mr A R Takalkar	BE (Mech) A PDD	100	Mr A R Takalkar	BE (Mech) A PDD	100
Mr G P Lohar	SE MS Th Engg	100	Dr A V Waghmare	BE (MS) Energy Engg	100
Mr M P Bauskar	SE MS MQC	100	Mr S S Vadgeri	BE (MS) MSD	100
Dr B D Bachchhav	SE MS Mfg. Engg	100	Dr C S Dharankar	BE (MS) MV	100
Mr S R Patil	SE MS TOM	100	Mr K S Kolambe	BE (MS) Hyd & Pneu	100
Ms S S Mujawar	SE MS EEE	100	Dr M S Deshmukh	BE (MS) EAM	100
Self Study	TE MS M & Mfg Engg	100	Dr M R Phate	BE (MS) OR	100
Self Study	TE MS Ind Engg & Tech Mgt	100			

AY 2020-21 Term one Oct/Nov 2020					
Name of faculty	Class and Subject Taught	% passing	Name of faculty	Class and Subject Taught	% passing
Dr P S Gajjal	SE Mech A SOLID MECHANICS	100.00	Dr P S Gajjal	SE Mech B SOLID MECHANICS	100.00
Mr P V Deshmukh	SE Mech A SOLID MODELING & DRAFTING	100.00	Mr P S Aglawe	SE Mech B SOLID MODELING & DRAFTING	100.00
Dr M S Deshmukh	SE Mech A ENGINEERING THERMODYNAMICS	100.00	Mr A P Desale	SE Mech B ENGINEERING THERMODYNAMICS	98.80

Mr M S Swami	SE Mech A ENGG. MATERIALS & METALLURGY	100.00	Mr D S Mane	SE Mech B ENGG. MATERIALS & METALLURGY	98.80
Ms Simeen Mujawar	SE Mech A ELECTR. & ELECTRONICS ENGG.	100.00	Ms Simeen Mujawar	SE Mech B ELECTR. & ELECTRONICS ENGG.	98.80
Mr S R Patil	TE Mech A Design of Machine Elements - I	100.00	Mr R A Marne	TE Mech B Design of Machine Elements - I	100.00
Dr C S Choudhri	TE Mech A Heat Transfer	100.00	Mr M R Dahake	TE Mech B Heat Transfer	100.00
Mrs A T Thombare	TE Mech A Theory of Machines-II	100.00	Mrs A T Thombare	TE Mech B Theory of Machines-II	100.00
Mr M U Gan	TE Mech A Turbo Machines	100.00	Mr M U Gan	TE Mech B Turbo Machines	100.00
Dr B D Bachchhav	TE Mech A Metrology and Quality Control	100.00	Mr M P Bauskar	TE Mech B Metrology and Quality Control	100.00
Dr A V Waghmare	BE Mech A Hydraulics and Pneumatics	100.00	Dr A V Waghmare	BE Mech B Hydraulics and Pneumatics	100.00
Mr P V Deshmukh	BE Mech A CAD CAM Automation	100.00	Mr P S Aglawe	BE Mech B CAD CAM Automation	100.00
Dr C S Dharankar	BE Mech A Dynamics of Machinery	100.00	Mr S S Vadgeri	BE Mech B Dynamics of Machinery	100.00
Mrs M P Shah	BE Mech A Finite Elements Analysis	100.00	Mrs M P Shah	BE Mech B Finite Elements Analysis	100.00
Dr M S Deshmukh	BE Mech A HVAC	100.00	Dr M S Deshmukh	BE Mech B HVAC	100.00

Dr M R Phate	BE Mech A Operation Research	100.00	Dr M R Phate	BE Mech B Operation Research	100.00
Mr A P Desale	BE Mech A Energy Audit and Mgt	100.00	Mr K L Kumbhar	BE Mech B Energy Audit and Mgt	100.00
Dr S V Chaitanya	BE Mech A Automobile Engineering	100.00	Dr S V Chaitanya	BE Mech B Automobile Engineering	100.00
Mrs S S Patil	SE Mech Sand SOLID MECHANICS	97.53	Dr S J Navale	TE Mech Sand Heat Transfer	100.00
Mr M S Swami	SE Mech Sand SOLID MODELING & DRAFTING	98.77	Mr V S Wagare	TE Mech Sand NUM. Method & Optimization	100.00
Mr G P Lohar	SE Mech Sand ENGINEERING THERMODYNAMI CS	100.00	Mr O A More	TE Mech Sand Mechatronics	100.00
Mr N N Gotkhindikar	SE Mech Sand ENGG. MATERIALS & METALLURGY	98.77	Dr D Y Dhande	TE Mech Sand Applied Computer Aided Engg.	100.00
Mr R S Shinde	SE Mech Sand ELECTR. & ELECTRONICS ENGG.	100.00	Dr M R Phate	TE Mech Sand Machine Design	100.00

**1.9 CLASS RESULT ANALYSIS (LAST TERM) (Academic Year: 2019-20 Term: II)
Apr/May 2020**

2019-20 Term Two May 2020 Result												
S N	Class	No. Of Students									Percentage of Passing	
		App ear ed	Clear Passe d	Outstandi ng (O) (9 -10)	Excellen t (A+) (8.5 - 8.99)	Very Goo d (A) (7.5 - 8.49)	Goo d (B+) (6.5 - 7.49)	Above Avera ge (B) (5.5 - 6.49)	Average / Pass Class (4.25 - 5.49)	Fail (F) 0 - 3.99	All Clea r	Wit h ATK T
1	SE M Div A	67	34	33	1	0	0	0	0	0	50.7 5	100
2	SE M Div B	66	40	39	1	0	0	0	0	0	62.5 0	100

3	TE M Div A	67	43	31	9	0	0	0	0	0	64.18	100
4	TE M Div B	71	41	32	9	0	0	0	00	0	57.75	100
5	BE M Div A	73	66	25	37	4	0	0	0	0	90.41	
6	BE M Div B	77	73	35	31	7	0	0	0	0	94.8	
7	SE MS	67	30	26	4	0	0	0	0	0	44.78	100
8	TE MS	63	43	37	6	0	0	0	0	0	68.25	100
9	BE MS	57	55	32	21	0	0	0	00	0	96.49	

2020-21 Term One Oct/Nov 2020 Result													
S N	Class	No. Of Students										Percentage of Passing	
		App eare d	Clear Passe d	Outstandi ng (O) (9-10)	Excele nt (A+) (8.5 - 8.99)	Very Goo d (A) (7.5 - 8.49)	Goo d (B+) (6.5 - 7.49)	Above Avera ge (B) (5.5 - 6.49)	Average / Pass Class (4.25 - 5.49)		Fail (F) 0 - 3.99	All Clea r	Wit h ATK T
1 0	SE Mech A	86	86	18	59	9	--	--	--	--	0	100	100
0 2	SE Mech B	85	83	15	48	15	1	--	--	4	2	97.65	100
0 3	TE Mech A	70	68	68	--	--	--	--	--	--	2	97.00	100
0 4	TE Mech B	78	78	77	1	--	--	--	--	--	0	100	100
0 5	BE Mech A	69	68	67	--	--	--	--	--	1	--	98.55	100
0 6	BE Mech B	70	70	70	--	--	--	--	--	--	--	100	100
0 7	SE Mech SW	81	77	19	45	12	1	--	--	--	4	95.06	100
0 8	TE Mech S/W	79	79	79	--	--	--	--	--	--	--	100	100
0 9	BE Mech S/W	72	72	68	4	--	--	--	--	--	--	100	100

1.10 UNIVERSITY RANKERS (LAST ACADEMIC YEAR) (Academic Year: 20-21)

Term One			
Sr No	Name of the Ranker	Class	Rank

(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	

2. FACULTY CONTRIBUTION

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

Term One		
SN	Name of Faculty	Awards & Recognition

Term Two		
SN	Name of Faculty	Awards & Recognition
1.	Dr D Y Dhande	Recognition as a PhD guide by SPPU, Pune vide its letter number BOD/Sci.&Tech./18/158 dated 19/07/2021

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 A V Waghmare	Member, Board of Studies, Automobile and Mechanical Engineering, Savitribai Phule Pune University.
2	Dr A V Waghmare	Convener, Students' Convention, SAEINDIA WS 2021.
3	Dr C S Choudhari	Subject chairman at SPPU level for the subject of Refrigeration and Air conditioning
4.	Dr D Y Dhande	Chairman, Applied Computer Aided Engineering for Dec 2020 Examinations, TE (Mech.SW) Chairman, Research Methodology for Dec 2020 examinations, ME (Mechanical Engineering)
5	Dr B D Bachchhav	Subject chairman at SPPU level for the subjects: Manufacturing Engineering (SE MS) 2015 & 2019 Course Manufacturing Processes (TE Mechanical) 2015 course

Term Two		
SN	Name of Faculty	Nature and details of contribution (Representation at University, State, National , International level, corporate world, Social Platforms, etc)
1.	Dr D Y Dhande	1.Chairman, Applied Computer Aided Engineering for May 2021 Examinations, TE (Mech.SW) 2 .Chairman, Research Methodology for May 2021 examinations, ME (Mechanical Engineering) 3. Member, Syllabus reformation committee for Design of Machine Element, TE(Mechanical Engineering) 2019 course 4. Member, Syllabus reformation committee for AI and ML, TE(Mechanical Engineering) 2019 course 5. Member, Syllabus reformation committee for Fundamentals of Computer Aided Engineering, TE(Mechanical SW Engineering) 2019 course
2	M M Sayyad	Mentor for University Thesis Program by Konecranes
3	Dr B D Bachchhav	Subject chairman at SPPU level for the subjects: Manufacturing Engineering (SE MS) 2015 & 2019 Course Manufacturing Processes (TE Mechanical) 2015 course

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
1	S S Vadgeri	Dynamics of Machinery: BE MEHC: B	Google Drive	https://drive.google.com/drive/folders/1ft3yPUt02DEsG8PR2Rxa9X2EU98-XCV-?usp=sharing
2	V S Wagare	Numerical Methods & Optimization- TE Mech B	Google Drive	https://drive.google.com/drive/u/1/folders/1JNDR_tUyE4ufluXpsDk5K11YZnmoCZqd
3	K L Kumbhar	Energy Audit and Management BE M B	Google Drive	https://drive.google.com/drive/folders/1TYqajt-omaluBC-itD5vmzheNN2XP2Nc

4.	S S Patil	Solid Mechanics	Google Drive	https://drive.google.com/drive/folders/1l0jONZeCd -ITOmjS697LPwxA9eWrPI9
5	M P SHAH	Finite Element Analysis	Google Drive	https://drive.google.com/drive/u/0/folders/1B2_kBhfehOA3x9WD7KewzEMShRSfHtlg https://drive.google.com/drive/u/0/folders/164bOf 5-Mmza0YcBfCY_0Mcv1zhWXjK
6	N N Gotkhindikar	Engineering Metallurgy & Material Science	Website	https://nngk77engg.wordpress.com/

Term Two				
Sr No.	Name of Faculty	Title of e-content	e-content development facility/platform	link of the content
1	S S Patil	Manufacturing Process II	Google classroom	code: henz5q6
2	N N Gotkhindikar	Manufacturing Processes	Google classroom	Code: tal3crc

2.4 FDP/STTP ATTENDED BY THE DEPARTMENT FACULTY

Term ONE				
SN	Name of Faculty	Designation	Title of the Seminar/Webinar and Organised By	Duration/ Dates
1	Dr B D bachchhav	Professor	AICTE Sponsored one week online short term training program on Recent Advances IN Materials & Manufacturing: Part iii	05-10-2020 - 10-10 -2020
2	Dr B D bachchhav	Professor	Short term training program on 'Recent Advances in Materials & Manufacturing: Part i	03-08-2020 - 08-08-2020
3	Dr. A V Waghmare	Associate Professor	Faculty development program on "Website Development Using Wordpress"	14-06-2021 - 19 -06 -2021
4	Dr. A V Waghmare	Associate Professor	Faculty development program on "Outcome Based Education Software"	7/9/2020

5	Dr. A V Waghmare	Associate Professor	E-QUIZ on Total Quality Management	09-07-2020 - 16-07-2020
6	Dr. A V Waghmare	Associate Professor	Participated in virtual labs : Hands-on workshop	7/18/2020
7	Dr. A V Waghmare	Associate Professor	Human Rights & Duties in Pandemic era	7/5/2020
8	Dr. A V Waghmare	Associate Professor	National Seminar on Ancient Indian Science and Technology	7/13/2020
9	Dr. A V Waghmare	Associate Professor	Program "Coffe & Conversation with Alumni"	8/5/2020
10	Dr. A V Waghmare	Associate Professor	A Session "Factory automation and Manufacturing automation'	7/9/2020
11	Dr. A V Waghmare	Associate Professor	Webinar on W1- Vision Mission and PEOS FOR Technical	7/7/2020
12	Dr. A V Waghmare	Associate Professor	Expectation of Industry Vs Education Systems Preparedness	7/10/2020
13	Dr. A V Waghmare	Associate Professor	Webinar on W3 - Course outcomes and domains of learning	7/14/2020
14	Dr. A V Waghmare	Associate Professor	Webinar W7-Information required for student performance	8/6/2020
15	Dr. A V Waghmare	Associate Professor	Webinar W8- Compiling faculty information and contribution	8/13/2020
16	Dr. A V Waghmare	Associate Professor	Webinar W9-continuous improvement institutional governance and support system	8/18/2020
17	Dr. A V Waghmare	Associate Professor	Webinar W12-Action plan to prepare institute for accreditation	8/27/2020
18	Dr. A V Waghmare	Associate Professor	Special lecture on "Human Rights & Duties in Pandemic era'	7/5/2020
19	Dr. A V Waghmare	Associate Professor	A Session "Factory automation and Manufacturing automation'	7/9/2020
20	Dr. A V Waghmare	Associate Professor	Virtual labs : hands on workshop	7/18/2020
21	Dr M R Phate	Professor	AICTE AQIS Sponsored short term training program on "Advances in additive manufacturing"	24-08-2020 - 29-08-2020
22	Dr M R Phate	Professor	AICTE Sponsored one week online short term training program on "Recent advances in materials and manufacturing :part 1"	03-08-2020 - 08-08-2020
23	Dr M R Phate	Professor	One- week online faculty development program on "Research methodology tools and techniques(RMTT)	29-05-2020 - 02-06-2020
24	Dr D Y Dhande	Professor	6 days AICTE sponsored online STTP series on recent advances in tribology and surface engineering : series 3 of 4	12-10-2020 - 17-10-2020
25	Dr D Y Dhande	Professor	One week TEQIP sponsored online faculty development programme on application of FEA & CFD using ANSYS	13-06-2020 - 17-06-2020
26	Dr D Y Dhande	Professor	FDP on "FEM/CFD"	14-10-2020 - 18-10-2020
27	Dr D Y Dhande	Professor	FDP on "Tribology in Design and Manufacturing"	23-11-2020 - 27-11-2020
28	Dr D Y Dhande	Professor	6 days AICTE sponsored STTP Series on "Recent Advances in Tribology and Surface	14-09-2020 - 19-09-2020

