



**AISSMS**  
**COLLEGE OF ENGINEERING**  
ज्ञानम् सकलजनहिताय  
Accredited by NAAC with "A+" Grade



**Internal Quality Assurance Cell**  
**DEPARTMENT OF CIVIL ENGINEERING**  
**ANNUAL REPORT**

**(15JUNE 2021 to 14June 2022)**

**TERM ONE: 15 June to 30November**

**TERM TWO: 01 December to 14 June**

**Academic Year 2021 – 22**

**Guidelines:**

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

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

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# **1. PROFILE OF DEPARTMENT**

## 1.1 INTRODUCTION

<b>Year of Establishment</b>	
<b>UG Programmes</b>	2002
<b>PG Programmes</b>	2011
<b>Number of Teaching Staff</b>	21
<b>Number of Non-Teaching Staff</b>	06

## 1.2 LABORATORIES IN THE DEPARTMENT

<b>Name of Laboratory</b>	
1. Surveying	2. Geotechnical Engineering
3. Fluid Mechanics	4. Transportation Engineering
5. Testing of Materials	6. Environmental Engineering
7. Computer Centre	8. Engineering Geology
9. Structural Dynamics	10. Engineering Mechanics

## 1.3 SOFTWARES AVAILABLE IN THE DEPARTMENT

<b>Software Available</b>	
1. AutoCAD Civil 3D	2. Revit Structure
3. Revit Architecture	4. Revit MEP
5. AutoCAD MAP 3D	6. ETABS
7. SAP2000	8. STAAD Pro
9. WTP	10. ETP

## 1.4 FACULTY IN THE DEPARTMENT

<b>Name of faculty</b>	<b>Designation</b>
1. Dr. U R Awari	Assoc. Prof and Head
2. Dr. S R Parekar	Prof.
3. Dr. (Mrs.) V N Patil	Assoc. Prof.
4. Dr. P B Nangare	Asst. Prof.
5. Dr. R D Nalawade	Asst. Prof.
6. Dr. S D Nagrale	Asst. Prof.
7. Dr. D V Wadkar	Asst. Prof.
8. Mr. V S Chavhan	Asst. Prof.
9. Mr. P R Modak	Asst. Prof.
10. Mrs. K N Kulkarni	Asst. Prof.
11. Dr. G C Chikute	Asst. Prof.
12. Mrs. M S Chiwande	Asst. Prof.
13. Dr. (Mrs.) M V Waghmare	Asst. Prof.
14. Mrs. S A Chavan	Asst. Prof.
15. Mr. U J Jadhav	Asst. Prof.
16. Ms. S P Khedekar	Asst. Prof.
17. Mr. C S Misal	Asst. Prof.
18. Ms. K D Kashid	Asst. Prof.
19. Mrs. Rutuja S Meshram	Asst. Prof.

20. Ms. Shweta Jambhulkar	Asst. Prof.
21. Mr. Shantanu S Mulay	Asst. Prof.

### 1.5 DETAILS OF SUPPORTING STAFF

Name of non-teaching staff	Designation
Mr. B H Lavhe	Lab Asst
Mr. A U Karne	Lab Asst
Mrs. P S Pathak	Lab Asst
Mr. Y L Gavali	Attendant
Mr. P D Nalawade	Attendant
Mr. R S Puwal	Attendant

### 1.6 STUDENTS' ENROLLMENT

Program	GEN		SC		ST		OBC		PWD		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
UG (Civil)	142	52	54	15	20	2	80	20	10	1	20	8	326	98
PG (Structures)	14	5	7	3	2	1	5	2	--	--	--	-	28	11

### 1.7 STUDENTS-FACULTY FEEDBACK DETAILS

Sr. No.	Name of faculty	Class and Subject taught	Term One		Average Feedback (%)
			Feedback (I) (%)	Feedback (II) (%)	
1	K D Kashid	SE/MOS	92	90	91
2	Dr. P B Nangare	SE/FM	76	86	81
3	S P Khedekar	SE/BTAP	93	91	92
4	Dr. S R Parekar	SE/MOS	90	93	91
5	V S Chavhan	SE/FM	85	90	87
6	C S Misal	SE/BTAP	92	95	93
7	Dr. U R Awari	TE/DSS	90	91	90
8	V S Chavhan	TE/HWRE	87	91	89
9	P R Modak	TE/WSE	85	92	88
10	A M Deulkar	TE/EEFM	91	94	92
11	Dr. R D Nalawade	TE/ACT	95	98	96
12	Dr. S D Nagrale	TE/CM	82	91	86
13	Dr. S R Parekar	TE/DSS	88	91	89
14	Dr. P B Nangare	TE/HWRE	82	86	84
15	Dr. D V Wadkar	WSE	87	89	88
16	Dr. V N Patil	TE/EEFM	91	90	90
17	Dr. R D Nalawade	TE/ACT	89	93	91
18	K N Kulkarni	TE/CM	90	91	90
19	M V Waghmare	BE/SD-III	82	86	84
20	P R Modak	BE/EE-II	84	84	84
21	Dr. R D Nalawade	BE/TRE	83	85	84
22	M S Chiwande	BE/ACT	85	83	84





23	Dr. S D Nagrale	BE/TQM	83	84	83
24	Dr. V N Patil	BE/SD-III	85	86	85
25	Dr. D V Wadkar	BE/EE-II	90	87	88
26	G C Chikute	BE/TRE	90	86	88
27	U J Jadhav	BE/ACT	90	87	88
28	S A Chavan	BE/TQM	87	88	87

Term Two					
Sr. No.	Name of faculty	Class and Subject taught	Feedback (I) (%)	Feedback (II) (%)	Average Feedback (%)
1	Dr. U R Awari	SE/SA	86	80	83
2	Dr. V N Patil	SE/PM	91	89	90
3	Dr. R D Nalawade	SE/GTE	85	87	86
4	U J Jadhav	SE/Survey	84	87	85.5
5	K D Kashid	SE/CT	84	80	82
6	Dr. S R Parekar	SE/SA	85	88	86.5
7	Dr. S D Nagrale	SE/PM	84	88	86
8	M S Chiwande	SE/GTE	89	89	89
9	S A Chavan	SE/Survey	86	87	86.5
10	C S Misal	SE/CT	96	93	85.5
11	Dr. V N Patil	TE/RSGIS	91	88	89.5
12	M V Waghmare	TE/DRCS	90	89	89.5
13	P R Modak	TE/WWE	89	92	90.5
14	P B Nangare	TE/ATP	88	88	88
15	Dr. V S Chavhan	TE/RSGIS	84	85	84.5
16	Dr. S R Parekar	TE/DRCS	86	88	87
17	Dr. D V Wadkar	TE/WWE	87	91	89
18	S P Khedekar	TE/ATP	94	94	94
19	V S Chavhan	BE/DHS	81	85	83
20	Dr. R D Nalawade	BE/QSCT	85	88	86.5
21	P R Modak	BE/APC	84	86	85
22	Dr. S D Nagrale	BE/CM	81	60	70.5
23	P B Nangare	BE/DHS	84	87	84.5
24	G C Chikute	BE/QSCT	86	91	88.5
25	D V Wadkar	BE/APC	85	90	87.5
26	K N Kulkarni	BE/CM	87	81	84

## 1.8 RESULT ANALYSIS

Term One					
Name of faculty	Class and Subject Taught	% passing	Name of faculty	Class and Subject Taught	% passing
Dr. D V Wadkar Ms. S P Khedekar	SE - Building Tech. & Arch. Plan	100	Dr D V Wadkar P R Modak	BE- Environmental Engineering II	100
Dr. S R Parekar Ms. K D Kashid	SE - Mechanics of Structure	97.46	Dr R D Nalawade Dr G C Chikute	BE- Transportation Engineering	100
Dr. P B Nangare Dr. V S Chavhan	SE - Fluid Mechanics	100	Dr V N Patil Dr M V Waghmare	BE- Structural Design and Drawing III	100
Mr. K. B. Kshirsagar	SE -Engineering Math III	100	M S Chiwande U J Jadhav	BE-Advanced Concrete Technology (Elective I)	100
Ms. KomalShinde	SE- Engineering Geology	100	Dr S D Nagale S A Chavan	BE-TQM & MIS in Civil Engineering (Ele II)	100
Dr V S Chavhan	TE - Hydrology and Water Resource Engg	100			
P R Modak Dr D V Wadkar	TE- Water Supply Engg	100			
Dr U R Awari Dr S R Parekar	TE-Design of Steel Structure				
Dr V N Patil A M Deulkar	TE-Engg Eco and Fin Mgmt	100			
Dr S D Nagrale	TE-Construction Mgmt	100			

Term Two					
Name of faculty	Class and Subject Taught	% passing	Name of faculty	Class and Subject Taught	% passing
Dr. R D Nalawade	SE (A) - Geotechnical Engg.	70.89	Dr D V Wadkar P R Modak	TE-Waste water Engg	100
Mrs. M S Chiwande	SE (B) - Geotechnical Engg.	69.62	Dr S R Parekar Dr M V Waghmare	TE- Design of Reinforced concrete Stru	100
Mr. U J Jadhav	SE(A)-Survey	70.89	Dr V N Patil Dr V S Chavhan	TE – Remote Sensing and	100

				GIS	
Mrs. S A Chavan	SE(B)-Survey	64.56	Dr P B Nangare S P Khedekar	TE – Arch and Town Planning	100
Mrs. K D Kashid	SE(A)- Concrete Technology	87.34	Dr V S Chavhan Dr P B Nangare	Dams And Hydraulic Structures	99.34
Mr. C S Misal	SE(B)- Concrete Technology	86.08	Dr R D Nalawade Dr G C Chikute	Quantity Survey, Contracts and Tenders	99.34
Dr. U R Awari	SE(A)- Structural Analysis	69.62	P R Modak Dr D V Wadkar	Air Pollution and Control (Ele III)	100
Dr. S R Parekar	SE(B)- Structural Analysis	77.22	Dr S D Nagrale K N Kulkarni	Construction Management (Ele IV)	99.34
Dr S D Nagrale	SE(A)-Project Management	75.95			
Dr S D Nagrale	SE(B)-Project Management	78.48			

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

#### Term One

S N	Cla ss	Number of Students									Percentag e of Passing	
		Appe ared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1 – 9)	Very Good (A) (7.1 – 8)	Good (B+) (6.1 – 7)	Above Average (B) (5.1 – 6)	Average / pass class (4-5)	Fail (F) 0 – 3.99	All Clear	With ATK T
1	SE (A)	79	78	15	51	12	--	--	--	--	98.73	100
2	SE (B)	79	74	18	53	03	--	--	--	--	93.67	100
3	TE	163	163	61	39	25	--	--	--	--	100	100
4	BE	153	153	148	5	--	--	--	--	--	100	--

Term Two												
S N	Cla ss	Number of Students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1 – 9)	Very Good (A) (7.1 – 8)	Good (B+) (6.1 – 7)	Above Average (B) (5.1 – 6)	Average / pass class (4–5)	Fail (F) 0 – 3.99	All Clear	With ATK T
1	SE (A)	79	48	4	16	25	3	--	--	--	60.75	100
2	SE (B)	79	45	1	20	24	--	--	--	--	56.96	100
3	TE	163	163	15	20	25	--	--	--	--	97.62	100
4	BE s	152	149	17	34	98	--	--	--	3	98.02	--

Term Two Final Result for BE Classes (Based on CGPA)												
S N	Cla ss	Number of Students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1 – 9)	Very Good (A) (7.1 – 8)	Good (B+) (6.1 – 7)	Above Average (B) (5.1 – 6)	Average / pass class (4–5)	Fail (F) 0 – 3.99	All Clear	With ATK T
1	BE	152	149	17	34	98	--	--	--	03	98.02	--

# **2. FACULTY CONTRIBUTION**

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

Term One		
SN	Name of Faculty	Awards & Recognitions
1	Dr. R D Nalawade	Indo Asian Best researcher Award 2021 in recognition of the consistent superior performance in Geotechnical Engineering
2	Prof. M V Waghmare	Awarded Ph.D in Civil Engineering on 24.09.2021 titled 'Semi-Active Control Strategies for Seismic Vibration Control of Elevated RCC Water Reservoirs', by Savitribai Phule Pune University.

Term Two		
SN	Name of Faculty	Awards & Recognition
1	V S Chavhan	Awarded Ph.D from Savitribai Phule Pune University
2	Prof. G C Chikute	Awarded Ph.D in Civil Engineering on 11.03.2022 titled 'The stability analysis of modified gabion retaining wall with cantilever action using recycled concrete blocks', by Savatribai Phule Pune University.
3	Dr. V N Patil	Recognized as a Ph D Guide by Savatribai Phule Pune University.
4	Dr D V Wadkar	Recognized as a Ph D Guide by Savatribai Phule Pune University.

## 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. R D Nalawade	Hon. Treasurer, Indian Geotechnical Society, Pune Chapter

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. R D Nalawade	Hon. Treasurer, Indian Geotechnical Society, Pune Chapter
2	Dr U R Awari	Elected as committee member in IEI Pune local center
3	M S Chiwande	Elected as committee member in IEI Pune local center

### 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	Dr. S R Parekar	GATE	Youtube	Youtube.com/c/Engineers TechnicalHubSP/videos
2	Dr. P B Nangare	Fluid Mechanics	Youtube	https://www.youtube.com/channel/UCY8DnPNxrSVpmH5jTypBAAQ

Term Two				
Sr No.	Name of Faculty	Title of e-content	e-content development facility/platform	link of the content
1	Dr. D V Wadkar	Environmental Engineering	Youtube	https://www.youtube.com/channel/UCjT_Qj5V9_dSLWcNCwXytqw
2	S P Khedekar	Building Planning	Youtube	https://www.youtube.com/watch?v=Qvx2lqBYylc&t=64s

Term One				
S N	Name of Faculty	Title of the FDP/STTP	Organized by	Duration/ Dates
1	Dr. R D Nalawade	One week training on Salesforce technology	NIT Nagpur	04.09.2021 to 11.09.2021(1 week)
2		One week STTP on Laboratory testing of soil	NITTR	20.12.2021 to 24.12.2021 (1 week)
3		Hybrid & Electric Vehicle	Erode College	20.09.2021 to 25.09.2021
4		Design Thinking: Aspirations for Innovations	AISSMS COE	22.11.2021 to 26.11.2021
5		Advances in renewable energy	JET Jodhpur	25.08.2021 to 31.08.2021
6		Experiential learning in GTE	VNIT	06.12.2021 to 10.12.2021
7	Dr P B Nangare	“Case Study of Tunnel Excavation in Extremely Weak Rock Mass conditions”		05.09.2021



8	Dr. S R Parekar	Earthquake response and Vibration control of Lifeline structures	COEP Pune	05-07-2021 to 09-07-2021
9	Dr. D V Wadkar	Advances in waste treatment technologies	GEC Modasa	23.08.2021 to 27.08.2021
10		Innovative and inventive problem solving	AISSMS COE	29.06.2021 to 04.07.2021
11	P R Modak	Innovative and inventive problem solving	AISSMS COE	29.06.2021 to 04.07.2021
12	K N Kulkarni	Energy and Innovative building construction practices	NITTR	23.08.2021 to 28.08.2021
13		Laboratory practice on Civil Engineering materials	NITTR	13.12.2021 to 17.12.2021
14		Outcome based education	DYPCOE	13.12.2021 to 18.12.2021
15	Dr. M V Waghmare	Earthquake response and vibration control	COEP	05.07.2021 to 09.07.2021
16	Dr. S D Nagrale	Air pollution and climate change	SVNIT	20.09.2021 to 24.09.2021
17		Recent developments in construction technology	DYPIT	09.08.2021 to 13.08.2021
18	S P Khedekar	Recent developments in construction technology	DYPIT	09.08.2021 to 13.08.2021
19		Engineering optimization techniques	GCOE Aurangabad	14.06.2021 to 18.06.2021
20		Air pollution and climate change	SVNIT	20.09.2021 to 24.09.2021
21		Personal Effectiveness	GEC Thrissur	12.07.2021 to 16.07.2021
22	M S Chiwande	Emotional Intelligence	International management Inst	13.12.2021 to 17.12.2021
23		One week STTP on Laboratory testing of soil	NITTR	20.12.2021 to 24.12.2021 (1 week)
24	U J Jadhav	Software based case studies	AISSMS COE	22.11.2021 to 26.11.2021
25	C S Misal	Advances in Concrete construction	KBTCOE	10.12.2021 to 15.12.2021

Term Two				
S N	Name of Faculty	Title of the FDP/STTP	Organized by	Duration/ Dates
1	Dr. R D Nalawade	Implementation and execution of TE Civil Engineering syllabus	APCOER	13.01.2022 to 15.01.2022
2		One week STTP on Project based learning	AISSMS COE	21/02/2022 to 26.02.2022
3		Machine learning with python	JJMCOE	08/02/2022 to 12/02/2022



4		Recent advancements in sustainable development	Engg. College Bikaner	07.03.2022 to 16.03.2022
5		Geotechnical aspects of pile foundations	NITTR	21.03.2022 to 25.03.2022
6	Dr. P B Nangare	Remote Sensing and GIS	DYPCOE	21.02.2022 to 25.02.2022
7		Recent trends of research in Civil Engineering	DYPIT	09.03.2022 to 14.03.2022
8	Dr. D V Wadkar	Energy Engineering	DIAT Pune	21.02.2022 to 25.02.2022
9		Recent trends of research in Civil Engineering	DYPIT	09.03.2022 to 14.03.2022
10	K N Kulkarni	Implementation and execution of TE Civil Engineering syllabus	APCOER	13.01.2022 to 15.01.2022
11		One week STTP on Project based learning	AISSMS COE	21.02.2022 to 26.02.2022
12	Dr. M V Waghmare	Earthquake Engineering	COEP	04.01.2022 to 08.01.2022
13	Dr. S D Nagrale	Implementation and execution of TE Civil Engineering syllabus	APCOER	13.01.2022 to 15.01.2022
14	S P Khedekar	Recent trends of research in Civil Engineering	DYPIT	09.03.2022 to 14.03.2022

## 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. R D Nalawade	Impact lecture series	AISSMS COE	14.09.2021
2	Dr P B Nangare	National Level Webinar on "Symbol of Knowledge - My Constitution",	NSS & UBA, AISSMS COE Pune	08.12.2021
3	Dr. S R Parekar	Workshop on OBE and NBA Accreditation process		08.10.2021
4	Dr P B Nangare	"Opportunities in Construction, Real Estate and Infrastructure sector after graduation"	NICMAR Pune	12.11.2021
5	Dr P B Nangare	Webinar on NPTEL GATE Preparation Portal	AICTE and NPTEL	22.10.2021

**2.6 CONFERENCES/ SYMPOSIUMS ATTENDED BY THE DEPARTMENT FACULTY**

Refer to table 4.4

**2.7 ONLINE COURSES / CERTIFICATE COURSES COMPLETED BY DEPARTMENT FACULTY**

Term Two				
S N	Name of Faculty	Title of the Course	Conducted By	Duration/ Dates
1	S A Chavan	Research and publication ethics credit course	SPPU	one month

**2.8 EXTENSION LECTURES / WEBINARS (Lectures organized 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	M S Chiwande	Financial Literacy	Prof. Bhushan V Adhav, Founder, Lion's Mind Development Centre	17.07.2021	75
	Dr. P B Nangare	Expert talk on Career opportunities for engineering students	Prof. Touheed Mujawar Vice president Maharashtra association of TPO	06.07.2021	96

Term Two					
S N	Name of faculty coordinator	Topic	Name and contact details of guest	Date	Number of beneficiaries
1	Dr V N Patil	IPR awareness	Dr. Latika Dawara Assistant Controller, Patent Office, Mumbai	09.03.2022	86

## 2.9 FACULTY SERVED AS RESOURCE PERSON, EXPERT, CHAIRPERSON

Term One				
S N	Name of Faculty	Title of Activity	Organizing body	Date
1	Dr P B Nangare	Expert Talk on “Pipe Network Analysis with Hardy Cross Method”	Dr. VKP COE, Ahmednagar	13.09.2021
2	Dr P B Nangare	Expert Talk on “Pipe Network Analysis with Hardy Cross Method”	Dr. VKP COE, Ahmednagar	21.09.2021

Term Two				
S N	Name of Faculty	Title of Activity	Organizing body	Date
1	Dr V N Patil	ATAL Design Thinking to Nurture Creativity and Innovation Leading to Entrepreneurship	Dr. D. Y. Patil Institute of Management & Research (DYPIMR)	04.01.2022 to 08.01.2022
2	Prof. P R Modak	TE Civil 2019 syllabus implementation	APCOER in association with SPPU Pune	14.01. 2022
3	Prof. P R Modak	Expert lecture on Data collection and validation	RMG Saoli, Chandrapur.	04.03. 2022
4	Prof.S P Khedekar	TE Civil 2019 syllabus implementation	APCOER in association with SPPU Pune	15.01. 2022

# **3. ACTIVITIES ORGANIZED**

### 3.1 FDP/STTP ORGANIZED BY THE DEPARTMENT

Term Two					
S N	Name of faculty coordinator	Title of the FDP/STTP/WS/Seminar/Symposium	Duration/ Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)
1	Dr S D Nagrale S SBhuinyan	Online workshop on “Concrete mix proportion and value added concrete”	29.03.22 to 30.03.22	77	Self
2	Dr S R Parekar Dr. M V Waghmare C S Misal	Online Workshop on "Artificial Neural Networks and Its Applications in Civil Engineering”	25.03.22	57	Self

### 3.2 SEMINARS/ WORKSHOPS/ WEBINARS ORGANIZED BY THE DEPARTMENT

Term One					
S N	Name of Coordinator/s	Title of the Seminar/Webinar	Duration/ Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)
1	Dr P B Nangare	Expert Talk on, “Dissipation of Energy using solid roller bucket and Type II Stilling basin”	27.07.2021	53	Self
2	Dr. V N Patil	Webinar on Intellectual property right	19.06.2021	43	Self
3	Dr R D Nalawade	Bharat Ratna Sir M. Visvesvaraya Annual Oriation on “Case Study of Tunnel Excavation in Extremely Weak Rock Mass Conditions”	05.09.2021	55	Self
4	Dr. P B Nangare	Expert Talk of Rajendrakumar Prasad – MD, VirajEnvirozing India Pvt. Ltd. Pune on “Engineering for Healthy Planet”	15.09.2021	88	Self

5	Dr S D Nagrale	Expert talk on Construction Real Estate and Infrastructure sector after Engineering	12.11.2021	76	Self
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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.)
1	M S Chiwande	Webinar on "Break the Bias"	08.03.2022	42	Self
2	Dr R D Nalawade	"Inauguration of IGS Students Chapter"	03.02.2022	51	Self
3	Dr P B Nangare	Expert lecture of Er. Omkar Shendure Superintending Engineer, Water Resources Department, Govt. of Maharashtra on "Golden Opportunities' for Civil Engineer in Govt. Sector"	28.03.2022	95	Self

### 3.3 CONFERENCES/ SYMPOSIUMS ORGANIZED BY THE DEPARTMENT

Term Two					
S N	Name of Coordinator/s	Title of the Conference / Symposium	Duration / Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)
1	Dr. M V Waghmare Conference on	National conference on Innovation in Engineering and Technology (NCIET) 2022	20.05.22	32	Self

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

Refer 2.8

### 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
1	Dr. P B Nangare	Sahyadri Engineers	2019	2024



2	Dr. S R Parekar	Institutional Membership of FSI	Lifetime	--
3	Dr. V N Patil	Constro Engineering Pvt. Ltd.	2020	2025
4	Dr. U R Awari	Technology Consultants	2019	2024
5	Dr. R D Nalawade	Soiltech India Pvt. Ltd, Pune	2018	2022
6	Dr. S D Nagrale	Motilal Dhoot Infrastructure Pvt. Ltd, Pune	2018	2022
7	Dr. D V Wadkar	Avishkar Realty	2020	2025
8	Dr. V S Chavhan	Water field research foundation	2021	2026
9	P R Modak	Water field technologies Pvt. Ltd.	2021	2026
10	K N Kulkarni	EXIGO Architecture,	2018	2022
11	Dr. G C Chikute	Kunal Chawda Civil Engineering & Consultant Pune	2022	2027
12	M S Chiwande	Dynamic Consultants	2018	2022
13	Dr. M V Waghmare	1. Archistructure Consultancy 2. Veracity structural Consultancy, Pune	2018	2022
14	S A Chavan	Struengineers India Pvt. Ltd	2018	2022
15	U J Jadhav	Suraj Construction Company, Dhayari Pune	2018	2022
16	S P Khedekar	Moco Design Studio	2018	2022



17	C S Misal	Lord Balaji Associates, Pune	2018	2022
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### 3.6 STUDENTS' CHAPTERS/CLUBS

Sr. No	Name of Students' Chapter	Number of Student Members
1	IE(I)	77
2	IWWA	90
3	IGS	98
4	ISTE	100

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

**Name of Students' Chapter:** Institution of Engineers (I)

Faculty Advisor: M S Chiwande

Term One				
SN	Event name and details of event	Name of chief guest, judges etc.	Duration and Dates	Number of beneficiaries
1	Virtual Plant tour of Ready Mix Concrete Plant, UltraTech RMC Plant	---	03.12.21	155
2	Expert Lecture on "Application of Artificial Neural Network in Civil Engineering"	Dr.Hazi Azamathulla, Professor University of west indies at St. Augustine, Trinidad	19.11.2021	120
3	Webinar on "GATE-Awareness"	Mr. Paresh Gugale Founder ,Director I2E-imperial institute	21.08.2021	54
4	Webinar on "Importance of waterproofing"	Mr. Jayant khode Concept consultants	14.08.2021	60

Term Two				
SN	Event name and details of event	Name of chief guest, judges etc.	Duration and Dates	Number of beneficiaries
1	Webinar on "Break the Bias"	---	08.03.2022	42

**Name of Students' Chapter:** Indian Water Works Association (IWWA)

Faculty Advisor/s:

1. P R Modak
2. S P Khedekar

Term One				
SN	Event name and details of event	Name of chief guest, judges etc.	Duration and Dates	Number of beneficiaries
1	Enhancement of Energy Dissipation Using Combination of Solid Roller Bucket and Type II Stilling Basin for Ogee Stepped	Dr. P B Nangare – Associate Professor, AISSMS's COE Pune Dr. Alka S Kote, Professor, DIT Pune	24/07/2021	85
2	Inaugural function of IWWA students chapter and expert session on "Smart Village"	Dr. Priyanand Agale- Environmentalist Developed India's first Smart Village and Prof. Sadgir, COE Pune	28/08/2021	100
3	Expert talk on "Engineering for healthy Planet"	Er. Rajendra V Saraf- MD Viraj Enviro., Pvt. Ltd., Pune	15/09/2021	70

Term Two				
SN	Event name and details of event	Name of chief guest, judges etc.	Duration and Dates	Number of beneficiaries
1	Golden Opportunities' for Civil Engineer in Govt. Sector"	Er. Omkar Shendure Superintending Engineer, WRD, Govt. of Maharashtra	28/03/2022	78

**Name of Students' Chapter:** IGS

Faculty Advisor: Dr. R D Nalawade

Term Two				
SN	Event name and details of event	Name of chief guest, judges etc.	Duration and Dates	Number of beneficiaries
1	Inauguration of AISSMS COE IGS Students Chapter & Expert Lecture on IGS	Mrs. Annapoorni Iyer	3/2/2022	78
2	Quiz competition on Geotechnical Engineering	--	30/04/2022	52

**Name of Students' Chapter:** Indian Society of Technical Education (ISTE)

Faculty Advisor: M S Chiwande

<b>Term One</b>				
<b>SN</b>	<b>Event name and details of event</b>	<b>Name of chief guest, judges etc.</b>	<b>Duration and Dates</b>	<b>Number of beneficiaries</b>
1	Webinar on Financial literacy	Prof. Bhushan V. Adhav	17/07/2021	120

<b>Term Two</b>				
<b>SN</b>	<b>Event name and details of event</b>	<b>Name of chief guest, judges etc.</b>	<b>Duration and Dates</b>	<b>Number of beneficiaries</b>
1	Inauguration of AISSMS COE IGS Students Chapter & Expert Lecture on IGS	Mrs. Annapoorni Iyer	3/2/2022	78
2	Quiz competition on Geotechnical Engineering	--	30/04/2022	114

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

**Refer 3.6**

# **4. RESEARCH CONTRIBUTION**

#### 4.1 FUNDED RESEARCH PROJECT

Nil

#### 4.2 TESTING AND CONSULTANCY

Nil

#### 4.3 PATENTS, COPYRIGHT, TRADEMARK AND OTHER (IPR)

Term One				
Sr No.	Name of Faculty	Name of the Patent	Patent Number and Date	Type (National/International/Commercialized)
1	Dr. V N Patil	Writing board with arrangement of projector and camera	350663-001 24.11.2021	National

Term Two				
Sr No.	Name of Faculty	Name of the Patent	Patent Number and Date	Type (National/International/Commercialized)
1	Dr. V N Patil	Product Patent - Regular Equal Water Distribution System	202221000370 21/01/2022	National
2	Dr. V N Patil	Design Patent - Apparatus For Testing And Measuring Strength Of Embankment Material	353836-001 21/01/2022	National

#### PUBLICATIONS

#### 4.4 PAPERS PUBLISHED/ PRESENTED IN PROCEEDINGS OF CONFERENCES

Term One						
S. No	Authors	Document Details	Year	Conference Details	ISBN	Organized by
1	Dr. V N Patil	“Bearing capacity of Geocell reinforced model fly ash slope”	2021	First Indian Geotechnical and Environment Engineering Conference at NIT Jalandhar	--	NIT Jalandhar
2	Dr. V N Patil	“Plaxis 2D Numerical	2021	First Indian Geotechnical	--	NIT Jalandhar

		Analysis of Encased Stone Column in Soft Clay”		and Environment Engineering Conference at NIT Jalandhar		
3	Dr. U R Awari	Experimental investigation of externally bonded RC Beams using Banana fiber reinforced polymer	2021	Recent Trends on Innovation in Civil and Mechanical Engineering funded by Council of Science and Technology,	---	Teerthanker Mahavir University, Moradabad, Uttarpradesh
4	K N Kulkarni	Fuzzy Logic and its Developmental Advances: A Review	2021	2nd International Conference on IoT Based Control Networks and Intelligent Systems	--	---
5	S P Khedekar	Deep Learning Methodologies and Applications in Artificial Intelligence: A Review	2021	2nd International Conference on IoT Based Control Networks and Intelligent Systems	---	---

Term Two						
S. No	Authors	Document Details	Year	Conference Details	ISBN	Organized by
1	Dr. V N Patil	River Basin Crossing Road Profile With RSGIS	2022	2 nd international conference on River corridor research and management	--	IIT Guwahati
2	Dr. V N Patil	Landslide Remote sensing Data with QGIS	2022	North-East Research conclave	--	IIT Guwahati
3	Dr. U R Awari	Stability analysis of gravity dam with IS Code method	2022	National Conference on Innovation in Engineering	--	AISSMS COE





		and Ansys		and Technology (NCIET 2022)		
4	Dr. U R Awari	Analysis and design of foot over bridge using steel section	2022	National Conference on Innovation in Engineering and Technology (NCIET 2022)	--	AISSMS COE
5	Dr. U R Awari	Experimental Investigation of concrete pavement using polypropylene fibre reinforced concrete	2022	National Conference on Innovation in Engineering and Technology (NCIET 2022)	--	AISSMS COE
6	S A Chavan	A Design of Eco-Friendly Bitumen by adding Plastic Waste	2022	National Conference on Innovation in Engineering and Technology (NCIET 2022)	--	AISSMS COE
7	S A Chavan	Planning and Designing of High Rise Sustainable Building	2022	National Conference on Innovation in Engineering and Technology (NCIET 2022)	--	AISSMS COE
8	S P Khedekar	Deep Learning Methodologies and Applications in Artificial Intelligence: A Review	2022	International Conference on Emerging Trends in Engineering, Science and Management (ICETESM-2021)	--	--

#### 4.5 PAPERS PUBLISHED IN JOURNALS

##### Term One

S. No	Authors	Document Details	Year	Source Details	ISBN/ISSN	Publisher
1	Dr. V N Patil	"Bearing Capacity of Reinforced	2021	--	21967202	Journal of Transportation

		Embankment Slope Models of Fly Ash and Furnace Slag”				Infrastructure Geotechnology
2	Dr. P B Nangare	Evaluation of water treatment plant using Artificial Neural Network case study of PimpriChinchwad Municipal Corporation	2021	--	23635045	International Journal of Sustainable Water Resource
3	Dr. U R Awari	Seismic analysis of steel frame using soil structure interaction considering BRB	2021	---	2395-0056	International Research Journal of Engineering and Technology (IRJET)
4	Dr. U R Awari	Effect of Earthquake Resistant System on Vertically Irregular RC Tall Building	2021	--	2319-8753	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)
5	Dr. U R Awari	Suitability of lead rubber bearing of high rise building	2021	---	2456-0774	International Journal of Advanced Scientific Research and Engineering Trends
6	Dr. U R Awari	Effect of Partially Replacement of River Sand, by GBS Sand and Crushed Sand	2021	---	2347-6710	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)
7	Dr. U R Awari	Strengthening of RC Column using GFRP under Seawater Conditions	2021	--	2319-8753	International Journal of Innovative Research in Science, Engineering and



						Technology (IJRSET)
8	Dr. U R Awari	Influence of Nano-Silica and Rice Husk Ash on properties of Concrete	2021	---	2454-2237	International Journal of Research Publication and Reviews
9	Dr. D V Wadkar	Application of cascade feed forward neural network to predict coagulant dose	2021	--	23249676	Journal of Applied Water Engineering and Research
10	Dr. D V Wadkar	Evaluation of water treatment plant using Artificial Neural Network (ANN) case study of PimpriChinchwad Municipal Corporation (PCMC)	2021	--	Springer	Sustainable Water Resource Management
11	Dr. D V Wadkar	Microbial fuel cell: an innovative technology for wastewater treatment and bio-electricity generation	2021	--	314773	PENSEE
12	Dr. D V Wadkar	Application of soft computing in water treatment plant and water distribution network	2021	--	23249676	Journal of Applied Water Engineering and Research
13	K N Kulkarni	Developmental Studies for a Fuzzy Rule based System for Various Engineering Applications	2021	--	0011-9342	Design Engineering (Toronto)
14	V S Chavhan	Controlled Ski-jump Spillway Model Design	2021		2249-8958	IJEAT
15	V S Chavhan	CFD in Hydraulic Modeling	2021		2233-7857	IJFGCN