			Engineering : SERIES 2 OF 4- Tribology of machine components abd applied tribology	
29	Dr D Y Dhande	Professor	AICTE Sponsored six days STTP on "Developing Research and Development Culture in industry institute interaction oriented modern teching learning & project based learning'	14-09-2020 - 19-09-2020
30	Dr D Y Dhande	Professor	virtual international short term course on tribology & sustainability	24-08-2020 - 28-08-2020
31	Dr D Y Dhande	Professor	AICTE Sponsored one week STTP on "Advances in tribology"	04-11-2019 - 09-11-2020
32	Dr D Y Dhande	Professor	6 Days AICTE Sponsored STTP Series on Recent advances in tribology and surface engineering series 1 of 4	17-08-2020 - 22-08-2020
33	Dr D Y Dhande	Professor	virtual international short term course on tribology & sustainability	24-08-2020 - 28-08-2020
34	Dr D Y Dhande	Professor	Webinar series on Recent Research trends in tribology	03-08-2020 - 07-08-2020
35	Dr D Y Dhande	Professor	12th summer scholl in tribology in a webinar	21-07-2020 - 25-07-2020
36	Dr M S Deshmukh	Asscoiate Professor	Webinar series on fundamental of combustion	15-06-2020 - 18-06-2020
37	Dr M S Deshmukh	Asscoiate Professor	Webinar on 'Role of curriculum design anddevelopment in quality education'	7/12/2020
38	Dr M S Deshmukh	Asscoiate Professor	National level online quiz on E-learning	6/17/2020
39	Dr M S Deshmukh	Asscoiate Professor	Leadership talk with mahesh babu ceo mahindra electric mobility ltd	
40	Dr.S.V.Chaitanya	Associate Professor	FDP "3D Printing & Design"	24-08-2020 - 28-08-2020
41	Dr.S.V.Chaitanya	Associate Professor	FDP on " Leadership & Excellence"	07-09-2020 - 11-09-2020
42	Dr.S.V.Chaitanya	Associate Professor	FDP on Design Thinking"	21-06-2021 - 25-06-2021
43	Dr.S.V.Chaitanya	Associate Professor	Awareness webinar on outcome based education and accreditation	11/27/2020
44	Dr.S.V.Chaitanya	Associate Professor	Webinar W8 - COMPLING FACULTY INFORMATION AND CONTRIBUTION	8/13/2020
45	Dr.S.V.Chaitanya	Associate Professor	Webinar W10- APPLYING FOR ACCREDITATION	8/20/2020
46	Dr.S.V.Chaitanya	Associate Professor	Webinar W11- PLANNING REQUIRED DURING THE VISIT AND POST - VISIT ACTIVITIES	8/25/2020
47	Dr.S.V.Chaitanya	Associate Professor	Webinar W12 - ACTION PLAN TO PREPARE INSTITUTE FOR ACCREDITATION	8/27/2020
48	Dr.S.V.Chaitanya	Associate Professor	WEBINOR ON HOW TO PUBLISH PAPERS IN HIGH RANKING JOURNALS	9/19/2020
49	Dr.S.V.Chaitanya	Associate Professor	Webinar on ROLE OF PROFESSIONAL STUDENT CHAPTER IN ENHANCING ENGG STUDENTS CAREER GROWTH AND INCREASING OPPORTUNITIES	6/26/2021
50	Dr.S.V.Chaitanya	Associate Professor	WEBINAR MEMS AND APPLICATIONS	9/19/2020
51	Dr.S.V.Chaitanya	Associate Professor	WEBINAR ON EMOTIONAL INTELLIGENCE & NEURO BALANCING	7/18/2020

52	Mr P V Deshmukh	Assistant Professor	ONE WEEK FACULTY DEVELOPMENT PROGRAM QCAD	27-07-2020 - 31-07-2020
53	Mr P V Deshmukh	Assistant Professor	FDP ON 3D PRINTING & DESIGN	02-11-2020 - 06-11-2020
54	Mr P V Deshmukh	Assistant Professor	ONLINE TECHING	2020-21
55	Mr P V Deshmukh	Assistant Professor	COLLABORATIVE WORKING IN A REMOTE TEAM	2020-21
56	Mr P V Deshmukh	Assistant Professor	DIGITAL SKILLS ARTIFICIAL INTELLIGENCE	2020-21
57	Dr C S Dharankar	Assistant Professor	FDP on electric vehicles	05-10-2020 - 09-10-2020
58	Dr C S Dharankar	Assistant Professor	four day online workshop on "Fundamental vehicle dynamics and practical know how of vehicle engineering with introductory coverage of electric and hybrid vehicle"	25th 26th -09-2020 - 03th 04th -10-2020
59	Mr M U Gan	Assistant Professor	One week FDP ON "Research in energy technologies"	06-07-2020 - 11-07-2020
60	Mr M U Gan	Assistant Professor	FDP on " electric vehicle its prespectives & issues"	19-08-2020 - 21-08-2020
61	Mr M U Gan	Assistant Professor	virtual labs hands on workshop	7/18/2020
62	Ashvini Tanaji Thombare	Assistant Professor	One week online FDP on 'Recent developments in vibration and acoustics'	10-08-2020-14-08-2020
63	Ashvini Tanaji Thombare	Assistant Professor	One week National level online FDP on "Recent trends in mechatronics and automation"	30-06-2020 - 04-07-2020
64	Ashvini Tanaji Thombare	Assistant Professor	Three days FDP on "Electric vehicle its prespectives & issues"	19-08-2020 - 21-08-2020
65	Ashvini Tanaji Thombare	Assistant Professor	AICTE sponsored one week online STTP on "Recent advances in materials and manufacturing part 1"	03-08-2020 - 08-08-2020
66	Ashvini Tanaji Thombare	Assistant Professor	Webinar W5- prepare course and programme articulation matrices	7/23/2020
67	Ashvini Tanaji Thombare	Assistant Professor	Webinar w4 - assessment of Cos POS AND PSOs	7/21/2020
68	Ashvini Tanaji Thombare	Assistant Professor	Webinar w8- compiling faculty iformation and contribution	8/13/2020
69	Ashvini Tanaji Thombare	Assistant Professor	Webinar w9 - continuous improvement insitutional governance and support system	8/18/2020
70	Mr M S Swami	Assistant Professor	AICTE sponsored one week online STTP on "Recent advances in materials and manufacturing part 1"	03-08-2020 - 08-08-2020
71	Mr M S Swami	Assistant Professor	FDP ON electric vehicle its perspectives & issues	19-08-2020 - 21-08-2020
72	Mrs M P Shah	Assistant Professor	One week National level online FDP on "Recent trends in mechatronics and automation"	30-06-2020 - 04-07-2020
73	Mrs M P Shah	Assistant Professor	AICTE sponsored one week online STTP on "Recent advances in materials and manufacturing part 1"	03-08-2020 - 08-08-2020
74	Mrs M P Shah	Assistant Professor	AICTE sponsored online STTP on 'software tools used in finitr elements analysis'	03-08-2020 - 08-08-2020
75	Mrs M P Shah	Assistant Professor	National level one week online FDP on "Advanced teaching tools, Techniques and methodologies for outcome based education"	01-06-2020 - 05-06-2020

76	Mrs M P Shah	Assistant Professor	Three days FDP on "electric vehicle its prespectives & issues"	19-08-2020 - 21-08-2020
77	Dr M R Dahake	Assistant Professor	One week STTP on "perspective on bharat stages VI norms in IC engines"	24-08-2020 - 29-08-2020
78	Dr M R Dahake	Assistant Professor	FDP on electric vehicles	05-10-2020 - 09-10-2020
79	Mr M P Bauskar	Assistant Professor	FDP on "electric vehicles its prespectives & issues"	19-08-2020- 21-08-2020
80	Mr M P Bauskar	Assistant Professor	FDP on electric vehicles	05-10-2020- 09-10-2020
81	Mr M P Bauskar	Assistant Professor	webinar on six sigma	24-Oct-20
82	Mr M P Bauskar	Assistant Professor	NPTEL Online certification "introduction to composites"	Sep to Dec 2020
83	Mr O A More	Assistant Professor	National level online quiz on QUALITY MANAGEMENT PRACTICES USED IN INDUSTRIES	20-06-2020 - 25-06-2020
84	Mr O A More	Assistant Professor	International technical symposium on "OPPORTUNITIES & CHALLENGES IN INDUSTRY 4.0"	15-06-2020 - 17-06-2020
85	Mr O A More	Assistant Professor	Webinar W10-APPLYING FOR ACCREDITATION	8/20/2020
86	Mr O A More	Assistant Professor	Webinar BEST PRACTICES IN AUTONOMY - AUTOMATION OF ACADEMIC EXAMINATION DEPARTMENT PROCESSES END TO END	29-Jun-20
87	Mr O A More	Assistant Professor	WEBINAR ON ENHANCING QUALITY CULTURE IN TECHNICAL INSTITUTES THROUGH ONLINE TEACHING FOR OUTCOME BASED TEACHING	7/5/2020
88	Mr G P Lohar	Assistant Professor	FDP ON electric vehicles its prespectives & issues	19-08-2020 - 21-08-2020
89	Dr. Mrs P S Gajjal	Associate Professor	Five days online FDP on "RESEARCH IN ENGINEERING A WAY FORWARD"	06-07-2020 - 10-07-2020
90	Dr. Mrs P S Gajjal	Associate Professor	FDP ON ELECTRIC VEHICLES	05-10-2020- 09-10-2020
91	Dr. Mrs P S Gajjal	Associate Professor	Five days online FDP on 'RESEARCH TECHNIQUES AND SUSTAINABLE DEVELOPMENT IN MECHANICAL ENGINEERING'	29-06-2020- 03-07-2020
92	Dr. Mrs P S Gajjal	Associate Professor	Five day online FDP on 'SUSTAINABLE MOBILITY SOLUTIONS IN THE INDIAN CONTEXT'	27-07-2020 - 31-07-2020
93	Dr. Mrs P S Gajjal	Associate Professor	STTP on "ADVANCES IN ADDITIVE MANUFACTURING"	20-07-2020 - 25-07-2020
94	Dr. Mrs P S Gajjal	Associate Professor	AICTE AQIS sponsored one week STTP -Part- I on "PERSPECTIVE ON BHARAT STAGE (BS)VI NORMS IN IC ENGINES"	24-08-2020 - 29-08-2020
95	Dr. Mrs P S Gajjal	Associate Professor	AICTE-ISTE approved orientation/refresher programme on "Emerging trends in refrigeration and air -conditioning"	17-05-2021 - 22-05-2021
96	Dr. Mrs P S Gajjal	Associate Professor	NPTEL-AICTE FDP FUNDAMENTAL OF ARTIFICIAL INTELLIGENCE	SEP-DEC 2020
97	Dr. C S Choudhari	Associate Professor	FDP ON ELECTRIC VEHICLES	05-10-2020- 09-10-2020

98	Mr R A Marne	Assistant Professor	Coursera -PYTHON BASICS FOR DATA SCIENCE	6/22/2021
99	Mr R A Marne	Assistant Professor	COURSERA PYTHON DATA STRUCTURES	10/24/2020
100	Dr M M Sayyad	Assistant Professor	FDP ON GREEN TECHNOLOGY & SUSTAINABILITY ENGINEERING	05-10-2020 - 09-10-2020
101	Dr M M Sayyad	Assistant Professor	FDP on " Augmented Reality & virtual reality"	21-06-2021 - 25-06-2021
102	Dr M M Sayyad	Assistant Professor	NPTEL NUMERICAL METHODS FOR ENGINEERS	05-10-2020 - 09-10-2020
103	MR S S VADGERI	Assistant Professor	5 Days VIRTUAL INTERNATIONAL SHORT TERM COURSE ON TRIBOLOGY & SUSTAINABILITY	24-08-2020 - 28-08-2020