Term Two						
S. No	Authors	Document Details	Year	Source Details	ISBN/ISSN	Publisher
1	Dr. D V Wadkar	Effect of hydrogen peroxide and ferrous ion on the degradation of 2-Aminopyridine	2022	--	23249676	Journal of Applied Water Engineering and Research
2	Dr. S R Parekar, C S Misal	Energy Dissipation In Buildings Using Light Weight Buckling Restrained Bracings	2022	--	0012-2440	Dickensian Journal
3	S P Khedekar	Use of Recycled Concrete Aggregate in Construction	2022	--	2319-6491	International Journal of Engineering Inventions
4	S P Khedekar	Partial Replacement of Cement by Ground Granulated Blast Slag (GGBS) and Addition of Activated Charcoal Powder	2022	--	0363-805	Gradiva Review Journal

#### 4.6 BOOK/ ARTICLE PUBLICATIONS

Term One				
Author	Title of the Book	Published by	ISBN	Year
Dr. P B Nangare	River Hydraulics	Springer	978-1980501763	2021
Dr. D V Wadkar	Applications of cascade feed forward neural network for modeling of coagulant dose in a drinking water treatment plant: comparative study	Springer	978-1980501763	

#### 4.7 RESEARCH CITATIONS (Source of Data: Google scholar) (As on 30<sup>th</sup>May)

Name of faculty	Citations, h-index, i10 index	Name of faculty	Citations, h-index, i10 index
Dr. S R Parekar	27,3,1	Dr. P B Nangare	124,4,3
Dr. U R Awari	4,1,0	Dr. V N Patil	43,4,2
Dr. R D Nalawade	57,3,1	Dr. V S Chavhan	70,3,2

**Total Citations of Department: 323**

#### 4.9 PhD GUIDE DETAILS

Name of Faculty who are PhD Supervisor	Number of Scholars Registered
Dr. V N Patil	---
Dr. D V Wadkar	---

# **5. INTERACTION WITH INDUSTRY**



## 5.1 INDUSTRY VISITS ORGANISED

Term Two				
Sr. No.	Faculty Coordinator	Class and Number of students attended	Industry Name and Address	Date of visit
1	Dr. D V Wadkar P R Modak	TE, 85	Naidu Sewage treatment plant	17/05/2022
2	Dr. P B Nangare Dr. V S Chavhan	BE, 122	Gunjawani Dam and Nira Deoghar Dam to study Power canal, Canal Structure and CD work Spillway and Energy dissipater	08.04.22
3	Mrs. S. A. Chavan	SE, 150	ABMSP's Anantrao Pawar College of Engineering	24/03/2022
4	Mr. U. J. Jadhav	TE, 120	Kanchan height, Suncity, Sinhgad Road Pune	17/05/2022

## 5.2 EXPERT LECTURES / WEBINARS DELIVERED BY INDUSTRY EXPERTS

Term One					
Sr. No.	Faculty Coordinator	Class (Number of students attended)	Name, Industry, designation and contact details of Expert	Topic	Date
1	Dr. P. B. Nanagare	Online mode	Dr. Priyanand Agale (Environmental Development India's first Smart Village )	Keynote Speake	28 <sup>th</sup> August 2021
2.	Dr. P. B. Nanagare	Online mode	Dr. Erach Bharucha (Director BVIEER , Pune )	Keynote Speake	5 <sup>th</sup> June 2021
3.	Mrs. M. S. Chiwande	Online Mode	Prof. Bhushan Adhav (Founder , Lion Mind Development Center)	Finance Literacy	17 <sup>th</sup> July 2021
4.	Dr. R. D. Nalawade	Online Mode	Dr. Rajbal Singh (Former Joint Director and Head of Rock Mech, CSMRS, New Delhi )	Case Study in tunnel excavation in extremely weak rock mass condition	5 <sup>th</sup> September 2021

Term Two					
Sr. No.	Faculty Coordinator	Class (Number of students attended)	Name, Industry, designation and contact details of Expert	Topic	Date
1.	Dr. S. R. Parekar	UG, 120	Dr. Pradnya Dixit (VIIT, Pune)	Artificial Neural Network and its Applications in Civil Engineering	25/03/2022

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

Nil

### 5.4 MOU SIGNED WITH INDUSTRY

Term One				
Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto
1	Dr. G. C. Chikute	Kunal Chawda Civil Engineering & Consultant Pune	01-03-2022	28-02-2027

### 5.5 FACULTY MEMBERS UNDERGONE INDUSTRIAL TRAINING

Nil

### 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	Amey Parashram Remaniche	CIDC	TE	16.8.2021	15.9.2021	30
2	Phatak Akash Nanu	CIDC		16.8.2021	15.9.2021	30
3	Sanket Shahaji Patil	CIDC		16.8.2021	15.9.2021	30
4	Anushka Surve	CIDC		20.08.2021	18.09.2021	30
5	Dikshant Nanaji Meshram	CIDC		20.08.2021	18.09.2021	30

6	Sourabh Subhash Patil	CIDC	TE	20.08.2021	18.09.2021	30
7	Adhiraj Shrikant Kotwal	CIDC		09.08.2021	02.09.2021	25
8	Kalyani Shivaji Chavane	CIDC		09.08.2021	02.09.2021	25
9	Manishkumar Tulshiram Madavi	CIDC		09.08.2021	02.09.2021	25
10	Pradnya Shankar Khatpe	CIDC		09.08.2021	02.09.2021	25
11	Rutuj Nilesh Doshi	CIDC		09.08.2021	02.09.2021	25

Term Two						
Sr. No.	Name of the Student	Name of the Industry	Class	Training duration		
				Start date	Last date	Duration (days)
1	Adhiraj Shrikant Kotwal	Health audit of structures and	BE	07.08.2021	15.9.2021	30
2	Akhilesh Shashikant Salunkhe	Quantity Surveying and Billing	BE	16.8.2021	15.9.2021	30
3	Omkar Satish Patil	Quantity Surveying and Billing	BE	16.8.2021	15.9.2021	30
4	Pradnya Shankar khatpe	Health audit of structures and	BE	20.08.2021	18.09.2021	30
5	Mayur Vilas Salunkhe	Quantity Surveying and Billing	BE	20.08.2021	18.09.2021	30
6	Manishkumar Tulshiram Madavi	Health audit of structures and	BE	20.08.2021	18.09.2021	30
7	Amey Parashram Remaniche	Health audit of structures and	BE	09.08.2021	02.09.2021	25
8	Pragati Subhash Sannake	Applications of GIS Technology	BE	09.08.2021	02.09.2021	25
9	Kalyan Babasaheb Khemnar	Project Management and Project planning	BE	09.08.2021	02.09.2021	25
10	Rutuja Sunil Raut	Applications of GIS Technology	BE	09.08.2021	02.09.2021	25
11	Sourabh Subhash Patil	Project Management & Project Planning	BE	09.08.2021	02.09.2021	25
12	Kalyani Shivaji Chavane	Health audit of structures and	BE	09.08.2021	02.09.2021	25
13	Akash Nanu Phatak	Quantity Surveying and Billing	BE	09.08.2021	02.09.2021	25
14	Soniya Sanjay Pharande	Applications of GIS Technology	BE	09.08.2021	02.09.2021	25
15	Tejas vitthal Khamkar	Project Management & Project Planning	BE	09.08.2021	02.09.2021	25
16	Rutuj Nilesh Doshi	Health audit of structures and	BE	09.08.2021	02.09.2021	25



17	Sanket Shahaji Patil	Quantity Surveying and Billing	BE	09.08.2021	02.09.2021	25
18	Anushka Ganesh Surve	Project Management and Project Planning	BE	09.08.2021	02.09.2021	25
19	Dikshant Nanaji Meshram	Project Management and Project Planning	BE	09.08.2021	02.09.2021	25
20	Rohit Sukhadeo Mote	Quantity Surveying and Billing	BE	09.08.2021	02.09.2021	25

**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
1	Dr. P.B. Nangare	Dr. Parag Sadgir, Dr. Priyanand Agale and Chief Guest Dr. D B Panse -Secretary General IWWA / Indian Water work Association WWA, Pune	Inauguration of IWWA Student Chapter Technical knowledge exchange

**5.8 TRAINING TO INDUSTRY PERSONNEL/ ACTIVITY SUPPORTING TO INDUSTRY**

Nil

**5.9 ANY OTHER ACTIVITIES TO PROMOTE INTERACTION WITH INDUSTRY**

**Term One**

Sr. No.	Faculty coordinator	Name of Activity	Remark
1	Workshop of Syllabus Revision	Industry person involved in the syllabus revision	Sponsored by SPPU

# **6. STUDENTS' ACHIEVEMENTS**

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

<b>Term One</b>		
<b>Name of Student</b>	<b>Details of Achievement (State/University/National/International Level)</b>	<b>Remark (Domain)</b>
Gaurav Santosh Dudhe BE Civil-A	He won 1st prize in PRAGATI 2021 - The National Level Technical Innovation and Business Plan Competition	--
Gaurav Santosh Dudhe	His project on "Automated railway crossing with auto train speed control and live tracking" won Best Innovation Project - Certificate, Memento, Cash prize Rs. 20,000/- and also received Motivation prize on Foundation Day of SPPU	--
Gaurav Santosh Dudhe BE Civil-A	He won 1st prize in SPPU Innofest Kloudq Hackathon	--
Samkit Chajjed, Kalyani Chavane and Pradnya Khatpe	They won the competition I-2E, for innovation project titled Automatic equal quantity and quality water distribution	--

<b>Term Two</b>		
<b>Name of Student</b>	<b>Details of Achievement (State/University/National/International Level)</b>	<b>Remark (Domain)</b>
Vaibhav More SE Civil-B	Won 2nd prize in Downtown Utopia (part 2) competition in Engineering Today 2022	--
Yash Anil Bhadekar TE Civil-A	Won 2 <sup>nd</sup> prize in Downtown Utopia (part 2) competition in Engineering Today 2022.	--
Makarand Yuvraj Mali SE Civil B	Participated in Ideathon 2021-22	--
Hariom Birjdar, Tejas Rokade and Sneha Bhalshankar	Presented a research paper on RIVER BASIN CROSSING ROAD PROFILE WITH RSGIS in the 2nd international conference on River corridor research and management on 30.05.22 to 01.06.22 organized by IIT Guwahati	--
Nipul Girase, Bravimraj Desai	Presented a Poster on Rural Sustainable Development with Solar energy options in the 2 <sup>nd</sup> international conference on River corridor research and management on 30.05.22 to 01.06.22 organized by IIT Guwahati	--
Ajit Mathane, Rushikesh Lawand, Sourabh Patil, Shivraj Mulik	Published a paper on Use of Recycled Concrete Aggregate in Construction in International Journal of Engineering Inventions	--
Nandini Jagtap	Presented a research paper on "Landslide Remote sensing Data with QGIS in North-East Research conclave organized by IIT Guwahati on 20 to 22nd May 2022	--

**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)
Khushali Ekbote	Was awarded scholarship of Rs. 63994 by Opash Socio Commercial Pvt Ltd. Pune	

**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	Aditya Wagh	Completed 12 Week NPTEL course on Soil Mechanics and 12 Week course on Design of Reinforced Concrete Structures	NPTEL	July to October 2021
2	Makrand Y. Mali	edX course on Sustainable Urban freight transport	edX	June 2021
3	Pallavi Chile	Online Beginner hobby class	Korean Cultural Centre	June 2021

Term Two				
S N	Name of Student	Title of the Course	Conducted By	Duration/ Dates
1	Samir Shanware	Coursera Certificate on "Foundations of Project management"	Coursera	Feb 2022
2	Vinay Gupta	Udemy course on Construction methodology basics	Udemy	Jan 2022



## 6.4 NUMBER OF STUDENTS PLACED

Term Two			
Sr No	Name of Organization visited	Number of students Participated	Number of students Placed
1	Prime City Properties	25	15
2	Prism Johnson limited	10	1
3	vConstruct	10	4
4	Wisteria Real Vision Pvt Ltd	12	4
5	Sgurr Energy India	7	2
6	PERI India	4	1
7	GMD Consultants Mumbai	2	1
8	CAPGEMINI	3	1
9	Infosys	4	1

Lower Package Offered: 2.54 lakhs per annum

Higher package Offered: **4.10 lakhs per annum**

Average Package Offered: 3.5 lakhs per annum

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

Sr. No.	Name of Student	Examination	Examination / registration number
1	Sanket Bhame	Qualified GATE 2021 with score 31.9	----

## 6.6 SPORTS / CULTURAL ACHIEVEMENTS OF STUDENTS (Individual Level)

Term Two			
Name of Student	Details of Achievement (State/University/National/International Level)		Remark (Domain)
Pranav Gurav	Represented Khelo India University games 2022 in Athletics		---
ShubhamDhanawade	Winner in group performance in Firodia Karandak 2022		---

## 6.7 STUDENTS' ACHIEVEMENTS (Team Level)

Nil

# **7. SUMMARY AND SWOC ANALYSIS**

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

Sr. No.	Details
1	Civil Department completed the measurement survey of beneficiaries' houses of Kalyan Village for Pradhan Mantri Aawas Yojana under Unnat Bharat Abhiyan on 12.01.2022 initiated by NSS of AISSMS College of Engineering with volunteers Mr. Jatin Dhande, Mr. Kalpesh Patil, Mr. Prasad Bagul, Mr. Mihir Bhamare and Mr. Hrishikesh Ghorpade under the guidance of Dr. U R Awari, Mr. P R Modak and Dr. N N Shejwal, NSS Program Officer.
2	Civil Department started value added course of 32 hours on Up-skilling of Engineers for a batch of 50 students in association with Kushal Credai from 01.02.2022.

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

FACULTY	ACTIVITY
Dr. D V Wadkar	Chairman of BTAP for syllabus drafting
Dr. U R Awari	TE Civil 2019 syllabus revision Workshop organized by Department of Civil Engineering, AISSMS COE

**7.3 FEEDBACK FROM STAKEHOLDERS**

Sr No	Stake holder	Number of Feedbacks Received	Overall Feedback
1	Alumni	10	Good
2	Parents	8	Excellent
3	Employers	6	Good
4	Students	300	Excellent

**7.4 TWO BEST PRACTICES FOLLOWED IN THE DEPARTMENT**

Industry Institute Interaction
Value added course by Credai Pune

**7.5 MAJOR GRIEVANCES OF STUDENTS (IF ANY) REDRESSED**

Nil
-----

**7.6 SWOC ANALYSIS**

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

**Strengths:**

- 1 Well equipped laboratories
- 2 Highly Qualified Faculty
- 3 Excellent Staff retention
- 4 Excellent results
- 5 Large number of extra-curricular activities

**Weaknesses:**

- 1 Less R&D work
- 2 Less interdisciplinary projects
- 3 Less Start ups, Incubation cell activities
- 4 Less placement in core companies

**Opportunities:**

- 1 Improvement in R&D work
- 2 Improvement in placement
- 3 Increase in Less Start ups, Incubation cell activities
- 4 More Skill development courses

**Challenges**

- 1 Exposure to latest software used by industry
- 2 Collaboration with reputed institutes and industry
- 3 NABL labs
- 4 Increase in student placement

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

- 1 ISO accreditation
- 2 NABL accredited labs
- 3 More value based courses
- 4 MOU with reputed industry

**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	Student development programme
Organization of different activities	FDP, Industrial visit and expert lecture
Research and Innovation	Research paper publication and filing of patents
Industry institute Interaction	Internship support to students
Students' Achievements	Hackathon, Sports and cultural

**Declaration by the Head of the Department**

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

Dr P B Nangare



# AISSMS

## COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय  
Accredited by NAAC with "A+" Grade



### Internal Quality Assurance Cell

## DEPARTMENT OF CHEMICAL ENGINEERING

### ANNUAL REPORT

(15JUNE 2021 to 14June 2022)

TERM ONE: 15 June to 30November

TERM TWO: 01 December to 14 June

### Academic Year 2021 – 22

#### **Guidelines:**

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

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

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# **1. PROFILE OF DEPARTMENT**

## 1.1 INTRODUCTION

<b>Year of Establishment</b>	
<b>UG Programmes</b>	<b>1996</b>
<b>PG Programmes</b>	<b>2011</b>
<b>Number of Teaching Staff</b>	<b>12</b>
<b>Number of Non-Teaching Staff</b>	<b>6</b>

## 1.2 LABORATORIES IN THE DEPARTMENT

<b>Name of Laboratory</b>	
1. Chemistry	2. Process Dynamics & Control
3. Heat Transfer	4. Fluid Mechanics
5. Software	6. Mechanical Operations
7. Chemical Reaction Engineering	8. Mass Transfer I
9. Project	10. Mass Transfer II
11. Process Instrumentation & Control	12. Central Research Laboratory

## 1.3 SOFTWARES AVAILABLE IN THE DEPARTMENT

<b>Software Available</b>	
1. MATLAB	2. CHEMCAD
3. AUTO CAD	4. UNISIM
5. ANSYS	6.

## 1.4 FACULTY IN THE DEPARTMENT

<b>Name of faculty</b>	<b>Designation</b>
1. Dr P N Dange	Head
2. Dr M S Deshpande	Professor
3. Dr A S Jadhav	Assistant Professor
4. Dr M Y Naniwadekar	Assistant Professor
5. Mrs H L Kamble	Assistant Professor
6. Mr P M Warke	Assistant Professor
7. Mr K B Gandhi	Assistant Professor
8. Mr S B Ghugare	Assistant Professor
9. Mrs K N Bawankar	Assistant Professor
10. Dr A V Mohod	Assistant Professor
11. Mr P S Tadkar	Assistant Professor
12. Dr Mahendra Baingne	Assistant Professor
13. Dr K A Datir	Assistant Professor

## 1.5 DETAILS OF SUPPORTING STAFF

<b>Name of non-teaching staff</b>	<b>Designation</b>
Mr N B Jagtap	Sr Lab Assistant
Mr R S Mane	Lab Assistant

Mrs S R Deshmane	Lab Assistant
Mr G D Kate	Lab Attendant
Mr N D Ughade	Lab Attendant
Mr D S Rajivide	Lab Attendant

## 1.6 STUDENTS' ENROLLMENT

Program	GEN		SC		ST		OBC		PWD		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
UG	79	20	14	10	00	02	62	08	00	00	53	11	208	51
PG	05	00	00	01	00	00	00	00	00	00	00	00	05	01

## 1.7 STUDENTS-FACULTY FEEDBACK DETAILS

Term One					
Sr. No.	Name of faculty	Class and Subject taught	Feedback (I) (%)	Feedback (II) (%)	Average Feedback (%)

Term Two					
Sr. No.	Name of faculty	Class and Subject taught	Feedback (I) (%)	Feedback (II) (%)	Average Feedback (%)

## 1.8 RESULT ANALYSIS

Term One					
Name of faculty	Class and Subject Taught	% passing	Name of faculty	Class and Subject Taught	% passing
Mr S T Surase	SE EM III	100	Dr A S Jadhav	TE CIM	100
Dr M S Deshpande	SE Chem I	100	Dr S B Ghugare	BE PDC	98.51
Dr P N Dange	SE FM	100	Prof P S Tadkar	BE CRE II	100
Mr K B Gandhi	SE EM	100	Prof P M Warke	BE CED II	100
Dr M Baingne	SE PC	98.63	Prof K B Gandhi	BE EE	100
Mrs K N Bawankar	TE MT I	98.75	Dr S B Ghugare	BE PR	100
Dr M Y Naniwadekar	TE CT II	100	Dr M S Deshpande	BE IME	100
Mrs H L Kamble	TE CEM	100	Dr M Baingne DR K A Datir	BE PDE	100
Dr K A Datir	TE CET	98.75			

Term Two					
Name of faculty	Class and Subject Taught	% passing	Name of faculty	Class and Subject Taught	% passing
Dr Baviskar.	SE Chem II	84.93	Mrs H L Kamble	TE MT II	75.9
Mr.P. S. Tadkar	SE HT	89.04	Mrs K N Bawankar	TE CRE I	77.2
Dr S.B. Ghugare	SE POD	63.01	Dr. P.N.Dange	BE PMS	92.54
Dr. A.S.Jadhav	SE CT I	65.75	Dr. M.Y.Naniwadekar	BE PECPD	98.51
Mrs K.N. Bawankar	SE MO	84.93	Prof. P.M.Warke	BE CPS	100
Mr K B Gandhi	TE PIC	87.2	Dr. K. A. Datir	BE Petro Chem	100
Dr M Baingane	TE TP	84.6			

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

Term One												
S N	Class	Number of Students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1 - 9)	Very Good (A) (7.1 - 8)	Good (B+) (6.1 - 7)	Above Average (B) (5.1 - 6)	Average / pass class (4 - 5 )	Fail (F) 0 - 3.99	All Clear	With ATKT
1	FE											
2	SE	73	72	52	17	3	0	0	0	1	98.63	100
3	TE	80	77	58	19	0	0	0	0	0	96.25	100
4	BE	67	66	63	0	1	0	0	0	1	98.51	100

Term Two												
S N	Class	Number of Students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1 - 9)	Very Good (A) (7.1 - 8)	Good (B+) (6.1 - 7)	Above Average (B) (5.1 - 6)	Average / pass class (4 - 5 )	Fail (F) 0 - 3.99	All Clear	With ATKT

FE	47	10	0	3	9	16	12	6	0	0		
SE	73	35	1	22	12	0	0	0	0	0	47.94	100
TE	79	55	21	27	7	0	0	0	0	24	69.62	100

Term Two Final Result for BE Classes (Based on CGPA)												
S N	Class	Number of Students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1-10)	Excellent (A+) (8.1-9)	Very Good (A) (7.1-8)	Good (B+) (6.1-7)	Above Average (B) (5.1-6)	Average / pass class (4-5)	Fail (F) 0-3.99	All Clear	With ATKT
1	BE	67	62	23	27	10	1	0	0	5	92.50	NA

### 1.10 UNIVERSITY RANKERS (Consider last five academic years)

Academic Year 2021 – 22			
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



**BE Chemical 2021-22**



**Classroom Teaching**

**Software Lab**



**FM Lab**

# **2. FACULTY CONTRIBUTIO N**



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

Term One		
SN	Name of Faculty	Awards & Recognitions

Term Two		
SN	Name of Faculty	Awards & Recognition
1.	Dr A S Jadhav	Award received by Anusaya Foundation Dhayari, Chairperson Mrs. Swati Sachin Pokkale for Distribution of Masks, Respirometer and Vaporizers in villages near Pune on Occasion of Shiv Jayanti dated 06/03/2022
2	Dr A S Jadhav	Selected as advisor (Technical) in SM Surgical Company Pune on honorary basis
3	Mr. P. M. Warke	Appreciations by Higher Authorities through Emails (25/12/2021 & 16/02/2022) regarding Placement of Students and Industry- Institute Interaction.
4	Mr. P. M. Warke	Two Subjects (SE & ME) Chairman BOS Chemical Engineering SPPU, Pune.

## 2.2 CONTRIBUTION OF FACULTY (Interaction with outside world)

Term One		
SN	Name of Faculty	Nature and details of contribution (Representation at University, State, National, International level, corporate world, Social Platforms, etc)
1	Dr P N Dange	Member, BOS Chemical Engineering, SPPU Pune
2	Dr A S Jadhav	Developed Electrical Bed Specially for Orthopedic, Paralysis and Neuro patients because these patients cant able to move and lying idle on bed with Rudra Engineering Pune 20/06/2021
3	Dr M Y Naniwadekar	Paper presented in International Conference viz. WEECON 2021 organized by IEI Vietnam on Dec. 2021 ISBN: 978-81-954872-4-0
4	Mr P. M. Warke	On 23/11/2021 and 14/12/2021 correspondence with Reliance Industries Ltd., Mumbai. Selected (10) Students from Chemical, Mechanical and Electrical.
5	Mr P. M. Warke	On 15/06/2021 & 01/08/2021 relocated two alumni in Synergy Process Systems, Pune.
6	Mr P. M. Warke	Correspondence for campus recruitment drives conducted of Prismane Consulting, Hypro Engineers, Genrich Membranes, NALCO Water a Ecolab Company.

7	Mr P. M. Warke	Correspondence with Azeocryst Organics Pvt. Ltd. MIDC, Taloja regarding sponsored project for BE Students.
8	Mr P. M. Warke	Correspondence with Sun Pharmaceuticals, Air Products, Phronesis-Partner, Intellipaat, Hypro Engineers, Praj Industries Ltd., Makspeed Technologies for placement of BE students
9	Mr P. M. Warke	Correspondence for registration of MOUs with (05) Industries on AICTE Internship Web Portal on September 01, 2021.
10	Mr P. M. Warke	Correspondence with Privi Organics Ltd., MIDC Mahad for in-plant training of BE Students (02)
11	Mr P. S. Tadkar	Correspondence with Granules India Pvt Ltd for Placement of BE Students
12	Dr. A V Mohod	Post-doctoral Research fellow at University of Sao Paulo, Sao Paulo, Brazil from January 2020 to September 2022.

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 A S Jadhav	Participated in one day training program of Drumstick Cultivation conducted by SIILC Pune dated 12/10/2021
2	Dr. M Y Naniwadekar	Reviewer for 2 <sup>nd</sup> National conference on Innovation in Engineering and Technology organized by AISSMS COE dated 20/05/2022
3	Mr. P. M. Warke	On 01/02/2022, coordinated for the help of Rs. 15,000/- from an Industry Personnel Mr. A. G. Patil, Synergy Process Systems, Baner to our Alumnus Mr. Ashutosh Bomble 2019 batch for his medical treatment.
4	Mr. P. M. Warke	On 04/02/2022, coordinated for the help of balanced fee Rs. 20,000/- from an Industry Personnel Mr. R. D. Patil, Dubai to our needy student Ms. Sakshi Deshmane BE Chemical (2021-22) batch for the College fee.
5	Mr. P. M. Warke	Correspondence with Bureau of Indian Standards, Pune branch office for MOU, formation of 'Standards' Club in AISSMS COE, Pune. Organized Visit of Students to the Office for One Day Training on 07/02/2022, Organized Industrial Visit to Vanaz Engineers Ltd., Pune on 13/04/2022. Organized Expert Lecture of Head- BIS, Pune on 19/04/2022. Two Days Training (6-7/05/2022) at YASHADA, Pune.
6	Mr. P. M. Warke	For Campus Recruitment Drives conducted, correspondence with Praj Industries Ltd., Pune, Siemens Energy Ltd., Mumbai, NOCIL, Mumbai, P- Square Technologies, Pune, Century Enka Ltd., Pune, BYJU'S Think and Learn Pvt. Ltd., toyaM Technologies Pvt. Ltd.,

		Pune, UHP Technologies, Bangalore, NM Jalmaitreya LLP, Chakan, Marcuras Water Treatment (I) Pvt. Ltd., Bhosari.
7	Mr. P. M. Warke	Correspondence with Chemtrol Industries, Appttrain Systems, Vadodara for MOUs with AISSMS COE, Pune.
8	Mr P. S. Tadkar	Correspondence with Granules India Pvt Ltd for Placement of BE Students

### 1.3 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	Mrs H. L. Kamble	Root Finding Methods- Bisection Method	YouTube	<a href="https://www.youtube.com/watch?v=8ZghmbnxczQ">https://www.youtube.com/watch?v=8ZghmbnxczQ</a>
2	Mrs H. L. Kamble	Chemical Engineering Mathematics	Google Drive	<a href="https://drive.google.com/drive/u/1/folders/1Fp4_aRI0_nu_bP5EDjbTkh1bY7zGLBQ-">https://drive.google.com/drive/u/1/folders/1Fp4_aRI0_nu_bP5EDjbTkh1bY7zGLBQ-</a>
3	Mr P. M. Warke	Chemical Engineering Design II	Google Drive. Also mailed to students of BE Chemical	<a href="https://drive.google.com/file/d/1bE0ylwbZNRryx3off8j_7_gaRnMOud0x/view?usp=sharing">https://drive.google.com/file/d/1bE0ylwbZNRryx3off8j_7_gaRnMOud0x/view?usp=sharing</a>
4	K B Gandhi	Iron carbon diagram		<a href="https://drive.google.com/drive/u/1/folders/10GS7Z9C07VQxFdaYfxDOJab7_MRY4aJL">https://drive.google.com/drive/u/1/folders/10GS7Z9C07VQxFdaYfxDOJab7_MRY4aJL</a>
5	Dr. S B Ghugare	Process Dynamics & Control	Google Classroom	<a href="https://classroom.google.com/c/MzE5MjA5MjMwOTky?cjc=kzxgi45">https://classroom.google.com/c/MzE5MjA5MjMwOTky?cjc=kzxgi45</a>

6	Dr. S B Ghugare	Petroleum Refining	Google Classroom	<a href="https://classroom.google.com/c/MzE5MjA5MjMxMTAz?cjc=qx3n4n6">https://classroom.google.com/c/MzE5MjA5MjMxMTAz?cjc=qx3n4n6</a>
7	Mrs K N Bawankar	MT-I:Class Presentations, Notes, Solved Numericals	Power Point PDFs NPTEL videos Self-made lab experiment videos (Google drive and Microsoft Teams)	<a href="https://drive.google.com/drive/folders/1zsrQybrD_j_n33wOyfy6UwtrEGqoSS87">https://drive.google.com/drive/folders/1zsrQybrD_j_n33wOyfy6UwtrEGqoSS87</a>
8	Mr P S Tadkar	CRE II	Google Drive	<a href="https://drive.google.com/drive/folders/13CsZt9mVXy67PUI0pWJqD5yktvwV3_w-tKWDAbUXIF5qmpLOnRfNmXJTj2sBbI9OM9q8o42k?usp=sharing">https://drive.google.com/drive/folders/13CsZt9mVXy67PUI0pWJqD5yktvwV3_w-tKWDAbUXIF5qmpLOnRfNmXJTj2sBbI9OM9q8o42k?usp=sharing</a>
9	Mr P S Tadkar	PDE	Google Drive	<a href="https://drive.google.com/drive/folders/13CsZt9mVXy67PUI0pWJqD5yktvwV3_w-tKWDAbUXIF5qmpLOnRfNmXJTj2sBbI9OM9q8o42k?usp=sharing">https://drive.google.com/drive/folders/13CsZt9mVXy67PUI0pWJqD5yktvwV3_w-tKWDAbUXIF5qmpLOnRfNmXJTj2sBbI9OM9q8o42k?usp=sharing</a>
10	Dr. M. Baingne	Process Calculations	Google Drive	<a href="https://drive.google.com/file/d/1vIycmMNP7U0iqQtFMIIzVEr3San3SrA4/view">https://drive.google.com/file/d/1vIycmMNP7U0iqQtFMIIzVEr3San3SrA4/view</a>
11	Dr K A Datir	CET Notes	Google Drive	<a href="https://drive.google.com/drive/folders/1Ksb01BfWrxF_PH5PLIwqN7_mi3T3c5Um?usp=sharing">https://drive.google.com/drive/folders/1Ksb01BfWrxF_PH5PLIwqN7_mi3T3c5Um?usp=sharing</a>

Term Two				
Sr No.	Name of Faculty	Title of e-content	e-content development facility/platform	link of the content
1	H. L. Kamble	MassTransfer-II	Google Drive	<a href="https://drive.google.com/drive/u/1/folders/1H7DWuRQN2rRAA9WZJik2sXJj_4vBsBCD">https://drive.google.com/drive/u/1/folders/1H7DWuRQN2rRAA9WZJik2sXJj_4vBsBCD</a>
2	Mr K B Gandhi	PIC	PIC Practical	<a href="https://drive.google.com/drive/u/1/folders/10GS7Z9C07VQxFdaYfxDOJab7_MRY4aJL">https://drive.google.com/drive/u/1/folders/10GS7Z9C07VQxFdaYfxDOJab7_MRY4aJL</a>
3	Dr. S B Ghugare	Principles of Design	Google Classroom	<a href="https://classroom.google.com/c/NDY5NTMzOTkyNzA4?cjc=gwdpgyf">https://classroom.google.com/c/NDY5NTMzOTkyNzA4?cjc=gwdpgyf</a>
4	Dr. S B Ghugare	Advanced Process Control	Google Drive	<a href="https://drive.google.com/drive/folders/12KtioLSZnDylEOJc1cFQbky0yg96dHtv?usp=Sharing">https://drive.google.com/drive/folders/12KtioLSZnDylEOJc1cFQbky0yg96dHtv?usp=Sharing</a>
5	Mrs K N Bawankar	MO:Class Presentations, Notes, Solved Numericals	Power Point PDFs NPTEL videos (Google drive)	<a href="https://drive.google.com/drive/folders/1zsrQybrD_j_n33wOyfy6UwtrEGqoSS87">https://drive.google.com/drive/folders/1zsrQybrD_j_n33wOyfy6UwtrEGqoSS87</a>
6	Mr P S Tadkar	HT	Google Drive	<a href="https://drive.google.com/drive/folders/1v2nO2RUwnI6hOkKvsKxvh5q4in2F0YY2p2AoBGo97g21SUo13haJmg_hkPc9EFEnbvtaJbfr?usp=share_link">https://drive.google.com/drive/folders/1v2nO2RUwnI6hOkKvsKxvh5q4in2F0YY2p2AoBGo97g21SUo13haJmg_hkPc9EFEnbvtaJbfr?usp=share_link</a>
7	Dr. M. Baingne	Transport Phenomena	Google Drive	<a href="https://drive.google.com/file/d/1sUyyeGGiYrqCeABDJ07AflsM8W_12-s/view">https://drive.google.com/file/d/1sUyyeGGiYrqCeABDJ07AflsM8W_12-s/view</a>
8	Dr K A Datir	PETRO NOTES	Google Drive	<a href="https://drive.google.com/drive/folders/1Jg2viJWU4QNP08gUm7cd1aPG">https://drive.google.com/drive/folders/1Jg2viJWU4QNP08gUm7cd1aPG</a>

**2.4 FDP/STTP ATTENDED BY THE DEPARTMENT FACULTY**

<b>Year</b>	<b>Name of the participant</b>	<b>Designation</b>	<b>Title of the FDP /MDP/ professional development / administrative training program</b>	<b>Dates (from-to) (DD-MM-YYYY)</b>
2021-22	Dr. M. Y. Naniwadekar	Assistant Professor	FDP on Recent Trends in Green Technology and Materials	20-12-2021 To 24-12-2021
2021-22	Dr A S Jadhav	Assistant Professor	Workshop on Personality Development	18-08-2021 To 25-08-2021
2021-22	Dr. S. B. Ghugare	Assistant Professor	FDP on Sustainability Engineering	18-01-2022 To 22-01-2022
2021-22	Mrs. H. L. Kamble	Assistant Professor	FDP on Outcome Based Teaching-Learning	21-03-2022 To 25-03-2022
2021-22	Mr. K. B. Gandhi	Assistant Professor	FDP on Innovations in techno-management and strategic case based teaching learning	06-08-2021 To 08-08-2021
2021-22	Mrs. K. N. Bawankar	Assistant Professor	FDP on Software Based Case Studies For Development of Multi Disciplinary Projects	22-11-2021 To 26-11-2021
2021-22	Mr. P. S. Tadkar	Assistant Professor	FDP on Environment, Energy, Health Current Research & Social Responsibilities	25-04-2022 To 29-04-2022
2021-22	Dr. M. Baingne	Assistant Professor	FDP on Recent Trends in Green Technology and Materials (RTIGTAM-2021)	20-12-2021 To 24-12-2021

2021-22	Dr. K. A. Dahir	Assistant Professor	FDP on Recent Trends in Green Technology and Materials (RTIGTAM-2021)	20-12-2021 To 24-12-2021
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## 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 P N Dange	Webinar on Process Design and Simulation on Nov.	AICHE student Chapter, AISSMS COE Pune	12/11/2021
2	Dr P N Dange	Webinar on New Emerging Technologies in Energy Saving Field	AICHE student Chapter, AISSMS COE Pune	23/08/2021
3	Dr M Y Naniwadekar	Symbol of knowledge – My Constitution My Pride	AISSMS COE with NSS & UBA	08/12/2021
4	Dr M Y Naniwadekar	Orientation Session on NEP	AISSMS COE & MoE Innovation Cell (AICTE)	04/10/2021
5	Dr M Y Naniwadekar	Developing Entrepreneurship Personalities	AISSMS COE & MoE Innovation Cell (AICTE)	04/10/2021
6	Dr M Y Naniwadekar	IPR with reference patent drafting and filling in Indian context	AISSMS COE & MoE Innovation Cell (AICTE)	14/10/2021
7	Dr M Y Naniwadekar	Role of IPR in Start-up	AISSMS COE & MoE Innovation Cell (AICTE)	14/10/2021
8	Dr M Y Naniwadekar	Introduction to IPR	AISSMS COE PUNE	13/10/2021

9	Dr M Y Naniwadekar	Mazi Vasundhara Mitra	Environment & Climate Change Department (Govt of Maharashtra )	10/10/2021
10	Dr M Y Naniwadekar	Design of Distillation Column using ASPEN Hysys software	AIChE Students Chapter, AISSMS COE PUNE	17/09/2021
11	Dr M Y Naniwadekar	Engineering our way to superior surfaces for industrial benefits	IICHe-HRC Hyderabad.	31/07/2021
12	Dr M Y Naniwadekar	Kargil Vijay Diwas	AISSMS COE PUNE & ISTE	30/07/2021
13	Dr M Y Naniwadekar	Automotive Industry Trends and Challenges	AISSMS I-CONNECT (Industry-Institute Interaction Program)	10/07/2021
14	Dr M Y Naniwadekar	Correct Priorities while implementing energy conservation projects	AIChE Students Chapter, AISSMS COE PUNE	23/08/2021
15	Dr M Y Naniwadekar	Role of Professional Students' Chapter in Enhancing Engineering Students Career Growth and Increasing Opportunities	AISSMS COE & ISTE	26/07/2021
16	Mr P M Warke	(03) one day Webinars on 'Impact Lecture Series on IPR & Entrepreneurship Development'	Innovation Cell of AISSMS COE, Pune	14/10/2021
17	Mr P M Warke	One day Webinar on 'Equipment Layout'	AIChE Student Chapter, Department of Chemical Engineering, AISSMS COE, Pune	02/09/2021
18	Mr P M Warke	One day State level Webinar on 'Distillation Column and	AIChE Student Chapter,	17/09/2021



		ASPEN HYSYS'	Department of Chemical Engineering, AISSMS COE, Pune	
19	Mr P M Warke	One day International Webinar on 'Plate H. E.'	AICHE Student Chapter, Department of Chemical Engineering, AISSMS COE, Pune	08/10/2021
20	Mr P M Warke	One day Webinar on 'Current Scenario of India'	Innovation Cell of AISSMS COE, Pune	14/10/2021
21	Mr P M Warke	One day Webinars 1 & 2 under 'Impact Lecture Series'	Innovation Cell of AISSMS COE, Pune	18/10/2021
22	Mr P M Warke	Half day Seminar on Symbol of Knowledge by Dr. V. Chaudhari	NSS Unit of AISSMS COE, Pune	14/10/2021
23	Mr P M Warke	Half day Seminar on Green Technology Mr. Yogesh Kondaskar	NSS Unit of AISSMS COE, Pune	01/10/2021
24	Mr P M Warke	One day Webinar on 'Wings of NSS'	NSS Unit of AISSMS COE, Pune	09/09/2021
25	Mr P M Warke	Half day 'Correct priorities while implementing Energy Conservation Projects' Mr. Sudhir Shah, PCRA Faculty Trainer	AICHE Students Chapter of Department of Chemical Engineering, AISSMS COE, Pune	23/08/2021
26	Mr P M Warke	Half day Webinar delivered by Prof. M S Swami on 'Innovation under Entrepreneurship Development Skill'	Innovation Cell of AISSMS COE, Pune	23/08/2021
27	Mr P M Warke	Two days 'Orientation Program'	Department of Chemical Engineering, AISSMS COE,	27/08/2021 to 28/08/2021

			Pune	
28	Mr P M Warke	One day Webinar on 'Multidisciplinary Career Opportunities For Engineers'	Department of Chemical Engineering, AISSMS COE, Pune	08/08/2021
29	Mr P M Warke	One day Webinar on 'Research, Innovation and IPR in Chemical Engineering'	Department of Chemical Engineering, AISSMS COE, Pune	12/10/2021
30	Mr K B Gandhi	Orientation Programme conducted by AIChE student Chapter.	AISSMS COE	29/07/2020 to 30/07/2020
31	Dr. S B Ghugare	Webinar on "Research, Innovation and IPR in Chemical Engineering"	IIC Cell, AISSMSCOE, Pune	12/10/2021
32	Dr. S B Ghugare	Webinar on "IPR with reference patent drafting and filing in Indian context"	IIC Cell, AISSMSCOE, Pune	14/10/2021
33	Dr. S B Ghugare	Webinar on "Current Scenario of India"	AISSMSCOE, Pune	11/10/2021
34	Dr. S B Ghugare	Webinar on "Role of IPR in Start-up"	IIC Cell, AISSMSCOE, Pune	14/10/2021
35	Dr. S B Ghugare	Webinar on "Design of Distillation Column using Aspen Hysys Software"	Department of Chemical Engineering, AISSMSCOE, Pune	17/09/2021
36	Dr. S B Ghugare	Webinar "Current Scenario of India"	AISSMSCOE, Pune	11/10/2021
37	Ms K N Bawankar	Webinar on Design of Distillation Column using Aspen Hysys E	AIChE Student Chapter, AISSMS COE Pune	17/09/2021
38	Ms K N Bawankar	Webinar on Correct Priorities implementing Energy Conservation Projects	AIChE Student Chapter, AISSMS COE Pune	23/08/2021
39	Ms K N Bawankar	Webinar: Orientation Programme	AIChE Student Chapter, AISSMS COE Pune	27/08/2021 to 28/08/2021
40	Ms K N Bawankar	Plate heat exchanger	AIChE Student Chapter, AISSMS COE	08/10/2021

			Pune	
41	Ms K N Bawankar	Webinar on Multidisciplinary career opportunities for engineers	AICHE Student Chapter, AISSMS COE Pune	10/08/2021
42	Ms K N Bawankar	Webinar on How to Prepare Equipment Layout	AICHE Student Chapter, AISSMS COE Pune	02/09/2021
43	Mr P S Tadkar	Symbol of Knowledge-My Constitution My Pride	AISSMS COE Pune	01 Day 08/12/2021
44	Mr P S Tadkar	Application of Process Modelling in improvement and Optimization of Industrial Process	AISSMS COE Pune	01 Day 29/11/2021
45	Mr P S Tadkar	Webinar Series on Research Methodology	AISSMS COE Pune	One Week 15/11/2021 to 23/11/2021
46	Mr P S Tadkar	Six Sigma	AISSMS COE Pune	01 Day 24/10/2021
47	Mr P S Tadkar	Role of IPR in Startup	AISSMS COE Pune	01 Day 14/10/2021
48	Mr P S Tadkar	IPR with reference patent drafting and filling in Indian Context	AISSMS COE Pune	01 Day 14/10/2021
49	Mr P S Tadkar	Research, Innovation and IPR in Chemical Engineering	AISSMS COE Pune	01 Day 12/10/2021
50	Mr P S Tadkar	Learning & Upskilling During Global Crisis	AISSMS COE Pune	01 Day 09/10/2021
51	Mr P S Tadkar	Plate Heat Exchanger-Basic Introduction and comparison with Shell & Tube Heat Exchanger	AISSMS COE Pune	01 Day 08/10/2021
52	Mr P S Tadkar	Current Scenario of India	AISSMS COE Pune	01 Day 04/10/2021
53	Mr P S Tadkar	Developing Entrepreneurship Personalities	AISSMS COE Pune	01 Day 04/10/2021
54	Mr P S Tadkar	Virtual Guidance and Motivational Talk on Defence Services in India	AISSMS COE Pune	01 Day 03/10/2021
55	Mr P S Tadkar	Global Trends and	AISSMS COE	01 Day

		Challenges in Nano Technology	Pune	30/09/2021
56	Mr P S Tadkar	Webinar: Orientation Programme	AISSMS COE Pune	02 Days 27/08/2021 to 28/08/2021
57	Mr P S Tadkar	Strategic Approach for Research and Innovation	AISSMS COE Pune	01 Day 26/08/2021
58	Mr P S Tadkar	Idea Generation to Innovation	AISSMS COE Pune	01 Day 23/08/2021
59	Mr P S Tadkar	Correct Priorities while implementing Energy Conservation Projects	AISSMS COE Pune	01 Day 23/08/2021
60	Mr P S Tadkar	Being Independent In Academic Writing	Pharma State academy	01 Day 14/08/2021
61	Mr P S Tadkar	India's Energy Needs and Innovative Solutions Confirmation	IIT Madras	01 Day 14/08/2021
62	Mr P S Tadkar	Clean Water: Challenges and Opportunities Confirmation	IIT Madras	01 Day 13/08/2021
63	Mr P S Tadkar	Engineering Our Way to Superior Surfaces for Industrial Benefit	UICT Hyderabad	01 Day 31/07/2021
64	Mr P S Tadkar	Innovation in Technology Adoption and Development of High Precision Slipping: A Case Study	AISSMS COE Pune	01 Day 18/07/2021
65	Mr P S Tadkar	Financial Literacy	AISSMS COE Pune	01 Day 17/07/2021
66	Mr P S Tadkar	Entrepreneurship and Atmanirbhar Bharat for Start Up India	AISSM COE Pune	01 Day 07/07/2021
67	Mr P S Tadkar	Role of Professional Students' Chapter in Enhancing Engineering Students Career Growth and Increasing Opportunities	AISSM COE Pune	01 Day 26/06/2021
68	Mr P S Tadkar	OBE- in pursuit of Academic Excellence-II	Karpagam Academy of Higher Education Coimbatore	01 Day 24/06/2021

69	Mr P S Tadkar	Yoga Week	AISSM COE Pune	01 Day 21/06/2021
70	Mr P S Tadkar	Intellectual Property Rights	AISSM COE Pune	01 Day 19/06/2021
71	Mr P S Tadkar	Symbol of Knowledge	AISSM COE Pune	01 Day 11/06/2021
72	Mr P S Tadkar	Ecosystem Restoration	AISSMS COE Pune	01 Day 05/06/2021
73	Mr P S Tadkar	Intellectual Property Rights	AISSMS COE Pune	01 Day 05/06/2021
74	Mr P S Tadkar	CFD Analysis & Case Studies	AISSMS COE Pune	01 Day 04/06/2021

Term Two				
S N	Name of Faculty	Title of the Seminar/Webinar	Organized By	Duration/ Dates
1	Dr P N Dange	Webinar on Role of Chemical Engineers in industry	AICHE student Chapter, AISSMS COE Pune	12/03/2022
2	Dr P N Dange	Webinar on 'Corporate Ready'	AICHE student Chapter, AISSMS COE Pune	24/03/2022
3	Dr P N Dange	Webinar on 'Chemical Plant Operation'	AICHE student Chapter, AISSMS COE Pune	04/03/2022
4	Dr M Y Naniwadekar	National Intellectual Property Awareness Mission	Intellectual Property Office and MoE's Innovation Cell, India	28/06/2022
5	Mrs H. L. Kamble	Data Science, AI and Advances in Chemical Engineering	School of Chemical Engineering, MIT World Peace University	28/04/2022

6	Mrs H. L. Kamble	Attended webinar on “Role of Chemical Engineers in Industry”	AISSMS COE AIChE students’ chapter	12/03/2022
7	Mrs H. L. Kamble	Attended webinar on “Process Engineering Costing and Plant Design”	IICChE students’ chapter	16/03/2022
8	Mrs H. L. Kamble	Attended seminar on “Corporate Ready”	AISSMS COE AIChE students’ chapter	24/03/2022
9	Mrs H. L. Kamble	Attended webinar on “Introduction to Chemical Plant”	AISSMS COE Pune	04/03/2022
10	Mrs H. L. Kamble	Attended seminar on “Dress to Success: How to build your desired image and brand”	AISSMS COE AIChE students’ chapter	06/04/2022
11	Mrs H. L. Kamble	Attended webinar on “Introduction to Energy Integration”	IICChE students’ chapter	01/05/2022
12	Mrs K N Bawankar	Webinar on “Memory Enhancement” organized by Department of Chemical Engg, AISSMSCOE, Pune	AIChE Student Chapter, AISSMS COE Pune	02/03/2022
13	Mrs K N Bawankar	Expert lecture on “Corporate ready, organized by Dept of Chemical Engg, AISSMSCOE	AIChE Student Chapter, AISSMS COE Pune	24/03/2022
14	Mrs K N Bawankar	Expert lecture on Dress to Success	AIChE Student Chapter, AISSMS COE Pune	06/04/2022
15	Mrs K N Bawankar	Webinar on Energy Conservation in Oil and gas industry	AIChE Student Chapter, AISSMS COE Pune	22/04/2022
16	Mr P S Tadkar	ANSYS Workshop - A Hands-on introduction to Computational Fluid Dynamics	CADFEM ANSYS	One Day 12/03/2022
17	Mr P S Tadkar	Emerging Trends in Industry after Pandemic	Sahakar Maharshi Shankarrao Mohite -Patil Institute Of Technology And Research, Shankarnagar	Two Days 21/05/2022 to 22/05/2022

			- Akluj	
18	Mr P S Tadkar	Introduction to Chemical Plant Operation	AISSMS COE Pune	One Day 04/03/2022
19	Mr P S Tadkar	How Chemical Engineers are redefining the product development (Pharmaceutical Space)	Anurag University Telgana	One Day 07/01/2022
20	Dr. M. Baingne	Industrial application of Surfactants	“Indian Society for Surface Science and Technology- Western India Chapter” and “Society for Industrial Chemistry, Mumbai”	10/06/2022
21	Dr. M. Baingne	TRIZtalks - Chapter 5	TRIZ (Theory of Inventive Problem Solving) Asia	27/05/2022
22	Dr. M. Baingne	Data Science, AI and Advances in Chemical Engineering and Career Opportunities in M. Tech. Chemical Engineering	MIT World Peace University Pune	28/04/2022
23	Dr. M. Baingne	Building Chemicals and Petrochemicals Logistics Ecosystem	Indian Chemical News (ICN)	12/04/2022
24	Dr. M. Baingne	Petrochemicals: Positioning India as a Hub by 2035	Indian Chemical News (ICN)	15/03/2022
25	Dr. M. Baingne	CII Design Talk Series – Session 7	Confederation of Indian Industry (CII) and World Design Organization	25/02/2022
26	Dr K A Datir	TRIZ talk Chapter 3		25/03/2022
27	Dr K A Datir	TRIZ talk Chapter 5		27/05/2022
28	Dr K A Datir	TRIZ talk Chapter 6		24/06/2022
29	Mr. P. M Warke	Webinar on ‘Role of Chemical Engineers in industry’	AICHE Student Chapter, AISSMS COE Pune	12/03/2022
30	Mr. P. M Warke	Seminar on ‘Corporate Ready’	AICHE student Chapter, AISSMS COE Pune	24/03/2022

31	Mr. P. M Warke	Webinar & Seminar on 'Chemical Plant Operation'	AICHE student Chapter,AISSMS COE Pune	04/03/2022
32	Mr. P. M Warke	Seminar on 'Dress to Success: How to build your desired image and brand	AICHE student Chapter,AISSMS COE Pune	06/04/2022

## 2.6 CONFERENCES/ SYMPOSIUMS ATTENDED BY THE DEPARTMENT

### FACULTY

Term One				
S N	Name of Faculty	Title of the Conference / Symposium	Organized By	Duration/ Dates
1	Mr . P. M. Warke	One day online 'Parents Meet'	Department of Chemical Engineering, AISSMS COE, Pune	25/12/2022
2	Mr . P. S. Tadkar	One day online 'Parents Meet'	Department of Chemical Engineering, AISSMS COE, Pune	25/12/2022
3	Mr . P. S. Tadkar	World Biofuel Day: Promotion of Biofuels for a better environment	ICN	01 Day 10/08/2021
4	Mr . P. S. Tadkar	Role of Academia in Enabling Chemical Industry Achieve Newer Heights	ICN	01 Day 12/07/2021
5	Mr . P. S. Tadkar	Unlocking Lab Efficiency through Digital Transformation	ICN	01 Day 08/06/2021

Term Two				
S N	Name of Faculty	Title of the Conference / Symposium	Organized By	Duration/ Dates
1	Dr P N Dange	Attended Coursera conference-2022	Coursera	04/05/2022 to 05/05/2022
2	Mr P S Tadkar	E conference on Lab Digitalization Delivering Efficiency & Sustainability	Indian Chemical News	24/05/2022
3	Dr K A Datir	E conference on Lab Digitalization Delivering Efficiency & Sustainability	Indian Chemical News	24/05/2022



4	Dr K A Datir	National Webinar on “Industry Application of Surfactant”	Indian Society for Surface Science and Technology- Western India Chapter in association with Society for Industrial Chemistry, Mumbai	10/06/2022
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## 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 K B Gandhi	Excel skill for Business Essential	Coursera	1 MONTH 07/09/2020

Term Two				
S N	Name of Faculty	Title of the Course	Conducted By	Duration/ Dates
1	Mr. P. M. Warke	One day Training on ‘Standards’	BIS, Pune branch office	07/02/2022
2	Mr. P. M. Warke	One day Training on ‘Food Technology’	Mapro Foods Pvt. Ltd. Wai, Dist. Satara	17/03/2022
3	Mr. P. M. Warke	Two days Certificate Training Programme for ‘Mentors of Standards Clubs’	BIS, Pune branch office	06/05/2022 to 07/05/2022

## 2.8 EXTENSION LECTURES / WEBINARS (Lectures organized 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	Mr P S Tadkar	Multidisciplinary Career	Mr Narendra Gadre	10/08/2021	113

		Opportunities for Engineers	Director, Napro Scientific Pune		
2	Mr P S Tadkar	Roles of Chemical Engineer in Industry	Dr Sachin Jadhao Director Chemengg Research Pvt Ltd	16/12/2021	59

Term Two					
S N	Name of faculty coordinator	Topic	Name and contact details of guest	Date	Number of beneficiaries
1.	Dr A S Jadhav	Energy Management and Energy Efficiency in Industrial Utilities	Resource Person: Mr. Kailash Tarde Individual and Associate Consultant - Dynamic Energy Engineers, Pune	08/04/2022	100
2	Mr P M Warke	Corporate Ready	Col. Uday Jagavkar	24/03/2022	102
3	Mr P M Warke	Dress to Success: How to build your desired image and brand	Mrs. Pallavi Bengeri	06/04/2022	94
4	Mr K B Gandhi	Yoga for Prevention from covid-19		09/05/2021	
5	Mr. P. M Warke	Webinar on 'Role of Chemical Engineers in industry'	Mr. Divyesh Desai, GM- Process, Chemie- Tech Projects Ltd., Vadodara (Gujarat)	12/03/2022	32

## 2.9 FACULTY SERVED AS RESOURCE PERSON, EXPERT, CHAIRPERSON

Term One				
S N	Name of Faculty	Title of Activity	Organizing body	Date
1	Dr P N Dange	Expert Lecture titled 'Recent Trends in Technology and Materials' at SIT Pune	SCOE Pune	22/12/2021
2	Dr P N Dange	Expert for Paper Presentation at Prkalp -2021	MAE Alandi	13/09/2021 to 14/09/2021
3	Dr M Y Naniwadekar	Reviewer for 2 <sup>nd</sup> National conference on Innovation in Engineering and Technology	AISSMS COE PUNE	20/05/2021
4	Dr S B	Invited as a Recourse Person and	Department	22/11/2021

	Ghugare	Delivered expert talks on “DWSIM: Chemical Process Simulation Software” in the Faculty Development Program on “Software Based Case Studies for Development of Multidisciplinary Projects”	of Computer Engg., in Association with Faculty Development Cell, AISSMSCO E, Pune	
5	Mr P S Tadkar	Invited as a Recourse Person and Delivered expert talks on “Taguchi Method” in the Faculty Development Program on “Software Based Case Studies for Development of Multidisciplinary Projects”	Department of Computer Engg., in Association with Faculty Development Cell, AISSMSCO E, Pune	22/11/2021
6	Mr P S Tadkar	Expert for Paper Presentation at Prakalp -2021	MAE Alandi	13/09/2021 to 14/09/2021

### Term Two

S N	Name of Faculty	Title of Activity	Organizing body	Date
1	Dr P N Dange	Guest Lecture on Chemical Engineering in FE induction program	FE Engineering, AISSMS COE Pune	03/02/2022

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

Size of photo 5 cm x 7 cm with captions

Award



# **3. ACTIVITIES ORGANIZED**

### 3.1 FDP/STTP ORGANIZED BY THE DEPARTMENT

Term One					
S N	Name of faculty coordinator	Title of the FDP/STTP/WS/Seminar/Symposium	Duration/Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)
1	Dr P N Dange	Orientation Program for Chemical Engg. Students	27/08/2021 to 28/08/2021	64	AISSMS COE Pune

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

### 3.2 SEMINARS/ WORKSHOPS/ WEBINARS ORGANIZED BY THE DEPARTMENT

Term One					
S N	Name of Coordinator/s	Title of the Seminar/Webinar	Duration/Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)
1	Dr M Y Naniwadekar	Chemical Processes	One day 29/11/2021	56	Honorarium paid of Rs. 1500/- AISSMS COE, Pune
2	Mrs H L Kamble	Application of Chemical Engineering for Process Development	16/01/2022	56	---
3	Mr P M Warke	Equipment Layout	One day 02/09/2021	57	Honorarium paid of Rs. 1500/- AISSMS COE, Pune

3	Mr P M Warke	Distillation Column and ASPEN HYSYS	One day 17/09/2021	84	Honorarium paid of Rs. 1500/- AISSMS COE, Pune
4	Mr P M Warke	Plate Heat Exchanger	One day 08/10/2021	140	The Expert requested to donate the Honorarium of Rs. 1500/- for purchase of a Reference book in Chemical Engineering in the Library of AISSMS COE, Pune
6	Dr. S B Ghugare	Organized a National level webinar on “Research, Innovation and IPR in Chemical Engineering” on 12 October 2021 on the occasion of Innovation and Startup week in the college under the IIC cell, AISSMSCOE, Pune	12/10/2021	108	Nil
7	Mr P S Tadkar	Multidisciplinary Career Opportunities for Engineers	10/08/2021	113	Honorarium paid of Rs. 1500/- AISSMS COE, Pune
8	Mr P S Tadkar	Roles of Chemical Engineer in Industry	16/12/2021	59	Honorarium paid of Rs. 1500/- AISSMS COE, Pune

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.)
1.	Dr A S Jadhav	Energy Conservation In Oil and Gas Industries	22/04/2022	100	
2.	Dr M Y Naniwadekar	Role of Economics on Selection of Technology	16/03/2022	40	Honorarium paid of Rs. 1500/- AISSMS COE, Pune

3	H L Kamble	Application of Mass Transfer in Chemical and Allied Industries	16/05/2022	52	---
4	Mr P. M. Warke	International Webinar 'Career Opportunities in Chemical Engineering and Role of Chemical Engineers in Industries'	One day 12/03/2022	53	Honorarium not taken
5	Mr P. M. Warke	Seminar 'Introduction to Chemical Plant Operation'	One day 04/03/2022	84	Honorarium paid of Rs. 1500/- AISSMS COE, Pune
6	Mr P. M. Warke	Seminar 'Corporate Ready'	One day 24/04/2022	114	Honorarium paid of Rs. 1500/- AISSMS COE, Pune
7	Mr P. M. Warke	Seminar on 'Separation Technologies in Water and Wastewater Treatment'	One day 05/04/2022	14	
8	Mr P. M. Warke	Seminar on 'Dress to Success : How to build your desired image and brand'	One day/ 06/04/2022	109	
9	Mr P. M. Warke	Seminar on 'Introduction of BIS and Standards'	One day 19/04/202	92	
10	Mr P. M. Warke	Seminar on 'Manufacturing of Rubber Chemicals and applications'	One day 20/05/2022	09	
11	Mr P S Tadkar	CFD Modelling of Stirred Tank Reactors	One Day 07/05/2022	107	



### 3.3 CONFERENCES/ SYMPOSIUMS ORGANIZED BY THE DEPARTMENT

Term One					
S N	Name of Coordinator/ s	Title of the Conference / Symposium	Duration / Dates	No. of 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 Particip ants	Funding Agency (If any) and Amount (Rs.)
1	Mr P S Tadkar	NCIET Conference	01 Day 20/05/2022		

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

Term One				
S N	Name of Faculty Coordinator	Details of activity conducted	Date	Number of beneficiarie s
1	Dr A S Jadhav	Role of Budding Engineers in Smart, Sustainable and Renewable Technologies under the aegis of AI India Students' Committee in association with Maharashtra State Centre, IEI	02/12/2022	100
2	Dr A S Jadhav	Conducted activity on "Waste to Best from Plastic Material" by SAEINDIA	21/10/2022	100
3	Dr A S Jadhav	Conducted activity ET 2022 at Chemical Engineering Department	29/09/2022 to 01/10/2022	100
4	Dr. S B Ghugare Self for CHEMIXIR, Dept. of Chem. Engg., AISSMSCOE, Pune	Quiz Competition in ET-2021	01/10/2021	18
5	Dr. S B Ghugare Self for Ist Regional Conclave of IE Western Region- 2021-22	Quiz Competition on "Coding on MATLAB"	10/12/2021	95

Term Two				
S N	Name of Faculty Coordinator	Details of activity conducted	Date	Number of beneficiaries
1	Mr K B Gandhi	Guest lecturer organised on subject Process Instrumentation & Control( TE Chemical). Speaker-Mr Sachin Jagtap, Principal process engineer, currently working WORLEY PARSONS INDIA.	29/05/2021	52

### 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
1.	Dr A S Jadhav	TKT Consultant Pune	23/01/2022	-----
2	Mr. P. M. Warke	Appttrain Systems, (Corporate Trainers) Vadodara (Gujarat),	11/05/2022	02 years

Total Functional / Live MoU initiated by Department				
Sr. No.	Faculty Coordinator	Name of Organisation	Date of MoU Signed	Valid upto 00/00/0000
1	Dr A S Jadhav	TKT Consultant Pune	23/01/2022	-----
	Mr. P. M. Warke	Appttrain Systems, (Corporate Trainers) Vadodara (Gujarat),	11/05/2022	02 years

### 3.6 STUDENTS' CHAPTERS/CLUBS

Sr. No	Name of Students' Chapter	Number of Student Members
1	AICHE	70
2	IEI	35
3	IICHE	22

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

Name of Students' Chapter: AICHE"

Faculty Advisor: \_ Dr P N Dange

Term One				
SN	Event name and details of event	Name of chief guest, judges etc.	Duration and Dates	Number of beneficiaries
1	Equipment Layout	Mr Pravin Jedhe Patpert Ltd	One day 02/09/2021	57
2	Distillation Column and ASPEN HYSYS	Mrs Pooja Malpani Consultant	One day 17/09/2021	84
3	Plate Heat Exchanger	Mr Rahul Patil Consultant	One day 08/10/2021	140
4	Organized a National level webinar on "Research, Innovation and IPR in Chemical Engineering" on 12 October 2021 on the occasion of Innovation and Startup week in the college under the IIC cell, AISSMSCOE, Pune	Mr Prashant Gunjal Manager R&D	12/10/2021	108
5	Multidisciplinary Career Opportunities for Engineers	Mr Narendra Gadre Director, Napro Scientific Pune	10/08/2021	113
6	Roles of Chemical Engineer in Industry	Dr Sachin Jadhao Director Chemengg Research Pvt Ltd	16/12/2021	59

<b>Term Two</b>				
<b>SN</b>	<b>Event name and details of event</b>	<b>Name of chief guest, judges etc.</b>	<b>Duration and Dates</b>	<b>Number of beneficiaries</b>
1	International Webinar 'Career Opportunities in Chemical Engineering and Role of Chemical Engineers in Industries'	Mr.Divyesh Desai Designation: General Manager- Process Organisation: :Chemie-Tech Projects Ltd., Ahmedabad	One day 12/03/2022	53
2	Seminar 'Introduction to Chemical Plant Operation'	Mr Sameer Sathe	One day 04/03/2022	84
3	Seminar 'Corporate Ready'	Col. Uday Jagavkar Designation & Organisation: :Senior Consultant, IDC, New Delhi	One day 24/04/2022	114
4	Seminar on 'Separation Technologies in Water and Wastewater Treatment'	Mr. K P Ranjan Designation & Organisation: Co-founder & Director, toyaM Technologies India Pvt. Ltd., Pune	One day 05/04/2022	14
5	Seminar on 'Dress to Success : How to build your desired image and brand'	Name of Expert:Ms. Pallavi Bengeri Designation & Organisation: Image Consultant & Life Coach- Founder of THE NEW YOU, Pune	One day/ 06/04/2022	109
6	Seminar on 'Introduction of BIS and Standards'	Mr. Vishal Tomar Designation & Organisation: Director, Bureau Indian Standards, Pune branch office	One day 19/04/202	92
7	Seminar on 'Manufacturing of Rubber Chemicals and applications'	Mr. Ashwin Bhende Designation & Organisation: VP, NOCIL Ltd., Navi Mumbai	One day 20/05/2022	09

8	CFD Modelling of Stirred Tank Reactors	Mr Kiran Bhor Organisation: Aditya Birla Science and Technology	One Day 07/05/2022	107
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**Name of Students' Chapter: IEI Students Chapter "Chemical Engineering"**

**Faculty Advisor: \_ Dr A S Jadhav**

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
1.	Lecture on "Energy Conservation In Oil and Gas Industries"	Dr. Santosh Madhav Walke (National University of Science and Technology. Muscat, Oman)	22/04/2022	100

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

**Name of Students' Chapter: IICChE**

**Faculty Advisor: Ms K N Bawankar**

Term One				
SN	Event name and details of event	Name of chief guest, judges etc.	Duration and Dates	Number of beneficiaries
1.	"Paper Presentation Competition (CH-1)" under ET-2021 (CHEMIXIR).	Dr Vrashali Kalyani, AISSMSCOE, Pune	09/09/2021	35

Term Two				
SN	Event name and details of event	Name of chief guest, judges etc.	Duration and Dates	Number of beneficiaries
1.	Lecture on “Energy Conservation In Oil and Gas Industries”	Dr. Santosh Madhav Walke (National University of Science and Technology. Muscat, Oman)	22/04/2022	100
1.	Webinar on “Role of Economics in Selection of Technology”.	Mr. Nikunj Tanna, Principal Sales Engineer-Honeywell UOP Sustainable Technology Solutions	16/03/2022	45
2.	Webinar on “Introduction to Energy Integration”.	Dr Parikshit Shahane, Senior Chemical Engineer, Ecolab, Pune	01/05/2022	50

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

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

**3.8 PARENT MEETING**

Faculty Coordinator	Day and Date	Details of Parent meetings organized	Number of Parents attended
Dr M S Deshpande	25/12/2021	<ul style="list-style-type: none"> <li>• Discussion on Vision, Mission and PEOs of the Department was done.</li> <li>• Scope of Chemical Engineering</li> <li>• Higher Study Guidance</li> <li>• Placement</li> <li>• Industrial Training</li> </ul>	90

**3.9 ALUMNI MEET**

Faculty Coordinator	Day and Date	Details of Alumni meetings organized	Number of Alumni attended
Mrs H L Kamble	03/04/2022	<ul style="list-style-type: none"> <li>• Discussion on Vision, Mission and PEOs of the Department was done.</li> <li>• Contribution of various Alumni to the</li> </ul>	15

		<p>Department was highlighted and appreciated.</p> <ul style="list-style-type: none"> <li>• Opportunities for Chemical Engineers to pursue job/higher education in India/Abroad were discussed.</li> <li>• Interaction with current students was done</li> </ul>	
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### 3.10 SUPPORT FROM ALUMNI

Term One					
Sr No	Name of Alumni	Position and Organisation	Batch (e.g. 2014 – 2018)	Details of Support	Date
1	Sumit Dubey	Process Engineer at NNE, Bangalore	2009-2013	Placement	30/12/2021
2	Mr. Pravin Jedhe,	Sr.Engineer-Process, Patpert Teckonw Systems, Pune	2002	Delivered a Webinar to Students	02/09/2021
3	Mr. Pravin Raut	GM, CJEMSPEC Chemicals Ltd., Mumbai	2004	Arranged one month internship for two students of BE Chemical	17/11/2021-16/12/2021.
4	Mr. Vijay Gosavi	Sr. Engineer, NALCO Water, Pune	2010	Helped for placement of (03) two students	24/11/2021

Term Two					
Sr No	Name of Alumni	Position and Organisation	Batch (e.g. 2014 – 2018)	Details of Support	Date
1	Abdul Gafoor	Neologic	2005-2009	Placement	
2	Mr. Altaf Inamdar	Director, Techpert Process	2000	Arranged one month internship for three students of TE Chemical	15/12/2021-14/01/2022