Term TWO				
SN	Name of Faculty	Designation	Title of the Seminar/Webinar and Organised By	Duration/ Dates
1	Dr B D bachchhav	Professor	FDP on "3D Printing & Design"	14-12-2020 - 18 - 12-2020
2	Dr. A V Waghmare	Associate Professor	Faculty development program on Advanced Excel With DATA Visualization	11-01-2021 - 16-01-2021
3	Dr M R Phate	Professor	Online workshop on "Multi criteria decision making optimization techniques using ms excel'	09-06-2020 - 10-06-2020
4	Dr D Y Dhande	Professor	FDP on " Recent Advances in AI & robotics	25-04-2021 - 29-04-2021
5	Dr D Y Dhande	Professor	Faculty Development Program on "Research & Quality Publication : Practices and Tools	20-12-2020 - 24-12-2020
6	Dr D Y Dhande	Professor	One week national workshop on NAAC Accreditation process	15-04-2021 - 22-04-2021
7	Dr D Y Dhande	Professor	Online workshop on research development innovation ethics	17-05-2021 - 19-05-2021
8	Dr D Y Dhande	Professor	a webinar on AI/ML and data science : market potential and opportunities	5/28/2021
9	Dr D Y Dhande	Professor	research study to Evolve mentoring system for faculty members	jan to march 2021
10	Dr D Y Dhande	Professor	National level webinar on "Industry intership a way forward to acquire industry skills'	5/25/2021
11	Dr D Y Dhande	Professor	national level webinar on start ups and innovation	5/28/2021
12	Dr M S Deshmukh	Asscoiate Professor	One week national level FDP on "Advances in renewable energy'	05-05-2021 - 09-05-2021
13	Dr M S Deshmukh	Asscoiate Professor	One week online STTP on "Techniques for promoting creativity and innovation among students'	24-05-2021 - 28-05-2021
14	Dr M S Deshmukh	Asscoiate Professor	Webinar on study opportunities in usa post covid -19	6/3/2020
15	Dr M S Deshmukh	Asscoiate Professor	leadership talk	6/6/2020
16	Dr M S Deshmukh	Asscoiate Professor	Leadership talk with Dr Nilesh N Oak expert indian civilization & history	5/30/2020
17	Dr.S.V.Chaitanya	Associate Professor	TWO WEEK TRAINING IN CHANDALA INDUSTRIAL PLASTICS PVT.LTD	05-12-2020 - 25-01-2021

18	Dr S R Patil	Assistant Professor	Online STTP on "NOISE AND VIBRATION CONTROL OF INDUSTRIAL ROTARY MACHINES'	15-03-2020 - 20-03-2020
19	Dr S R Patil	Assistant Professor	FDP ON ENGINEERING LAW	18-01-2021 - 22-01-2021
20	Mr P V Deshmukh	Assistant Professor	National level FDP on "ELECTRIC VEHICLES : PRESENT STATUS AND FUTURE PROSPECTS'	06-05-2021 - 08-05-2021
21	Mr P V Deshmukh	Assistant Professor	Online workshop on "NBA AWARENESS'	11-05-2021 - 14-05-2021
22	Dr C S Dharankar	Assistant Professor	FDP on engineering law	18-01-2021 - 22-01-2021
23	Mr P S Aglawe	Assistant Professor	One week online FDP on "Data science with R programming for data analytics	4-06-2020 - 09-06-2020
24	Mr P S Aglawe	Assistant Professor	One week faculty development program on product design & novelty	06-06-2020- 10-06-2020
25	Mr M S Swami	Assistant Professor	online FDP on CFD	04-01-2021 - 08-01-2021
26	Mr M S Swami	Assistant Professor	ARPIT course for career advancement scheme (CAS) PROMOTIN refresher course on teacher and teching in higher education	01-12-2020 - 31-03-2021
27	Mr M S Swami	Assistant Professor	NPTEL-AICTE FDP "Introduction to research"	Feb-Apr 2021
28	Dr M R Dahake	Assistant Professor	National workshop on "intellectual property rights and ip management for start ups"	27-04-2021 - 28-04-2021
29	Dr M R Dahake	Assistant Professor	AICTE-ISTE approved orientation/refresher programme on "Emerging trends in refrigeration and air -conditioning'	17-05-2021 - 22-05-2021
30	Mr M P Bauskar	Assistant Professor	One week online FDP on "Advanced teaching tools techniques and methodologies for outcome based education"	01-06-2020- 05-06-2022
31	Mr M P Bauskar	Assistant Professor	Four day online training program on "Geometric dimensioning and tolerancing'	23-02-2021 - 26-02-2021
32	Mr M P Bauskar	Assistant Professor	Syllabus implementation workshop for the course of Manufacturing processes (20205) & Machine shop (202051)	2/23/2021
33	Mr M P Bauskar	Assistant Professor	webinar on industry integration	3/3/2021
34	Mr O A More	Assistant Professor	FDP ON ENGINEERING LAW	18-01-2021 - 22-01-2021
35	Mr O A More	Assistant Professor	One week online FDP on 'PRODUCT DESIGN & NOVELTY'	06-06-2020 - 10-06-2020
36	Mr O A More	Assistant Professor	National level one week online FDP on "Advanced teaching tools, Techniques and methodologies for outcome based education"	01-06-2020 - 05-06-2020
37	Mr O A More	Assistant Professor	WEBINAR ON PART TOLERANCE STACK AND ITS STUDY	6/7/2020
38	Mr G P Lohar	Assistant Professor	One week AICTE-ISTE Sponsored refresher program on "Recent development in advance materials"	05-03-2021- 10-03-2021
39	Dr. Mrs P S Gajjal	Associate Professor	FDP ON SYSTEMS ENGINEERING	01-02-2021 - 05-02-2021
40	Dr. C S Choudhari	Associate Professor	FDP ON ADVANCED TEACHING TOOLS , TECHNIQUES & METHODOLOGIES FOR OUTCOME BASED EDUCATION	01-06-2020 - 05-06-2020

41	Dr. C S Choudhari	Associate Professor	5 Days National level virtual FDP on REVISED NAAC ACCREDITATION GIIDELINES	01-06-2021 - 05-06-2021
42	Dr. C S Choudhari	Associate Professor	TEQIP 3 Sponsored 5 days online FDP on 'ADVANCES IN HEALTH 5.0 IN LINE WITH NEP 2020"	22-03-2021 - 26-03-2021
43	Dr. C S Choudhari	Associate Professor	FDP ON ALTERNATE FUELS	08-02-2021 - 12-02-2021
44	Dr. C S Choudhari	Associate Professor	One week national workshop on "NAAC ACCREDITATION PROCESS"	15-04-2021 - 22-04-2021
45	Dr M M Sayyad	Assistant Professor	FDP ON 3D PRINTING & DESIGN	07-12-2020 - 11-12-2020
46	Dr M M Sayyad	Assistant Professor	WEBINAR ON STRESS MANAGEMENT	5/23/2021
47	Dr M M Sayyad	Assistant Professor	WEBINAR ON QUALITY SUSTENANCE IN HIGHER EDUCATIONAL INSTITUTIONS	5/10/2021
48	Dr M M Sayyad	Assistant Professor	COURSERA INDRODUCTION TO ENGINEERING MECHANICS	12/22/2020
49	Mr N N Gotkhindikar	Assistant Professor	FDP ON ADVANCED TEACHING TOOLS TECHNIQUES AND METHODOLOGIES FOR OUTCOME BASED EDUCATION	01-06-2020 - 05-06-2020
50	Mr N N Gotkhindikar	Assistant Professor	FDP ON 3D PRINTING & DESIGN	01-02-2021 - 05-02-2021
51	MR S S VADGERI	Assistant Professor	STTP on "DIGITAL TRANSFORMATION'	11-06-2020 - 13-06-2020
52	MR S S VADGERI	Assistant Professor	FDP ON ENHANCING RESEARCH WORK OF PHD ASPIRANTS THROUGH SYSTEMATIC APPORCH	08-06-2020 - 10-06-2020

2.5 SEMINARS/ WORKSHOPS/ WEBINARS ATTENDED BY THE DEPARTMENT FACULTY

Term One				
S N	Name of Faculty	Title of the Seminar/Webinar	Organized By	Duration/ Dates
1	Dr B D Bachchhav	Introduction to NDT- A Tool for Quality Assurance of Industrial Product at Manufacturing Stage	AISSMS COE	12 August 2020
2	Dr B D Bachchhav	W 8: Compiling faculty information and contribution	NITTTR Bhopal	13 August 2020
3	Dr B D Bachchhav	W 10: Applying for Accreditation	NITTTR Bhopal	20 August 2020
4	Dr B D Bachchhav	National Education Policy 2020- Strategies and Framework for Autonomy	NITTTR Bhopal	15 October 2020
5	Mr M P Bauskar	Part Tolerance stack Its study	AISSMS COE	07 July 2020

		webinar		
6	Mr M P Bauskar	Exploring Microsoft Teams:An Online Teaching Platform webinar	AISSMS COE	15 July 2020
7	Dr M M Sayyad	Webinar on Renewable Energy Projects - Management and Challenges		03-Nov-20
8	Dr M M Sayyad	Virtual conference on global education dynamics: IDP Education Conclave		05-06 Nov 20
9	Dr M M Sayyad	Webinar on "Mystery Behind the Successful Entrepreneur"	AISSMS COE	24 October 2020
10	Dr C S Choudhari	Webinar on National education policy	NSS, AISSMS COE Pune	September 23, 2020
11	Dr C S Coudhari	Webinar on Empowering Women Professionals	VISHAKHA CELL AISSMS COE PUNE	September 04, 2020
12	Mr N N Gotkhindikar	Webinar on "Adapting yourselves in IT and Surviving with the Technology updates"	Francis Xavier Engineering College, Tirunelveli	21/07/2020
13	Mr N N Gotkhindikar	W 8: Compiling faculty information and contribution	NITTTR Bhopal	13 August 2020
14	Mr N N Gotkhindikar	W 11: Planning required during the visit and post visit Activities	NITTTR Bhopal	25 August 2020

15	Mr N N Gotkhindikar	W 12:Action plan to prepare institute for accreditation	NITTTR Bhopal	27 August 2020
16	Mr N N Gotkhindikar	National Webinar on "Effective and efficient writing of research papers for web of science,Scopus indexed journal and Conference papers using Typeset Research Studio"	AISSMS COE	01/07/2020
17	Mr N N Gotkhindikar	National Webinar on NBA Preparation and CO PO Mapping	SVPM COE Baramati	28/06/2020
18	Mr N N Gotkhindikar	National webinar on "Introduction to Product Lifecycle Management"	PCCOE, Pune	23/06/2020
19	Mr N N Gotkhindikar	Webinar on "Exploring Microsoft Teams:An Online Teaching Platform"	AISSMS COE	15/07/2020
20	Mr N N Gotkhindikar	National-Level Webinar on "Opportunities for Engineers in Indian Armed Forces" by "Capt.Tanuja Kabre"	K J Somayya COE, Sion , Mumbai	18/07/2020

21	Mr N N Gotkhindikar	National Level Webinar on "Computational Fluid Dynamics: Applications in the Engineering World"	AISSMS COE	15/09/2020
22	Mr N N Gotkhindikar	A Webinar on "Paradigms for Peak Performance-Mindset for Excellence & Unparalleled Growth"	AISSMS COE	14/09/2020
23	Mr N N Gotkhindikar	Panel discussion on Role of professional bodies in engineering	Ishrae Pune chapter MMCOE	14/09/2020
24	Mr N N Gotkhindikar	Online Workshop on Rapid Prototyping	Guru Gobind Singh College of Engineering and Research Centre, Nashik	07/10/2020 to 10/10/2020
25	Mr N N Gotkhindikar	Syllabus Implementation Workshop for the course of " Engineering Materials & Metallurgy"	AISSMS COE	19/06/2020
26	Mr N N Gotkhindikar	Syllabus Implementation Workshop for the course of " Solid Mechanics"	MES COE	17/06/2020

27	Dr P S Gajjal	W 10: Applying for Accreditation	NITTR Bhopal	20 August 2020
28	Dr P S Gajjal	Syllabus Implementation Workshop for the course of "Solid Mechanics"	MES COE	17/06/2020
29	Dr P S Gajjal	National webinar on "Introduction to Product Lifecycle Management"	PCCOE, Pune	23/06/2020
30	Dr P S Gajjal	Webinar on Empowering Women Professionals	VISHAKHA CELL AISSMS COE PUNE	September 04, 2020
31	Dr P S Gajjal	Webinar on NEP Strategies and Framework for Autonomy	NITTR Bhopal	Oct 15, 2020
38	Dr D Y Dhande	W2 : Evolving and Aligning teaching learning process for implementing engineering syllabus	NITTR Bhopal	09/07/2020
39	A t Thombare	FDP on Introduction to Mechanical Vibration	NPTEL, IIT Madras	Sep-Nov 2020
40	Dr D Y Dhande	W1 : Vision, Mission and PEOs for Technical Institutions	NITTR Bhopal	07/07/2020
41	Dr D Y Dhande	W3: Course Outcomes and Domain Learning	NITTR Bhopal	14/07/2020
42	Dr D Y Dhande	W4: Assessment of CO,PO and PSOs	NITTR Bhopal	21/07/2020
43	Dr D Y Dhande	W5: Prepare Course and Program Articulation Matrix	NITTR Bhopal	23/07/2020

44	Dr D Y Dhande	W6: Development and use of rubrics for effective assessment	NITTR Bhopal	28/07/2020
45	M U GAN	A National Level Webinar on "Introduction to NDT - A Tool for Quality Assurance of Industrial Products at Manufacturing Stage"	AISSMSCOE	12 AUG 2020
46	S S Vadgeri	Webinar on "Exploring Microsoft Teams:An Online Teaching Platform"	AISSMS COE	15/07/2020
47	S S Vadgeri	National Level Webinar on "Computational Fluid Dynamics: Applications in the Engineering World"	AISSMS COE	15/09/2020
48	S S Vadgeri	A Webinar on "Paradigms for Peak Performance-Mindset for Excellence & Unparalleled Growth"	AISSMS COE	14/09/2020
49	S S Vadgeri	Syllabus Implementation Workshop for the course of " Engineering Materials & Metallurgy"	AISSMS COE	19/06/2020
50	S S Vadgeri	5- Day online Workshop on PTC CREO	GGSCOER Nashik	22/09/2020 to 26/09/2020
51	S S Vadgeri	Two Days National e Workshop on Tribology for Sustainable Development	SVIT Nashik	23/10/2020 & 24/10/2020
52	S S Vadgeri	webinar on "Bharat Stage Emission Standards and Successive Changes in Vehicles"	RMDSOIE Pune	18/07/2020
53	S S Vadgeri	Webinar on "Stress Management through Physical Fitness and Social wellness" The need for Covid Pandemic	KLS Belgavi (KA)	28/07/2020