		Industries, Pune			
3	Mr. Ajaysingh Katwate	Ex. Employee, Godrej Chemicals Ltd., Ambernath	2020	Arranged one month internship for one student of TE Chemical	09/03/2022-09/04/2022
4	Mr. Shatanu Patil	GM, UHP Technologies, Bangalore	2010	Arranged campus recruitment drive for BE Chemical and Instrumentation	01/06/2022
5	Ms. Vidya Murkute	Design Engineer, Enversys Greentek Solutions, Chinchwad	2017	Arranged campus recruitment drive for BE Chemical	12/06/2022

### 3.11 INTERACTION WITH ALUMNI

Term One				
S N	Name of Alumni and Activity coordinator	Details of Activity conducted	Date and duration	Total Number of beneficiaries
1	Mr. Vipul Patil	Webinar on "Application of Chemical Engineering for Process Development"	16-01-22 2 hrs	56
2	Mr. Pravin Jedhe & Prof. P M Warke	Conducted a Webinar on 'Equipment Layout' for TE and BE Chemical	02/09/2021, 9.00 AM, 2 hrs.	53
3	Mr. Pravin Raut & Prof. P M Warke	Arranged one month internship for two students of BE Chemical in Privi Specialty Chemicals Ltd., Mahad	17/11/2021-16/12/2021	02
4	Mr. Vijay Gosavi & Prof. P M Warke	Helped for placement of (03) two students in NALCO Water under Ecolab, Pune	24/11/2021	03
3				

Term Two				
S N	Name of Alumni and Activity coordinator	Details of Activity conducted	Date and duration	Total Number of beneficiaries
1	Mr. Rohit Raskar	Webinar on “Application of Mass Transfer in Chemical and Allied Industries”	16/05/2022	52
2	Mr. Altaf Inamdar & Prof. P M Warke	Arranged one month internship for three students of TE Chemical	15/12/2021-14/01/2022	03
3	Mr. Ajaysingh Katwate & Prof. P M Warke	Arranged one month internship for one student of TE Chemical	09/03/2022-09/04/2022	01
4	Mr. Shatanu Patil & Prof. P M Warke	Arranged campus recruitment drive for BE Chemical and Instrumentation	01/06/2022	03
5	Ms. Vidya Murkute & Prof. P M Warke	Arranged campus recruitment drive for BE Chemical	12/06/2022	02

### 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
Mr P S Tadkar	Guidance Given for the Preparation of GATE

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

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MOU

IEI Conclave

	
<p>IEI Guest Lecture</p>	<p>ET 2022</p>
	

# **4.RESEARCH CONTRIBUTION**

#### 4.1 FUNDED RESEARCH PROJECT

Term One				
S N	Principal Investigator	Title of the Project	Amount Received (Rs)	Funding Agency
1				
2				

Term Two				
S N	Principal Investigator	Title of the Project	Amount Received (Rs)	Funding Agency
1	Dr P N Dange (Co-Investigator)	Development of Environment Friendly corrosion- Fouling Inhibitors for marine application	--	University Malaysia Terengganu and AISSMS COE Pune
2				

#### FUNDING RECEIVED FOR ANY OTHER ACTIVITY

Term One				
S N	Faculty Coordinator	Title of the activity	Amount Received (Rs)	Funding Agency
1	Dr M Y Naniwadekar	UG Project- Plant Design and Optimization for the Extraction of Potassium Based Compounds from Bananas.	Rs. 50000/-	Reva Process Technology Pvt. Ltd. Pune
2				

Term Two				
S N	Faculty Coordinator	Title of the activity	Amount Received (Rs)	Funding Agency
1	Dr M Y Naniwadekar	UG Project- Extraction of Lithium Carbonate and Metal Compounds from Spent Lithium ion Mobile Batteries	Rs. 50000/-	Reva Process Technology Pvt. Ltd. Pune
2				

#### 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)
1	Dr. A V Mohod	Continuous swirling flow photocatalytic reactor	202221030397	National
2	Dr. A V Mohod	Ultrasonic photocatalytic oxidation reactor in the form of tray tower	202221030393	National
3	Dr. A V Mohod	Ultrasonic reactor operated in a continuous mode	202221030395	National

		for biodiesel synthesis		
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## PUBLICATIONS

### 4.4 PAPERS PUBLISHED/ PRESENTED IN PROCEEDINGS OF CONFERENCES

Term One						
S. No	Authors	Document Details	Year	Conference Details	ISBN	Organized by

Term Two						
S. No	Authors	Document Details	Year	Conference Details	ISBN	Organized by

### 4.5 PAPERS PUBLISHED IN JOURNALS

Term One						
S. No	Authors	Document Details	Year	Source Details	ISBN/ISSN	Publisher
1.	Pawar M, Dange P N	Effect of Stabilizer Addition on Size and Shape of Silver Nanoparticles	2021-22		ISSN: 2-6211	IJARESM
2	Tajane A, Dange P N	Extraction of Pectin from Orange Peels: Optimization, Characterization and Utilization Studies	2021-22		ISSN: 2-6211	IJARESM
3	M Bagal, B Deb, T Unharia, V Rajan, A V Mohod	Optimization of esterification of Palm fatty acid distillate using conventional approach and its comparison with ultrasonic and microwave irradiation	2021-22	<i>Energy, Ecology and Environment</i> , 6(2021)555–565 (IF 1.75)	2363-76	Elsevier
4	M Bagal, S Patil, K Shinde, S	Influence of reaction parameters on oxalic acid crystallization	2021-22	J of crystal growth	0022-02	Elsevier

	Singh, A V <b>Mohod</b>	using conventional and ultrasonication: Doehlert matrix		(2022)126717 (IF 1.797)		
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Term Two						
S. No	Authors	Document Details	Year	Source Details	ISBN/ISSN	Publisher
1	A K Parate, S B Ghugare	Stability Studies on Breakage and Coalescence of Emulsion Liquid Membrane in Multiphase System, Volume 8, Issue 3, 549-553	2021	International Journal of Research and Analytical Reviews	ISSN: 2349-5138	International Journal of Research and Analytical Reviews
2	<b>A V Mohod</b> , S Bangadkar, A Deshmukh, S Singh, M Bagal, P R Gogate	Improvement in crystallization of copper sulphate using ultrasound and comparison with conventional method	2021-22	Chemical Engg and processing-process intensification, 178 (2022)109028 (IF 4.237)	0255-2701	Elsevier

#### 4.6 BOOK/ ARTICLE PUBLICATIONS

Term One				
Author	Title of the Book	Published by	ISBN	Year

Term Two				
Author	Title of the Book	Published by	ISBN	Year
M V Bagal, <b>A V Mohod</b>	Technological Developments in Energy Generation from Municipal Solid Waste	360 Degree Waste Management	Communicated	2021

#### 4.7 RESEARCH CITATIONS (Source of Data: Google scholar) (As on 30<sup>th</sup>May)



Name of faculty	Citations, h-index, i10 index	Name of faculty	Citations, h-index, i10 index
Dr P N Dange	Citations:81 h-index: 03 i10-index: 03	Dr A V Mohod	Citations:529 h-index: 12 i10-index: 12
Dr M S Deshpande	Citations:02 h-index: 01 i10-index: 00	Mr P S Tadkar	Citations: 05 h-index: 01 i10-index: 00
Dr A S Jadhav	Citations:19 h-index: 03 i10-index: 00	Dr M Baingane	Citations: 19 h-index: 02 i10-index: 01
Dr M Y Naniwadekar	Citations:43 h-index: 03 i10-index: 02	Dr K A Datir	Citations: 40 h-index: 04 i10-index: 02
Dr. S B Ghugare	Citations: 152 h-index: 04 i10 index: 03		

**Total Citations of Department: 881**

#### 4.8 ME AWARDED

Sr No	Name of Supervisor	Title of Thesis	Name of Candidate
1.	Dr P N Dange	Extraction of Pectin from Orange Peels: Optimization, Characterization and Utilization Studies	Ms Anjali Tajane
2.	Dr P N Dange	Synthesis, characterization and optimization of silver Nanoparticles	Ms Mayuri Pawar

#### 4.9 PhD GUIDE DETAILS

Name of Faculty who are PhD Supervisor	Number of Scholars Registered

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

Sr No	Name of Supervisor	Title of Thesis	Name of Candidate
1	Dr G T Mohanraj Dr S Mayadevi Dr A N Gokarn	Activated carbon from biomass and its utilization in polymer composites and adsorption applications	Dr A S Jadhav


Few good photographs related to different activities organized under research, innovation	
Size of photo 5 cm x 7 cm with captions	
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# **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 P S Tadkar	BE Chemical 57	Online Industrial Visit Ethanol Plant	01/12/20 21

Term Two				
Sr. No.	Faculty Coordinator	Class and Number of students attended	Industry Name and Address	Date of visit
1	Dr P N Dange	SE Chemical 52 students	ETP Plant, Nigadi Pune	17/05/2022
2	Dr A S Jadhav	SE Chemical	Katraj Dairy Pune	18/04/2022
3	Mr. P. M. Warke	TE & BE Chemical 07 Students	Pilot Plant of SimTech Separation Technologies in MIDC Talwade	04/04/2022
4	Mr. P. M. Warke	TE Mechanical, Chemical & BE Mechanical 27 Students	Vanaz Engineers Ltd., Paud Rd., Kothrud, Pune	13/04/2022
5	Mr. P. M. Warke	TE Chemical 38 Students	Clean Science and Technology Ltd., MIDC, Kurkumbh, Tal. Daund, Dist. Pune	20/4/2022
6	Mr. P. M. Warke	BE Chemical 32 Students	Darshan Chemicals, Additional MIDC area, Ambernath, Dist. Thane	09/05/2022
7	Mr. P. M. Warke	BE Chemical 35 Students	Mojj Engineering Systems Ltd., Bhosari MIDC	18/05/2022
8	Mr. P. M. Warke	SE/ TE/ BE Chemical (90) - Online	Everest Pipes Pvt. Ltd., MIDC Jalgaon	11/03/2022
9	Mr. P. M. Warke	SE/ TE/ BE Chemical (227) - Online	Maharani Innovative Paints Pvt. Ltd., under the Group of C. Dass Chemicals Pvt. Ltd., Faridabad	25/04/2022

10	Mr P S Tadkar	SE and BE Chemical 96-Students	Mapro Foods Pvt Ltd Shendurjane	
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## 5.2 EXPERT LECTURES / WEBINARS DELIVERED BY INDUSTRY EXPERTS

Term One					
Sr. No.	Faculty Coordinator	Class (Number of students attended)	Name, Industry, designation and contact details of Expert	Topic	Date
1	Mr. P. M. Warke	TE & BE Chemical (57)	Mr. Pravin Jedhe, Sr. Engineer- Process	Equipment Layout	02/09/2022
2	Mr. P. M. Warke	TE & BE Chemical (84)	Mrs. Pooja Malpani, Lead Process Engineer, Reliance Industries Ltd., Mumbai - & Mr. Sivaji Thota, CEO, Aaharya Technologies, Pune	Distillation Column and ASPEN-HYSYS	17/09/2022
3	Mr. P. M. Warke	TE & BE Chemical (140)	Mr. Rahul Patil, Regional Sales Manager – Middle East & Africa region (MENA) at Tranter International, Dubai	Plate Heat Exchanger	08/10/2022
4	Mr. K. B. Gandhi	SE CHEMICAL (49)	Expert lecture of Mr Sachin Jagtap. Principal process engineer, WORLEY PARSONS INDIA	ENGINEERING MATERIALS	03/11/2020
5	Dr. S B Ghugare	B.E. Chemical (49)	Mr. Vinod Kenekar, Executive-Process & Product Development, ACG Pharma Technologies Pvt. Ltd., Pune	Process Development & Control Systems in Pharmaceutical Industry	27/11/2021
6	Dr. S B Ghugare	S.E., T.E., B.E. Chemical (108)	Dr. Prashant Gunjal, General Manager, Research and Development Group, Reliance Industries Ltd., Mumbai	Research, Innovation and IPR in Chemical Engineering	12/10/2021
7	Ms H L Kamble	56	NCL, Pune	Application of Chemical Engineering	16/01/2022

				in Process Development	
8	Mr P S Tadkar	59	Chem. Engg. Research Pvt Ltd.Pune	Roles of Chemical Engineer in Industry	16/12/2021
9	Dr M S Deshpande	73	H. B. Fuller India Adhesives, Pvt .Ltd.	Six Sigma	08/12/2021
10	Dr M Y Naniwadekar	56	Reva Process Technologies, Pune	Chemical Processes	29/11/2021
11	Mr K B Gandhi	32	Sunpharma Ltd., Ahmednagar	Environmental Sustainability	26/11/2021
12	Dr S B Ghugare	49	ACG Pharma Technologies Pvt. Ltd. Shirwal	Process Development & Control Systems in Pharmaceutical Industry	27/11/2021
13	Dr M S Deshpande	40	Thermax Ltd. Pune	Gas Chromatography	23/10/2021
14	Dr S B Ghugare	108	Reliance Industries Ltd. Mumbai	Research, Innovation and IPR in Chemical Engineering	12/10/2021
15	Mr P M Warke		Dubai based Chemical Industry	Plate Heat Exchanger	08/10/2021

16	Mr P M Warke		Aaharya Technologies, Pune	Design of Distillation Column and Introduction of ASPEN Software	17/09/2021
17	Mr P M Warke		Patpert Tecknow Systems Pvt. Ltd., Pune	Equipment Layout	02/09/2021
18	Mr P S Tadkar		Napro Scientific, Pune	Multidisciplinary Career Opportunities For Engineers	1/008/2021

Term Two					
Sr. No.	Faculty Coordinator	Class (Number of students attended)	Name, Industry, designation and contact details of Expert	Topic	Date
1	Dr M Y Naniwadekar	BE Chemical 40	Speaker- Mr Nikunj Tanna Principal Sales Engineer Honeywell UOP Sustainable Technology Soslutions	Role of Economics on Selection of Technology	16/03/2022
2	Mr K B Gandhi	TE Chemical 52	Speaker-Mr Sachin Jagtap, Principal process engineer, currently working WORLE PARSONS INDIA	Process Instrumentation & Control	29/05/2021
3	Dr. S B Ghugare	S.E. Chemical 44	Mr. Piyush Kshirsagar, Manager-Projects, Chemengers Pharma Engineering Consultants Pvt. Ltd., 1811, Solus, Hiranandani Estate, Thane(W), Thane, Mumbai- 400607	“Design Aspects in Pharmaceutical Industries”	10/05/2022

4	Mr P S Tadkar	SE Chemical (109)	Kiran Bhor Aditya Birla Science and Technology	CFD Modelling of Stirred Tank Reactors	07/05/2 022
5	Dr K A Datir	40	Dr Parikshit Shahane, Senior Chemical Engineer, Ecolab, Pune.	Introduction to Energy Integration	01/05/2 022

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

Sr. No.	Name of Project guide	Title of Industry Sponsored Project	Name of Sponsoring Industry
1	Dr M Y Naniwadekar	UG Project- Plant Design and Optimization for the Extraction of Potassium Based Compounds from Bananas. Rs. 50000/-	Reva Process Technology Pvt. Ltd. Pune
2	Dr M Y Naniwadekar	UG Project- Extraction of Lithium Carbonate and Metal Compounds from Spent Lithium ion Mobile Batteries Rs. 50000/-	Reva Process Technology Pvt. Ltd. Pune
3	Mr. P. M. Warke	COD Analysis and reduction of COD	Azeocryst Organics Pvt. Ltd., Taloja

### 5.4 MOU SIGNED WITH INDUSTRY

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



<b>Term Two</b>				
<b>Sr. No.</b>	<b>Faculty Coordinator</b>	<b>Name of Industry</b>	<b>Date of MoU Signed</b>	<b>Valid upto (00/00/0000)</b>
1	Dr K A Datir	SARBI Petroleum and Chemicals Pvt Ltd.	23/03/2022	23/03/2024
2	Mr. P. M. Warke	Bureau of Indian Standards, Pune branch Office	04/05/2022	03/04/2024 (2 years)
3	Mr. P. M. Warke	App Train Systems, Vadodara	11/05/2022	11/04/2024 (02 years)
4	Mr. P. M. Warke	Chemtrol Industries, Pune	11/05/2022	11/04/2023 (01 year)

<b>TOTAL FUNCTIONAL / LIVE MOU INITIATED BY THE DEPARTMENT</b>				
<b>Sr. No.</b>	<b>Faculty Coordinator</b>	<b>Name of Industry</b>	<b>Date of MoU Signed</b>	<b>Valid upto (00/00/0000)</b>
1.	Dr. M. Y. Naniwadekar	Reva Process Technologies, Pune	19/01/2021	19/12/2030 (10 years)
2.	Mr. P. M. Warke	Bureau of Indian Standards, Pune branch Office	04/05/2022	03/04/2024 (2 years)
3.	Mr. P. M. Warke	App Train Systems, Vadodara	11/05/2022	11/04/2024 (02 years)
4.	Mr. P. M. Warke	Chemtrol Industries, Pune	11/05/2022	11/04/2023 (01 year)
5.	Dr. A. S. Jadhav	TKT Engineering Consultants, Pune	23/12/2021	23/11/2022 (01 year)
6.	Dr. Kirti Datir	Sarbi Petroleum and Chemicals Pvt. Ltd., Navi Mumbai	23/03/2022	23/02/2024 (02 years)

### 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
1	Dr P N Dange	PMS Training at <b>SimTech. Separation Technologies, Pune</b>	½ day on March 04/2022
2	Dr P N Dange	Mapro Foods Pvt. Ltd. Wai, Dist. Satara on Food Technology	17/03/2022 (One Day)
3	Mr. P. M. Warke	Mapro Foods Pvt. Ltd. Wai, Dist. Satara on Food Technology	17/03/2022 (One Day)
4	Mr P S Tadkar	Mapro Foods Pvt. Ltd. Wai, Dist. Satara on Food Technology	17/03/2022 (One Day)
5	Dr M Baingne	Mapro Foods Pvt. Ltd. Wai, Dist. Satara on Food Technology	17/03/2022 (One Day)

### 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	KARISHMA KUWAR	TERRA GREEN TECHNOLOGIES PVT. LTD.	BE	15/09/2021	30/10/2021	40
2	KAMLESH RAMESH LAKADE	GOVIND MILK AND MILK	BE	22/10/2021	22/11/2021	31

		PRODUCTS PVT.LTD.				
3	PRAVIN SATHE	UDEM- ASPEN PLUS V11	BE	16/11/202 1	30/11/20 21	14
4	SUMIT SHUKADEVE	JAI BIOTECH INDUSTRIES	BE	01/01/202 1	31/01/20 21	31
5	ASHWINI ANIL POTE	IICHE ONLINE INTERNSHIP PROGRAM-2021	BE	15/07/202 1	30/08/20 21	14
6	DHAS SHUBHAM SADANAND	VAIDYANATH SAHAKARI SAKHAR KARKHANA LTD	BE	09/08/202 1	09/09/20 21	30
7	KAUSHAL KUMAR GULATI	SUNREEJA OIL AND GAS PVT. LTD.	BE	18/06/202 1	17/07/20 21	30
8	GAURI PATOLE	IICHE ONLINE INTERNSHIP PROGRAM-2021	BE	15/07/202 1	30/08/20 21	45
9	MRUDULA JADHAV	IICHE ONLINE INTERNSHIP PROGRAM-2021	BE	15/07/202 1	30/08/20 21	45
10	SHARAYU SEVKRAM BADHE	“STEEL AUTHORITY OF INDIA LTD” CHANDRAPUR FERRO ALLOY PLANT CHANDRAPUR (MS)	BE	17/12/202 0	16/01/20 21	30
11	SURAJ RAOSAHEB BANDAL	TROPFRUIT PRODUCTS PRIVATE LIMITED	BE	01/02/202 1	28/02/20 21	28
12	UMESH PURUSHOTTAM BELDAR	PETROLEUM ENGINEERS ASSOCIATION	BE	24/06/202 1	15/08/20 21	52
13	HRUTUJA NIVRUTTI BORHADE	PETROLEUM ENGINEERS ASSOCIATION	BE	24/06/202 1	15/08/20 21	52

14	MURTUZA CHARBIWALA	TERRA GREEN TECHNOLOGIES PVT. LTD.	BE	20/09/2021	08/11/2021	50
15	DIGVIJAYSINHA GOVARDHAN CHAVAN	TROPFRUIT PRODUCTS PRIVATE LIMITED	BE	01/02/2021	28/02/2021	28
16	MAHESH CHAVAN	TERRA-GREEN TECHNOLOGY PVT. LTD.	BE	20/09/2021	8/11/2021	45
17	MADHAV DANDEKAR	SUDARSHAN CHEMICAL INDUSTRIES LTD.	BE	16/08/2021	16/09/2021	30
18	SHRADDHA PANDURANG DARSHALE	IICHE ONLINE INTERNSHIP PROGRAM-2021	BE	10/06/2021	20/07/2021	40
19	NIRANJAN DEOCHAKE	IICHE ONLINE INTERNSHIP PROGRAM-2021	BE	15/07/2021	23/08/2021	48
20	SAKSHI DESHMANE	TERRA GREEN TECHNOLOGIES PVT.LTD	BE	20/09/2021	09/11/2021	49
21	DHANANJAY KUMAR SINGH	IICHE ONLINE INTERNSHIP PROGRAM-2021	BE	15/07/2021	30/08/2021	45
22	NITIN DHARDUBEY	KISAN VEER SATARA SAHKARI SAKHAR KARKANA LTD	BE	22/12/2020	07/01/2021	17
23	BHUSHAN DOLAS	TROPFRUIT PRODUCTS PVT. LTD.	BE	01/02/2021	28/02/2021	28
24	PRATIKSHA PRAVIN GHADLE	PETROLEUM ENGINEERS ASSOCIATION	BE	24/06/2021	15/08/2021	45
25	VIRAJ GANDHI	ATTAQUANT ENTERPRISES PVT. LTD.	BE	14/06/2021	13/12/2021	180

26	PRIYANKA SAMIR GARADE	EMCURE PHARMACEUTIC AL LTD	BE	27/09/202 1	13/10/20 21	16
27	SAIF HANNURE	SHRI BHAWANIMATA POLYMERS	BE	30/09/202 1	15/10/20 21	15
28	ABHISHEK VIJAY INGALE	TERRA GREEN TECHNOLOGIES PVT. LTD	BE	20/09/202 1	08/11/20 21	50
29	VRUKODAR SUNIL JADHAV	TERRA GREEN TECHNOLOGIES PVT. LTD	BE	24/07/202 1	10/09/20 21	49
30	ASHISH ALANKAR KAKADE	SUDARSHAN CHEMICAL INDUSTRIES LTD.	BE	16/08/202 1	16/09/20 21	30
31	BHUMIKA SAGAR KAKADE	IICHE ONLINE INTERNSHIP PROGRAM-2021	BE	10/06/202 1	20/07/20 21	40
32	TEJAS KANADE	IICHE ONLINE INTERNSHIP PROGRAM-2021	BE	08/05/202 1	15/06/20 21	40
33	RITESHKUMAR RAJENDRA KOLHAPURE	IICHE ONLINE INTERNSHIP PROGRAM-2021	BE	08/05/202 1	16/06/20 21	38
34	ABHISHEK KUMBHARDE	ZYDUS CADILA LTD.	BE	01/07/202 1	01/08/20 21	30
35	DIKSHITA KAMLESH MEHTA	PRIVI SPECIALTY CHEMICALS LTD.	BE	17/11/202 1	16/12/20 21	30
36	DEVENDRA AMAR MORE	IICHE ONLINE INTERNSHIP PROGRAM-2021	BE	12/05/202 1	15/07/20 21	34
37	SHIVANI RAJENDRA NINAL	IICHE ONLINE INTERNSHIP PROGRAM-2021	BE	10/06/202 1	20/07/20 21	40
38	DHAIRYA PATEL	JAI BHAVANI NITRATES	BE	01/09/202 1	01/10/20 21	31
39	ABHIJEET MARUTI PATIL	PETROLEUM ENGINEERS ASSOCIATION	BE	24/06/202 1	15/08/20 21	45

40	PATIL GAURAV KISHOR	RK INDUSTRY	BE	03/12/202 1	04/01/20 22	31
41	KETAN SURESH PATIL	WOCKHARDT PHARMACEUTIC AL LTD	BE	15/07/202 1	04/08/20 21	20
42	RUSHIKESH PATIL	SHREE SATPUDA TAPI PARISAR SAHAKARI SAKAR KARKHANA	BE	01/12/202 1	20/12/20 21	20
43	SARTHAK PATIL	TROPFRUIT PRODUCTS PVT.LTD.	BE	01/02/202 1	28/02/20 21	28
44	PRANAV RUPCHAND PAWAR	IICHE ONLINE INTERNSHIP PROGRAM-2021	BE	12/05/202 1	15/07/20 21	64
45	SIDDHI VIKAS PEDAMKAR	PRIVI SPECIALITY CHEMICALS LIMITED	BE	17/11/202 1	16/12/20 21	30
46	KRUNAL RAUT	TERRA GREEN TECHNOLOGIES PVT.LTD	BE	20/09/202 1	08/11/20 21	49
47	MOHASIN RAJMOHAMAD SHAIKH	ATTAQUANT PVT LTD	BE	16/08/202 1	16/11/20 21	90
48	VAIBHAV SANJAY SHIRSATH	IICHE ONLINE INTERNSHIP PROGRAM-2021	BE	15/05/202 1	26/06/20 21	42
49	SHLOK PHULKAR	AKSH MANUFACTURER S	BE	01/09/202 1	30/09/20 21	30
50	NUPOOR UPADHYE	INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE	BE	01/06/202 1	31/07/20 21	61
51	VISHAL RAOSAHEB WALUNJ	TROPFRUIT PRODUCTS PVT.LTD	BE	01/02/202 1	28/02/20 21	28

52	RUSHIKESH WANKHEDE	PETROLEUM ENGINEERS ASSOCIATION	BE	24/06/202 1	15/08/20 21	45
53	KAUSHAL	LUCENT POLYSYSTEMS PVT LTD	BE	01/08/202 1	30/08/20 21	30
54	MOHAMED FAIZ RIYAZ MOMIN	TERRA GREEN TECHNOLOGIES PVT.LTD	BE	15/09/202 1	30/10/20 21	45
55	PATEL DEEP BHARATBHAI	UDEMY-GAS ABSORPTION AND STRIPPING IN CHEMICAL ENGINEERING	BE	21/11/202 1	05/12/20 21	15
56	PARESH RAJENDRA CHAUDHARI	RUDRA AQUACHILLED	BE	1/10/2021	30/10/20 21	30
57	KHUSHI RAMESH DODE	KRANTI PAINTS	BE	13/08/202 1	28/08/20 21	15
58	KUNAL DEEPAK FARATE	ALKYL AMINES CHEMICALS LTD	BE	09/08/202 1	08/09/20 21	31
59	PRATIKSHA MORE	SERUM INSTITUTE OF INDIA	BE	16/08/202 1	30/8/202 1	15
60	UJVALA SATISH PARDESHI	KRANTI PAINTS	BE	13/08/202 1	28/08/20 21	15
61	PRATIK BHASKAR CHAVAN	PETROLEUM ENGINEERS ASSOCIATION	BE	24/06/202 1	15/08/20 21	45
62	SAYYAD SALMAN SAYYADJILANI	SHREE SAMARTH OIL REFINERY GHATSAWALI BEED	BE	08/09/202 1	07/10/20 21	30
63	CHAITANYA SHELAR	GLOBE CONSTRUCTION CHEMICALS PVT.LTD.	BE	15/08/202 1	30/08/20 21	15
64	SHIVRAJ TAUR	AARAMBH PAINTS	BE	15/07/202 1	15/08/20 21	30

65	AKASH YUVRAJ TELE	PETROLEUM ENGINEERS ASSOCIATION	BE	21/06/202 1	15/08/20 21	45
66	WAGHMARE AKASH SHIVAJI	PETROLEUM ENGINEERS ASSOCIATION	BE	24/06/202 1	15/08/20 21	45
67	VISHWAJEET BHARAT YADAV	IICHE ONLINE INTERNSHIP PROGRAM-2021	BE	13/06/202 1	12/07/20 21	30

Term Two						
Sr. No.	Name of the Student	Name of the Industry	Class	Training duration		
				Start date	Last date	Duration (days)
1	BHONGARE PAYAL SANJAY	DEEA PHARMACEUTICALS PVT. LTD	TE	4/1/2022	3/2/2022	30
2	ASHTIKAR MRUNMAYEE MOHAN	ANACON LABORATORIES PVT LTD	TE	10/1/2022	10/2/2022	30
3	BARBADE VAIBHAV SUNIL	MAKSPEED TECHNOLOGY	TE	5/1/2022	5/2/2022	30
4	BHIVARKAR VIJAY ZUMBAR	INDIA INSTITUTE CHEMICAL ENGINEER, ONLINE INTERNSHIP	TE	27/2/2022	28/3/2022	30
5	CHOUDHARI SUYOG DINESH	PHAEX POLYMERS PVT LTD SYNONYMS FOR QUALITY,PLOT NO. F-10 , M.I.D.C , SHIRGAON BADLAPUR (E) - 421503 DIST.THANE, MAHARASHTRA.	TE	15/12/2021	25/1/2022	40
6	DEOKAR SHUBHAM SUBHASH	TKT ENGINEERING CONSULTANT	TE	1/12/2021	15/2/2022	75
7	DESADLA DARSHAN RAJESH	MARCURAS WATER TREATMENT PVT. LTD.	TE	11/1/2022	10/2/2022	30
8	DESHMUKH FARDIN MUKTAR	NATURE DELIGHT DAIRY	TE	20/12/2021	20/1/2022	30



9	DESHMUKH ISHA SUNIL	JUBILANT INGREVIA	TE	1/1/2022	31/1/2022	31
10	DIVATE AARTI SOMNATH	HINDUSTAN MIND AND AGRO PVT LTD.(HMAPPL)	TE	14/1/2022	14/2/2022	31
11	DONDE MAHESH KERUDAS	HINDUSTAN MINT & AGRO LTD	TE	14/1/2022	14/2/2022	31
12	GAIKWAD AKANKSHA ASHOK	SHRI WAGHESHWAR DAIRY FOODS & AGRO PRODUCTS PVT. LTD. MANDAVGAN PHARATA, TAL- SHIRUR DIST-PUNE- 412211 (□□□□□ DAIRY)	TE	12/12/2021	15/1/2022	34
13	GAIKWAD ASHITOSH VISHWAS	HINDUSTAN MINT AND AGRO PVT. LTD.	TE	14/1/2022	13/2/2022	33
14	GANDHILE NIKHIL SUKHDEV	HINDUSTAN MINT AND AGRO PRODUCTS PVT. LTD	TE	14/1/2022	14/2/2022	31
15	BAGAWADE SHUBHAM PRADIP	LAMBROS GLOBAL, AUNDH	TE	4/2/2022	4/3/2022	28
16	HULAWALE RUSHIKESH SAKHARAM	HINDUSTAN MINT AND AGRO LTD.	TE	14/1/2022	14/2/2022	31
17	INGVALE RAVIRAJ VILAS	LAVENDER LABORATORIES PVT LTD	TE	1/1/2022	10/3/2022	68
18	BHOSALE DHANSHREE BHARAT	HINDUSTAN MINT & AGRO PVT LTD	TE	14/1/2022	13/2/2022	33
19	CHOUGULE SHREYASH UMESH	TECHPERT PROCESS INDUSTRIES	TE	15/1/2022	15/2/2022	31
20	PAWAR PRADEEP RATAN	ELECTRO MACH COMPOSITE	TE	10/1/2022	10/2/2022	30
21	AHIRRAO SAKSHI SANJAY	DWARKADHISH SAKHAR KARKHANA LTD SHEWARE .	TE	5/1/2022	5/2/2022	30
22	BARKADE UTKARSH RAVINDRA	ELECTRO MACH COMPOSITES	TE	10/1/2022	10/2/2022	30
23	BHANDARI YOGITA RAMDAS	PLASMA PAINTS VITHHALNAGAR	TE	1/1/2022	1/2/2022	30

		DEHU ALANDI ROAD PUNE				
24	CHAFEKAR ONKAR SHRIPAD (EWS)	SHREE BALAJI AGRO FOODS PVT LTD YEWAT DAUND PUNE	TE	28/12/2021	15/02/2022	48
25	DHAMDHARE SUDEEP RAJENDRA	SHREE BALAJI AGRO FOODS PVT LTD YEWAT DAUND PUNE	TE	28/12/2021	15/02/2022	48
26	GADEKAR AKSHAY JALINDAR	INDIAN INSTITUTE OF CHEMICAL ENGINEERS	TE	25/02/2022	30/04/2022	63
27	GUPTA SHIVANI ANILKUMAR	PLASMA PAINT FACTORY	TE	1/1/2022	1/2/2022	30
28	JOSHI UTKARSHA GOVIND	JAI AMBAY FERTILISERS PVT. LTD.JALNA	TE	5/1/2022	5/2/2022	30
29	KHAIRNAR HARSHAL SANTOSH	POORVA CHEMTECH PVT. LTD.	TE	7/1/2022	6/2/2022	30
30	KUWAR KAUSTUBH BALASAHEB	RALLIS INDIA LTD	TE	1/1/2022	31/1/2022	31
31	NAINWAD SHWETA NANDKISHOR	JAIBIOTECH INDUSTRY	TE	5/1/2022	5/2/2022	30
32	PATIL SUMEET PRITHVIRAJ	HIKAL	TE	1/1/2022	31/1/2022	31
33	REDE NEERAJ BAPUSO	SHREE BALAJI AGRO FOODS PVT . LTD	TE	28/12/2021	15/02/2022	48
34	SALUNKE SATISH KESHVRAV	TULJABHAWANI AGROTECH PVT LTD	TE	15/1/2022	14/2/2022	30
35	SALUNKHE RUTIK RAVINDRA	HARMONY ORGANICS PRIVATE LIMITED	TE	15/1/2022	15/2/2022	31
36	SHAHANE DHANANJAY BAPU	HARMONY ORGANICS PRIVATE LIMITED	TE	15/1/2022	15/2/2022	31
37	SHINDE ONKAR SANTOSH	SHREE BALAJI AGRO FOODS PRIVATE LIMITED YEWAT	TE	28/12/2021	15/02/2022	48
38	SONAWANE VIPUL RAMESHWAR	POORVA CHEMTECH PVT.LTD	TE	7/1/2022	6/2/2022	30

39	YADAV CHANDAN DINANATH	OMEGA PROCESS ENGINEERS	TE	14/1/2022	14/2/2022	30
40	KAMBLE SURAJ GURUNATH	SHRI SANT TUKARAM SUGAR FACTORY, KASARSAI RD, DARUMBRE, PUNE,MAHARASHT RA,410506	TE	1/1/2022	31/1/2022	31
41	KANCHAN ISHANT VILAS	SANTA TUKARAM SAHKARI SAKHAR KARKHANA	TE	3/1/2022	3/2/2022	31
42	MARALE UTKARSHA KIRAN	DEEA PHARMACEUTICALS	TE	4/1/2022	2/2/2022	30
43	JAGDHANE PRATIK BABASAHEB	KUNJIR BIO ENERGY INDIA LLP	TE	5/1/2022	4/2/2022	31
44	JAIN SAHIL LALIT	MARCURAS WATER TREATMENT INDIA PVT.LTD	TE	11/1/2022	10/2/2022	31
45	JARHAD ADITYA BABAN	CHEMPHARMA INTERMEDIATE	TE	15/12/2021	15/1/2022	31
46	JULME PRACHI SANGHPAL	DENEE CHEMICALS PVT. LTD., PADOLI, CHANDRAPUR	TE	5/1/2022	5/2/2022	31
47	KATE NILESH ASHOK	SHRI SANT TUKARAM SAHKARI SAKHAR KARKHANA LTD.	TE	2/1/2022	2/2/2022	31
48	KATIYAR AKSHAT BIMAL	RAYMOND LIMITED	TE	13/1/2022	12/2/2022	31
49	MARKAD SHIVAM BABASAHEB	SHRI VRIDHESHWAR SAHAKARI SAKHAR KARKHANA LTD. ADINATHNAGAR TAL.PATHARDI DIST.AHMEDNAGAR	TE	1/2/2022	1/3/2022	31
50	PARAB MIHIR GIRISH	MAKSPEED TECHNOLOGIES PVT . LTD	TE	10/1/2022	10/2/2022	31
51	PARDESHI SUMER RAJESH	CUBANE SPECIALITY CHEMICAL PVT LTD.	TE	1/2/2022	1/3/2022	31
52	PATIL BHAVESH VISHAL	SAHYADRI SEED AND FERTILISER PVT LTD	TE	21/12/2021	21/1/2022	31

53	PATIL RAVIRAJ KAILAS	SHREE SATPUDA TAPI PARISAR SAHAKARI SAKHAR KARKHANA LTD. PURUSHOTTAMNAG AR, TAL SHAHADA, DIST NANDURBAR	TE	30/12/2021	30/1/2022	30
54	KEWAT AKASH RAMKRUSHNA	GHRUSHNESHWAR SUGARS PVT LTD	TE	10/1/2022	10/2/2022	31
55	KUMBHAR SOHAM SHIVAJI (TFWS)	SAHYADRI SEED SCIENCE LLP	TE	22/12/2021	21/1/2022	31
56	JOSHI KARTIK GHANSHYAM	ROSS BOILERS	TE	16/12/2021	16/1/2022	31
57	KHATAL MAHESH SAMPAT	SHRINATH MHASKOBA SAKHAR KARKHANA.PTD	TE	21/1/2022	21/2/2022	31
58	LOKHANDE SHIRISH SHEKHAR	SHRI SOMESHWAR SAHAKARI SAKHAR KARKHANA	TE	10/1/2022	10/2/2022	31
59	POHARE NIKHIL DEEPAK	SHREE KRANTI SUGAR AND PVT LIMITED	TE	8/1/2022	14/2/2022	38
60	SAPATE BHAVANA SUDHAKAR	GODREJ INDUSTRIES LTD AMBERNATH	TE	9/3/2022	16/4/2022	39
61	SHINDE SHUBHAM KISHOR	ROSS BOILER PVT LTD KONDHWA	TE	16/12/2021	16/1/2022	31
62	WALUNJ SANKET BHAUSAHEB	SHREE KRANTI SUGAR & POWER LTD ,PARNER DIST- AHMEDNAGAR	TE	8/1/2022	28/1/2022	20
63	PHARATE PRAJKTA SANJAY	SHREE WAGHESHWAR DAIRY FOODS & AGRO PRODUCT PVT.LTD	TE	2/12/2021	2/1/2022	31
64	RAJURKAR AAMOD SHASHIKANT	SYNERGY PROCESS SYSTEMS, PUNE	TE	3/1/2022	31/1/2022	28
65	RATHOD SHIVAM AJAY	NATURAL SUGAR AND ALLIED INDUSTRIES LTD	TE	15/11/2021	15/12/2021	31
66	SANJAY KUMAR MOHAKUD	ONCECARE PHARMACEUTICAL PVT LTD	TE	14/1/2022	13/2/2022	31

67	SAYED MOHAMMAD ALI TARIQUE	SYNERGY PROCESS SYSTEMS	TE	3/1/2022	31/1/2022	28
68	SAYYAD AMAN GULAB	VITTHAL REFINED SUGARS	TE	15/1/2022	14/2/2022	30
69	SHAIKH FIZA ASHPAK	MPOWER ENERGY COMPANY PVT LTD	TE	3/11/2021	4/3/2022	120
70	SHAIKH RAFIK HASAN (TFWS)	KRUSHIRAJ SUGAR FACTORY LTD.	TE	12/1/2022	14/2/2022	31
71	SHRIRAO SHRADDHA ANIL	TECHPERT PROCESS INDUSTRIES	TE	10/1/2022	10/2/2022	31
72	WAGHMODE RUTIK BALU	TKT ENGINEERING CONSULTANT PVT LTD.	TE	1/12/2021	15/2/2022	75
73	YADAV SANSKAR DHARMENDRA	INDORE SAHAKARI DUGHD SANG (SANCHI) , SENDHWA , M.P.	TE	17/1/2022	15/2/2022	30
74	YADAV SWAPNIL SUNIL	TKT ENGINEERING CONSULTANT PVT. LTD.	TE	1/12/2021	15/2/2022	75
75	ZAGADE SANDESH NANASO	SOHAN HEALTHCARE	TE	8/1/2022	25/2/2022	33
76	RAUT SAGAR JITENDRA	VISION PRODUCT PVT. LTD.	TE	9/1/2022	10/5/2022	120
77	SOURABH YADAV	SERUM INSTITUTE PVT. LTD	TE	19/1/2022	18/3/2022	60
78	RODE MOHIT SUNIL	SHRI LAXMI NARSIHMA SUGARS LLP	TE	1/12/2021	31/12/2021	31

**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

1	Mr. P M Warke	Mr. Pravin Jedhe, Sr. Engineer-Process, Patpert Teckonw Systems, Pune	Delivered a Webinar to Students on 02/09/2021.
2	Mr. P M Warke	Mrs. Pooja Malpani and Mr. Sivaji Thota, Reliance Industries and Aaharya Tech., Mumbai & Pune	Delivered a Webinar to Students on 17/09/2021.
3	Mr. P M Warke	Mr. Rahul Patil, Regional Sales Manager – Middle East & Africa region (MENA) at Tranter International, Dubai	Delivered a Webinar to Students on 08/10/2021.
4	Mr. P M Warke	Mr. Ravi Varma, Director, Hypro Engineers, Pune	Campus recruitment. (01) student joined.
5	Mr. P M Warke	Mr. Vijay Gosavi and Ms. Amrapali Kamble, Employee of NALCO Water under Ecolab, Pune	Campus recruitment. (03) students joined.
6	Mr. P M Warke	Mr. Sanjay Abhang, Plant Managaer, Polychem, Pirangut, Pune	Campus recruitment. (01) student joined
7	Mr. P M Warke	Dr. Kharul, Director, Genrich Membranes Pvt. Ltd., Chinchwad	Campus recruitment. (02) students joined
8	Mr. P M Warke	Mr. Bharadwaj, Reliance Industries Ltd., Mumbai	Campus recruitment. (10) Students selected.
9	Mr. P M Warke	Mr. Mohit Phalak, GM, Azeocryst Organics Pvt. Ltd., Taloja	Sponsored BE project work for one group by providing an effluent for the treatment.
10	Mr. P M Warke	Mr. Amit Sahastrabuddhe, Director, Marcuras Water Treatment (I) Pvt. Ltd., Bhosari	Campus recruitment. (02) students joined
11	Mr. P M Warke	Mr. Jayant Marathe, VP, Privi Organics Ltd., Mahad	Due to the permission granted, two students of BE Chemical completed one month industrial training.
12	Mr. P M Warke	Mr. Sameer Sathe, Director, Apptrain Systems, Vadodara	Judge for poster competition of CHEMIXIR in AISSMS Engineering Today- 2021.
13	Mr P S Tadkar	Mr Vivek N Gadre Partner Napro Scientific, Pune	Provided a Biodiesel set up as a gift
14	Mr P S Tadkar	Mr Shreyas Kulkarni Granules India Pvt Ltd	Campus Recruitment

15	Mr P S Tadkar	Dr Sachin Jadhoo Director ChemEngg Research Pvt Ltd	Industrial Training
16	Mr P S Tadkar	Mr D M Ramteke RCF Thal	Industrial Training
17	Mr P S Tadkar	Mr Narendra Gadre Director Napros Scientific, Pune	Webinar
18	Mr P S Tadkar	Dr Sachin Jadhoo Director ChemEngg Research Pvt Ltd	Webinar

Term Two			
Sr. No.	Faculty Coordinators	Industry Representative and Name of Industry	Nature of Contribution
1	Mr. P M Warke	Mr. A. G. Patil, Partner, Synergy Process Systems, Pune	Helped our Alumnus by paying Rs. 15,000/- for his medical treatment  Recruited our two BE Chemical students (Divyani Balapure and Bhavesh Gaidhani).
2	Mr. P M Warke	Mr. Rahul Patil, Regional Sales Manager – Middle East & Africa region (MENA) at Tranter International, Dubai	Paid Rs. 20, 0000/- part of tuition fee for one of students of BE Chemical (2021-22)
3	Mr. P M Warke	Mr. Jitendra Nivargi, Director, SimTech Separation Technologies, Pune	Delivered a Seminar and arranged an Industrial Visit.
4	Mr. P M Warke	Mr. K P Ranjan, Director, toyaM Technologies Pvt. Ltd., Pune.	Delivered a Seminar and placed (01) student through Campus recruitment drive.
5	Mr. P M Warke	Mr. Ashwin Bhende, VP, NOCIL, Mumbai	Delivered a Seminar before the Campus recruitment Drive.
6	Mr. P M Warke	Mr. Sumit Haibat, HR Manager, NOCIL, Mumbai	Conducted campus recruitment drive and selected (04) appeared students of BE Chemical
7	Mr. P M Warke	Mr. Mishra, Director, NM Jalmaitreya LLP, Chakan & Mr. Dinesh Swami, GM	Conducted campus recruitment drive and selected (03)

			appeared students of BE Chemical
8	Mr. P M Warke	Mr. Shantanu Patil, GM, UHP Technologies, Bangalore	Conducted campus recruitment drive and selected (03) appeared students of BE Chemical & Instrumentation
9	Mr. P M Warke	Mr. Milind Bava, HR Manager, Praj Industries Ltd., Pune	Conducted campus recruitment drive and selected (01) appeared students of BE Chemical & Instrumentation
10	Mr. P M Warke	Mr. Amit Sahastrabuddhe, Director, Marcuras Water Treatment (I) Pvt. Ltd., Bhosari	Campus recruitment. (02) students joined  Due to the permission granted, three students of TE Chemical completed one month industrial training.
11	Mr. P M Warke	Mr. A. G. Patil, Partner, Synergy Process Systems, Pune	Due to the permission granted, two students of TE Chemical completed one month industrial training.
12	Mr. P M Warke	Mr. Makarand Pimplapure, Director, Makspeed Technology, Pune	Due to the permission granted, three students of TE Chemical completed one month industrial training.
13	Mr. P M Warke	Mr. Suhail Shaikh, Director, Ross Boilers, Pune	Due to the permission granted, two students of TE Chemical completed one month industrial training.
14	Mr. P M Warke	Mr. Altaf Inamdar, Director, Techpert Process Industries, Pune	Due to the permission granted, three students of TE Chemical completed one month industrial training.
15	Mr. P M Warke	Mr. Ajaysingh Katwate, Ex. Employee, Godrej Chemicals Ltd., Ambernath	Helped for an industrial training of (01) student of TE Chemical
16	Mr. P M Warke	Mr. Vitthal Thorat, HR Manager, Clean Science & Technology Ltd., Kurkumbh	Arranged an Industrial Visit for TE Chemical
17	Mr. P M Warke	Mr. Yuvaraj Mahajan, VP, Darshan Chemicals, Ambernath	Arranged an Industrial Visit for BE Chemical



18	Mr. P M Warke	Mr. Rajendra Khatri, HR Manager, Mojj Engineering Systems Ltd., Bhosari	Arranged an Industrial Visit for BE Chemical.
19	Mr. P M Warke	Ms. Vidya Murkute, Design Engineer, Enversys Greentek Solutions, Chinchwad	Conducted campus recruitment drive and selected (02) appeared students of BE Chemical
20	Mr. P M Warke	Mr. Prasad Kamthe, Director, P-Square Technologies, Pune	Conducted campus recruitment drive and selected (02) students of BE Chemical
21	Mr. P M Warke	Ms. Shivani Paranjape, BYJU'S Think and Learn Pvt. Ltd., Pune	Conducted campus recruitment drive and selected (01) student of BE Mechanical (S/W)
22	Mr P S Tadkar	Mr Shreyas Kulkarni Granules India Pvt Ltd	Campus Recruitment
23	Mr P S Tadkar	Mr. Pravin Kokate Mapro Foods Pvt Ltd Shendurjane	Staff Training
24	Mr P S Tadkar	Mr. Pravin Kokate Mapro Foods Pvt Ltd Shendurjane	Industrial Visit
25	Mr P S Tadkar	Mr Kiran Bhor Aditya Birla Science and Technology	Webinar

### 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
1	Dr P N Dange	BE Project supported by Industry Industry ,Azimuthal Enerlabs, Nashik	Project: Gas Hydrate Formation in oil basin in India

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

#### 5.10 STUDENTS UNDERGONE SANDWICH TRAINING (For Mechanical& Production departments)

Term One					
Sr No	Name of student	Industry	Sr No	Name of student	Industry

Term Two					
Sr No	Name of student	Industry	Sr No	Name of student	Industry

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

Size of photo 5 cm x 7 cm with captions


# **6. STUDENTS' ACHIEVEMENT S**

**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)
Krunal Raut	Participated in 16 <sup>th</sup> AISSMS ET-2022 for the Poster Presentation held on Sept 29-30 and Oct 1, 2021 organized by AISSMSCOE, Pune	
Krunal Raut	Participated in 16 <sup>th</sup> AISSMS ET-2022 for the Quiz Competition held on Sept 29-30 and Oct 1, 2021 organized by AISSMSCOE, Pune	
Tejas Deepak Kanade	Presented paper on “Production and experimental investigation of ethanol from sugar base” in 1 <sup>st</sup> international conference on “Water, Energy and Environment (WEECON 2021)” conducted on 23-24 <sup>th</sup> December 2021	Organized by ISET Research India and IEI Vietnam
Viraj Gandhi	Participated in poster presentation in National level student technical symposium and exposition “16 <sup>th</sup> AISSMS Engineering Today 2021” from 29/09/2021 to 01/10/2021	Organized by AISSMS COE, Pune
Aniket Patil	Participated in IDEATHON 2021-22 competition on 16/10/2021 organized by AISSMS COE and SavitribaiPhule Pune University	Innovation competition
Onkar Chafekar	Participated in quiz on Indian Air Force Day	08/10/2021
Sakshi Ahirrao	Participated and completed e-quiz entitled Reading inspiration Day online Quiz Competition, 2021	15/10/2021
Sakshi Ahirrao	Participated in International Sign language Day Quiz	23/09/2021
Sakshi Ahirrao	Participated and passed in Quriosity 2.0 quiz competition	28/08/2021
Sakshi Ahirrao	Participated in quiz on Indian Air Force Day	08/10/2021
<b>Harshal khairnar</b>	Participated in quiz on Indian Air Force Day	08/10/2021

Term Two		
Name of Student	Details of Achievement (State/University/ National/International Level)	Remark (Domain)
Pranav R. Pawar	E-Conference on “Advanced Materials in Innovative Technology”, Milliya Arts, Science & Management Science College, Beed, on 11/01/2022	
Krunal Raut	Attended the webinar on “Role of Economics in the Selection of Technology” conducted by IICChE students chapter, AISSMSCOE, Pune on 16/03/2022	
Vaibhav Shirsat	Certificate of Merit awarded by Shivanjali-2022, AISSMSCOE, Pune on 13/05/2022 for securing 7 <sup>th</sup> rank in SPPU	


**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))
ABHISHEK VIJAY INGALE	Participated in Quiz on “Constitution Day” organized by National Service Scheme and Unnat Bharat Abhiyan	Social awareness
SanketSampat Sable	Participated in “Indian Air Force Day Quiz” organized by ISTE Students’ Chapter, AISSMS COE on 08/10/2021	
Omkar Chafekar	Participated in Majhi Vasundhara Mitra	12/10/2021
Sakshi Ahirrao	Participated in Majhi Vasundhara Mitra	09/10/2021
Akshay Gadekar	Participated in Majhi Vasundhara Mitra	12/10/2021
Sudeep Shamdhare	Participated in Majhi Vasundhara Mitra	12/10/2021
Chandan Yadav	Participated in Majhi Vasundhara Mitra	12/10/2021
Harshal Khairnar	Participated in Majhi Vasundhara Mitra	09/10/2021

Term Two		
Name of Student	Details of Achievement (State/University/ National/International Level)	Remark ((Domain))
AniketPatil	Participated in “National Level Poetry and Article Competition” on the life of “Swami Vivekananda and RajmataJijau” on 21/01/2022	Organized by NSS AISSMS COE
AniketPatil	Participated in “Indian Army Day Quiz” organized by ISTE Students’ Chapter, AISSMS COE on 15/01/2022	
Omkar Chafekar	Attended a national level Webinar on ‘Symbol of Knowledge- My Constitution My pride’	08/12/2021
Akshay Gadekar	Attended a national level Webinar on ‘Symbol of Knowledge- My Constitution My pride’	08/12/2021
Sudeep Dhamdhare	Attended a national level Webinar on ‘Symbol of Knowledge- My Constitution My pride’	08/12/2021
-	Attended a national level Webinar on ‘Symbol of Knowledge- My Constitution My pride’	08/12/2021
<b>Vipul Sonawane</b>	Participated in Majhi Vasundhara Mitra	02/01/2022

**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	Pranav R. Pawar	Online Internship Program (OIP-2021) on Subject “Petroleum Refinery Engineering”	Indian Institute of Chemical Engineers	12 May – 15 July 2021
2	Pranav R. Pawar	NPTEL Course “Aspen Plus simulation software”	IIT Guwahati, NPTEL	Jul-Oct 2021
3	Pranav R. Pawar	NPTEL Course “heat Transfer”	IIT Kharagpur, NPTEL	Jul-Oct 2021
4	Krunal L Raut	Successfully completed the Coursera Course on “Introduction to Programming with MATLAB”	Coursera, Vanderbilt University	Jun 23, 2021
5	Krunal L Raut	Successfully completed the online industrial internship program on “Applications of MATLAB & CHEMCAD”	Terra-Green Technologies Pvt. Ltd.	20/09/2021 to 08/11/2021
6	Vaibhav S Shirsat	Successfully completed the NPTEL course “Aspen Plus simulation- a Basic Course for Beginners” with 84% score	NPTEL	Jul-Oct 2021
7	Vaibhav S Shirsat	Successfully completed the online industrial internship program on “Petrochemical Engineering”	IICChE, Kolkata	15 May to 26 June 2021
8	Abhishek Vijay Ingale	Online Industrial Internship Program on “APPLICATIONS OF MATLAB & CHEMCAD”	Terra-Green Technologies Pvt. Ltd.	20/09/2021 to 08/11/2021
9	Riteshkumar Rajendra Kolhap	Aspen Plus® simulation software - a basic	NPTEL	July-Oct 2021

	ure	Course for Beginners		
10	Riteshkumar Rajendra Kolhapure	Principles and practices of process equipment and plant design	NPTEL	July-Oct 2021
11	Onkar Chafekar	Attended webinar “Plate heat exchanger” basic introduction and comparison with shell & tube heat exchanger	AIChE student chapter, AISSMS COE Pune	One Day 8 October 2021
12	Onkar Chafekar	Participated in Orientation Program	AIChE student chapter, AISSMS COE Pune	Two Days 27.08.2021 to 28.08.2021
13	Onkar Chafekar	Participated in Correct Priorities while implementing energy conservation projects	AIChE student chapter, AISSMS COE Pune	One day 23.08.2021
14	Pradeep Pawar	Participated in webinar on “How to prepare Equipment layout”	AIChE student chapter, AISSMS COE Pune	One day 02.09.2021
15	Sakshi Ahirrao	Participated in webinar on “How to prepare Equipment layout”	AIChE student chapter, AISSMS COE Pune	One day 02.09.2021
16	Harshal Khairnar	Attended webinar “Plate heat exchanger” basic introduction and comparison with shell & tube heat exchanger	AIChE student chapter, AISSMS COE Pune	One Day 8 October 2021
17	Harshal Khairnar	Participated in Orientation Program	AIChE student chapter, AISSMS COE Pune	Two Days 27.08.2021 to 28.08.2021
18	Rutik Salunkhe	Participated in Correct Priorities while implementing energy conservation projects	AIChE student chapter, AISSMS COE Pune	One day 23.08.2021
19	Rutik Salunkhe	Participate in workshop on “Career Opportunity and Non-core sectors-the Alumni Perspectives”	IIChe NIT Srinagar	Six Days 26 <sup>th</sup> to 31 <sup>st</sup> July 2021
20	Satish	Participate in workshop on	IIChe NIT	Six Days

	Salunkhe	“Career Opportunity and Non-core sectors-the Alumni Perspectives”	Srinagar	26 <sup>th</sup> to 31 <sup>st</sup> July 2021
21	Utkarsh Barkade	Participated in Correct Priorities while implementing energy conservation projects	AIChE student chapter, AISSMS COE Pune	One day 23.08.2021
22	Vipul Sonawane	Participated in Orientation Program	AIChE student chapter, AISSMS COE Pune	Two Days 27.08.2021 to 28.08.2021
23	AHIRRAO SAKSHI	DWSIM	Spoken Tutorial	November to December 2021
24	ASHTIKAR MRUNMAYEE	DWSIM	Spoken Tutorial	November to December 2021
25	BAGAWADE SHUBHAM	DWSIM	Spoken Tutorial	November to December 2021
26	BARBADE VAIBHAV	DWSIM	Spoken Tutorial	November to December 2021
27	BARKADE UTKARSH	DWSIM	Spoken Tutorial	November to December 2021
28	BHANDARI YOGITA	DWSIM	Spoken Tutorial	November to December 2021
29	BHIVARKAR VIJAY	DWSIM	Spoken Tutorial	November to December 2021
30	BHONGARE PAYAL	DWSIM	Spoken Tutorial	November to December 2021
31	BHOSALE DHANSHREE	DWSIM	Spoken Tutorial	November to December 2021
32	CHAFEKAR ONKAR	DWSIM	Spoken Tutorial	November to December 2021
33	CHAUDHARI PARESH	DWSIM	Spoken Tutorial	November to December 2021



34	CHAUDHARI YASH	DWSIM	Spoken Tutorial	November to December 2021
35	CHAVAN PRATIK	DWSIM	Spoken Tutorial	November to December 2021
36	CHOUDHARI SUYOG	DWSIM	Spoken Tutorial	November to December 2021
37	DEOKAR SHUBHAM	DWSIM	Spoken Tutorial	November to December 2021
38	DHAMDHER E SUDEEP	DWSIM	Spoken Tutorial	November to December 2021
39	DHARDUBE Y NITIN	DWSIM	Spoken Tutorial	November to December 2021
40	DIVATE AARTI	DWSIM	Spoken Tutorial	November to December 2021
41	DODE KHUSHI	DWSIM	Spoken Tutorial	November to December 2021
42	DOLAS BHUSHAN	DWSIM	Spoken Tutorial	November to December 2021
43	GADEKAR AKSHAY	DWSIM	Spoken Tutorial	November to December 2021
44	GAIKWAD AKANKSHA	DWSIM	Spoken Tutorial	November to December 2021
45	GANDHILE NIKHIL	DWSIM	Spoken Tutorial	November to December 2021
46	GUPTA SHIVANI	DWSIM	Spoken Tutorial	November to December 2021
47	HULAWALE RUSHIKESH	DWSIM	Spoken Tutorial	November to December 2021
48	INGAVALE RAVIRAJ	DWSIM	Spoken Tutorial	November to December 2021
49	JADHAV MRUDULA	DWSIM	Spoken Tutorial	November to December 2021

50	JAGDHANE PRATIK	DWSIM	Spoken Tutorial	November to December 2021
51	JAGTAP SAHIL	DWSIM	Spoken Tutorial	November to December 2021
52	JARHAD ADITYA	DWSIM	Spoken Tutorial	November to December 2021
53	JULME PRACHI	DWSIM	Spoken Tutorial	November to December 2021
54	KAKADE ASHISH	DWSIM	Spoken Tutorial	November to December 2021
55	KAMBLE SURAJ	DWSIM	Spoken Tutorial	November to December 2021
56	KANCHAN ISHANT	DWSIM	Spoken Tutorial	November to December 2021
57	KEWAT AKASH	DWSIM	Spoken Tutorial	November to December 2021
58	KHAIRNAR HARSHAL	DWSIM	Spoken Tutorial	November to December 2021
59	KHATAL MAHESH	DWSIM	Spoken Tutorial	November to December 2021
60	KHILARI GIRISH	DWSIM	Spoken Tutorial	November to December 2021
61	LAKADE KAMLESH	DWSIM	Spoken Tutorial	November to December 2021
62	MARALE UTKARSHA	DWSIM	Spoken Tutorial	November to December 2021
63	MARKAD SHIVAM	DWSIM	Spoken Tutorial	November to December 2021
64	MOHAKUD SANJAY KUMAR	DWSIM	Spoken Tutorial	November to December 2021

65	MOMIN MOHAMED FAIZ RIYAZ	DWSIM	Spoken Tutorial	November to December 2021
66	NAINWAD SHWETA	DWSIM	Spoken Tutorial	November to December 2021
67	PALSHETKA R ANUSHKA	DWSIM	Spoken Tutorial	November to December 2021
68	PARDESHI SUMER	DWSIM	Spoken Tutorial	November to December 2021
69	PARDESHI UJVALA	DWSIM	Spoken Tutorial	November to December 2021
70	PATEL DEEP	DWSIM	Spoken Tutorial	November to December 2021
71	PATIL SARTHAK	DWSIM	Spoken Tutorial	November to December 2021
72	PATIL RAVIRAJ	DWSIM	Spoken Tutorial	November to December 2021
73	PAWAR PRADEEP	DWSIM	Spoken Tutorial	November to December 2021
74	PATIL GAURAV	DWSIM	Spoken Tutorial	November to December 2021
75	PHARATE PRAJAKTA	DWSIM	Spoken Tutorial	November to December 2021
76	PHULKAR SHLOK	DWSIM	Spoken Tutorial	November to December 2021
77	POHARE NIKHIL	DWSIM	Spoken Tutorial	November to December 2021
78	POTE ASHWINI	DWSIM	Spoken Tutorial	November to December 2021
79	RAJURKAR AAMOD	DWSIM	Spoken Tutorial	November to December 2021

80	RANAWARE SHARDUL	DWSIM	Spoken Tutorial	November to December 2021
81	RATHOD SHIVAM	DWSIM	Spoken Tutorial	November to December 2021
82	RAUT SAGAR	DWSIM	Spoken Tutorial	November to December 2021
83	RAUT KRUNAL	DWSIM	Spoken Tutorial	November to December 2021
84	REDE NEERAJ	DWSIM	Spoken Tutorial	November to December 2021
85	SALUNKE SATISH	DWSIM	Spoken Tutorial	November to December 2021
86	SAPATE BHAVANA	DWSIM	Spoken Tutorial	November to December 2021
87	SAYED MOHAMMA D ALI	DWSIM	Spoken Tutorial	November to December 2021
88	SAYYAD AMAN	DWSIM	Spoken Tutorial	November to December 2021
89	SHAIKH RAFIK	DWSIM	Spoken Tutorial	November to December 2021
90	SHAIKH MOHASIN	DWSIM	Spoken Tutorial	November to December 2021
91	SHEP KAUSHAL	DWSIM	Spoken Tutorial	November to December 2021
92	SHINDE ADITYA	DWSIM	Spoken Tutorial	November to December 2021
93	SHRIRAO SHRADDHA	DWSIM	Spoken Tutorial	November to December 2021
94	SHUBHAM DHAS	DWSIM	Spoken Tutorial	November to December 2021

95	SHUKADEV E SUMIT	DWSIM	Spoken Tutorial	November to December 2021
96	SONAWANE VIPUL	DWSIM	Spoken Tutorial	November to December 2021
97	SURAJ KAMBLE	DWSIM	Spoken Tutorial	November to December 2021
98	WALUNJ VISHAL	DWSIM	Spoken Tutorial	November to December 2021
99	WALUNJ SANKET	DWSIM	Spoken Tutorial	November to December 2021
100	YADAV SOURABH	DWSIM	Spoken Tutorial	November to December 2021
1	YADAV CHANDAN	DWSIM	Spoken Tutorial	November to December 2021
2	YADAV SANSKAR	DWSIM	Spoken Tutorial	November to December 2021
3	Anarse Pravin Santosh	DWSIM	Spoken Tutorial	November to December 2021
4	Bagal Akash Ashok	DWSIM	Spoken Tutorial	November to December 2021
5	Bhandari Ashish Prakash	DWSIM	Spoken Tutorial	November to December 2021
6	Bhangale Gaurav Satish	DWSIM	Spoken Tutorial	November to December 2021
7	Bhokate Rutuja Sudam	DWSIM	Spoken Tutorial	November to December 2021
8	Bondre Avadhoot Suresh	DWSIM	Spoken Tutorial	November to December 2021
9	Chaudhari Yash Sanjay	DWSIM	Spoken Tutorial	November to December 2021

10	Dhole Satyen Arvind	DWSIM	Spoken Tutorial	November to December 2021
11	Diggikar Dhiraj Digambar	DWSIM	Spoken Tutorial	November to December 2021
12	Divekar Karan Shantaram	DWSIM	Spoken Tutorial	November to December 2021
13	Duggad Shubham Sanjay	DWSIM	Spoken Tutorial	November to December 2021
14	Gaikwad Sankalp Sunil	DWSIM	Spoken Tutorial	November to December 2021
15	Game Swaraj Ravindra	DWSIM	Spoken Tutorial	November to December 2021
16	Gangurde Sneha Sanjay	DWSIM	Spoken Tutorial	November to December 2021
17	Gawali Shivam Pradeep	DWSIM	Spoken Tutorial	November to December 2021
18	Ghodke Vikas Rajendra	DWSIM	Spoken Tutorial	November to December 2021
19	Girvale Vishal Anil	DWSIM	Spoken Tutorial	November to December 2021
20	Godase Shreyas Sirama	DWSIM	Spoken Tutorial	November to December 2021
21	Gosavi Vaibhavi Dhanaji	DWSIM	Spoken Tutorial	November to December 2021
22	Ingle Chetan Diliprao	DWSIM	Spoken Tutorial	November to December 2021
23	Jagdale Tushar Dnyandev	DWSIM	Spoken Tutorial	November to December 2021

24	Jagtap Sahil Sambhaji	DWSIM	Spoken Tutorial	November to December 2021
25	Jain Yash Sanjay	DWSIM	Spoken Tutorial	November to December 2021
26	Kadu Manisha Raju	DWSIM	Spoken Tutorial	November to December 2021
27	Kajarekar Abhishek Avinash	DWSIM	Spoken Tutorial	November to December 2021
28	Kakade Sagar Sachin	DWSIM	Spoken Tutorial	November to December 2021
29	Kathale Abhay Vijay	DWSIM	Spoken Tutorial	November to December 2021
30	Khaladkar Yash Bharat	DWSIM	Spoken Tutorial	November to December 2021
31	Khatod Jayesh Satyajit	DWSIM	Spoken Tutorial	November to December 2021
32	Kodoli Vishakha Arun	DWSIM	Spoken Tutorial	November to December 2021
33	Kulkarni Mayur Gunwant	DWSIM	Spoken Tutorial	November to December 2021
34	Kurdhane Nikita Madan	DWSIM	Spoken Tutorial	November to December 2021
35	Ladkat Yash Jitendra	DWSIM	Spoken Tutorial	November to December 2021
36	Lole Vedant Deepak	DWSIM	Spoken Tutorial	November to December 2021
37	Londhe Tejas Chandrakant	DWSIM	Spoken Tutorial	November to December 2021

38	Modhave Sushant Sharad	DWSIM	Spoken Tutorial	November to December 2021
39	Mohammad Adil Mahfooz	DWSIM	Spoken Tutorial	November to December 2021
40	Mohd Afif Abuzar M. Nadeem	DWSIM	Spoken Tutorial	November to December 2021
41	Mote Dnyanraj Sandip	DWSIM	Spoken Tutorial	November to December 2021
42	Naik Tanvi Nitin	DWSIM	Spoken Tutorial	November to December 2021
43	Nale Pratik Vijaysinha	DWSIM	Spoken Tutorial	November to December 2021
44	Navle Rushikesh Subhash	DWSIM	Spoken Tutorial	November to December 2021
45	Nikam Dnyaneshwar Gulabrao	DWSIM	Spoken Tutorial	November to December 2021
46	Om Ravindra Avhad	DWSIM	Spoken Tutorial	November to December 2021
47	Palshetkar Anushka Santosh	DWSIM	Spoken Tutorial	November to December 2021
48	Pathade Mayur Laxmikant	DWSIM	Spoken Tutorial	November to December 2021
49	Patil Aniket Jivan	DWSIM	Spoken Tutorial	November to December 2021
50	Patil Avadhut Anil	DWSIM	Spoken Tutorial	November to December 2021