54	M R Dahake	Stress Management at Workplace	GGSCOER Nashik	05/08/2020
55	M R Dahake	Scope in Automotive Industry	SSPM's SPCOE&T Pune	23/07/2020
56	M R Dahake	How to Write Research Paper	SCOE Pune	18/07/2020
57	M R Dahake	Exploring Microsoft Teams : An Online Teaching Platform	AISSMSCOE Pune	15/07/2020
58	K L Kumbhar	W 8: Compiling faculty information and contribution	NITTTR Bhopal	13 August 2020
59	K L Kumbhar	Online workshop on "Corrosion and its Control"	Dr. D Y Patil Institute of Engineering, Management & Research, Akurdi	2nd June 2020 to 4th June 2020
60	K L Kumbhar	State Level Workshop on "Latex"	Matoshri College of Engineering & Research Centre, Nashik	6th June to 7th June 2020
61	K L Kumbhar	Two Day Workshop on "Easy implementation of LMS in your Institutions"	Skill to Hire	25th - 26th July 2020
62	K L Kumbhar	TEQIP III webinar series on "Recent Research Trends in Tribology"	GMIT, Guwahati	03rd - 07th August 2020
63	K L Kumbhar	Webinar on "Energy Audit & Energy Management"	INDUS UNIVERSITY INSTITUTE OF TECHNOLOGY & ENGINEERING	14th June 2020

64	K L Kumbhar	webinar series on "Fundamentals of Combustion"	Pimpri Chinchwad College of Engineering	15th to 18th June 2020
65	K L Kumbhar	Webinar on "Role of Mechanical Engineer in Project Engineering and Management"	Sandip Institute of Technology and Research Centre, Nashik	21st June 2020
66	K L Kumbhar	Webinar on "How to write and Publish 50,000 + conference papers effectively and efficiently using TYPESET Research Studio"	Rajarambapu institute of Technology, Islampur	22nd June 2020
67	K L Kumbhar	Webinar on "Effective and efficient writing of research papers for web of science, Scopus indexed journal and Conference papers using Typeset Research Studio"	AISSMS CoE	1st July 2020
68	K L Kumbhar	Webinar on "Research Developments in Composite Materials"	Kuppam Engineering College, Kuppam	15th August 2020
69	K L Kumbhar	W11- Planning Required During the visit and post visit activities	NITTTR, Bhopal	25th Aug 2020
70	M P Shah	Automotive Systems and Technologies: Embrace The Future - Session No. 5		18/07/2020
71	M P Shah	Automotive Systems and Technologies: Embrace The Future - Session No. 4		18/07/2020
72	M P Shah	Webinar on "Automotive Systems and Technologies: Embrace The Future" - Session No.		04/07/2020
73	M P Shah	"W6: Webinar on Development and use of Rubric for effective assessment",	organized by NITTTR, Bhopal	28/7/20

74	M P Shah	Attended webinar on Emotional Intelligence and the art of Neuro balancing” on 18 July 2020 (Saturday)	organized by INDUS University, Ahmedabad	18/7/20
75	M P Shah	Attended webinar on W-7: Information required for Student performance on 6 Aug. NITTTR Bhopal	NITTTR Bhopal	6/8/20
76	M P Shah	W9-webinar NITTTR Bhopl	NITTTR Bhopal	18/8/20
77	M P Shah	Department of Mechanical Engineering of SND College of Engineering and Research Center, Yeola is organizing a webinar on “MATLAB & Simulink Fundamentals”		17/8/20
78	M P Shah	FSDP on SUCCESS & YOU, AISSMSCOE		28-29 August 2020*+
79	M P Shah	Webinar on empowering women's professionals, AISSMSCOE	AISSMSCOE	4/9/20
80	M P Shah	Webinar program on National Education Policy 2020	AISSMSCOE	8/9/20
81	M P Shah	National level webinar on "Computational Fluid Dynamics: Application in engineering world "		15/9/20
82	M P Shah	Webinar on “Paradigms for Peak Performance-Mindset for Excellence & Unparalleled Growth”		14/9/20
83	M P Bauskar	Webinar on Machine Learning	PGM COE	22 July 2020
84	M P Bauskar	Best Practices in Autonomy-Automation of Academic & Examination Department Processes End to End	Ion Idea	29 June 2020

85	M P Bauskar	Introduction to NDT- A Tool for Quality Assurance of Industrial Product at Manufacturing Stage	AISSMS COE	12 August 2020
86	Dr. M. S. Deshmukh	A webinar on “Implementation of National Education Policy 2020”	AISSMSCOE	on March 31, 2021
87	Dr. M. S. Deshmukh	A webinar on 360 degree feedback organised	AICTE	on 12/04/2021
88	Dr. M. S. Deshmukh	A webinar on ‘Symbol of Knowledge” by Dr Milind Kamble	AISSMS	on 14/04/2021
89	Dr. M. S. Deshmukh	A webinar on “FundRaising Tips for Agri Start-Ups”	Manage CIA	on 17 Apr 2021
90	Dr. M. S. Deshmukh	Attended world IP day special Session on “ Why IP is important in academia? ” by Dr Abhay Jere	AICTE MIC program	26th April 2021
91	Dr. M. S. Deshmukh	Attended Innovation Cell Talk-“From your Ph.D./ Master’s Thesis to a start-up” by Dr. Anand Deshpande, Founder, and CMD, Persistent Systems.	AICTE MIC program	on 23/04/2021.

Term Two				
S N	Name of Faculty	Title of the Seminar/Webinar	Organized By	Duration/ Dates
1	Dr B D Bachchhav	A national level webinar on ‘Quality sustenance in Higher Education”	AISSMS College of Engineering	10/05/2021
2	Dr M M Sayyad	Webinar on Biomechanics of suryanamaskar posture	AISSMS COE	22.12.2020
3	Dr M M Sayyad	35th Indian Engineering Congress	Instt of Engineers	18.12 to 20.12.2020
4	Dr M M Sayyad	ONLINE SYLLABUS IMPLEMENTATION WORKSHOP ON KINEMATICS OF MACHINERY 2019 COURSE	Department of Mechanical Engineering, VPKBIET, Baramati	Feb 18, 2021
5	Dr M M Sayyad	National webinar on Quality Sustenance in Higher Education	AISSMS’s College of Engineering, Pune	10th May 2021

6	Dr M M Sayyad	Guiding Students to Select Meaningful Engineering Projects		06/05/2021
7	Dr M M Sayyad	Yoga for Prevention from Covid-19	AISSMS's COE	9th May 2021
16	M P Bauskar	Webinar on Six Sigma	AISSMS COE	24 Oct 2020
17	M P Bauskar	Introduction to Geographical Indication	MLR IOT	21 Jan 2021
18	M P Bauskar	Webinar On PBL	VIT	23 Jan 2021
19	M P Bauskar	Syllabus Implementation Workshops on MP & MS	AISSMSCOE with SPPU	23 Feb 2021
20	M P Bauskar	4 Day Training Program on GDNT	AISSMSCOE	23 Feb to 26 Feb 2021
21	M P Bauskar	Webinar event" Symbol of Knowledge	AISSMSCOE	14 April 2021
22	M P Bauskar	National webinar on Quality Sustenance in Higher Education	AISSMS's College of Engineering, Pune	10th May 2021
23	M M Sayyad	Webinar on 'Stress Management' organized by Department Of E&TC	AISSMS College Of Engineering, Pune in association with AISSMS COE IEEE Student Branch, IEI & ISTE Chapters	23 May 2021
24	M M Sayyad	National webinar on Quality Sustenance in Higher Education	AISSMS's College of Engineering, Pune	10th May 2021
25	Dr. M. S. Deshmukh	Attended webinar " Conversation with Alumni-Siddarth Kulkarni-Pari Robotics"	AISSMSCOE	21May2021
26	Dr. M. S. Deshmukh	Attended webinar on" Patent Process overview"	AISSMSCOE	23May2021
27	M M Sayyad	A Webinar on "Employability Skills For Industry 4.0 "	AISSMSCOE	31 May 2021
28	Dr D Y Dhande	Webinar on Biofuels	SAE Western India section.	03/04/2021

29	Dr D Y Dhande	Webinar on “KS Webinar on Your routine in the Corona period: Do's and Don'ts”	AICTE	12/04/2021
30	Dr D Y Dhande	Webinar on 360 degree feedback	AICTE	12/04/2021
31	Dr D Y Dhande	Live webinar interaction with Prof N J Rao and Prof K Rajanikanth on NBA	NATE	15.04.202.
32	Dr D Y Dhande	Attended webinar on Innovation Cell Talk-“From your Ph.D./ Master’s Thesis to a start-up” by Dr. Anand Deshpande, Founder, and CMD, Persistent Systems	AICTE MIC	23/04/2021
33	Dr D Y Dhande	National level webinar on “Sustenance of quality in higher education institutes” by Dr Dharmadhikari N S	IQAC, AISSMS COE, Pune	10/05/2021
34	Dr D Y Dhande	Webinar on AI/ML and data science: market Potential and opportunities on	AISSMS COE	28/05/2021
35	Mr N N Gotkhindikar	Webinar on “Employability Skills For Industry 4.0”	Department of Mechanical Engineering of AISSMS COE Pune-01	31-05-2021
36	Mr N N Gotkhindikar	Webinar on “AI/ML Data Science : market Potential and opportunities on”	Department of Mechanical Engineering of AISSMS COE Pune-01	28-05-2021

37	Mr N N Gotkhindikar	Webinar on "Patent Process Review" organized by	Department of Mechanical Engineering of AISSMS COE Pune-01	24-05-2021
38	Mr N N Gotkhindikar	Webinar on "Stress Management"	Department of E & TC Engineering of AISSMS COE Pune-01	23-05-2021
39	Mr N N Gotkhindikar	Webinar on "Industry Integration"	Department of Production Engineering by AISSMSCOE Pune	03-03-2021
40	Mr N N Gotkhindikar	Webinar on "Marathi Rajyabhasha"	Department of Library of AISSMSCOE Pune	26-02-2021
41	Mr N N Gotkhindikar	International Webinar on "ISO Knowledge and Innovation Standards"	National Productivity Council	03-02-2021
42	Mr N N Gotkhindikar	Syllabus Implementation Workshop for the course of "Manufacturing Processes (202050) & Machine Shop (202051) "	AISSMS College of Engineering, Pune & LoGMIEER, Nashik.	23-02-2021

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
01	Dr C S Choudhari	Advances in Materials Processing & Manufacturing Applications (iCADMA 2020)	Sponsored by SPARC, MHRD & TEQIP-III, NIT Uttarakhand (Online)	November 5-6, 2020
02	Dr D Y Dhande	Technical Advancements for Social Upliftments, TASU2020	Vidyavardhini College of Engineering and Technology, Vasai	27 June 2020
03	K L Kumbhar	International Conference on Advanced Material Behavior and Characterisation	Mattest Research Academy, Chennai	18 - 23 July, 2020
04	S S Vadgeri	International Conference on Advanced Material Behavior and Characterisation	Mattest Research Academy, Chennai	18 - 23 July, 2020
05	M P Bauskar	International Conference on Advanced Material Behavior and Characterisation	Mattest Research Academy, Chennai	18 - 23 July, 2020
06	Dr B D Bachchhav	International Conference on Advanced Material Behavior and Characterisation	Mattest Research Academy, Chennai	18 - 23 July, 2020

Term Two				
S N	Name of Faculty	Title of the Conference / Symposium	Organized By	Duration/ Dates
		--		

**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	Mr N N Gotkhindikar	Crash course on ANSYS	ProCAD Academy	2nd-8th September 2020
2	Dr M M Sayyad	Numerical Methods for Engineers	SWAYAM-NPTEL	12 wk, Sept 25-Dec 12, 2020
3	Mr N N Gotkhindikar	Crash course on Additive Manufacturing FDM	ProCAD Academy	17-23rd August 2020
4	M P Bauskar	Introduction to composite	SWAYAM -NPTEL	12 wk, Sept25 - Dec12,2020
5	N N Gotkhindikar	Additive manufacturing using FDM(3D Printing)	Procad Academy	17/08/2020 to 24/08/2020
6	N N Gotkhindikar	Basic Ansys APDL	Procad Academy	02/09/2020 to 08/09/2020
7	Dr P S Gajjal	Artificial intelligence	NPTEL	12 week Sep-Dec 2020
8	M R Dahake	Heat Transfer	SWAYAM -NPTEL	12 Week, Sep-Dec 2020
9	A T Thombare	Introduction to Mechanical Vibration	NPTEL, IIT Madras	Sep-Nov 2020
10	S S Vadgeri	Introduction to Research	NPTEL, IIT Madras	8 Week Sep-Nov 2020
11	S S Vadgeri	Product Design & Manufacturing	NPTEL, IIT Kanpur	12 Week Jan-April 2020
12	M P Shah	Introduction to Mechanical Vibration	NPTEL, IIT Madras	Sep-Nov 2020
13.	S S Patil	Inspection and Quality Control in Manufacturing Process	NPTEL, IIT Madras	Feb -March 2020
14.	K L Kumbhar	Introduction to Research	NPTEL, IIT Madras	8 Week Sep-Nov 2020

15	K L Kumbhar	Friction and Wear of materials : Principle and case studies	NPTEL, IIT Roorkee	8 Week Jan-April 2020
16	K L Kumbhar	Programming for Everybody	University of Michigan (Coursera)	7 Week, Completed on 3rd Nov 2020
17	K L Kumbhar	Excel Skills for Business: Essentials	Macquarie University	5 Week, Completed on 20th Nov 2020
18	M P Bauskar	Programming for Everybody	University of Michigan (Coursera)	7 Week, Completed on 3rd Nov 2020
19	M P Shah	Coursera course on machine learning	university of London	Nov 2020
20	Dr. M R Phate	NBA Accreditation and Teaching-Learning in Engineering (NATE)	NPTEL, IISC, Bangalore	12 Week Jan-April 2020
21	Dr. M R Phate	Mechanics of Machining	NPTEL, IIT Madras	8 Week Jan-April 2020
22	Dr. M S Deshmukh	NBA Accreditation and Teaching-Learning in Engineering (NATE)	NPTEL, IISC, Bangalore	12 Week Jan-April 2020
23	Mr N N Gotkhindikar	NBA Accreditation and Teaching-Learning in Engineering (NATE)	NPTEL, IISC, Bangalore	12 Week Jan-April 2020