51	Patil Yash Pramod	DWSIM	Spoken Tutorial	November to December 2021
52	Patole Abhijeet Vitthal	DWSIM	Spoken Tutorial	November to December 2021
53	Potsure Omkar Santosh	DWSIM	Spoken Tutorial	November to December 2021
54	Ranaware Shardul Satyavan	DWSIM	Spoken Tutorial	November to December 2021
55	Rasale Sandesh Sanjay	DWSIM	Spoken Tutorial	November to December 2021
56	Rokade Sanket Namdev	DWSIM	Spoken Tutorial	November to December 2021
57	Rupanawar Prasad Krishnaji	DWSIM	Spoken Tutorial	November to December 2021
58	Sable Sanket Sampat	DWSIM	Spoken Tutorial	November to December 2021
59	Salunke Sangram Sunil	DWSIM	Spoken Tutorial	November to December 2021
60	Salunkhe Shubham Rajesh	DWSIM	Spoken Tutorial	November to December 2021
61	Sayyed Huda Farooq	DWSIM	Spoken Tutorial	November to December 2021
62	Shaikh Junaid Hamid	DWSIM	Spoken Tutorial	November to December 2021
63	Shaikh Mohammed Omar	DWSIM	Spoken Tutorial	November to December 2021

64	Shidore Anjali Babuppa	DWSIM	Spoken Tutorial	November to December 2021
65	Shinde Aditya Bhimraj	DWSIM	Spoken Tutorial	November to December 2021
66	Shinde Nishant Dilip	DWSIM	Spoken Tutorial	November to December 2021
67	Shinde Shivam Sachin	DWSIM	Spoken Tutorial	November to December 2021
68	Shipkule Nikhil Somnath	DWSIM	Spoken Tutorial	November to December 2021
69	Shitole Abhijeet Madhukar	DWSIM	Spoken Tutorial	November to December 2021
70	Tale Om Chandrakant	DWSIM	Spoken Tutorial	November to December 2021
71	Tapse Patil Krishna Pradip	DWSIM	Spoken Tutorial	November to December 2021
72	Udapure Anshul Nandkumar	DWSIM	Spoken Tutorial	November to December 2021
73	Vaishnavi Nitin Ghorpade	DWSIM	Spoken Tutorial	November to December 2021
17 4	Waichal Umesh Ramchandra	DWSIM	Spoken Tutorial	November to December 2021

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

1	Abhishek Vijay Ingale	Aspen Plus® simulation software - a basic Course for Beginners	NPTEL	Jan-Apr 2022
2	DikshitaKaml esh Mehta	Aspen Plus® simulation software - a basic Course for Beginners	NPTEL	Jan-Apr 2022
3	Tejas Deepak Kanade	Aspen Plus® simulation software - a basic Course for Beginners	NPTEL	Jan-Apr 2022
4	AniketPatil	Introduction to Hydrogen Safety for First Responders	AIChE	10/04/2022
5	JayeshSatyajit Khatod	Certificate Program - Lab Safety	AIChE	07/04/2022
6	OmkarPotsure	Certificate Program - Lab Safety	AIChE	14/04/2022
7	Prasad KrishnajiRupa nawar	Certificate Program - Lab Safety	AIChE	17/05/2022
8	Sandesh Sanjay Rasale	Introduction to Hydrogen Safety for First Responders	AIChE	12/04/2022
9	SanketSampat Sable	Introduction to Hydrogen Safety for First Responders	AIChE	09/04/2022
10	Yogita Bhandari	Web development and designing	Sparks Foundation	
11	Rutik Salunkhe	Workshop on Boiler Efficiency Calculations	AAHARYA Technologies	One Day 09.04.2022
12	Sanket sampat sable	Introduction to hydrogen safety for first responders	Others	Jan-Apr 2022
13	Gangurde Sneha Sanjay	Safety+Chemical engineering education	AICHE	Jan-Apr 2022
14	Sayyed huda Farooq	Importance of process safety	Aiche	Jan-Apr 2022
15	Yash sanjay jain	The Importance of Process Safety	AICHE COURSE	Jan-Apr 2022

16	Tanvi Nitin Naik	Aiche lab safety	Aiche	Jan-Apr 2022
17	Manisha Kadu	SACHE -lab safety	Aiche	Jan-Apr 2022
18	Manisha Kadu	Chem e car safety	Aiche	Jan-Apr 2022
19	Abhishek Avinash Kajarekar	Hazards and Risk Introduction to Hazard Identification and Risk Analysis	AiChe	Jan-Apr 2022
20	MD ADIL MAHFOOZ	CHS INTRODUCTION TO HYDROGEN SAFETY FOR FIRST RESPONDERS	AIChE ACADEMY	Jan-Apr 2022
21	Aditya Bhimraj Shinde	Lab Safety	AICHE Academy	Jan-Apr 2022
22	Rupanawar Prasad Krishnaji	Lab safety	Aiche academy	Jan-Apr 2022
23	Patil Aniket Jivan.	Introduction to hydrogen safety	AICHE course	Jan-Apr 2022
24	Karan Shantaram Divekar	ELA954 SAcHe® certificate Program - lab safety	Certificate course	Jan-Apr 2022
25	Kodoli vishakha arun	ELA954 SAcHe - Lab safety	Aiche course	Jan-Apr 2022
26	Mohammed Omar Mohammed Ilyas Shaikh.	Unit Operations of Particulate Matter.	NPTEL Online Certification.	Jan-Apr 2022
27	Mohammed Omar Mohammed Ilyas Shaikh.	The Importance of Process Safety.	AICHE Academy.	Jan-Apr 2022
28	ASHISH PRAKASH BHANDARI	PROCESS CALCULATION	AICHE	Jan-Apr 2022

29	Rasale Sandesh Sanjay	ELA253 CHS Introduction to Hydrogen Safety for First Responders	Aiche	Jan-Apr 2022
30	OM RAVINDRA AVHAD	SACHe	AICHE	Jan-Apr 2022
31	Omkar Potsure	Lab Saftey	AICHE	Jan-Apr 2022
32	Yash Jitendra Ladkat	SACHE lab safety Course	AICHE	Jan-Apr 2022
33	Nikhil Somnath Shipkule	Lab safety	Aiche	Jan-Apr 2022
34	Godase Shreyas Sirama	Lab safety	SACHe-certificate program	Jan-Apr 2022
35	Mayur Laxmikant Pathade	Importance of process safty	Aiche	Jan-Apr 2022
36	Yash sanjay jain	AiChe	Importance of process safety	Jan-Apr 2022
37	Avadhoot Suresh Bondre	Data science AL and advances in chemical engineering	Webinar certificate	Jan-Apr 2022
38	Vishal Anil Girvale	Data science AI and advances in chemical engineering	Webinar certificate	Jan-Apr 2022
39	Rutuja Sudam Bhokate	Lab Safety	ELA954 SACHe® Certificate Program - Lab Safety	Jan-Apr 2022
40	Modhave Sushant Sharad	Safety Aspects of Nitrogen and Other Inert Gases	AICHe ACADEMY / SACHe	Jan-Apr 2022

41	Vaishnavi Nitin Ghorpade	Nanotechnology The makers Course	Coursera	Jan-Apr 2022
42	DIGGIKAR DHIRAJ DIGAMBAR	SACHE COURSE	Regarding chemical safety	Jan-Apr 2022
43	Yash sanjay jain	The Importance of Process Safety	Aiche	Jan-Apr 2022
44	Shidore Anjali Babuppa	The importance of process safety	ELA950 SACHe®	Jan-Apr 2022
45	Sankalp sunil Gaikwad	NPTEL	NPTEL	Jan-Apr 2022
46	Salunkhe Shubham Rajesh	NPTEL	NPTEL	Jan-Apr 2022
47	Sanket Namdev Rokade	Lab Safety	AICHE/ SACHE	Jan-Apr 2022
48	Sagar Sachin Kakade	Unit Operation of particulate matter	NPTEL	Jan-Apr 2022
49	Khaladkar Yash Bharat	Lab safety	Sache	Jan-Apr 2022
50	AVADHUT ANIL PATIL	SACHE	AICHE	Jan-Apr 2022
51	Nale Pratik Vijaysinha	Lab Safety	AICHE	Jan-Apr 2022
52	Shivam Sachin Shinde	Introduction to hydrogen safety	AICHE	Jan-Apr 2022
53	Nikita Madan kurdhane	Lab Safety	Lab Safety	Jan-Apr 2022
54	Tushar Dnyandev Jagdale	ELA954 SACHe® Certificate Program - Lab Safety	SACHe	Jan-Apr 2022

55	Mayur Kulkarni	Sache lab safety course	Aiche	Jan-Apr 2022
56	Dnyaneshwar Gulabrao Nikam	SACHE lab safety	Aiche	Jan-Apr 2022
57	Akash Ashok Bagal	Data science	Data science webinar	Jan-Apr 2022
58	Salunkhe Shubham Rajesh	NPTEL	NPTEL	Jan-Apr 2022
59	Vishal Anil Girvale	Data science	Data science webinar	Jan-Apr 2022
60	Avadhoot Suresh Bondre	AICHE	AICHE	Jan-Apr 2022
61	Vishal Anil girvale	AICHE	AICHE	Jan-Apr 2022
62	Waichal Umesh Ramchandra	Lab safety	AICHE	Jan-Apr 2022
63	AKASH ASHOK BAGAL	LAB SYFTEY	AICHE	Jan-Apr 2022
64	Mohammad Afif Abuzar	Introduction to Hydrogen Safety for First Responders	Aiche Academy	Jan-Apr 2022
65	Pravin Anarse	SACHE	AICHE	Jan-Apr 2022
66	Krishna Pradip Tapse Patil	Lab safety	AIChE	Jan-Apr 2022
67	Tejas Chandrakant Londhe	Lab safety	AIChE	Jan-Apr 2022
68	Vedant Lole	SACHE	AICHE	Jan-Apr 2022

69	INGLE CHETAN DILIPRAO	Lab Safety	Aiche	Jan-Apr 2022
70	Vikas Ghodke	Lab safety course	AICHE	Jan-Apr 2022
71	Jagtap Sahil Sambhaji	AICHE	Lab Safety	Jan-Apr 2022
72	Wavhal Yash Navnath	AICHE	Lab safety	Jan-Apr 2022
73	Shubham Sanjay Duggad	Lab safety	Aiche Academy	Jan-Apr 2022
74	Nishant Shinde	SACHE ab safety	Aiche	Jan-Apr 2022
75	Anshul Nandkumar Udapure	SACHe lab Safety	Aiche	Jan-Apr 2022
76	Swaraj . R. Game	SACHE Lab Safet	Aiche	Jan-Apr 2022
77	Abhay Vijay Kathale	SACHE Lab Safety	AICHE	Jan-Apr 2022
78	Abhijeet Madhukar Shitole	SACHE Lab Safety	AICHE	Jan-Apr 2022
79	Om Tale	SACHE Lab Safety	AICHE	Jan-Apr 2022
80	Yash Sanjay Chaudhari	Lab Safety	AICHe Academy (SACHe)	Jan-Apr 2022
81	Gaurav bhangale	Saftey course	Aiche	Jan-Apr 2022
82	Junaid shaikh	Introduction to Hydrogen Safety for First Responders	AICHe	Jan-Apr 2022
83	Jayesh Satyajit Khatod	Lab Safety	AiChe	Jan-Apr 2022



84	Sangram Sunil Salunke	Safety Aspects Of Nitrogen	AICHE	Jan-Apr 2022
85	shardulranaware@gmail.com	Nitrogen and other inert gases	Aiche	Jan-Apr 2022
86	Mote Dnyanraj Sandip	Lab Safety	AICHE	Jan-Apr 2022

#### 6.4 NUMBER OF STUDENTS PLACED

Term One			
Sr No	Name of Organization visited	Number of students Participated	Number of students Placed
1	Hypro Engineers Pvt. Ltd., Pune	07	01
2	NALCO Water under Ecolab, Pune	24	03
3	Genrich Membranes Pvt. Ltd., Chinchwad	05	02
4	Reliance Industries Ltd., Mumbai	161	07 selected and 03 waitlisted
5	Marcuras Water Treatment (I) Pvt. Ltd., Bhosari	09	02
6	Granules India Ltd., Hinjewadi	11	03

Term Two			
Sr No	Name of Organization visited	Number of students Participated	Number of students Placed
1	P- Square Technologies, Pune	08	02
2	Synergy Process Systems, Pune	05	02
3	NOCIL, Mumbai	18	04
4	BYJU'S Think and Learn Pvt. Ltd., Pune for Academic Specialist role	92	01
5	BYJU'S Think and Learn Pvt. Ltd., Pune for BDT role	108	01
6	Century Enka Ltd., Bhosari	05	02 selected but not joined
7	Praj Industries Ltd., Pune	07 students were shortlisted for interview	01
8	NM Jalmaitreya LLP, Chakan	08	03
9	UHP Technologies, Bangalore	04	03
10	Toyam Technologies Pvt. Ltd., Pune	04	01
11	Marcuras Water Treatment (I) Pvt. Ltd., Bhosari	08	03
12	Enversys Greentek Solutions, Chinchwad	07	02

13	Siemens Ltd.- Energy Division, Ahmedabad	Final round (06)	01
	Lower Package Offered: Rs. 1.5 Lakh per annum Higher package Offered: Rs. 10 lakh per annum Average Package Offered: Rs. 3.40 lakh per annum		

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

Sr. No.	Name of Student	Examination	Examination / registration number
1	Pranav R. Pawar	GATE 2022	CH22S42089131
2	Vaibhav Shirshat	GATE 2022	CH22S42074020
3	Dikshita Mehta	GATE 2022	CH22S42074481
4	Dhanajay Kumar Singh	GATE 2022	

**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)**

Term One

Name of Event	Name of Faculty Advisor	Details of Achievement (State/University/ National/International Level)	Remark (Domain)

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

**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

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

FACULTY	ACTIVITY

**7.3 FEEDBACK FROM STAKEHOLDERS**

Sr No	Stake holder	Number of Feedbacks Received	Overall Feedback
1	Alumni	58	Excellent
2	Parents	33	Excellent
3	Employers	19	Good
4	Students	80	Excellent

**7.4 TWO BEST PRACTICES FOLLOWED IN THE DEPARTMENT**

Research and Development

One faculty one Industry

**7.5 MAJOR GRIEVANCES OF STUDENTS (IF ANY) REDRESSED**

**7.6 SWOC ANALYSIS**

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

**Strengths:**

1	Experienced, committed and Qualified faculty
2	Good Faculty retention
3	Well-equipped laboratories
4	Good number of Faculty publications
5	Good research culture

**Weaknesses:**

1	<b>Placement in core companies at low salary</b>
2	Less Consultancy Projects
3	
4	
5	

**Opportunities:**

1	Qualification up-gradation of Faculty
2	Establishing MOUs with Industries
3	External Sponsorship for Research
4	Start Research Centre
5	

**Challenges**

1	To attract high merit students
2	Placement in core companies with higher salary
3	Creating Entrepreneurs
4	
5	

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

1	NBA
2	NABL
3	

4	
5	

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

Area	Initiatives
<b>Academics and overall profile of Department</b>	Sticking to Academic Calendar Online Teaching Regular Test and Assignments
<b>Organization of different activities</b>	Webinar Workshop Orientation Program Cultural Exchange Program Chapter Activities
<b>Research and Innovation</b>	Projects given by Industry Experimental Projects Testing and Consultancy
<b>Industry institute Interaction</b>	Expert Lectures Industrial Training One Faculty One Industry MOUs Placement
<b>Students' Achievements</b>	Won Prizes in National Level Conferences Class/ University Rankers

### SUMMARY SHEET (Annual)

Sr No	Activity/ Item	Numbers
<b>PROFILE OF DEPARTMENT</b>		
<b>01</b>	Students in the department	220
<b>FACULTY CONTRIBUTION</b>		
<b>02</b>	e content developed by faculty and available online	19
<b>03</b>	Number of FDP/STTP attended by the department faculty	42
<b>04</b>	Number of Seminars/ workshops/ webinars attended by the department faculty	106
<b>05</b>	Number of Conferences/ symposiums attended by the department faculty	09
<b>06</b>	Number of Online courses / certificate courses completed by department faculty	04
<b>07</b>	Number of extension lectures / webinars (Lectures delivered on other than technical topics))	06
<b>08</b>	Number of Faculty served as resource person, expert, chairperson	07
<b>ACTIVITIES ORGANISED</b>		
<b>09</b>	Number of FDP/STTP organized by the department	01
<b>10</b>	Number of Seminars/ workshops/ webinars organized by the department (for faculty)	19
<b>11</b>	Number of Conferences/ symposiums organized by the department (for faculty)	01
<b>12</b>	Number of Extension activities conducted by the department (Social/ Quizzes at national/international level/any other activity)	07
<b>13</b>	MOU signed with academic and professional organizations	02
<b>14</b>	Number of Students' chapters /clubs	03



15	Number of Social activities organized	00
16	Number of Parent meeting	90
17	Number of Alumni meet	15
18	Number of student counseling and career guidance at the department level	00
<b>RESEARCH CONTRIBUTION</b>		
19	Number of Funded research project	03
20	Number of Testing and consultancy	00
21	Number of Patents, copyright, trademark and other (IPR)	02
22	Number of Papers published/ presented in proceedings of conferences	06
23	Number of Papers published in journals	03
24	Number of Book/ article publications	01
25	Total Research citations	881
26	Number of ME awarded	02
27	Number of PhD AWARDED	00
<b>INTERACTION WITH INDUSTRY</b>		
28	Number of Industrial visits organised	11
29	Number of Expert lectures delivered by industry experts	23
30	Number of Industry –sponsored projects (UG/PG)	08
31	Number of MOU signed with industry	04
32	Number of Faculty members undergone industrial training	04
33	Number of Students undergone in-plant training and (or) internship programme	145
34	Number of students placed	47
35	Number of students qualified in the examinations	04

### **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.

**Name and Signature  
Head of Department**



# AISSMS

## COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

Accredited by NAAC with "A+" Grade



## DEPARTMENT OF COMPUTER ENGINEERING

### ANNUAL REPORT

(01 JUNE 2021 to 31 MAY 2022)

TERM ONE: 01 June to 30 November

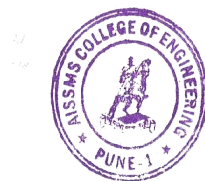
TERM TWO: 01 December to 31 May

### Academic Year 2021 – 2022

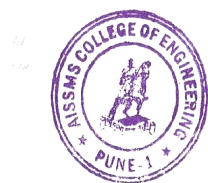
#### Guidelines:

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

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



# PROFILE OF DEPARTMENT



2

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

## INTRODUCTION

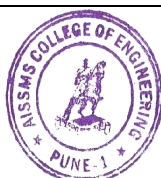
<b>Year of Establishment</b>	<b>1998-I Shift 2013-II Shift</b>
<b>UG Programmes</b>	<b>Shift I-60 ShiftII -60</b>
<b>PG Programmes</b>	<b>18</b>
<b>Number of Teaching Staff</b>	<b>21+03(First Year)</b>
<b>Number of Non-Teaching Staff</b>	<b>Lab Assistant-04 Lab attendant-03</b>

## LABORATORIES IN THE DEPARTMENT

<b>Name of Laboratory</b>	<b>Name of Laboratory</b>
<b>Microprocessor Lab</b>	<b>Linux Lab</b>
<b>Digital Lab</b>	<b>Computer Network Lab</b>
<b>Multimedia Lab</b>	<b>Software Design Lab</b>
<b>Computer Software Lab</b>	<b>PG Lab</b>
<b>Fundamental and Programming Lab</b>	

## SOFTWARES AVAILABLE IN THE DEPARTMENT

<b>Software Available</b>	<b>Software Available</b>
Windows 98(36 users) & (60 users)	Borland C++ suite (30 users)
Windows XP Pro. (50 users)	ORACLE 10g Std. Edition one for 25 users with one media
IBM Utilities, PC Doctor (60 users)	Office XP (01 user)
Lotus Smart Suit (60 users)	Microsoft Office Professional 2007(5 users)
Rational Rose (30 users)	Auto Desk 3 CD's max 8.0 with kit
Oracle 9i (5 users)	Windows XP Pro.English UGP OLP NL AE with media(168 users)
Vstudio.NET Pro 2002 Win32 ENG OLP NL AE (01 users)	Internet developer suite ( Oracle D2K with media )



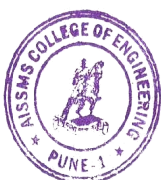
Borland C++ suite (02 users)	Xilinx 11.2 VLSI Design (25 User)
NetDruid Ver.9.0	Windows 2007 (50 User)
MS Office XP 2003 (02 user)	ETNL Language Lab (one teacher Cons.

### FACULTY IN THE DEPARTMENT

Name of faculty	Designation	Name of faculty	Designation
Dr. D P Gaikwad	Associate Professor	S G Dhengre	Assistant Professor
Dr M A Pradhan	Associate Professor	S J Pachouly	Assistant Professor
N R Talhar	Assistant Professor	S S Jadhav	Assistant Professor
A J Kadam	Assistant Professor	M M Swami	Assistant Professor
Dr.S F Sayyad	Associate Professor	S S Kolte	Assistant Professor
Dr.S V Athawale	Assistant Professor	M M Phadatare	Assistant Professor
A S Deokar	Assistant Professor	Neha Rai	Assistant Professor
S R Nalamwar	Assistant Professor	Savitri Chetan Pawar	Assistant Professor
V V Waykule	Assistant Professor	M. P. Deshmukh	Assistant Professor
A M Jagtap	Assistant Professor	Mrs. Ritu S. Dudhmal	Assistant Professor
Dr. D M Ujlambkar	Assistant Professor		

### DETAILS OF SUPPORTING STAFF

Name of Non Teaching Staff	Designation	Name of Non Teaching Staff	Designation
Mr.J.B.Mohite	Lab.Asst	Mr.P.B.Tikone	Lab. Attendant
Mr.P.K.Mulay	Lab.Asst	Mr.A.B.Chavan	Lab. Attendant
Mr.N.S.Sale	System Analyst	Mr.N.A.Kale	Lab. Attendant
Mr.S.P.Mane	Lab.Asst	Mr Vinayak Unune	Lab.Asst

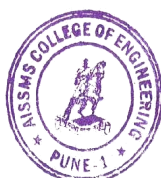


## STUDENTS' ENROLLMENT

Programm	GEN		SC		ST		OBC		PWD		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<b>UG (Computer)</b>	<b>41</b>	<b>16</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>28</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>26</b>	<b>6</b>	<b>103</b>	<b>34</b>
<b>PG (Computer)</b>														

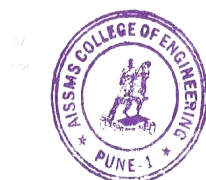
## STUDENTS-FACULTY FEEDBACK DETAILS

Term One				
Name of faculty	Class and Subject taught	Feedback (I) (%)	Feedback (II) (%)	Average Feedback (%)
Dr. D P Gaikwad	SE-I OOPs	84	74	79
Dr M A Pradhan	TE-I(SPM)	91	88	90
N R Talhar	BE-1:Distributed System	84	78	81
A J Kadam	TE I _CNS	89	86	88
Dr.S F Sayyad	CG(SE-I) and CG SE- II)	87 82	85 83	86 83
Dr.S V Athawale	BE-I HPC	83	77	80
A S Deokar	TE-I(SPM)	65	89	77
S R Nalamwar	TE-I:DBMS	94	91	43
V V Waykule	TE:TOC-I &TOC -II	93 79	88 86	91 83
A M Jagtap	BE:DA-I	85	81	83
Dr. D M Ujlambkar	DMW(BE-I)	85	80	83
S G Dhengre	SE I FDS	85	85	85



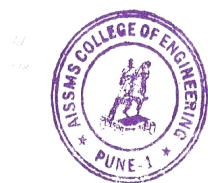
	SE II FDS	84	78	81
S J Pachouly	CN (TE II)	85	91	88
S S Jadhav	SE:OOP-II BE:DMW-II	79 80	80 80	80 80
M M Swami	DELD (SE-I) DELD (SE-II)	90 83	83 85	87 84
S S Kolte	BE-I High Performance Computing	86	80	83
M M Phadtare	BE-II Data Analytics TE-II DBMS	76 81	88 81	82 81
Neha Rai	BE-I Artificial Intelligence and Robotics BE-II Artificial Intelligence and Robotics	85 82	82 83	84 83
Savitri Chetan Pawar	SE DM	70	72	71
M. P. Deshmukh	TE -I System Programming and Operating Systems TE-II System Programming and Operating Systems	89	85	87

<b>Term Two</b>				
<b>Name of faculty</b>	<b>Class and Subject taught</b>	<b>Feedback (I) (%)</b>	<b>Feedback (II) (%)</b>	<b>Average Feedback (%)</b>
Dr. D P Gaikwad	TE-I Artificial Intelligence	85	84.14	85
Dr M A Pradhan	BE-I( Machine Learning)	85	86	86
N R Talhar	BE-1 Cloud Computing	82	83	83





A J Kadam	TE-II Data Science and Big Data Analytics	82	83	83
Dr.S F Sayyad	TE-I Web Technology	88	89	89
Dr.S V Athawale	TE-II Data Science and Big Data Analytics	64	73	70
A S Deokar	SE-I Principles of Programming Languages	75	76	76
S R Nalamwar	BE-II : Machine Learning ME : Artificial Intelligence	89	87	88
V V Waykule	SE-I :Data Structures and Algorithm and	81	81	81
A M Jagtap	TE-II Web Technology	60	73	67
Dr. D M Ujlambkar	BE-I Soft Computing and Optimization Algorithms	81	77	79
	BE-II Soft Computing and Optimization Algorithms	80	81	81
S G Dhengre	SE-II :Data Structures and Algorithm and	83	89	86
S J Pachouly	BE-I :Information and cyber Security	86	82	84
S S Jadhav	BE-II Information	88	90	89

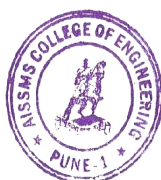


	and Cyber Security			
M M Swami	SE-I Microprocessor	84	87	86
S S Kolte	TE-I -II Cloud Computing	73	78	76
M M Phadtare	SE-II Microprocessor	81	85	83
Neha Rai	TE-II Artificial Intelligence	74	78	76
Savitri Chetan Pawar	BE-II Cloud Computing	76	78	77
M. P. Deshmukh	SE Software Engineering	87	86	87
Mrs. Ritu S. Dudhmal	SE-II Principle of Programming Languages	85	84	85
	SE-II Principle of Programming Languages	85	86	86

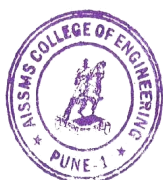
**RESULT ANALYSIS (LAST TERM) (Academic Year:**

**Term: I/II)**

Term One					
Name of faculty	Class and Subject Taught	% passing	Name of faculty	Class and Subject Taught	% passing
Dr. D P Gaikwad	OOP-SE-I	100%	S G Dhengre	SE I FDS SE II FDS	100% 100%

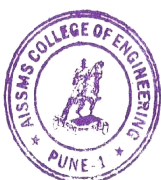


Dr M A Pradhan	TE(Software Project Management) ME (Operation Research)	100 %  100%	S J Pachouly	TE-II CNS	100%
N R Talhar	BE-1 Distributed Systems	100%	S S Jadhav	SE-II- OOP BE-II- DMW	100% 100%
A J Kadam	TE-I CNS	100%	M M Swami	DELD SE-I SE-II	100% 100%
Dr.S F Sayyad	CG SE-I CG-SE-II	100% 100%	S S Kolte	BE-II HPC	100%
Dr.S V Athawale	HPC MANET	100% 100%	M M Phadtare	BE-II DA TE-II DBMS	100%
A S Deokar	TE-I SPM	100%	Neha Rai	BE-I & BE-II Artificial Intelligence and Robotics	100%
S R Nalamwar	TE-I DBMS	100%	Savitri Chetan Pawar	DM-I	100%
V V Waykule	TOC I TOC II	100%	M. P. Deshmukh	TE -I & TE- IISystem Program ming	100%
A M Jagtap	BE-I-DA	100%	Mrs. Ritu S. Dudhmal	MC-BE	100%



Dr. D M Ujlambkar	BE-I DMW	100%			
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Term Two					
Name of faculty	Class and Subject Taught	% passing	Name of faculty	Class and Subject Taught	% passing
Dr. D P Gaikwad	AI-TE-I	97.56%	S G Dhengre	SE-II-DSA	92.21%
Dr M A Pradhan	BE( Machine Learning)	98.63%	S J Pachouly	BE-I ICS	97.26%
N R Talhar	BE-1 Cloud Computing	97.26%	S S Jadhav	BE-II-ICS	100%
A J Kadam	TE-I Data science & big data analytic	100%	M M Swami	MP SE-I	83%
Dr.S F Sayyad	TE-I Web Technology	100%	S S Kolte	TE-I-II Cloud Computing	100% 96%
Dr.S V Athawale	TE-II Data science & big data analytic	88.61%	M M Phadtare	SE-II-MP	85%
A S Deokar	PPL	91%	Neha Rai	TE-II Artificial Intelligence	89.97%
S R Nalamwar	BE-II ML	100%	Savitri Chetan Pawar	BE-II-CC	100%
V V Waykule	SE I-Data Structures and	94.94	M. P. Deshmukh	SE-I-SE	92%



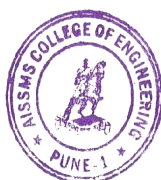
	Algorithms				
A M Jagtap	TE-II-WT	86.91%	Mrs. Ritu S. Dudhmal	SE-I PPL	94%
Dr. D M Ujlambkar	BE-I SCOA	98.63%			

**CLASS RESULT ANALYSIS (LAST TERM) (Academic Year:**

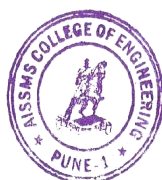
**Term: I/II)**

Term One													
S N	Class	No. Of Students										Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9 -10)	Excellent (A+) (8.5 – 8.99)	Very Good (A) (7.5 – 8.49)	Good (B+) (6.5 – 7.49)	Above Average (B) (5.5 – 6.49)	Average (4.25 – 5.49) Class	Pass Class (4 – 4.24)	Fail (F) 0 – 3.99	All Clear	With ATKT
1	BE I	73	73	68	4	1	0	0	0	0	0	100	100
2	BE II	68	68	68	0	0	0	0	0	0	0	100	100
3	TE I	82	82	82	0	0	0	0	0	0	0	100	100
4	TE II	79	79	78	01	0	0	0	0	0	0	100	100
5	SE I	79	79	27	52	0	0	0	0	0	0	100	100
6	SE II	77	77	26	49	2	0	0	0	0	0	100	100

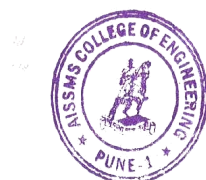
Term Two													
S N	Class	No. Of Students										Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9 -10)	Excellent (A+) (8.5 – 8.99)	Very Good (A) (7.5 – 8.49)	Good (B+) (6.5 – 7.49)	Above Average (B) (5.5 – 6.49)	Average (4.25 – 5.49) Class	Pass Class (4 – 4.24)	Fail (F) 0 – 3.99	All Clear	With ATKT



		Appeared	Clear Passed	Outstanding (O) (9 -10)	Excellent (A+) (8.5 – 8.99)	Very Good (A) (7.5 – 8.49)	Good (B+) (6.5 – 7.49)	Above Average (B) (5.5 – 6.49)	Average (4.25 – 5.49) Class	Pass Class (4 – 4.24)	Fail (F) 0 – 3.99	All Clear	With ATKT
1	BE I	73	71	14	13	21	2	0	0	0	2	97.36	100
2	BE II	68	68	4	37	0	0	0	0	0	0	100	100
3	TE I	82	80	11	65	4	0	0	0	0	0	98	100
4	TE II	79	69	5	63	1	0	0	0	0	0	87.3	100
5	SE I	79	61	0	27	34	0	0	0	0	0	77	100
6	SE II	77	64	0	31	33	0	0	0	0	0	83.1	100



# FACULTY CONTRIBUTION

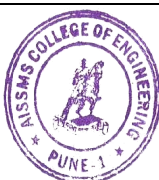


**ACHIEVEMENTS OF FACULTY (AWARDS, RECOGNITION, PHD COMPLETION ETC.)**

<b>Term One</b>		
<b>SN</b>	<b>Name of Faculty</b>	<b>Awards &amp; Recognition</b>
1	Dr. D P Gaikwad	Received Award by GOAL as “Shksha Vibhuti” Delhi
3	Dr S F Sayyad	Best Women Research Award- 2021
2	D M Ujalambkar	Ph.D(Computer Science and Engineering)
4	S J Pachouly	Felicitated and awarded by Jashn e Adab Delhi
5	S S Kolte	Awarded as Super woman Multitalent Award by forever stat india

<b>Term Two</b>		
<b>SN</b>	<b>Name of Faculty</b>	<b>Awards &amp; Recognition</b>
1	S J Pachouly	Felicitated and awarded by Deccan Literature Pune

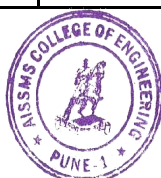
Few photographs of related to faculty contribution (felicitation of faculty, photos of award function etc.