Term Two				
S N	Name of Faculty	Title of the Course	Conducted By	Duration/ Dates
1	Dr. M M Sayyad	Introduction to Engineering Mechanics	Coursera	Dec 22, 2020
2	Mr N N Gotkhindikar	Manufacturing Process Technology	NPTEL	Jan-April 2021

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
1.	Dr P S Gajjal	Webinar on Empowering Women Professionals	Mrs Mohini Sudumbrekar	September 04, 2020	126
2.	Dr D Y Dhande	Webinar on Stress Management	Dr M R Patkar	August 08, 2020	110
3.	K L Kumbhar & M P Bauskar	Webinar on “Paradigms for Peak Performance-Mindset for Excellence & Unparalleled Growth”	Mr. Anand Munshi	14 Sept 2020	272

Term Two					
S N	Name of faculty coordinator	Topic	Name and contact details of guest	Date	Number of beneficiaries
1.	S S Vadgeri	Online Expert Lecture on “Digital Solutions for Real world Mechanical Engineering Design Challenges”	Mr. Shrishant D. Patil, (Application Engineer, Softcell Technologies Global Pvt. Ltd. Pune)- 8668512620 -Alumni of Department of Mechanical Engineering, AISSMS COE, Pune (ME Automotive- 2013-2015)	15/05/2021	145
2.	S S Patil	Online Expert Lecture on “Industry 4.0”	Mr. Vaibhav Khude (Project Engineer at 3D Guru Innovation Pvt Ltd; Worked at Finolex abd mahindra & mahindra; Total experience 6.5 years)	18/03/2021	96

2.9 FACULTY SERVED AS RESOURCE PERSON, EXPERT, CHAIRPERSON

Term One				
S N	Name of Faculty	Title of Activity	Organizing body	Date
1	Dr B D Bachchhav	Expert talk on: Major and Minor Projects	Prathibha College Chinchwad, Pune	09/11/2020
2	Dr C S Choudhari	Expert talk on: Documentation	Prathibha College Chinchwad, Pune	10/11/2020
3				

Term Two				
S N	Name of Faculty	Title of Activity	Organizing body	Date
1	Dr C S Choudhari	Expert talk on: Academic and administrative Audit of HEI	OP Jindal University, Raigrah, Chhatisgad	16/02/2021
2	Dr B D Bachchhav	Resource Person for Syllabus Implementation workshop on Manufacturing Processes and Machine Shop	AISSMS College of Engineering in Association with Board of Studies Automotive and Mechanical Engg.	23/02/2021
3	Dr. M. S. Deshmukh	Expert talk on: Advances in Renewable Energy Sources	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	08 May 2021

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

3.1 FDP/STTP ORGANIZED BY THE DEPARTMENT

Term One					
S N	Name of Coordinator/s	Title of the FDP/STTP/WS/Seminar/ Symposium	Duration / Dates	No. of Participa nts	Funding Agency (If any) and Amount (Rs.)
1	Dr P S Gajjal Mr M R Dahake	Three Days FDP on “Electric Vehicle: Its Perspective & Issues”	19th - 21th August 2020	150	AISSMS (Rs 0.30 Lacs)

Term Two					
S N	Name of Coordinator/s	Title of the FDP/STTP/WS/Seminar/ Symposium	Duration / Dates	No. of Participa nts	Funding Agency (If any) and Amount (Rs.)
1	Dr B D Bachchhav	One day Workshop on Syllabus Implementation on “Manufacturing Processes and Machine Shop”	One Day 23/02/202 1	125	Online Mode. In association of Board of Studies Automotive and Mechanical Engineering, SPPU, Pune

3.2 SEMINARS/ WORKSHOPS/ WEBINARS ORGANIZED BY THE DEPARTMENT (For Faculty)

Term One					
S N	Name of Coordinator/s	Title of the Seminar/Webinar	Duration/ Dates	No. of Parti cipan ts	Funding Agency (If any) and Amount (Rs.)
01	C S Choudhari	“Introduction to NDT –A tool for Quality Assurance of Industrial Products at Manufacturing Stage”	12/08/2020, 3.00 PM - 04.30 PM (IST)	191	--

02	N N Gotkhindikar and S S Patil	Way to Success in Gate exam	18/07/2020	144	-
3	M P Shah, A T Thombare	Applications of FEA in Automobile using 'Altair-Hyperworks'	7-8 September 2020	292	--
04	S J Navale S S Vadgeri D S Mane	Computational Fluid Dynamics: Applications in the Engineering World	15/09/2020		
05	K L Kumbhar M P Bauskar	A Webinar on " Paradigms for Peak Performance-Mindset for Excellence & Unparalleled Growth	14 September 2020	272	

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	C S Choudhari S S Vadgeri D S Mane	Four Day Online training Program on "Geometric Dimensioning and Tolerancing"	Four Day 23 Feb to 26 Feb 2021	303	AISSMS 6000/-
02	M P Bauskar K L Kumbhar	Reshaping our thoughts: Challenges & Strategies	07 March 2021	285	
03	M P Bauskar	Awareness About Energy Conservation	20 May 2021	169	
04	C S Choudhari	AI/ML and Data Science: Market Potential and Opportunities	28/05/2021	190	

3.3 CONFERENCES/ SYMPOSIUMS ORGANIZED BY THE DEPARTMENT (For Faculty)

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

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

Term One				
S N	Name of Faculty Coordinator	Details of activity conducted	Date	Number of beneficiaries
Term Two				
S N	Name of Faculty Coordinator	Details of activity conducted	Date	Number of beneficiaries
01	S S Vadgeri	National Level Online Quiz for Advanced Learners in "Mechanical System Design"	2 Weeks 16 May to 31 May 2021	
2	M P Bauskar	National Level Online Quiz for Advanced Learners in "World Class Manufacturing"	24 May to 31 May 2021	
3	C S Choudhari	National Level Quiz on Basics of Mechanical Engineering	17 May to 31 May 2021	

3.5 MOU SIGNED WITH ACADEMIC AND PROFESSIONAL ORGANISATIONS

Term One				
Sr. No.	Faculty Coordinator	Name of Organisation	Date of MoU Signed	Valid upto 00/00/0000

Term Two				
Sr. No.	Faculty Coordinator	Name of Organisation	Date of MoU Signed	Valid upto 00/00/0000

3.6 STUDENTS' CHAPTERS/CLUBS

S. No	Name of Students' Chapter	Number of Student Members
1	SAE - TIFAN	20
2	IMECH E	80
3	ISHRAE	11
4	IE (I)	

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

Name of Students' Chapter: _____

Faculty Advisor: _____

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: _____

Faculty Advisor: _____

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

3.7 SOCIAL ACTIVITIES ORGANISED (NSS, Women empowerment, Awareness Programms, etc.)

Term One			
Faculty coordinator	Name of Activity	Date, Duration	Number of students involved
Dr P S Gajjal	Webinar on Empowering Women Professionals	September 04, 2020	126

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 organised	Number of Parents attended
A T Thombare	6 June - 8 June 2021	<p>Parents meet for Mechanical Engineering department was scheduled in June 2021. The meet was arranged on Microsoft Teams platform. Number of points related to department, academics, Training and placement, examination etc were discussed by respective class GFM.</p> <p>Head of Department and faculties of respective class have answered queries of parents. Parents are satisfied with the efforts taken by the department and faculties for online teaching in pandemic situation.</p> <p>Parents have queries related to university results, Training and Placement activity etc. which were addressed by concerned faculties and HOD.</p> <p>Parents gave suggestions regarding industry exposure to students.</p>	131

3.9 ALUMNI MEET

Faculty Coordinator	Day and Date	Details of Alumni meetings organised	Number of Alumni attended

3.10 SUPPORT FROM ALUMNI

Term One					
Sr No	Name of Alumni	Position and Organisation	Batch (e.g. 2014 – 2018)	Details of Support	Date
01					

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

Term Two				
S N	Name of Alumni and Activity coordinator	Details of Activity conducted	Date and duration	Total Number of beneficiaries
01	Mr. Shrishant D. Patil, (Application Engineer, Softcell Technologies Global Pvt. Ltd. Pune)- 8668512620 -Alumni of Department of Mechanical Engineering, AISSMS COE, Pune (ME Automotive- 2013-2015) AC: Mr. S S Vadgeri	Online Expert Lecture on “Digital Solutions for Real world Mechanical Engineering Design Challenges”	15/05/2021	145
2	Mr Yash deshpande, Business Manager - Strategic	Delivered webinar on AI/ML and Data	28/05/2021	190

	Accounts, Inteliment Technologies, Pune Faculty Coordinator: C S Choudhari	Science: market Potential and Opportunities		
3	Mr.Siddharth Kulkarni [Msc in Industrial Industrial Engineering Texas Tech University] Design Product Engineer at Pari Robotics Faculty Coordinator : A T Thombare M P Shah	Conversation with Alumni	21/05/2021	186

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

Number of students referred for counseling	
Number of Faculty referred for counseling	

Faculty coordinator	CAREER GUIDANCE ACTIVITY DETAILS

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

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AISSMS
COLLEGE OF ENGINEERING

Webinar on
Introduction to NDT – A tool for Quality Assurance of Industrial Products at Manufacturing Stage

Organized by
Department of Mechanical Engineering
UG – Mechanical Engineering (Sembatch)
PG – Design Engineering
PD – Automobile Engineering
PhD – Research Center (Mechanical Engineering)

Webinar Resource Person
Dr. S. S. Joshi
Professor
Asst. M.P. (Autobus & Health Care)
Asst. & M.P. (Auto)
The Section Manager (Process Control)

12/06/2020
3:00 PM - 4:30 PM (IST)

Registration Link:
<https://www.zoom.us/j/92526108286>
After registration,
join telegram group for communication:
<https://t.me/aisssmsofficial>

Webinar link and Webinar details will be sent on registered e-mail & telegram group.
Website: www.aisssms.com, AISSMS COE, Kennedy Road, Pune - 411005



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Contact:
Prof. M.R. Joshi : 982208802
Mr. Hemant Sadafale : 982208366
Mr. Pramod Deshmukh : 985341930
Mr. Ravi Jirgal : 982287570
Prof. Dr. H.G. Phulkar : 985083972
(For CAD/CAM Training)

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COLLEGE OF ENGINEERING
गणना साधनागरी
Accredited by NAAC with A+ Grade

EXPERT LECTURE
ON
"Digital Solutions for Real world Mechanical Engineering Design Challenges"
MAY 15, 2021

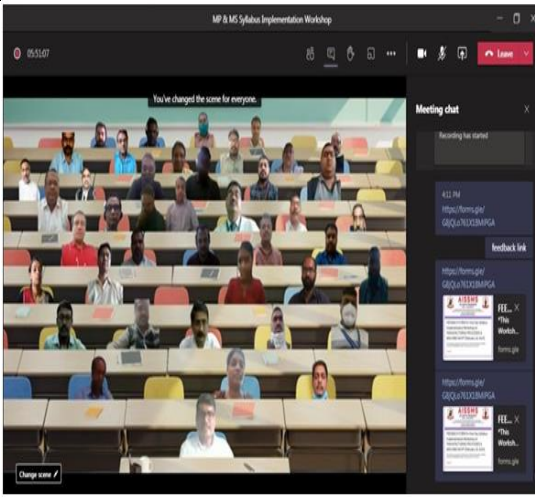
Resource Speaker
Mr. Shrishant D. Patil
(Application Engineer)
Softcell Technologies Global Pvt Ltd., Pune.