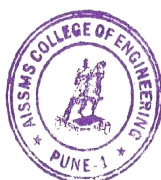
## CONTRIBUTION OF FACULTY (Interaction with outside world)

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. D P Gaikwad	1.Board of Studies meeting of Cummins College 2.One paper of IEI Springer reviewed 3.One paper reviewed of international conference 4.1. Paper reviewed by International journal Currency and statistics An Intrusion Detection Approach using Ensemble Support Vector Machine based Chaos Game Optimization Algorithm in Big Data Platform. 5. Paper reviewed on "Prediction performance comparison of risk management and control mode in regional sites based on decision tree and neural network" of Concurrency journal. 6.Reviewed paper of Concurrency and Generation
2	Dr M A Pradhan	1.Board of Studies(BoS) member of Information technology, SPPU, 2.Board of Studies(BoS) member of Computer Engineering VIIT, Pune 3. Board of Studies(BoS) member of Computer Engineering Cummins College of Engineering, Pune 4.Technical Committee member of SPPU 5. Paper Setter (PG),Paper Setter (UG)
	A J Kadam	1.Paper Reviewer International Journal. 2. Paper Setter (PG),Paper Setter (UG) 3.ET core committee Member. 4.Central Online Exam Coordinator.(TCS,ION)
3	Dr.S F Sayyad	1.Paper Setter and examiner computer Graphics(SE Computer Engineering, AI & DS)SPPU Member of 8th International Conference on Signal, Image Processing and Embedded Systems (SIGEM 2022) November 19 ~ 20, 2022, Zurich, Switzerland 2 member
4	Dr.S V Athawale	1.Keynote speaker of International Conference on



		<p>innovations &amp; Trends in Computing ICITC 2021</p> <p>2. 3 papers of IETF reviewed</p> <p>3. One paper reviewed of international conference</p> <p>4. My paper selected in MDPI (IF 3.5 )</p> <p>5. Board of Studies meeting of JSPM College</p>
5	Dr. D M Ujlambkar	Paper Setter (PG)
6	S J Pachouly	<p>1. Performed and Felicited at INSHAAD Sanstha Mumbai program for my contribution and Hindi poetry and literature on 12th 2021.</p> <p>2. Performed and Felicited at Jashne adab Delhi at their 10th Foundation day program for my contribution and hindi poetry and literature on 24 Aug 2021.</p> <p>3. Performed and Organized Swarnim VIJAY Mashal Celebration at Roseland Residency Pune on 3rd October 2021 to celebrate 50 years of India's glorious victory in into pak war of 1971 on date.</p> <p>4. Performed and Felicited In a poetry event held by Deccan Lit committee at Pune on 12th March 2022</p>

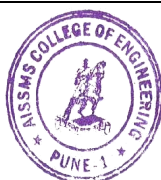
<b>Term Two</b>		
SN	Name of Faculty	Nature and details of contribution (Representation at University, State, National , International level, corporate world, Social Platforms, etc)
1	Dr M A Pradhan	<p>1) Board of Studies(BoS) member of Information technology, SPPU,</p> <p>2) Board of Studies(BoS) member of Computer Engineering VIIT, Pune</p> <p>3) Board of Studies(BoS) member of Computer Engineering Cummins College of Engineering, Pune</p> <p>4) Technical Committee member of SPPU</p> <p>5) Paper Setter (PG), Paper Setter (UG)</p>
2	Dr S F Sayyad	Speaker for "5 Days ISTE APPROVED STTP on "Machine Learning With IOT" organized by the Information Technology department from 14th March 2022 - 19th March 2022 "



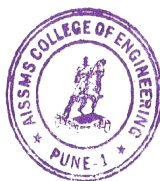
3	M M Swami	1) Faculty Mentor for the course “Artificial Intelligence for All” under IUCEE NEP Program
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**e CONTENT DEVELOPED BY FACULTY AND AVAILABLE ONLINE**

<b>Term One</b>				
<b>Sr No.</b>	<b>Name of Faculty</b>	<b>Title of e-content</b>	<b>e-content development facility/platform</b>	<b>link of the content</b>
1	Dr M A Pradhan	Lecture notes and assignment	Google classroom, google drive	<a href="https://drive.google.com/drive/folders/12xufZMowv4wKP424mxgTeggq1ltextzf?usp=sharing">https://drive.google.com/drive/folders/12xufZMowv4wKP424mxgTeggq1ltextzf?usp=sharing</a>
2	N R Talhar	Lecture Notes and Assessment Google Classroom	BE-1 Distributed System	<a href="https://classroom.google.com/u/1/w/Mzc3MDE3OTUzOTI3/tc/MzgwNzMyNzA0NDE4">https://classroom.google.com/u/1/w/Mzc3MDE3OTUzOTI3/tc/MzgwNzMyNzA0NDE4</a>
3	Dr.S F Sayyad	Lecture Notes and Assessment	Microsoft Teams	<a href="http://shorturl.at/hjIPT">shorturl.at/hjIPT</a>
4	Dr.S V Athawale	Lecture Notes and Assessment Google Classroom	TE-2 Design and analysis of algorithms	<a href="#">lxcnrdd</a>
5	A S Deokar	Google Classroom	TE-I(Software Project Management)	<a href="https://classroom.google.com/c/NDE3NjkyOTM4MTE5">https://classroom.google.com/c/NDE3NjkyOTM4MTE5</a>
6	S R Nalamwar	Google Classroom	TE-I DBMS	<a href="https://classroom.google.com/c/MTQzMTc0ODA1diJq">https://classroom.google.com/c/MTQzMTc0ODA1diJq</a>

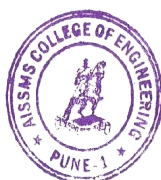


7	V V Waykule	Google ,Classroom	TE I (TOC) TE II (TOC)	Class Code: <a href="#">4bnoyvh</a> <a href="#">hgav5mv</a>
8	Dr. D M Ujlambkar	Google Classroom	BE-I Data Mining and Warehousing	<a href="https://classroom.google.com/u/1/c/MzgxODg3ODE0NzAx">https://classroom.google.com/ u/1/c/MzgxODg3ODE0NzAx</a>
9	S G Dhengre	Google Classroom	SE I FDS  SE II FDS	2vs22ty  omm4gmy
10	S J Pachouly	Google Classroom	TE-II CNSL  ME FTS	<a href="https://classroom.google.com/c/Mzc0NzU0MTI0MTA1">https://classroom.google.com/ c/Mzc0NzU0MTI0MTA1</a>  <a href="https://classroom.google.com/c/MTQzMTc0ODA1MjQw">https://classroom.google.com/ c/MTQzMTc0ODA1MjQw</a>
11	M M Swami	Google Classroom	SE I(DELD) SE II (DELD)	<a href="#">gyczz3e</a>  <a href="#">celgnof</a>
12	S S Kolte	Google Classroom	BE-II Cloud Computing	<a href="https://classroom.google.com/c/MTE3NjQ4MTMyOTUy?cj=c=k2buk6j">https://classroom.google.com/ c/MTE3NjQ4MTMyOTUy?cj c=k2buk6j</a>
13	M M Phadtare	Google Classroom	BE(DA) TE(DBMS)	<a href="#">2fnd56h</a>  <a href="#">e3fdcyl</a>
14	Neha Rai	Google Classroom	BE I-AIR BE-II AIR	todar4g



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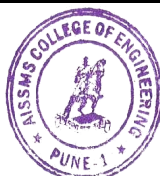
Term Two				
Sr No.	Name of Faculty	Title of e-content	e-content development facility/platform	link of the content
1	Dr M A Pradhan	Design of Predictive model Part 1  Design of Predictive model Part 2	Youtube  Youtube	<a href="https://youtu.be/Qj1xMIVLy-A">https://youtu.be/Qj1xMIVLy-A</a>  <a href="https://youtu.be/gZFWQXGjjJ8">https://youtu.be/gZFWQXGjjJ8</a>
2	Dr.S F Sayyad	TE-I  Web Technology	Google Classroom	<a href="https://classroom.google.com/u/1/c/MjU4OTY1Njc0MTA1">https://classroom.google.com/u/1/c/MjU4OTY1Njc0MTA1</a>
3	Dr.S V Athawale	BE-1 High performance computing	Google Classroom	<a href="https://classroom.google.com/c/NDcwMTE3NzZMxNzAz">rc5eyg3</a>
4	A S Deokar	Google Classroom	SE-I Principles of Programming Languages	<a href="https://classroom.google.com/c/NDcwMTE3NzZMxNzAz">https://classroom.google.com/c/NDcwMTE3NzZMxNzAz</a>
5	V V Waykule	Google Classroom	ME:MFDS SEI:DSA	Class Code: ovxoznz class



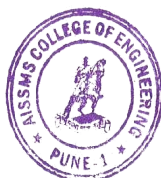
				Code:pbunxtv
6	S J Pachouly	Google Classroom	BE-ICS	<a href="https://classroom.google.com/c/MjY1ODU0MjAwNTk5">https://classroom.google.com/c/MjY1ODU0MjAwNTk5</a>
7	M M Swami	Google Classroom	SE I(MP)	<a href="#">gyczz3e</a>
8	S S Kolte	Google classroom	TE-I-II Cloud Computing	vauaaxi 5obeh3y
9	Neha Rai	Google Classroom	TE-II:AI	zelh2b6
10	R. S. Dudhmal	Google Classroom	SE-II Principles of Programming Languages	<a href="https://classroom.google.com/c/MzUzNjIzNzc5MzI4">https://classroom.google.com/c/MzUzNjIzNzc5MzI4</a>

### FDP/STTP ATTENDED BY THE DEPARTMENT FACULTY

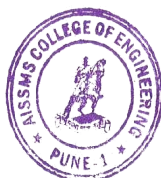
Term One				
S N	Name of Faculty	Title of the FDP/STTP	Organized by	Duration/ Dates
1	Dr D P Gaikwad	Webinar on "Discover Yourself" Organised by AISSMSCOE	AISSMSCOE	7 Dec 2021
2	Dr M A Pradhan	1)One week FDP on "Research Funding and Patent Filing "	Department of Information Technology,	25 Oct to 29 Oct 2021



			Sinhgad Institute of Technology, Lonavala	
3	Dr M A Pradhan	2)One day FDP on “Software project management “	RMD Singhad college of Engineering in association with SPPU	11 August 2021
4	Dr M A Pradhan	3)Five days FDP on Software based case studies for development of Multidisciplinary projects	Department of Computer Engineering in association with Faculty development cell , AISSMS COE	25 Nov to 29 Nov 2021
5	N R Talhar	1. Attended FDP on TOC	Department of Computer Engineering in association with Faculty development cell , AISSMS COE	1 day (03/08/2021)

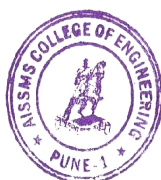


6	N R Talhar	2. Attended ATAL FDP AICTE "Design Thinking: Aspirations for Innovations"	ATAL FDP AICTE by AISSMS COE Comp Dept	5 day (29 Nov to 3rd Dec 2021)
7	N R Talhar	3. Attended FDP on Software based case studies for development of multidisciplinary project	Department of Computer Engineering in association with Faculty development cell , AISSMS COE	5 days (22 Nov to 26 Nov 2021)
8	N R Talhar	4. AICTE-ISTE sponsored one week Refresher program " Advances in Engineering"	AICTE-ISTE AISSMSCOE	6 days 8/12/2021 to 14/12/2021

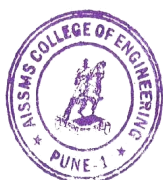




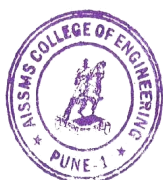
9		Webinar on "Cloud Technology"	AISSMSCOE	9/7/2021
10		Webinar on "Discover Yourself"	AISSMSCOE	7/12/2021
11		ATAL FDP AICTE Thinking: Aspirations Innovations"	AISSMSCOE	29-11-2021 to 3-12-2021
12		DP on Software based case study development of multidisciplinary project	AISSMSCOE	22-11-2021 to 26-11-2021



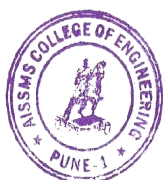
13	A J Kadam	AICTE-ISTE sponsored of Refresher program " Adv Engineering	AISSMSCOE	08-12-2021 to 14-12-2021
14	A J Kadam	Webinar on "Be Placement R	AISSMSCOE	1/6/2021
15	A J Kadam	Webinar on Intellectual Rights"	AISSMSCOE	05-06-2021
16	A J Kadam	Webinar on Benefits and op of student chapters in pande	Organised by SSGMCOE	12-06-2021
17	A J Kadam	Webinar on Communication in Crisis Management – How ToDo It Right?	organised by Bharati vidyapeeth	19-06-2021



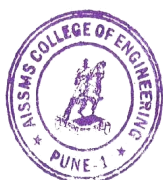
18	A J Kadam	Webinar on OBE-in p academic excellent	organised by Karpagam university	24-06-2021
19	A J Kadam	Webinar on Research in Dig Problems and Opportunities	Bharati vidyapeeth	26-06-2021
20	A J Kadam	Webinar on Financial Literac	AISSMSCOE	17-07-2021
21	A J Kadam	Webinar on Quantum Classical Cryptography PostQuantum Cryptography	Organised by Bharati Vidyapeeth	24-07-2021
22	A J Kadam	Webinar on Blockch GameChanger Tech in the Post COVID World	Organised by BVICAM	31-07-2021



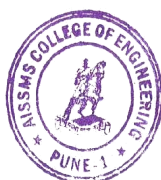
23	Dr.S F Sayyad	1)NPTEL FDP“Introduction to research 8 weeks (Aug to Oct	AICTE NPTEL	8 weeks (Aug to Oct 2021
24	Dr.S F Sayyad	2)One Week National workshop On Accreditation Process Organized Under PARAMASH Scheme of UGC	UGC	17/3/2021 to 23/3/2021
25	Dr.S V Athawale	Attended 5 days FDP of AICTE	AICTE	12/3/21 18/3/21
26	Dr.S V Athawale	Attended 5 days FDP of AICTE	AICTE	5/3/21 11/3/21
	Dr.S V Athawale	Webinar on“Cloud Technology”	Aissmscoe	9/7/2021
	Dr.S V Athawale	Webinar on “Discover Yourself”	Aissmscoe	7/12/2021
12	A S Deokar	Attended webinar on“Cloud Technology”	Department of Computer Engineering, AISSMS College of Engineering, Pune	1 day (9th July, 2021)



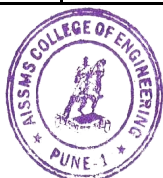
13	S R Nalamwar	1.Short Term Training Programme (STTP)through ICT mode on 'Advanced Applications in Artificial Intelligence and Machine Learning'	Marathwada Mitra Mandal's Institutions MMCOE and MMIT	2/08/21 6/08/21
14	S R Nalamwar	2.One Week Online National Level FDP on "Recent Advances in Computer Science and Allied Domains (RACSAD-2021)"	Computer Engg & IT Dept Dr. Balasaheb Vikhe Patil Technology, Nashik	5/07/2021 to 9/07/2021
15	S R Nalamwar	3. FDP on "MACHINE LEARNING TO DEEP LEARNING: TRENDS AND CHALLENGES"	Madhuben & Bhanubhai Patel Institute of Techn,New Vallabh Vidhyanagar	13 /12/21 to 18/12/21



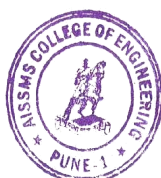
16	S R Nalamwar	4. STTP “Innovative & Inventive Problem Solving”	Dept of Production Engineering, AISSMS COE, Pune	13/07/21 to 18/07/21
17	S R Nalamwar	5. Two Days workshop on “A Structured New Strategy of Quality Enhancement in Revised Accreditation for all Higher Educational Institutions (HEI’S)”	Internal quality Assurance Cell, Er Perumal Manimekalai College of Engineering, Hosur - 635117, Krishna giri Tamilnadu	22/09/21 to 23/09/21
	A M Jagtap	Webinar on “Discover Yourself”	Organised by AISSMSCOE	7/12/2021
18	V V Waykule	FDP on “OUTCOME BASED CURRICULUM AND EXAMINATION REFORMS	B. V. V. S. Polytechnic (autonomous), Bagalkot AISSMS COE	2021-10-25 to 2021-10-21
19	V V Waykule	STTP on "Innovative and Inventive Problem Solving (IIPS-2021) Phase IV	AISSMS COE	2021-07-13 to 2021-07-18



20	V V Waykule	FDP on "Design Thinking: Aspirations for Innovations	Department of Computer Engineering, Bharati Vidyapeeth's College Of Engineering, Lavale, Pune.	29-11-2021 to 03-12-2021
21		participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Design Thinking: Aspirations for Innovations" from 29/11/2021 to 03/12/2021 at All India Shri	All India Shri Shri Memorial Society's College of Engineering	29/11/2021 to 03/12/2021
22		2. participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "OUTCOME BASED CURRICULUM AND EXAMINATION REFORMS" from 25/10/2021 to 29/10/2021 at B. V. V. S. Polytechnic (autonomous), Bagalkot	B. V. V. S. Polytechnic (autonomous), Bagalkot.	25/10/2021 to 29/10/2021
23		3. participated & completed successfully AICTE	Dr. Harisingh	27/12/2021

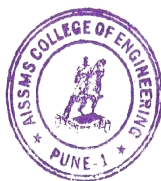


		<p>Training And Learning (ATAL) Academy Online Elementary FDP on "Data Sciences" from 27/12/2021 to 31/12/2021 at Dr. Harisingh Gour Vishwavidyalaya Sagar M.P</p>	<p>Gour Vishwavidyalaya Sagar M.P.</p>	<p>to 31/12/2021</p>
24		<p>4. participated in Faculty Development Program on "Advanced Software Engineering &amp; Project Management" from 03/01/2022 to 07/01/2022. The program was organized by Dr. D. Y. Patil Institute of Engineering, Management and Research Akurdi Pune, in association with Indian Society for Technical Education (ISTE).</p>	<p>Dr. D. Y. Patil Institute of Engineering, Management and Research Akurdi Pune</p>	<p>03/01/2022 to 07/01/2022</p>
25		<p>5. completed one-week online Faculty Development Program on "Information Security: Issues and Challenges (ISIC-2021)" sponsored by ISEA-II and organized by Department of Computer Science &amp; Engineering, Motilal Nehru National Institute of Technology Allahabad,</p>	<p>Motilal Nehru National Institute of Technology Allahabad, Prayagraj, Uttar Pradesh, India</p>	<p>December 18 - 22, 2021.</p>

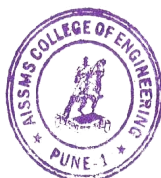




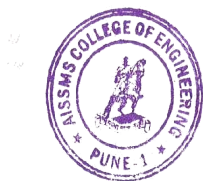
		Prayagraj, Uttar Pradesh, India during December 18 - 22, 2021.		
26		6.has Participated in Five Days FDP on “Software Based Case Studies for Development of Multidisciplinary Projects” Organized by Department Of Computer Engineering under Faculty Development Cell, AISSMS College Of Engineering, Pune, Maharashtra From 22nd to 26th of November	AISSMS College Of Engineering, Pune	22nd to 26th of November
	Dr D M Ujalambkar	ATAL FDP on “Leading to self Excellence	Organised by AICTE	15-10-21 to 19
	Dr D M Ujalambkar	AICTE FDP on “Enabling Entrepreneurship and startup mind set	Organised by AICTE	16-08-21 to 20
	Dr D M Ujalambkar	AICTE FDP on “Design Thinking: Aspirations for innovations”	Organised by AICTE	29-11-21 to 3-
	Dr D M Ujalambkar	Refresher course on “3D Interaction design using AR-VR”	Organised by PCCOE	23-12-21 to 29
	S G Dhengre	Webinar on “Discover Yourself”	AISSMSCOE	7/12/2021
	S J Pachouly	Webinar on Cloud Technology	AISSMSCOE	7/12/2021
	S J Pachouly	ATAL Online Elementary FDP on Design Thinking: Aspirations for Innovations	AISSMSCOE	9/7/2021



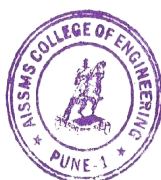
27	M M Swami	<p>1. participated &amp; completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Design Thinking: Aspirations for Innovations" from 29/11/2021 to 03/12/2021 at All India Shri Shivaji Memorial Society's College of Engineering.</p> <p>2. webinar on "Cloud Technology" Organised by AISSMSCOE</p>	<p>AISSMS COE</p> <p>AISSMS COE</p>	<p>29/11/2021 to 03/12/2021</p> <p>9/7/2021</p>
28	S SKolte	<p>1. participated &amp; completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Design Thinking: Aspirations for Innovations" from 29/11/2021 to 03/12/2021 at All India Shri Shivaji Memorial Society's College of Engineering.</p>	<p>AISSMS COE</p> <p>AISSMS COE</p>	<p>29/11/2021 to 03/12/2021</p> <p>7/12/2021</p> <p>9/7/2021</p>



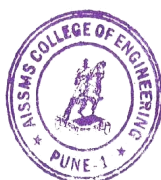
		<ol style="list-style-type: none"><li>1. Webinar on "Discover Yourself" AISSMS</li><li>2. webinar on "Cloud Technology" Organised by AISSMSCOE</li></ol>		
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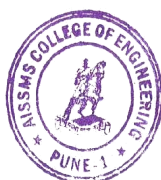
29	M M Phadtare	<p>participated &amp; completed successfully</p> <p>AICTE Training And Learning</p> <p>(ATAL) Academy Online Elementary</p> <p>FDP on "Design Thinking: Aspirations for Innovations" from 29/11/2021 to 03/12/2021 at All India Shri Shivaji Memorial Society's College of Engineering.</p>	AISSMS COE	29/11/2021 to 03/12/2021
		Webinar on "Discover Yourself"	AISSMSCOE	7/12/2021



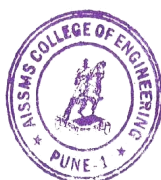
	S S Jadhav	NPTEL FDP on systems usa security	NPTEL	FEB-MARCH
30	Neha Rai	participated & completed suc AICTE Training And Learn (ATAL) Academy Online Elementary FDP on "Design Thinking: Aspirations for Innovations" 29/11/2021 to 03/12/2021 at All India Shri Memorial Society's College Engineering.	All India Shri Sh Memorial Society's College of Engineering	29/11/2021 to 03/12/2021



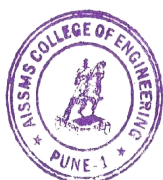
31	Neha Rai	<p>participated &amp; completed successfully AICTE Training And (ATAL) Academy Online Elementary FDP on "OUTCOME BASED CURRICULUM AND EXAMINATION REFORMS" from 25/10/2021 to 29/10/2021 at B.V.V.S.Polytechnic(autonomous), Bagalkot</p>	B.V.V.S.Polytechnic(autonomous), Bagalkot.	25/10/2021 to 29/10/2021
32	Neha Rai	<p>.participated &amp; completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Data Sciences" from 27/12/2021 to 31/12/2021 at Dr. Harisingh Gour Vishwavidyalaya Sagar M.P</p>	Dr. Harisingh Gour Vishwavidyalaya Sagar M.P.	27/12/2021 to 31/12/2021



33	Neha Rai	<p>participated in Faculty Development Program on “Advanced Software Engineering &amp; Project Management” from 03/01/2022 to 07/01/2022. The program was organized by Dr. D. Y. Patil Institute of Engineering, Management and Research Akurdi Pune, in association with Indian Society for Technical Education (ISTE).</p>	<p>Dr. D. Y. Patil Institute of Engineering, Management and Research Akurdi Pune</p>	<p>03/01/2022 to 07/01/2022</p>
34	Neha Rai	<p>5.completed one-week online Faculty Development Program on “Information Security: Issues and Challenges (ISIC-2021)” sponsored by ISEA-II and organized by Department of Computer Science &amp; Engineering, Motilal Nehru National Institute of Technology Allahabad, Prayagraj, Uttar Pradesh, India during December 18 - 22, 2021.</p>	<p>Motilal Nehru National Institute of Technology Allahabad, Prayagraj, Uttar Pradesh, India</p>	<p>December 18 - 22, 2021.</p>

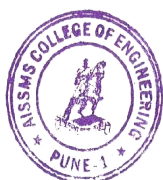


35	Neha Rai	6.has Participated in Five Days FDP on “Software Based Case Studies for Development of Multidisciplinary Projects” Organized by Department Of Computer Engineering under Faculty Development Cell, AISSMS College Of Engineering, Pune, Maharashtra From 22nd to 26th of November	AISSMS College Of Engineering, Pune	22nd to 26th of November
	Neha Rai	1. Webinar on “Discover Yourself”  2. Academy Online Elementary FDP on "Data Sciences"	AISSMSCOE  AICTE	7/12/2021  27-12-2021 to 31-12-2021
36	M. P. Deshmukh	Attended ATAL FDP on "Design Thinking: Aspirations for Innovations", organized by AISSMS coe ,Pune	AISSMS COE Pune	29-11-2021 to 03-12-2021



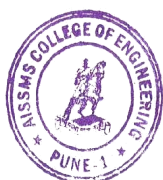


37	M. P. Deshmukh	Attended ATAL FDP on "Computer System Design", organized by IIT Tirupati	IIT Tirupati	03-01-2022 to 07-12-2022
38	M. P. Deshmukh	Attended Five days FDP on IPR organized by KSRM College of Engineering Kadapa Andhrapradesh.	KSRM College of Engineering Kadapa Andhrapradesh.	26-10-2021 to 30-10-2021
39	Mrs. Ritu S. Dudhmal	FDP on Intellectual Property Rights	K.S.R.M. College of Engg., Kadapa.	26 <sup>th</sup> - 30 <sup>th</sup> Oct 2021
40	Mrs. Ritu S. Dudhmal	FDP on "Software Based Case Studies for Development of Multidisciplinary Projects"	AISSMS-COE, Pune	22 <sup>nd</sup> -26 <sup>th</sup> Nov 2021
41	Mrs. Ritu S. Dudhmal	FDP on "Design Thinking: Aspirations for Innovations"	AICTE - ATAL	29 <sup>th</sup> Nov- 3 <sup>rd</sup> Dec 2021
42	Mrs. Ritu S. Dudhmal  Mrs. Ritu S. Dudhmal	FDP on Advanced SE&PM  FDP on "Quantum Computing for Real	DYPIET, Akurdi, Pune  AICTE, ATAL	3 <sup>rd</sup> – 7 <sup>th</sup> Jan 2022  17 <sup>th</sup> - 22 <sup>nd</sup> Jan 2022

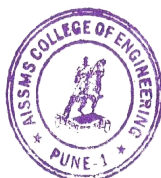


		World Applications”		
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Term Two				
S N	Name of Faculty	Title of the FDP/STTP	Organized by	Duration/ Dates
1	Dr M A Pradhan	Current Research Trends in Computer Engineering	D Y Patil Institute of Information Technology, Pune	One week 28/3/2022 to 1/4/2022
		Webinar Introduction to Lean Six Sigma & its importance for professional	AISSMSCOE	3/5/2022
	N R Talhar			
2	Dr.S F Sayyad	1)AICTE-ISTEOrientation / Refresher Program on “Outcome Based Pedagogic Principles Organized by GMB polytechnic, Rajula,	AICTE-ISTE	
	A S Deokar	One day faculty orientation program Computing and Laboratory Practice -	organised by KBGTCOE	2/2/2022
3	Dr.S V Athawale	AICTE-ISTEOrientation / Refresher Advances in engineering	AICTE-ISTE	1 week
4	V V Waykule	1)FDP on TE comp revised syllabus Cloud Computing	Amrutvahini College of Sangamner	11-02-2022



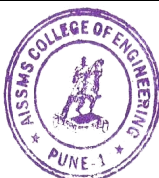
5	V V Waykule	2)One Day Faculty Development Program on "Data Science & Big Data Analytics"	IIIT,Pune	08-02-2022
6	V V Waykule	3)Refresher Course on AI and ML Applications,Challenges and Opportunities	PES'S Modern COE,Pune	9-02-2022to 15-02-2022
7	V V Waykule	4)Educator Training Certificate	Celonis,Edus kills	16-02-2022
8	V V Waykule	5)CC and LP-II Faculty Orientation Programme Cloud Computing	MVP's KBT COE,Nashik	02-02-2022
9	V V Waykule	6)STTP on PBL	AISSMS COE Pimpri	21-02-2022 to 26-02-2022
10	V V Waykule	7)FDP on Current Research Trends in Computer Engg	DYP IOT	28-03-2022 to 01-04-2022
11	V V Waykule	8)Introduction to Machine Learning	SIT, Lonavla	18-04-2022 to 22-04-2022
	Dr D M Ujalambkar	Faculty Orientation program on "Internet of Things"	organised by KK wagh	2/22/2022
12	R. S. Dudhmal	1) One week- ISTE approved Online/SF-STTP/FDP Programme on "Project Based Learning (PBL)".	AISSMS COE, Pune.	21.02.2022 to 26.02.2022



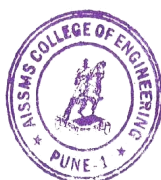
		2) Five days- ATAL FDP on "Faculty Development Program on "Data Science".	J C Bose University of Science & Technology, YMCA, Faridabad	21/02/2022 to 25/02/2022
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**SEMINARS/ WORKSHOPS/ WEBINARS ATTENDED BY THE DEPARTMENT  
FACULTY**

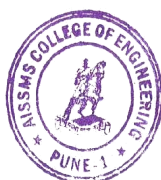
Term One				
S N	Name of Faculty	Title of the Seminar/Webinar	Organized By	Duration/ Dates
1	Dr. D P Gaikwad	Attended webinar on " Cloud automation "	Computer Dept.AISSMS COE PUNE	3rd June 2021
2	Dr. D P Gaikwad	2.Attended webinar organized by IUCEE on 5G Network Slicing”	Dr.Vishalakshi Prabhu, RV College of Engineering,dt, AIT PUNE	Sept 14 at 4:30 pm IST
3	Dr. D P Gaikwad	3.Attended webinar on "Real time systems using cloud heterogeneous system"	AISSMSCOE- Computer dept ISTE student chapter	7 Sept 2021



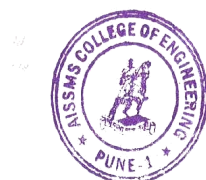
4	Dr. D P Gaikwad	4. Attended Webinar on occasion of International youth day on SEED- spirited ethics for empowerment and development.	Production department AISSMSCOE	12Aug 2021.
5	Dr. D P Gaikwad	5. Attended session on "Nuances of entrepreneurial cycle" organized by	AISSMS COE	Dt: 3rd June 21
6	Dr. D P Gaikwad	Attended and organized webinar on " Cloud automation "	AISSMS COE	Dt: 1st June 21
7	Dr. D P Gaikwad	Attended and organized webinar on " Be placement ready "	AISSMS COE	
8	Dr M A Pradhan	Introduction to Lean Six Sigma & its importance for professionals	IIC and TRIZ CHAPTER, AISSMS College of Engineering, Pune	5/3/2022
9	Dr S V Athawale	1. Attended webinar on "Cloud Technology"	Department of Computer Engineering, AISSMS College of Engineering, Pune	1 day (9th July, 2021)
10	Dr S V Athawale	2. Attended Two Days workshop on "Discover Yourself"	Department of Computer Engineering, AISSMS College of Engineering, Pune	6-7 Dec 2021
11	N R Talhar	1. Attended webinar on "Cloud	Department of Computer Engineering,	1 day



		<b>Technology”</b>	<b>AISSMS College of Engineering, Pune</b>	<b>(9th July, 2021)</b>
<b>12</b>	<b>N R Talhar</b>	<b>2. Attended Two Days workshop on “Discover Yourself”</b>	<b>Department of Computer Engineering, AISSMS College of Engineering, Pune</b>	<b>6-7 Dec 2021</b>
<b>13</b>	<b>M M Swami</b>	<b>Attended webinar on “Cloud Technology”</b>	<b>Department of Computer Engineering, AISSMS College of Engineering, Pune</b>	<b>1 day (9th July, 2021)</b>
<b>14</b>	<b>M M Swami</b>	<b>Attended Two Days workshop on “Discover Yourself”</b>	<b>Department of Computer Engineering, AISSMS College of Engineering, Pune</b>	<b>6-7 Dec 2021</b>
<b>15</b>	<b>S S Kolte</b>	<b>Attended webinar on “Cloud Technology”</b>	<b>Department of Computer Engineering, AISSMS College of Engineering, Pune</b>	<b>1 day (9th July, 2021)</b>

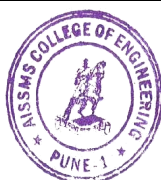


16	S S Kolte	Attended Two Days workshop on "Discover Yourself"	Department of Computer Engineering, AISSMS College of Engineering, Pune	6-7 Dec 2021
17	M M Phadtare	Attended webinar on "Cloud Technology"	Department of Computer Engineering, AISSMS College of Engineering, Pune	1 day (9th July, 2021)
18	S S Kolte	Attended Two Days workshop on "Discover Yourself"	Department of Computer Engineering, AISSMS College of Engineering, Pune	6-7 Dec 2021



19	Mrs. Ritu S. Dudhmal	1) Webinar on “Higher Education Overseas Opportunities and Placement”.	Department Of Computer Engineering, AISSMS- COE, Pune	1st Dec 2021
20	Mrs. Ritu S. Dudhmal	2) National level webinar on “Symbol of Knowledge- My constitution My Pride”	AISSMS-COE, Pune	8th Dec 2021
21	Mrs. Ritu S. Dudhmal	3) NPTEL E-Awareness workshop.	NPTEL, IIT Madras.	December 22, 2021
22	Mrs. Ritu S. Dudhmal	4) Webinar on “Higher Education Overseas Opportunities and Placement”.	AISSMS- COE, Pune	1st Dec 2021.