Institution of MECHANICAL ENGINEERS

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Accredited by NAAC with 'A+' Grade

L.G. M. Institute of Engineering Education and Research, Nashik
Welcomes You
Syllabus Implementation Workshop
Board of Mechanical & Automobile Engineering
SE 2019 Pattern

Manufacturing Processes (202050)
Machine Shop (202051)



AISSMS
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**A National Level Online Quiz for Advanced Learners in
"Mechanical System Design"**
16TH - 30TH MAY, 2021

✓ Quiz Link: <https://forms.gle/Vyw7KWEKealTamd8>
✓ No Registration Fees
✓ E-Certificate (after successful completion of quiz)



ORGANISED BY
DEPARTMENT OF MECHANICAL ENGINEERING
AISSMS College of Engineering, Pune-1

In Association with INSTITUTION OF ENGINEERS INDIA (IEI), Student Chapter

Mr. S. S. Vadgeri Faculty Coordinator
Dr. B. D. Bachchhav Head, Mechanical Engg.
Dr. D. S. Bormane Principal, AISSMS COE

Department Vision: To be Recognized as a Premier Centre in the Field of Mechanical Engineering Education

AISSMS
COLLEGE OF ENGINEERING
ज्ञानम् सफलजनयिताय
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**National Level Technical Quiz on Basics of Mechanical Engineering
(Academic Year 2020-21)**

Certificate of Participation

This is to certify that **Shubham Vitthal Bandekar** from
AISSMS College of Engineering, Pune-01 has participated in
National Level Quiz on "Basics of Mechanical Engineering" 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

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**Department of Mechanical Engineering
Organizes a webinar on
AI/ML and Data Science :
Market Potential and Opportunities**

**Time : 4 PM IST
Date : 28/05/2021, Friday
Platform : Microsoft Teams
Registration Link :
<https://bit.ly/3uXCTu>**

Students Coordinators :
Shubham Bandekar Sagar Bhong

Dr. C S Choudhari
Coordinator

Dr. B D Bachchhav Head of Department
Dr. D S Bormane Principal

www.aiissmcoe.com


Speaker

Mr. Yash Deshpande
Business Manager - Strategic Accounts,
Technomart Technologies



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Training Program Registration Details

Registration Link: <https://forms.gle/3R293kx62G6d>
Doc & Date: 24th February to 26th February 2021 (Sun, Wed, Thu, Fri)

- Registration Fee - Rs. 200 (For Outside AISSMS Participants)
- 2- Certificate to Participant

Account Details:
Bank Name - Bank of India Branch Name - Shivajinagar
Account Number - 307100012460 STC - 5403002000 (if) Amount in Desc:

Max Con Participants:
Working Professionals, College Professors, Research Scholars, Students

Expert: Mr. Anand Narasimhan
CEO, CAD India, Pune

Course Content:

- Why CAD?
- Parametric Modeling, Definition
- Parametric 2D Drawing
- Parametric Engineering Methods
- What's "Solid" Model? "Thin"?
- Industrial Application
- Tutorial from up

Organized By
Department of Mechanical Engineering
AISSMS College of Engineering, Pune-01
Website: www.aiissmcoe.com
Site:
To be recognized as premier centre in the field of Mechanical Engineering Education

Prof. D.S. Bormane dsbormane@aiissmcoe.com
Coordinator

Dr. C.S. Choudhari
Coordinator

Prof. S.S. Vadgeri ssvadgeri@aiissmcoe.com
Coordinator

Dr. B.D. Bachchhav
Head of the Department

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
1		NIL		

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

4.2 TESTING AND CONSULTANCY

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

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

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)

Term Two				
Sr No.	Name of Faculty	Name of the Patent	Patent Number and Date	Type (National/International/Commercialized)
01	Dr. M. S. Deshmukh	Kitchen Items Cleaning Device: Kitchen Items Cleaning and Disinfecting Device Using Water and UV-Light.	2020101948 / 16th September 2020	Australian Government, Innovation Patent

PUBLICATIONS

4.4 PAPERS PUBLISHED/ PRESENTED IN PROCEEDINGS OF CONFERENCES

Term One						
S. No	Authors	Document Details	Year	Conference Details	ISBN	Organised by
1	Dr P S Gajjal	Optimization Using Taguchi of PEEK material in Dry Sliding	June 12th-13th 2020	International Conference on Integration of Advanced Technologies For Industry 4.0		KCG College of Technology Chennai
2	Dr P S Gajjal	Investigation of Wear Behavior of Journal Bearing Materials	November 6th - 7th 2020	International Conference on Advances in Sustainable Technologies		School of Mechanical Engineering, LPU, Jalandhar
3	Dr P S Gajjal	Wear Behavior Of Sintered bearings using Additives in Dry Sliding	2020	International Conference on Smart and Sustainable Development in Materials		NMAM Institute of Technology NITTE

				manufacturing and Energy Engineering		
4	M R Dahake	Experimental Study on CNG Engine with Different Ventury Configuration	June 12th-13th 2020	International Conference on Integration of Advanced Technologies For Industry 4.0		KCG College of Technology Chennai
5	Dr B D Bachchhav	Tribological Behaviour of Non-asbestos Brake Pad material	Oct.,9-10, 2020	IC3MT 2020		CVR College of Engineering, Hyderabad, Telangana
6	Dr D Y Dhande	Experimental analysis of Hydrodynamic Journal Bearing	27 June 2020	Technical Advancements for Social Upliftments, TASU2020		Vidyavardhini COE, Vasai, Mumbai

Term Two						
S. No	Authors	Document Details	Year	Conference Details	ISBN	Organised by
1	S S Patil	Deep learning Algorithms for Tool Condition Monitoring in Milling	27th March 2021	International Virtual Conference on Intelligent Robotics, Mechatronics and Automation Systems IRMAS 2021		Centre of Automation and School of Mechanical Engineering VIT Chennai

4.5 PAPERS PUBLISHED IN JOURNALS

Term One						
S. No	Authors	Document Details	Year	Source Details	ISBN/ISSN	Publisher
1	P S Gajjal	Performance evaluation of EN24 for planetary gear transmission of CNC bending machine	2020	Journal of the Brazilian Society of Mechanical Sciences and Engineering (2020)	https://doi.org/10.1007/s40430-020-02392-5	Springer
2	P S Gajjal	Low Cost 3D Printer ForHome Users	2020	International Journal Of Advance Scientific Research And Engineering Trends	2456-0774	UGC
3	B D Bachchhav	Process Capability Improvement for Swingarm Boring Operation: A Case Study	2020	Proceedings on Engineering Sciences, Vol. 02, No. 4 (2020) 345-352		
4	Dr. M.R.Phate	Multi-Parametric Optimization Of WEDM Using Artificial Neural Network (ANN) Based PCA For Al/SiCp MMC	2020	Institution of Engineers, India Series C	2250-0545	Springer (Scopus)
5	Dr. M.R.Phate	Prediction And Optimization Of Tool Wear Rate During Electric Discharge Machining Of Al/Cu/Ni Alloy Using Adaptive Neuro-Fuzzy Inference System	2020	Elsevier's, Heliyon	2405-8440	Elseviers (WoS, SCIE)
6	Dr. M.R.Phate	Modeling and Investigating the Impact of EDM Parameters on Surface Roughness in EDM of Al/Cu/Ni Alloy	2020	Australian Journal of Mechanical Engineering	1448-4846	Taylor & Francis (WoS, SCIE)

7	Dr. M. S. Deshmukh	“Investigation of Efficacy of the Assimilated Sectional Air Refinement Unit.”	2020	International Journal of Disaster Recovery and Business Continuity (IJDRBC)	2005 - 4289	ESCI (WEB OF SCIENCE)
8	Dr. M. S. Deshmukh	“Investigation of the Effect of LPG on the Performance and Frictional Power Loss for Multi Cylinder SI Engine”,	2020	International Journal of Innovative Research in Advanced Engineering	2349-2163	Non Scopus
9						

Term Two						
S. No	Authors	Document Details	Year	Source Details	ISBN/ISSN	Publisher
1	Mannan Sayyad	Flaw resistance and mode-I fracture energy redistribution in bamboo- a correlation	2021	Adv. Mater. Lett., 12 (3), 21031615		VBRI press
2.	Dr D Y Dhande	The study of performance and emission characteristics of SI. engine fuelled with different blends of pomegranate ethanol	2021	Int J Energy Environ Engg. https://doi.org/10.1007/s40095-020-00372-y	2008-9163	Springer Nature
3	Dr M.R.Phate	Optimistic Implementation of Supply Chain Management in Small & Medium Enterprise: Approach using Grey Relational Analysis (GRA)	2021	International Journal of Industrial Engineering and Production Research	2008- 4889	
4	Dr B D Bachchhav	Investigation on Abrasive Waterjet Machining of Al-Al2O3 MMC	2021	International Journal of Industrial	ISSN 2008-4889	Iran University of Science

				Engineering and Production Research		and Technology 2
5	Dr B D Bachchhav	Drilling of High Volume Fraction Al ₂ O ₃ Metal Matrix Composites, 10, No. 1 (2021): 317-327. https://doi.org/10.1520/MPC20200053	2021	<i>Materials Performance and Characterization</i>	ISSN: 2379-1365 E-ISSN: 2165-3992	ASM International
6	Dr B D Bachchhav	Grading of Spot Welding Electrode Material Properties Using AHP”, 2020, 7, 59-65. DOI: https://doi.org/10.31875/2409-9848.2020.07.8	2020	Journal of Modern Mechanical Engineering and Technology,	ISSN (online): 2409-9848.	
7	Dr C S Choudhari	Experimental investigation of forming parameters for square cup deep drawing process	2021	Material Today: proceedings	ISSN: 2214-7853	Elsevier
8	Dr C S Choudhari	Design and development of solar powered Stirling Engine for Electricity Generation	2020	International journal of Automobile Engineering Research and development	ISSN (Online): 2278-9413,ISSN (Print): 2277-4785, Volume 10, issue-2,	Trans Stellar
9	Dr C S Choudhari	Experimental investigation of forming parameters for deep drawn square part		International journal of Automobile Engineering Research and development	ISSN (Online): 2278-9413,ISSN (Print): 2277-4785, Volume 10, issue-2,	Trans Stellar
10	Dr D Y Dhande, Dr M R Phate	Comparative Analysis of Abrasive Wear Using	2021	Journal of Inst.	Electronic	Springer

	Dr N Sinaga	Response Surface Method and Artificial Neural Network. 102, 27-37 (2021). https://doi.org/10.1007/s40033-021-00250-9		Enineers. India Ser. D	ISSN2250-2130 Print ISSN 2250-2122	
11	M P Bauskar	Review paper on Recent Developments in MEMS sensors and Its Applications in Automobiles	2021	IJSDR, Volume 6, Issue:5, May 2021	ISSN:2455-2631	IJSDR
12	S S Patil	Deep Learning Algorithms for Tool Condition Monitoring in Milling	2021	IRMAS		
13	Dr. M. S. Deshmukh	JTEN-2020-550- A Critical Assessment of the Implementation of Phase Change Materials in the VCC of Refrigerator	Accepted for Publication in Jan-2022	Journal of Thermal Engineering	2148-7847	Yildiz Technical University SCOPUS, ESCI (WEB OF SCIENCE)
14	Dr. M. S. Deshmukh	Wear and Bear Mechanism of Femur Implant on Acetabulum (hipbone) Erosion: A Review	Accepted for Publication in 14 Jun-2021	Journal of Biomimetics, Biomaterials and Biomedical Engineering	2296-9845	science.net SCOPUS, ESCI (WEB OF SCIENCE)
15	Dr. M. S. Deshmukh	ThSci2020.279: Comparative Analysis of Copper oxide (CUO)-based spiral flow Photovoltaic sheet and Tube Thermal system	Accepted for Publication	Journal Thermal Science	2334-7163	SERC ESCI (WEB OF SCIENCE)

4.6 BOOK/ ARTICLE PUBLICATIONS

Term One				
Author	Title of the Book	Published by	ISBN	Year
Dr P S Gajjal	Tribological Behaviour of Bronze and Plastic Material	Lambert Publications, Dept of Higher Education, MHRD	978-81-946643-9-0	Nov 2020

Dr P S Gajjal	Advances in Mechanical Processing and Design: Lecture notes in Mechanical Engineering	Springer Nature https://link.springer.com/chapter/10.1007/978-981-15-7779-6_33	981157779X	2020
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Term Two				
Author	Title of the Book	Published by	ISBN	Year
Dr B D Bachchhav	Use of Sustainable Practices in Cement Production Industry: A Case Study. In: Kumar S., Rajurkar K.P. (eds) Advances in Manufacturing Systems. Lecture Notes in Mechanical Engineering.	Springer, Singapore. PP. 181-192. https://doi.org/10.1007/978-981-33-4466-2_16	ISBN 978-981-33-4465-5 Online ISBN 978-981-33-4466-2	2021
Dr B D Bachchhav	Experimental Evaluation of Mechanical Properties of Epoxy Based Composite Material Using Taguchi Method. In: Dave H.K., Nedelcu D. (eds) Advances in Manufacturing Processes. Lecture Notes in Mechanical Engineering.	Springer, Singapore. Pp. 381-395	Print ISBN 978-981-15-9116-7 Online ISBN 978-981-15-9117-4	2020

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

Name of faculty	Citations	Name of faculty	Citations
Dr B D Bachchhav	47	Mr P S Aglawe	2
Dr A V Waghmare	164	Mr O A More	
Dr D Y Dhande	113	Mrs A T Thombare	

Dr M R Phate	223	Mr M S Swami	
Dr Mrs P S Gajjal	49	Mr G P Lohar	
Dr M S Deshmukh	07	Mrs M P Shah	
Dr S V Chaitanya		Mr M R Dahake	37
Mr S R Patil	19	Mr M P Bauskar	11
Mr P V Deshmukh	09	Mr V S Wagare	
Dr C S Choudhari	101	Mr K L Kumbhar	
Mr R A Marne		Mr S S Vadgeri	18
Dr C S Dharankar	26	Mr D S Mane	
Dr S J Navale	26	Miss S S Patil	
Mr M U Gan		Mr N N Gotkhindikar	
		Dr M M Sayyad	46

Total Citations of Department: 898

4.8 ME AWARDED

Sr No	Name of Supervisor	Title of Thesis	Name of Candidate
1	Dr S V Chaitanya	Development of EGR Strategies for heavy duty Natural gas engine from BSIV to BSVI	Divynail Katkoria
2	Dr S V Chaitanya	Analysis Of Component Dimensions Affecting Performance Of IC Engine And Prediction Of Parameters For Selection Based	Sudeshna Sawarate

		On Priority Using Multi Criteria Decision Making (MCDM)	
3.	Dr C S Choudhari	Design and development of solar powered Stirling engine for electricity generation	Mayur Patil
4.	Dr C S Choudhari	Experimental Investigation of Forming Parameters of Square Cup	Priyanka Yerolkar
5.	Dr B D Bachchhav	Tribological Evaluation of MMC for Automotive applications	Shivraj Dhotre
6.	Dr A V Waghmare		Omkar Bhandare
7.	Dr C S Dharankar		Aditya Kale
8	Dr P S Gajjal	Design and Fabrication of 3D Printer for home users	Yugwini Deshmukh
9	Dr D Y Dhande		

4.9 PhD GUIDE DETAILS

Name of Faculty who are PhD Supervisor	Number of Scholars Registered
Dr B D Bachchhav	03
Dr. M. S. Deshmukh	03

4.10 PhD AWARDED

Sr No	Name of Supervisor	Title of Thesis	Name of Candidate

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

5.INTERACTION WITH INDUSTRY

5.1 INDUSTRY VISITS ORGANISED

Term One				
Sr. No.	Faculty Coordinator	Class and Number of students attended	Industry Name and Address	Date of visit
1	Mr M P Bauskar	TE M B (50)	Virtual visit TESLA Motors (Virtual on You Tube)	28/10/2020
(Due to COVID19 pandemic and online teaching learning process)				

Term Two				
Sr. No.	Faculty Coordinator	Class and Number of students attended	Industry Name and Address	Date of visit
NIL (Due to COVID19 pandemic and online teaching learning process)				

5.2 EXPERT LECTURES 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 C S Dharankar S S Vadgeri	BE Mechanical A & B	Mr. Nitin Badhe Sr. Technical Specialist Altair India Pvt Ltd Pune	Fundamentals of Automotive NVH	06/11/2020
2	Dr P S Gajjal	SE Mechanical A & B	Mr. S. D. Patil Application Engineer Modelcam Engineering Pvt Ltd. Pune	Experience the design the way it should be using CREO	04/12/2020

Term Two					
Sr. No.	Faculty Coordinator	Class (Number of students attended)	Name, Industry, designation and contact details of Expert	Topic	Date

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	M R Dahake	Design and development of EGR cooler for single cylinder CRDI diesel engine	Apex innovations Pvt Ltd., Sangli
2	M M Sayyad	University Thesis Program	Konecranes
3	Dr. M. S. Deshmukh		A O Smith Heat Pumps Pvt Ltd, Nashik

5.4 MOU SIGNED WITH INDUSTRY

Term One				
Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto (00/00/0000)
1	Mr. M R Dahake	Apex Innovations Pvt Ltd. Sangli	31/08/2020	30/08/2021

Term Two				
Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto (00/00/0000)
1	Mr. M S Swami	Firodiya &naik Consulting GBR Berlin Germany	05/01/2021	04/01/2022
2	Dr. S V Chaitanya	Seinumero Nirman Pvt Ltd. pune	01/01/2021	04/01/2023

5.5 FACULTY MEMBERS UNDERGONE INDUSTRIAL TRAINING

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

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)

Term One						
Sr. No.	Name of the Student	Name of the Industry	Class	Training duration		
				Start date	Last date	Duration (days)
1	Abhishek Pisal	Ratna Gears Pvt Ltd	TE	6/1/2019	6/30/2019	30
2	Chetan jain	Balaji Engineering	TE	6/1/2019	6/30/2019	30
3	Mrunal Kukre	Forbes Motors LTd	BE	6/3/2019	7/2/2019	30
4	Kunal gaikwad	Ameya Industries	BE	6/13/2019	6/28/2019	15
5	Pushkaraj deshमुख	Marvelour Metals Pvt Ltd	SE	6/15/2019	6/30/2019	15
6	Vijayalaxmi Kdoli	Hero Pvt Ltd	BE	6/1/2019	6/30/2019	30
7	Kedar Ashtikar	Milman Thinfilm systems	BE	6/2/2019	7/2/2019	30
8	Aditya Chougule	Milman Thinfilm systems	BE	6/2/2019	7/2/2019	30
9	Yadnya Khadake	Cummins India Ltd	BE	6/3/2019	7/3/2019	30

10	Hrushikesh banger	Hrushu Insustries	BE	6/5/2019	6/30/2019	25
11	Pratik Dond	Bosch Ltd Nashik	BE	6/1/2019	6/28/2019	30
12	Suraj Gadgade	DCE Refrigeration	BE	6/16/2019	7/1/2019	15
13	Abhishek Dyade	Engineering Cluster Pvt Ltd	BE	6/7/2019	7/6/2019	30
14	Tejas Borkar	Engineering Cluster Pvt Ltd	BE	6/5/2019	7/4/2019	30
15	Shriya Kulkarni	Blue Huron Industries Pvt Ltd	TE	7/3/2019	6/30/2019	30

Term Two						
Sr. No.	Name of the Student	Name of the Industry	Class	Training duration		
				Start date	Last date	Duration (days)
1	Shivam Nitin Deshmukh	Shital Enterprises	SE	15/5/2019	25/5/2019	40
2	Vidharth Ingale	Indoswe engineer's Pvt ltd	TE	03/06/2019	15/06/2019	13
3	Aryan Rahul Deshpande	Rullitech Engineers	SE	13/05/2019	21/06/2019	42
4	Shree Rajaram Khopade	Gurusai Enterprises	SE	15 May 2019	25 June 2019	42
5	Vedant Ramesh Rao Godbole	MSRTC	SE	17/05/2019	28/06/2019	42
6	BHAGYESH S KORE	UNIK TECHNO SYSTEMS PVT. LTD.	SE	27/05/19	07/07/19	52
7	Rohan Soni	S.M. Engineers and Distributors	BE	01/11/2019	15/11/2019	15
8	Patil Madhura Pradip	CITAX ENERGY DMCC Dubai	BE	25/06/2020	23/07/2020	30
9	Arujan Sanap	Tanmay Engineering	TE	20/6/2020	20/8/2020	60

10	Mayush Satyendra Rawat	Research	TE	05/08/2020	15/09/2020	42
11	Manmay Chandrakant Gangawane	Upasana Enterprises	TE	21/09/2020	21/10/2020	30
12	Mandar Dilip Shevalkar	Tata Motors Limited	TE	28/08/2020	24/10/2020	58
13	Chourabh Ganesh Hole	UPASANA ENTERPRISES	TE	04/09/2020	04/11/2020	60
14	Mandar Dilip Shevalkar	Industrial Training Institute, Aundh	TE	02/11/2020	07/11/2020	6
15	Mandar Dilip Shevalkar	Industrial Training Institute, Aundh	TE	09/11/2020	12/11/2020	4
16	Rushar Koul	Power house	T.E	15/12/2020	31/12/2020	15
17	Rutuja Rohit Kalkate	Ujwal Automotive Pvt.Ltd.Dhule (Dealers of TATA MOTORS)	TE	09/12/2020	09/1/2021	30
18	Chaswantsingh patil	TVS MOTORS	SE	15/12/2020	16/1/2021	30
19	Sumit Bendale	Cummins India limited	TE	19/01/2021	28/02/2021	35
20	Adhav Rutuja Hemant	Adler Pelzer (I) pvt Ltd	SE	08/02/21	05/03/21	30
21	Amit Dhananjay Dhotre	Simulation Lab Pvt. Ltd.	BE	18/01/2021	12/03/2021	54
22	Chonawane Mansi Manjaj	Synergy tooltech	SE	15/02 2021	31/03/2021	45
23	Chidhdee Bhase	ASSIST Design Automation Private Limited	TE	1/02/ 2021	31/03/ 2021	60
24	Kota Rushikesh Manoj	SOHAM INDUSTRIES	TE	01/03/2021	01/05/2021	60
25	Chabhishek Sanjeev Deo	Indian Space Society	TE	24/01/2021	Ongoing	Min 3 months

5.7 LIST OF INDUSTRIES SUPPORTED IN THE ORGANISATION 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

Term Two			
Sr. No.	Faculty Coordinators	Industry Representative and Name of Industry	Nature of Contribution

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

5.10 STUDENTS UNDERGONE SANDWICH TRAINING (TERM I/II)(For Mech&Prod.)

Term One					
Sr No	Name of student	Industry	Sr No	Name of student	Industry
1	DESHPANDE AMEYA PRASHANT	Fortune Corporation	35	PAWAR KAUSTUBH SANJAY	Burckhardt compression Pvt Ltd.
2	PATIL GANESH KASHINATH	Shree Satpuda Tapi Parisar	36	POKALE GAYATRI SURYAKANT	Atlas Copco
3	SARKAR OMKAR VIKAS	SteelTech Engineering	37	BANDPATTE ADITYA VITTHAL	Verroc
4	JOSHI SWAMINI HEMANT	TATA motors	38	CHAUDHARI PRITAM NANA	Aditya
5	LAHOLE SAMEER VIJAY	TATA Motors	39	CHAVAN TANMAY SHAMKANT	M B Sugars and
6	BHOSALE SHUBHAM SUNIL	Manisha Industries	40	ANDURE YASHODEEP PRADEEP	Jadhao Gear Pvt
7	SISODIA CHINMESH GIRISH	kamal dies and engineering works	41	Mamidwar Purushottam Vikas	Aainath
8	CHHAPARWAL GEETANJALI ANIL	Suhas enterprises	42	CHAITANYA OMKAR SHRIKANT	Knorr-Bremse
9	NAVALE SUSHANT SHIVAJI	Kinetic Engineering LTD.	43	JADHAV HRISHIKESH SANJAY	Knorr Bremse
10	GANDHI SARTHAK SHRIRAJ	Knorr-Bremse	44	KAUDARE GAURAV BHARAT	Knorr Bremse
11	JOSHI ATHARVA SHEKHAR	Knorr-Bremse	45	BABAR MANASI BHALCHANDRA	khutale Engg Pvt Ltd
12	GAWADE VINAY ARJUN	Bharat forge LTD	46	TAPASE NIKHIL YUVRAJ	Shantanu bottling machine
13	KHAVALA DEEPESH CHANDRAKANT	Bharat Forge Ltd.	47	DESHMUKH RANJIT SAMEER	TATA Motors Ltd.

14	JAIN CHETAN RAVINDRA	Parth Industries	48	KULKARNI CHAITANYA BHALCHANDRA	Knorr Bremse
15	CHETAN MORESHWAR BAJARE	Fortune Corporation	49	PATODKAR VEDANT VINAY	Mirhae Engineering
16	CHOUDHARY PRATHMESH SATISH	Shree Satpuda Tapi Parisar	50	VAISHNAVI PRABHU	Forbes Marshall
17	PAWAR KAUSTUBH SANJAY	SteelTech Engineering	51	PANDIT PUSHKAR PRAVIN	Brembo Brake India Pvt. Ltd.
18	POKALE GAYATRI SURYAKANT	TATA motors	52	GUJAR SWARALI SUMEDH	Kaivalya Engineering Works
19	BANDPATTE ADITYA VITTHAL	TATA Motors	53	HAMZA SHETLANJIWALA	Pioneer enterprises Pvt.ltd
20	CHAUDHARI PRITAM NANA	Manisha Industries	54	PATIL SHUBHAM TIPPANNA	Fiat Chrsyteller Automobile Pvt.Ltd
21	NAVALE SUSHANT SHIVAJI	kamal dies and engineering works	55	RAUT SHRADDHA DIPAK	MG industries
22	GANDHI SARTHAK SHRIRAJ	Suhas enterprises	56	SHIRSATHE GAURAV RAKESH	chasis Brakes
23	JOSHI ATHARVA SHEKHAR	Kinetic Engineering LTD.	57	MOHITE DISHA SUHAS	Niyo Engineers
24	GAWADE VINAY ARJUN	Knorr-Bremse	58	BHAGYESH GOVIND KULKARNI	Novateur Elect and DSPL
25	KHAVALI DEEPESH CHANDRAKANT	Mettechnik	59	GHONGADE NITEEN DATTA	Volkswagen auto Midc
26	JAIN CHETAN RAVINDRA	Burckhardt compression Pvt Ltd.	60	PATIL PRATIK SAMBHAJI	Suncore Enginerring Solutions Pvt. Ltd..
27	CHETAN MORESHWAR BAJARE	Burckhardt compression Pvt Ltd.	61	SANAS UMESH DILIP	CEAT
28	CHOUDHARY PRATHMESH SATISH	Atlas Copco	62	TALELE VARAD RAJENDRA	ARAI
29	Sivam Tambulwadkar	Preciamx	63	KULKARNI SHRIYA MILIND	PJ valves Mfg. Pvt. Ltd.

30	Sushant dol	Prime constrochem, HO	64	BHANDARE ANKUR NITIN	Atlas Copco Gas and Process
31	Rathod Aditya Pralhad	Prime Constrochem, HO	65	JADHAV OMKAR SUNIL	Atlas Copco
32	DIPAK CHIMAJI HEMADE	yash plastic & engineering works	66	JADHAV KUNAL SANJAY	IndiTech Valve
33	PATIL SATTYAM SUDESH	SOTS	67	SHAIKH BILAL ALI MASTAN ALI	WIESPL
34	WARDHAMANE ARIHANT PRASHANT	Matoshree Engineers	68	CHAUDHARI BHUMIK MANOJKUMAR	Kiran Machine Tools

Term Two					
Sr. No	Name of student	Industry	Sr. No	Name of student	Industry
1	Agawane Kunal Rajendra	Tata Motors , Pune	43	Kamble Kiran Datta	Yantra Harvest Pvt Ltd
2	Alhat Omkar Bhanudas	Sandvik Asia Pvt. Ltd., Pune	44	Khairnar Harshkumar Ishwar	Sandvik Asia Pvt. Ltd., Pune
3	Anmol Kitchloo (J & K)	Tata Motors ,Pune	45	Khedkar Sudarshan Rajendra	Burckhardt Compression (Kondhapuri)
4	Anuj Sunil Misar	Tata Motors, Pune	46	Khot Pranav Sudip (Tfws)	M E Energy Pvt Ltd
5	Barke Akansha Sandip	512 Army Base Workshop, Pune	47	Khan Shahid Nasim	Yantra Harvest Pvt Ltd
6	Bendale Ragini Kailas	512 Army Base Workshop, Khadki,Pune	48	Lavhe Rachna Bapurao	S. S Heavy Equipments Pvt. Ltd Warje
7	Bhalerao Priyanka Anil	M.J Automation,Narhe,Pu ne	49	Lodh Vihang Uday	Aask Precision Engineers, Kothrud
8	Bhambal Monalisa Alex	M.J Automation,Narhe,Pu ne	50	Londhe Neha Satish	

9	Bhandari Akash Vijaykumar		51	Moghe Athrva Shashank	Mubea Automotive Components India Pvt. Ltd
10	Bhasme Rushikesh Sanjay	Farmking Agro Industry	52	Mohite Vaishnavi Vijay	Alfa Laval Pvt. Ltd, Satara
11	Bhati Pratik Vasant	Ultra Enterprises	53	Momin Urooj Ahmed Ansari Ashfaque Ahmed	Knorr-Bremse Technology Center India Pvt Ltd, Hinjewadi Phase Ii
12	Bhosale Mayur Kisan	Burckhardt Compression Pvt.Ltd (Kondhapuri)	54	More Siddhant Kakasaheb	Suhas Enterprise
13	Bhutekar Mahesh Ganesh	Kranti Industries Ltd	55	Mrugendra Matekar	Thermotech Systems Ltd, Ahmedabad
14	Bodhe Atharva Rhishikesh	Knorr - Bremse Technology Center India Pvt Ltd Pune	56	Musai Sarvesh Sanjay	Knorr-Bremse Technology Center India Pvt Ltd, Hinjewadi Phase Ii
15	Bogawat Chirag Tushar	Cg Power And Industrial Solution Limited	57	Nagarale Ashutosh Rajendra	Mubea Suspension India Ltd.
16	Bogawat Karan Atul (Tfws)	Cg Power And Industrial Solution Limited	58	Nanaware Neemesh Mahesh	Tara Tools, Bhosari, Pune
17	Borse Siddhesh Mahendra	Tata Motors, Pune	59	Nikam Rushikesh Babasaheb	Mandar Industry Pvt Ltd, Aurangabad
18	Chandan Pramod Yadav	R & De(E),Pune	60	Niranjan Nitin Polekar	Nikhtish Engineering Pvt. Ltd.
19	Chaudhari Neha Manohar	Knorr -Bremse Technology Center India Pvt Ltd Pune	61	Pahade Yash Rahul	Kalyani Technofogre, Chakan
20	Chaudhari Yash Dinesh	Tata Motors, Pune	62	Panchal Preet Sanjay	Ambica Autotech Surat
21	Dabhade Shubham Ulhas	Creat Uno Minda, Bhosari	63	Panpatil Sumedh Bapurao	Mubea Suspension India Ltd.
22	Dabholkar Aniruddh Rajendra (Tfws)	Kion India Pvt Ltd	64	Parakh Rasik Ajay	Federal -Mogul Goetze(India)Limited
23	Desai Vishwajeet Lalasaheb	Sanmati Components Pvt.Ltd, Hatkanangale	65	Patil Rohit Vijay	Climber Systems Pvt Ltd, Gujarwadi, Pune

24	Deshmukh Chaitanya Govindrao	Ubique Packaging Systems Pvt. Ltd.	66	Pawar Aryadit Anil	Patil Automobiles, Solapur
25	Gaikwad Ashutosh Yeshwant	Sandvik Asia Pvt. Ltd.,Pune	67	Rathod Gaurav Prakash	Jhurbi Metrology And Consultant
26	Gaikwad Harshal Arvind	Sandvik Asia Pvt. Ltd., Pune	68	Raul Pooshan Vijay	Attaquant Enterprises Pvt Ltd. , Wakad
27	Gaikwad Shubham Bharat	Vertual Simutech Pvt. Ltd. Pune	69	Sandhiya Anbazhagan	Amphenol Interconnect India Pvt. Ltd.
28	Gaurav Joshi	Tata Motors, Pune	70	Sawant Sairaj Mangesh	Suhas Enterprises
29	Gawade Maithili Shashikant	Amphenol Interconnect India Pvt. Ltd.	71	Shinde Kaustubh Rajesh	Kion India Pvt Ltd
30	Gawade Pradhyumn Prashant	Ultra Enterprises, Pune	72	Shrivias Nayan Uday	Preci Forge And Gears, Chakan
31	Ghanwat Tejas Balasaheb	Aask Precision Engineers, Kothrud	73	Suryawanshi Devendra Sharad (Cob)	Knorr-Bremse Systems For Commercial Vehicles India Pvt Ltd , Hinjewadi Phase Ii
32	Gite Sanjana Sanjay	Skf Indian Limited ,Pune	74	Tantak Sakshi Rajesh	Balwant Industries, Chinchwad Midc Pune.
33	Gosavi Vishal Vijay	Attaquant Enterprises Pvt Ltd. , Wakad	75	Taware Prathamesh Mohan	Ankita Polymer India Pvt Ltd
34	Gurram Shubham Shrinivas	Yeshashvi Steels & Alloys Private Limited	76	Ugale Vaishnavi Santosh	M.E Energy Pvt. Ltd.
35	Hawaldar Siddharth Sunil	Hog Engineering Pvt Ltd	77	Vanbhane Tejas Balu	Gloria Engineering Company, Chikhali
36	Hiremath Vivek Vijaymahantesh	Tcl, Megasite, Phaltan.	78	Varun Pramod More	Tata Motors,Pune
37	Holambe Saiprasad Uttamrao		79	Waje Soham Mukund	Orion Instruments
38	Jiwade Aniket Chandrakant	Tata Motors, Pune	80	Zende Vidita Vijay	Lenze Mechatronics Private Limited, Pune
39	Jutla Ganesh Pundlik	Yeshashvi Steels & Alloys Private Limited	81	Harshad Shivaji Khandagale	Suhas Enterprises

40	Kabade Gaurav Ghanshyam	Ultra Enterprise Bhosari	82	Suraj Nandkishor Khandelwal	Knorr Bremse Technology Centre India Pvt.Ltd.Pune
41	Kamble Kiran Datta	Yantra Harvest Pvt Ltd	83	Suraj Nandkishor Khandelwal	Knorr Bremse Technology Centre India Pvt.Ltd.Pune
42	Kamani Darshak Vinod	Arya Engineering			

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

Size of photo 5 cm x 7 cm with captions

6. STUDENTS' ACHIEVEMENTS

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

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

Term Two		
Name of Student	Details of Achievement (State/University/ National/International Level)	Remark (Domain)
Omkar khot	BETIC EMEDHA HACKATHON 2021	Winner of Impact to Reality award
MONALI PATIL	NES INNOVATION AWARD 2021	Our team is one of top 50 qualified teams.
Omkar khot		
Atharva Joshi	National, MAHARASHTRA HEALTH HACKATHON 2021	Winner- Team NIDAAN (Track B)
Omkar khot		
Rajeshawari Deshmukh	IIRS Outreach program	Participated

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)

Term Two		
Name of Student	Details of Achievement (State/University/ National/International Level)	Remark ((Domain)
Vivek Singh	Selected All India Rank in Competition of Best Cadet underSD(air) on Republic day 2021.	2nd Rank

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	Chirag Gore	Industrial Hydraulics and Pneumatics	Fluid Power Society of India	27th June- 8th July 2020
2	Chaitanya Kale	National Level webinar on Opportunity for Engineers in Indian Armed Forces	Capt. Tanuja kabre	July 18, 2020
3	Sharayu Kulkarni	Vishwacon 2020	VIIT Pune	28th Nov. 2020

Term Two				
S N	Name of Student	Title of the Course	Conducted By	Duration/ Dates

6.4 NUMBER OF STUDENTS PLACED

Term One			
Sr No	Name of Organization visited	Number of students Participated	Number of students Placed
1	TCS		03 (M/S)

Term Two			
Sr No	Name of Organization visited	Number of students Participated	Number of students Placed

Lower Package Offered:

Higher package Offered:

Average Package Offered:

6.5 NUMBER OF STUDENTS QUALIFIED IN THE EXAMINATIONS

GATE	GRE	UPSC	MPSC	Any other reputed examination for Higher studies (TOFEL, etc.)
04				01- IELTS

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)

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

6.7 STUDENTS' ACHIEVEMENTS (Team Level)

First Half			
Name of Event	Name of Faculty Advisor	Details of Achievement (State/University/ National/International Level)	Remark (Domain)
Effi Cycle 2020	C S Choudhari	Winner - Best Project Plan at national level	

Term Two			
Name of Event	Name of Faculty Advisor	Details of Achievement (State/University/National/International Level)	Remark (Domain)
Toycathon 2021	Dr. Manish Deshmukh, Mr. Milind Swami	National level event organised by Ministry of Education, Gov of India	Team selected in grand finale
Maharashtra Hackathon 2021		International level event organised by MIT USA hacking medicine 2021	Winner: Team NIDAAN
Endurance	Dr. Avinash Waghmare, Dr. Chandrashekar Dharankar	International, BAJA SAEINDIA 2021	All terrain performance award 3rd rank
BAJA SAEINDIA 2021	Dr. Avinash Waghmare, Dr. Chandrashekar Dharankar	International, BAJA SAEINDIA 2021	Overall award winner 4th rank
Digital Hackathon		National, National Education Society Innovatipon award 2021	The team qualified the Top 50 Unique Entries
BETIC EMEDHA HACKATHON 2021	Dr. Manish Deshmukh, Mr. Milind Swami	BETIC EMEDHA HACKATHON 2021	Winner of Impact to Reality award

Few good photographs related to students' achievements

Size of photo 5 cm x 7 cm with captions



7. SUMMARY AND SWOC ANALYSIS

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

Sr. No.	Details
1	Four faculty members got recognition as a PhD Guide of SPPU

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

FACULTY	ACTIVITY
Dr C S Choudhari	Participation in Syllabus Implementation workshop for the course of “Engineering Thermodynamics” on 17 - 20 June 2020, organised by D Y patil College of Engineering Pune
Dr C S Choudhari	External examiner for M Tech dissertation on 3/09/2020 at SET’s Arvind Gavali COE satara
Dr C S Choudhari	Subject chairman for SPPU university examination for the subject of Refrigeration and Air conditioning
Dr P S Gajjal	Syllabus Implementation Workshop for the course of “ Solid Mechanics” MES Pune on 17/6/2020
S S Patil	Syllabus Implementation Workshop for the course of “ Solid Mechanics” MES Pune on 17/6/2020
N N Gotkhindikar	Syllabus Implementation Workshop for the course of “ Solid Mechanics” MES Pune on 17/6/2020
N N Gotkhindikar	Syllabus Implementation Workshop for the course of “ Engineering Materials and Metallurgy” AISSMS COE Pune on 19/6/2020

7.3 FEEDBACK FROM STAKEHOLDERS

Sr No	Stake holder	Number of Feedbacks Received	Overall Feedback
1	Alumni	10	Satisfactory ,suggested some courses to be incorporated.
2	Parents	56	Satisfied with teaching faculties and infrastructure in department.
3	Employers	23	Satisfied with infrastructure,Suggested improvement in curriculum,Some facilities are required.
4	Students	333	

7.4 TWO BEST PRACTICES FOLLOWED IN THE DEPARTMENT

Weekly activity report for each week

One faculty one Industry

7.5 MAJOR GRIEVANCES OF STUDENTS (IF ANY) REDRESSED^(*) (Not to be

included in annual report)

Nil

7.6 SWOC ANALYSIS

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

Strengths	1	11 Faculty members with PhD Qualification. Another 8 are pursuing PhD
	2	Average experience of faculty is more than 15 Years
	3	Retention ratio is good
	4	SFR is reasonable
	5	PhD research centre (Six internal faculty are having PhD guide recognition of SPPU)

Weaknesses	1	Hardly any Consultancy work is going on
	2	High end research facility is lagging
	3	Modernization of laboratories are to be done
	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

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 entrepreneurship

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

1	NBA accreditation
2	MoU with international academic institute
3	Enhanced interaction with Industry 1. Knorr Bremse, 2. Cone cranes
4	Fetching research funding and consultancy

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

Area	Initiatives
Academics and overall profile of Department	1. Four faculty members got PhD recognition from SPPU 2.
Organization of different activities	Organised following activities during AY 2020-21 and beneficiaries Webinars: 8 (2500 +) Faculty development programs: 02 (258+156=414) 4 day online training program: 01 (303) Quiz: 02 (750+) Alumni Interaction: 03
Research and Innovation	Journal Papers: 39 Conference Papers: 18 Books: 07 Patent: 04 Moocs/NOTEL: 29 FDP: 124 Webinar/Seminar: 167 Consultancy testing: 02 Funding Research:03 e_Content Developed: 13

	Training/Courses: 44 Any other : 26
Industry institute Interaction	MoU/III/OFOI: 12
Students' Achievements	

SUMMARY SHEET (Annual)

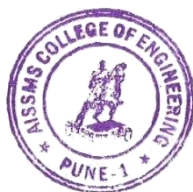
Sr No	Activity/ Item	Numbers
PROFILE OF DEPARTMENT		
01	Students in the department	841
FACULTY CONTRIBUTION		
02	e content developed by faculty and available online	08
03	Number of FDP/STTP attended by the department faculty	118
04	Number of Seminars/ workshops/ webinars attended by the department faculty	133
05	Number of Conferences/ symposiums attended by the department faculty	05
06	Number of Online courses / certificate courses completed by department faculty	27
07	Number of extension lectures / webinars (Lectures delivered on other than technical topics))	05
08	Number of Faculty served as resource person, expert, chairperson	05
ACTIVITIES ORGANISED		
09	Number of FDP/STTP organized by the department	02

10	Number of Seminars/ workshops/ webinars organized by the department (for faculty)	09
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)	03
13	MOU signed with academic and professional organizations	-
14	Number of Students' chapters /clubs	04
15	Number of Social activities organized	01
16	Number of Parent meeting	01
17	Number of Alumni meet	-
18	Number of student counseling and career guidance at the department level	-
	RESEARCH CONTRIBUTION	
19	Number of Funded research project	-
20	Number of Testing and consultancy	-
21	Number of Patents, copyright, trademark and other (IPR)	01
22	Number of Papers published/ presented in proceedings of conferences	07
23	Number of Papers published in journals	23
24	Number of Book/ article publications	04
25	Total Research citations	798
26	Number of ME awarded	09
27	Number of PhDAWARDED	-
	INTERACTION WITH INDUSTRY	
28	Number of Industrial visits organised	01
29	Number of Expert lectures delivered by industry experts	02

30	Number of Industry –sponsored projects (UG/PG)	03
31	Number of MOU signed with industry	03
32	Number of Faculty members undergone industrial training	-
33	Number of Students undergone in-plant training and (or) internship programme	40
34	Number of students placed	-
35	Number of students qualified in the examinations	05

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.




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


Dr B D Bachchhav
(Name and Signature)
Head of Department
Mechanical Engineering