Term Two				
S N	Name of Faculty	Title of the Seminar/Webinar	Organized By	Duration/ Dates
1	V V Waykule	National Intellectual Property Awareness Mission	Intellectual Property Office, India	09-03-2022
2	R. S. Dudhmal	1) Webinar on “Talk, Play and Listen ! Co- Design Practices of Simulation Games	SHRI VAISHNAV VIDYAPEETH VISHWAVIDY	March 25, 2022



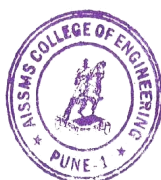


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**ONLINE COURSES / CERTIFICATE COURSES COMPLETED BY DEPARTMENT  
FACULTY**

<b>Term One</b>				
<b>S N</b>	<b>Name of Faculty</b>	<b>Title of the Course</b>	<b>Conducted By</b>	<b>Duration/ Dates</b>
1	Dr S F Sayyad	Introduction to Research 8 To	IIT Madras	8weeks (Aug to Oct 2021 )
2	Dr S F Sayyad	One week STTP on “predictive Analytics using AI”	AICTE NRI Institute of Technology, AP	4/1/2021 to 9/1/2021

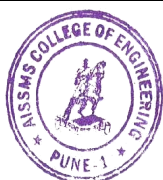
<b>Term Two</b>				
<b>S N</b>	<b>Name of Faculty</b>	<b>Title of the Course</b>	<b>Conducted By</b>	<b>Duration/ Dates</b>
1	R. S. Dudhmal	Blue Prism Training- Foundation and Associate Developer	Blue Prism University	5th- 15th April 2022
2	Dr S F Sayyad	NPTEL FDP “Data Science For Engineers”	IIT Madras	8 weeks (Jan to Mar 2022)



**EXTENSION LECTURES / WEBINARS (Lectures delivered on other than technical topics))**

<b>Term One</b>					
<b>S N</b>	<b>Name of faculty coordinator</b>	<b>Topic</b>	<b>Name and contact details of guest</b>	<b>Date</b>	<b>Number of beneficiarie s</b>
1	S S Kolte M M Swami R. S. Dudhmal	1) Webinar on "Introduction to IPR"	Dr. Shailaja Patil,  Chair- IEEE WIE Pune Section, Dean R&D and Professor,RSCOE , Pune.	13th Oct 2021	100

<b>Term Two</b>					
<b>S N</b>	<b>Name of faculty coordinator</b>	<b>Topic</b>	<b>Name and contact details of guest</b>	<b>Date</b>	<b>Number of beneficiarie s</b>
1	R. S. Dudhmal	1) 'WOMEN'S DAY PROGRAM	Dr. Sangita Gaikwad,  Director – Vedamrut Skylar Panchakarma Center, Pune.	8th March 2022	80
2		2) Webinar on, "STUDY ABROAD - OPPORTUNITIES IN UK"	Mr. Saurabh Navande, Regional Manager at university of	11th April 2022	100

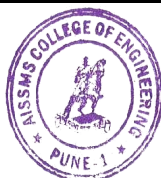


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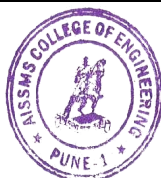


**FACULTY SERVED AS RESOURCE PERSON, EXPERT, CHAIRPERSON**

Term One				
S N	Name of Faculty	Title of Activity	Organizing body	Date
1	Dr. D P Gaikwad	1. Speaker of One Day Faculty Development Program on "Theory Of Computation"	Organized by the Department of Computer Engineering, Bharati Vidyapeeth's College Of Engineering, Lavale, Pune. In Association with SPPU, Pune	3rd August 2021.
2	Dr. D P Gaikwad	2.2.Delivered session in	AISSMS coe ,Pune	26/11/21

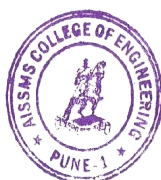


		FDP on 'Software based case studies for development of Multidisciplinary projects ', AISSMS coe ,Pune		
3	Dr Madhavi Pradhan	1)Five days Faculty development program on "Software based case studies for development of Multidisciplinary projects"  (Application of Machine Learning in Multidisciplinary Engineering Applications)	Department of Comp Engineering, Prof AISSMS COE	22/11/21
4	Dr Madhavi Pradhan	2)External panel member PhD Annual Progress seminar	MIT ADT University	28 Sept 2021
5	Dr Madhavi Pradhan	3)Expert for Faculty interview	MIT ADT University	28 Sept 2021
6	N R Talhar	Conducted FDP lecture for n teaching staff	Department of Comp Engineering in associ with Faculty develop cell , AISSMS COE	Two weeks 23 sep 2021 30 sep 2021
7	S S Kolte	Conducted FDP lecture for n	Department of Comp	Two weeks

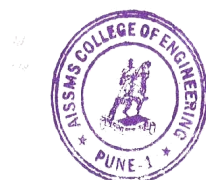


		teaching staff	Engineering in association with Faculty development cell , AISSMS COE	23 sep 2021 30 sep 2021
8	Dr S V Athawale	As Session CHAIR & Keynote speaker	ICRTC 21	30 June 2021
9	Dr S F Sayyad	Guest lecture at Dr D Y Patil SCOE	Dr D Y Patil SCOE	14 Dec 21

<b>Term Two</b>				
<b>S N</b>	<b>Name of Faculty</b>	<b>Title of Activity</b>	<b>Organizing body</b>	<b>Date</b>
1	Dr M A Pradhan	External panel member PhD Annual Progress seminar	MIT ADT University	3/3/2022

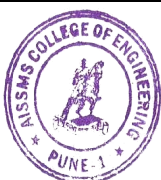


# ACTIVITIES ORGANIZED



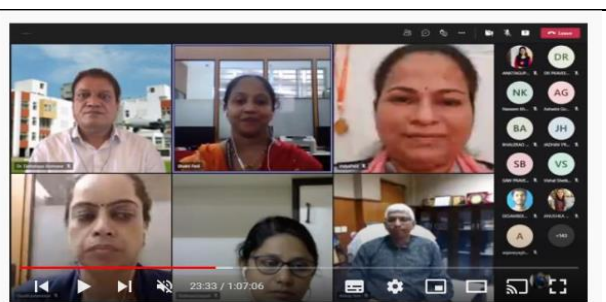
**FDP/STTP ORGANIZED BY THE DEPARTMENT**

<b>Term One</b>					
<b>S N</b>	<b>Name of Coordinator/s</b>	<b>Title of the FDP/STTP/WS/Semina r/Symposium</b>	<b>Duration / Dates</b>	<b>No. of Participa nts</b>	<b>Funding Agency (If any) and Amount (Rs.)</b>
1	Dr. S F Sayyad	ATAL FDP on "Design Thinking: Aspirations for Innovations" from	29/11/2021 to 03/12/2021	96	AICTE (Rs 93,000)
2	S.R.Nalamwar	FDP on "software Based Case Studies for development of	22-11-2021 26-11- 2022	55	AISSMS COE



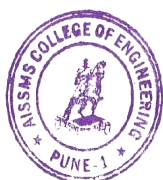
		multidisciplinary Projects			
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Term Two					
S N	Name of Coordinator/s	Title of the FDP/STTP/WS/Seminar/ Symposium	Duration / Dates	No. of Participa nts	Funding Agency (If any) and Amount (Rs.)
1	Dr S F Sayyad	Kalam Program for IP Literacy and awareness	28.6.22	108	AICTE KAPILA



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

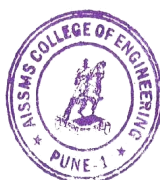
Term One					
S N	Name of Coordinator/s	Title of the Seminar/Webinar	Duration / Dates	No. of Participa nts	Funding Agency (If any) and Amount (Rs.)
1	Dr. D P Gaikwad	2.Organized one webinar on "Internship in Industrial"	20/08/20 21	90	NA





2.	1.S.S.kolte 2.M.M.Swami 3.M.M.Phadatar e	Webinar on  Cloud Automation Webinar on :”An Introduction to the Drone Ecosystem”		90	NA
3.	S. G. Dhengre	Webinar on Cloud Technology	Date: 09/07/20 21 Time: 3.00pm	60	NA
4.	Dr S V Athawale	Webinar on :” How to write patent in software”			
5	1 S.S.kolte 2.M.M.Swami 3. R. S. Dudhmal	1) Webnar on “Introduction to IPR”	13th Oct 2021	100	NA
6	Waykule V V	Conducted webinar on Python Django Developer	Date:18- 08-2021 Time:2:1 5PM	85	NA
7.	Waykule V V	2.Web Development	08-10- 2022 at 10:30AM	72	NA
8	Dr S F Sayyad	Webinar on Entrepreneurship as Career Choice	28/05/202 1	96	NA

**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.)
1.	R. S. Dudhmal	1) Webinar on, "STUDY ABROAD - OPPORTUNITIES IN UK"	11th April 2022	100	NA
2.	S S Kolte	Session on Entrepreneurship Development Phases IIC and Codigo madrid club session on 12th March 2022	12th March 2022	101	NA

**AISSMS**  
 DEPARTMENT OF COMPUTER ENGINEERING  
 IN ASSOCIATION WITH  
 CODIGO MADRID CLUB &  
 IEI CHAPTER COMPUTER DEPARTMENT  
 Is Organizing a Seminar on  
**"STUDY ABROAD-  
 OPPORTUNITIES IN UK"**

**VENUE:**  
CITP SEMINAR HALL

**Guest Speaker**  
**Mr. SAURABH NAVANDE**  
 University of Wales Trinity Saint David- India Region Manager,  
 National Youth AWARDEE, UNITED Nations- SDG4, Quality Education

**11 APRIL 2022** 10:00 AM  
 Live Seminar

**Student Co-ordinator**  
 Bhaskar Soman  
 Kabiraj Bhatre

**Faculty Co-ordinator**  
 Mrs. R. S. Dudhmal

**Convener**  
 Dr. D. P. Galkwad  
 Head, Computer Engineering Dept.

**Regards**  
 Dr. D. S. Bormane  
 Principal, AISSMS College Of Engineering

AISSMS\_COE

**AISSMS**  
 ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY  
 Computer Engineering Department  
 Invites You For a Workshop On  
**"Spring Web Services"**

**Date:** 14/05/2021  
**Time:** 9:00 AM  
**Mode:** Online

**Kunal Shukla**  
 Software Development Specialist

**Regards**  
 Dr.D.P.Galkwad  
 HOD  
 Computer Engineering Dept

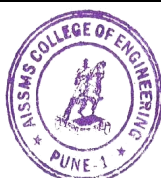
**Dr. M. A. Pradhan**  
 Mrs. A. M. Jagtap  
 Mrs. S. S. Jadhav  
 Mrs. Neha Rai  
 Faculty Coordinator

**Dr.D.S.Bormane**  
 Principal  
 Institute Name

**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 Participants	Funding Agency (If any) and Amount (Rs.)
-	-	-	-	-	-

Term Two					
S N	Name of Coordinator/s	Title of the Conference / Symposium	Duration / Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)
1	D M Ujlambkar	NCIET	20th May	60	-

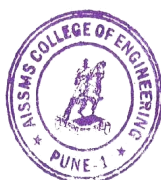


**EXTENSION ACTIVITIES CONDUCTED BY THE DEPARTMENT (Social/ Quizzes at national/international level/any other activity)**

<b>Term One</b>				
<b>S N</b>	<b>Name of Faculty Coordinator</b>	<b>Details of activity conducted</b>	<b>Date</b>	<b>Number of beneficiaries</b>
<b>Term Two</b>				
<b>S N</b>	<b>Name of Faculty Coordinator</b>	<b>Details of activity conducted</b>	<b>Date</b>	<b>Number of beneficiaries</b>
1	R. S. Dudhmal	1) 'WOMEN'S DAY PROGRAM	8th March 2022	80
2	S R Nalamwar	Social Visit to Balkalyan,Pune	25 March 2022	50

**MOU SIGNED WITH ACADEMIC AND PROFESSIONAL ORGANISATIONS**

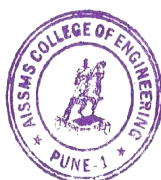
<b>Term One</b>				
<b>Sr. No.</b>	<b>Faculty Coordinator</b>	<b>Name of Organisation</b>	<b>Date of MoU Signed</b>	<b>Valid upto 00/00/0000</b>
1	Dr. D P Gaikwad	MeLayer	26/12/21	26/12/21
2	A J Kadam	Acceature	12/7/21	12/7/26
3	Dr.S F Sayyad	Audaz Pvt Ltd	22/9/21	21/9/24



4	A S Deokar	The Code Culture	28/12/21	27/12/21
5	S R Nalamwar	Sumago Infotech Pvt Ltd, Nashik	13/04/2022	13/04/2023
6	V V Waykule	Elites Software	20/12/2021	20/12/2024
7	Dr. D M Ujlambkar	MOU Signed with "World Vision IT Infotech"	9/10/2021	8/10/2024
8	S J Pachouly	Elites Software	20/12/2021	20/12/2024
9	M M Swami	Paradise telecom pvt ltd	7/04/22	7/04/25
10	S S Kolte	MOU Signed with "Appystack Pvt Ltd "	30/12/2021	30/12/2024
11	M M Phadatare	MOU signed with "Talent Pro Tech"	3/10/2021	3/10/2024
12	Mrs. Neha	MoU Signed with "Bag2Bag"	21/12/21	21/12/22
13	Mrs. Ritu S. Dudhmal	1) MoU signed with "VEDA EDU Consultant", Pune	24/11/2021	24/11/2022

**Term Two**

<b>Sr. No.</b>	<b>Faculty Coordinator</b>	<b>Name of Organisation</b>	<b>Date of MoU Signed</b>	<b>Valid upto 00/00/0000</b>
<b>1.</b>	Mrs. Ritu S. Dudhmal	<b>2) MoU Signed with "Brilliance Infotech"</b>	<b>2/02/2022</b>	<b>2/02/2025</b>





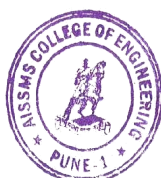
### STUDENTS' CHAPTERS /CLUBS

S. No	Name of Students' Chapter	Number of Student Members
1.	Código Madrid Club	30

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

Name of Students' Chapter: Código Madrid Club

Term One				
SN	Event name and details of event	Name of chief guest, judges etc.	Duration and Dates	Number of beneficiaries
1.	Código Madrid Club has conducted an online 4-day Hands-on workshop		19th May – 22nd May, 2021 at	



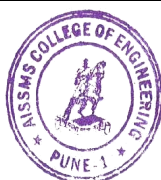
on 'CPP Programming' for the First Year Engineering Department in collaboration with IEI Students' Chapter from 19th May – 22nd May, 2021 at 3:30pm.	3:30pm	
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Term Two				
SN	Event name and details of event	Name of chief guest, judges etc.	Duration and Dates	Number of beneficiaries
1	Código Madrid Club successfully organised an online session on 'Cyber Crime101' in collaboration with the Developer Students' Club and Anti Cyber Crime Society on 23rd January, 2021 at 4 pm.		23rd January, 2021 at 4 pm.	

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

Term One			
Faculty coordinator	Name of Activity	Date, Duration	Number of students involved
Mr. S. G. Dhengre	Shivaji Jayanti 2022 under NSS and UBA	18th Feb 2021	25
S R Nalamwar	Social Visit to Balkalyan, Pune	25 March 2022	50

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



Mrs. Ritu S. Dudhmal	Women's Day program	8th March 2022	50



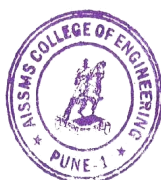
### PARENT MEETING

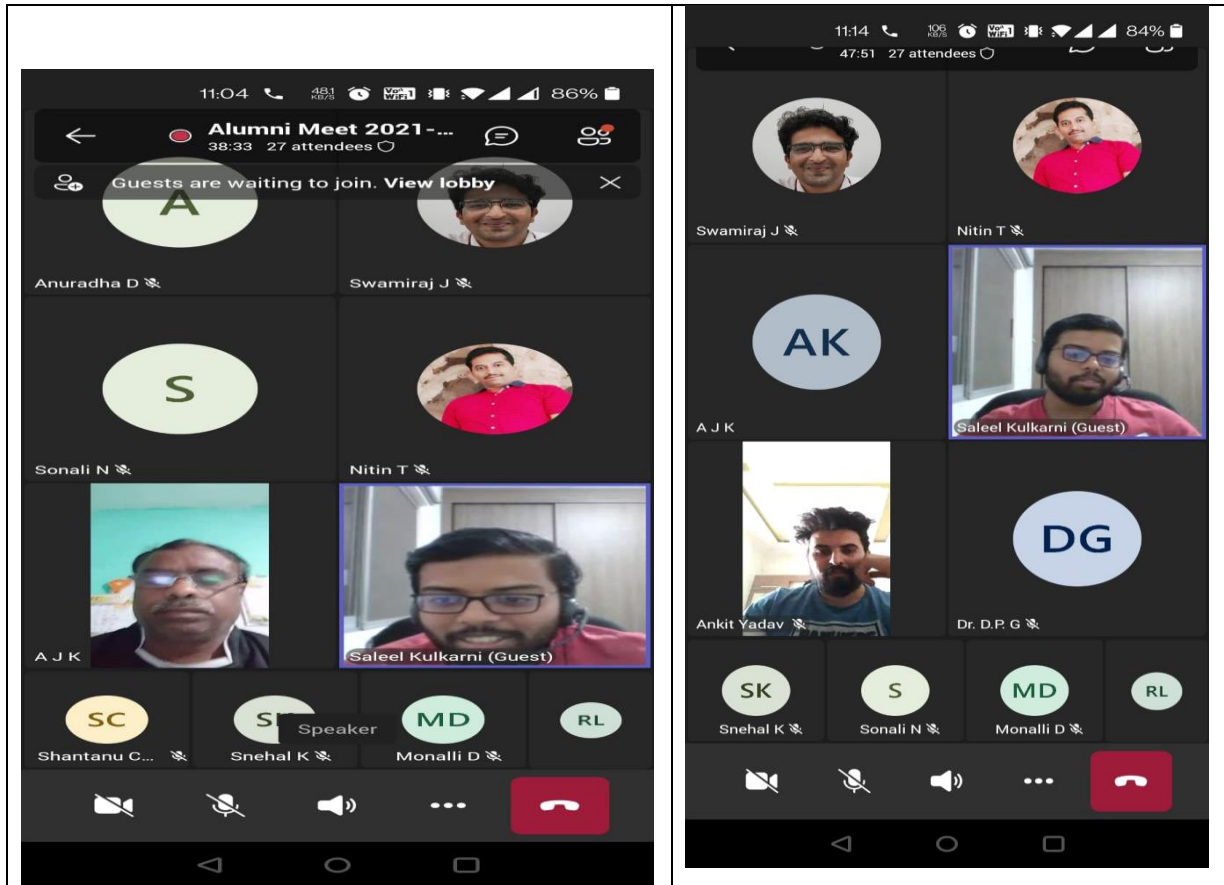
Faculty Coordinator	Day and Date	Details of Parent meetings organised	Number of Parents attended
A S Deokar	6/3/2022	Online	100



### ALUMNI MEET

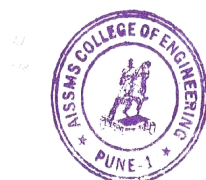
Faculty Coordinator	Day and Date	Details of Alumni meetings organised	Number of Alumni attended
A S Deokar	6/3/2022	Online	20





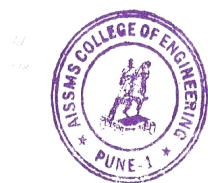
**DETAILS OF STUDENT COUNSELING AND CAREER GUIDANCE AT THE DEPARTMENT LEVEL**

<b>Number of students referred for counseling</b>	458
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# RESEARCH CONTRIBUTION



## FUNDED RESEARCH PROJECT

Term One				
S N	Principal Investigator	Title of the Project	Amount Received (Rs)	Funding Agency
1	NO DATA			

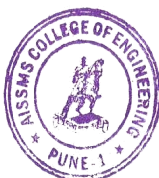
Term Two				
S N	Principal Investigator	Title of the Project	Amount Received (Rs)	Funding Agency
1	NO DATA			

## 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.)

## PATENTS, COPYRIGHT, TRADEMARK AND OTHER (IPR)



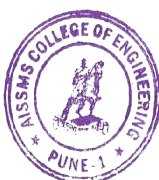
Term One				
Sr No.	Name of Faculty	Name of the Patent	Patent Number and Date	Type (National/International/Commercialized)
1	Dr Shashikant V. athawale	Robotics device for shortest path identification in hospital	353914--001 29/11/2021	National
2.	R. S. Dudhmal	Computer Vision and NLP based intelligent Sign Board detection and Recognition System.	202121048154 A 22/10/2021	National

Term Two				
Sr No.	Name of Faculty	Name of the Patent	Patent Number and Date	Type (National/International/Commercialized)
1.	R. S. Dudhmal	System and method for Image Processing GMI	29/12/2022	National
2	Dr S F Sayyad	A METHOD AND SYSTEM FOR SAVING WATER USING WATER LEVEL INDICATOR AND SMART LIMITER	2021106694 17 November 2021,	International

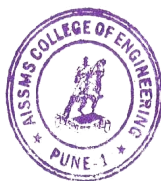
## PUBLICATIONS

### PAPERS PUBLISHED/ PRESENTED IN PROCEEDINGS OF CONFERENCES

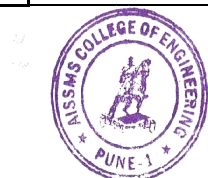
Term One						
S.	Authors	Document Details	Year	Conference	ISBN	Organised



No				Details		by
1	Dr. D P Gaikwad	1.Parkinson Detection using Image Convolutional Neural Network and Transfer Learning.		Journal of network Security CN	e- ISSN:2 581- 639x	
2	Dr. D P Gaikwad	2.User-Level Sentiment analysis technique in one go on social Network and E-Commerce		JETIR	ISSN- 2349- 5162	
3	Dr. D P Gaikwad	3.Detection of Malaria in blood using Deep Learning.		Solid state Technolog y		
4	Dr M A Pradhan	1.Prediction of Chronic Kidney Disease Using		TheInternatio journal of analytical and	IS 0886- 9367	

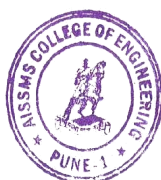


	<p>Convolutional Neural Network (1557-1563)</p> <p>2.Fact check using multinomial Naive Bayes (813-823)</p> <p>3.Review Paper on Prediction of Chronic Kidney Disease Using</p>	<p>experimental modal analysis</p> <p>Smart Computing Techniques and Applications.</p> <p>Smart Innovation, Systems and Technologies Springer</p> <p>The Internatio journal of analytical</p>	<p>ISSN 2190-3018</p> <p>IS 08 86-9367</p>	
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		Convolutional Neural Net (1670-16742)		experimen modal  analysis		
5	S R Nalamwar	Deep Learning approach to Diagnosis of Covid- 19 through Pneumonia Prognosis		Deep Learning approach to Diagnosis of Covid-19 through Pneumonia Prognosis		

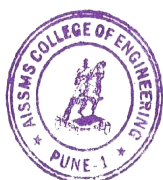
Term Two						
S. No	Authors	Document Details	Year	Conference Details	ISBN	Organised by
1	S.S.Kolte	Disk comparison to achieve a load- balanced solution in Azure cloud systems	2022	NCIET		AISSMSCO E
2	M M Swami	1. CONTRIBUTION OF MPLS	2022	NCIET		AISSMSCO E



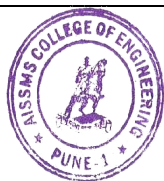
		<p>TRAFFIC ENGINEERING IN THROUGHPUT ENHANCEMENT</p> <p>2. IMPLEMENTAT ION -Surplus resources to Private</p>	2022	IEEE conference		IOIT
--	--	--	------	--------------------	--	------

#### PAPERS PUBLISHED IN JOURNALS

Term One						
S. No	Authors	Document Details	Year	Source Details	ISBN/ ISSN	Publisher
1	Dr Madhavi Pradhan	Prediction of Chron Disease Using Convolutional Neu	2021	UGC _ CARE Approved	ISSN NO 0886- 9367	



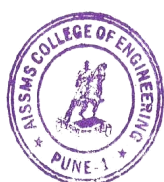
		Network 1557-1563)		group II ISO 7021:2008 Certified Journal		
2	S. G. Dhengre	PERSONALITY PREDICTION BASED ON SOCIAL MEDIA USER BEHAVIOR	July 2021	INTERNATIO NAL JOURNAL FOR RESEARCH & DEVELOPME NT IN TECHNOLO GY	ISSN (O) :- 2349- 3585	IJRHDT
3	Dr S V Athawale	Support Vector Regression for Mobile Target Localization in Indoor Environments	Mrac h 2021	MDPI Sensors	1424- 8220	MDPI Sensors
4	V V Wayukule	Plant Leaf Disease Detection using Inception Resnet V2 -CNN	2021	IJARST	2581- 5425	
5	Dr S F Sayyad	Study on Corrosion Properties of	2021	Design Engineering	0011- 9342	Scopus





		Epoxy Polymer Composite Coating for Marine Application				
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Term Two						
S. No	Authors	Document Details	Year	Source Details	ISBN/ISSN	Publisher
1	Dr S F Sayyad	A Comparative Study of the Performance Appraisal Systems of India's Public and Private Sector Banks	January - March, 2022	Asian Journal of Organic & Medicinal Chemistry	Online : 2456-8937	Asian Journal of Organic & Medicinal Chemistry
2	M M Swami	1.The Movie Recommendation on System using Content Based Filtering with TF-IDF-Vectorization and Levenshtein Distance	May 2022	IJARST, VOLUME 2, ISSUE 2	2581-9429	



**RESEARCH CITATIONS (Source of Data: Google scholar) (As on 30<sup>th</sup> June)**

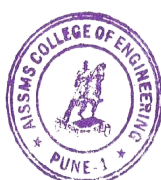
Name of faculty	Citations	Name of faculty	Citations
Dr. D P Gaikwad	385	Dr S V Athawale	37
S. G. Dhengre	25	Waykule V V	67

**Total Citations of Department: 514****ME AWARDED**

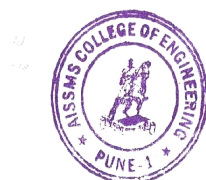
Sr No	Name of Supervisor	Title of Thesis	Name of Candidate
1	Dr Madhavi Pradhan	Prediction of Chronic Kidney Disease Using Convolutional NeuralNetwork	Nishanthi K
2	Dr S F Sayyad	Stock Exchange Pattern Prediction using Artificial Neural Networks	Pranav Dabhade

**PhD GUIDE DETAILS**

Name of Faculty who are PhD Supervisor	Number of Scholars Registered
Dr Madhavi Pradhan	03
Dr Shabnam Sayyad	03



# INTERACTION WITH INDUSTRY



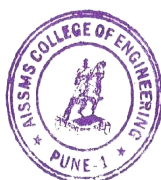
## EXPERT LECTURES DELIVERED BY INDUSTRY EXPERTS

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

Term Two					
Sr. No.	Faculty Coordinator	Class (Number of students attended)	Name, Industry, designation and contact details of Expert	Topic	Date
1	Dr S F Sayyad	TE 64	Shrenik Kucheriya	Latest Trends in Web Technology	28/02/22

## MOU SIGNED WITH INDUSTRY

Term One				
Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto (00/00/0000)
1	Dr D M Ujalambkar	World Vision IT Infotech	9/10/2021	8/10/2024



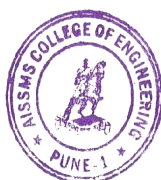
2	S.S.kolte	APPYSYACK pvt ltd	15/07/2021	15/07/2024
3	Dr S F Sayyad	Audaz pvt ltd	22/9/2021	21/9/2024
4	Waykule V V	Elite Softwares	20/12/2021	20/12/2024

<b>Term Two</b>				
<b>Sr. No.</b>	<b>Faculty Coordinator</b>	<b>Name of Industry</b>	<b>Date of MoU Signed</b>	<b>Valid upto (00/00/0000)</b>

### **FACULTY MEMBERS UNDERGONE INDUSTRIAL TRAINING**

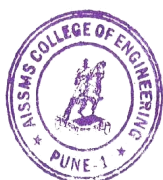
<b>Term One</b>			
<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Name of Industry</b>	<b>Dates and Duration</b>

<b>Term Two</b>			
<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Name of Industry</b>	<b>Dates and Duration</b>

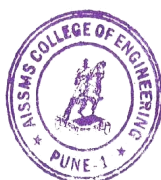


**STUDENTS UNDERGONE IN-PLANT TRAINING AND (OR) INTERNSHIP**

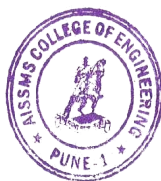
Term One & Two						
Sr. No.	Name of the Student	Name of the Industry	Class	Training duration		
				Start date	Last date	Duration (days)
1	Kothawade Rushikesh Kishor	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
2	Patil Krishnakant Sanjay	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
3	ADMUTHE MITALI MANISH	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
4	SUNNY ALEX	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
5	ARVIND SUDARSHAN	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
6	BHOSALE ATHARVA ABHAY	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days



7	CHATANE SHREE ATUL	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
8	DABIR AISHWARYA SHARAD	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
9	DANDGE SHRIKANT ASHOK	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
10	DEOKAR HRISHIKESH MARUTI	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
11	DEVKATE KARAN KRISHNATH	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
12	DHOTE SAMIKSHA TILAKCHAND	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
13	DHUMAL PRAJAKTA DADABHAU	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
14	GADKARI GAURAV SUDHIR	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days

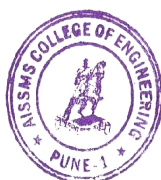


15	GAIDHANI PRAJWAL ASHOK	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
16	GAIKWAD UDAY VIJAYSINH	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
17	GHADGE INDRAJEET SUBHASH	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
18	HATEKAR AISHWARYA TANAJI	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
19	JADHAV KIRTI PRADIP	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
20	JAGTAP HRUTVIK SHAHAJI	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
21	KALASKAR ROHAN RAJENDRA	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
22	KAWALE ANUSHKA ANIL	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
23	MEHER SWANAND GURUNATH	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days

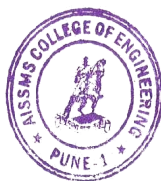




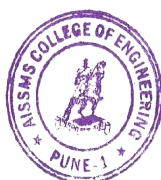
24	NIKAM RITESH SANJEEVAN	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
25	PAWAR ATHARVA SAMADHAN	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
26	PAWAR SHRUTI CHANDRAKANT	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
27	PRIYANSHU SHARMA	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
28	ROHAN DAYAL	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
29	SHAIKH ZAKI AHMED KHALID	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
30	SHARMA GUNJAN LAXMINARAYAN	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
31	VEDANT KISHOR SURYAWANSHI	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
32	TILEKAR VIRAJ VAIBHAV	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
33	WAGH MAHANT	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days



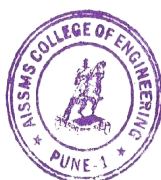
	ISHWAR			1		
34	YADNIK ABHILASH VIJAY	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
35	ZOPE SHUBHAM MOHAN	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
36	KHANDELWAL HARSH PRAMOD	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
37	KHEDKAR PRATIKSHA BALASAHEB	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
38	KAMBLE PRATIK MAHENDRA	Elite softwares	TE-I	15/12/2021	30/01/2022	45 Days
39	CHAUHAN AMOGH	Lets grow more	TE-I	1/2/22	28/2/22	1 month
40	BADVE SHRIDHAN SANJAY	Vidharbha Infotech pvt Ltd	TE-I	10/11/21	10/1/22	2 months
41	SINGH BHANU PRATAP	EXposys data Labs	TE-I	17/12/21	16 /1/22	1 month
42	BHILARE KSHITIJ	Beyond Corporation	TE-I	7/1/22	8/2/22	1 month



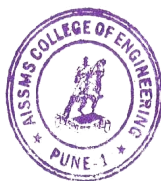
	SHASHIKANT					
43	DESHPANDE SUDHANSHU SUBODH	Cosmic Skills	TE-I	10/01/22	11/3/22	2 months
44	AASHAY SACHIN BHUIBAL	Asiana Times	TE-I	05/01/22	05/03/22	2 months
45	TIWARI HARSH	Let's grow more	TE-I	1/2/22	28/2/22	1 months
46	EKSAMBEKAR YASH SAGAR	ADmyBRAND	TE-I	05/01/22	5/4/2022	3 months
47	GADGE SAHIL NIVRUTTI	Sparks Foundation	TE-I	01/01/22	01/02/2022	1 month
48	JAGTAP OMKAR DATTATRAY	Let's Grow More	TE-I	1/3/22	1/4/22	1 Month
49	JAGTAP PRATIK VINOD	Let's Grow More	TE-I	1/2/22	1/3/22	1 month
50	JAGTAP SHREYA ATUL	Let's Grow More	TE-I	1/2/22	1/3/22	1 month
51	JAMBHULKAR TUSHAR RAJU	Humans of Rural India	TE-I	03/01/22	01/03/22	2 Months



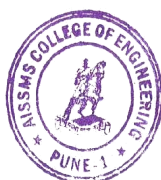
52	KARMAN SINGH SETHI	Davi Engineering Bhosari	TE-I	28/12/2021	29/2/2022	45 days
53	KHADTARE ANURAG VIJAY	Let grow more VIP	TE-I	1/2/2022	28/2/2022	28 days
54	SARODE MOHIT SUNIL	Let grow more VIP	TE-I	1/2/2022	28/2/2022	28 days
55	PANCH LAXMI MUKUND	Let grow more VIP	TE-I	1/2/2022	28/2/2022	28 days
56	MULIK ABHISHEK SANJAY	Usd services	TE-I	15/ 11/21	20/01/22	2 month
57	PINGALE PRATIK BAJIRAO	Convin	TE-I	20/9/2021	20/3/2022	6 months
58	RAUT ATHARVA HEMANT	SmartKnower Pvt Ltd	TE-I	1/3/2022	1/7/2022	4 months



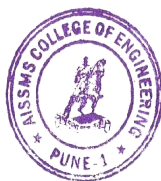
59	SAGNIK ROY	Humans of Rural India	TE-I	3/1/2022	3/4/2022	3 months
60	SYED SABA MUSTAFA	Humans of Rural India	TE-I	3/1/2022	3/4/2022	3 months
61	AHIRE SEJAL KISHOR	Sparks Foundation	TE-II	1 Feb 2022	28 Feb 2022	28 Days
62	ANUSHKA ASHOK JOSHI	AZURE Skynet Solution pvt ltd	TE-II	14th Jan 2022	13th March 2022	3 months
63	ARYAN DINESH KHETARPAL	Exposys Data Lab	TE-II	25 Dec 2021	25 Jan 2021	30 days
64	BANGALI ADITYA PRASHANT (EWS)	Lets grow more	TE-II	1st jan 2022	30 Jan 2022	30 days
65	BHAGDE VAISHNAVI RAJESH	Lets grow more	TE-II	1st jan 2022	30 Jan 2022	30 days
66	BHALERAO ADITYA AVINASH	MESOTEK TECHNOLOGIES PVT LTD	TE-II	10th Dec 2021	10 Jan 2022	1 months
67	BHOSALE RUCHA SURESH	Trimurti Engineering works	TE-II	15 Jan 2022	15 April 2022	3 months
68	BIRAJDAR AMIT KASHINATH	Meal Arts	TE-II	25 Dec 2021	30th Jan 2022	30 days
69	CHAITANYA RAJENDRA SHIMPI	TCR Innovation	TE-II	27.01.2022	27.3.2022	2 Months
70	CHAKANKAR TEJAS VAIBHAV (EWS)	Beat the virus startup	TE-II	5.9.2021	5.11.2021	2 months
71	CHOUDHARY VEDANT MANOJ	Let's grow more	TE-II	1.1.2022	30.1.2022	1 month



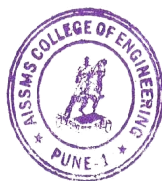
72	DISHA RAJESH RATHOD	LETS GROW MORE	TE-II	1.3.2021	30.4.2021	2months
73	EDIGA LALIT KUMAR	STEP-NITK	TE-II	22.11.2021	24.12.2021	1 month
74	GADE CHHAYA NANDU	MRND Pvt.Ltd	TE-II	4 oct.2021	10 Jan 2022	3months
75	GANDHI SAHIL PRASHANT (EWS)	Elite softwares	TE-II	20/08/201	15/10/2021	1 month
76	GARGHATE NINAD BHARAT	Vidarbh Infotech Pvt.Ltd.	TE-II	10 Nov 2021	10 Jan 2022	2 months
77	GHODEKAR NETRA YASHWANT	TCR Innovation	TE-II	5 Aug 2021	4 Oct	1month
78	GIDWANI SAGAR RAJESH	kasnet Technologies	TE-II	22 Jan 2022	27 Feb 2022	1 mont
79	GIRI SHIVAM NAVNATH	skillApp	TE-II	23/10/2021	21/11/2021	
80	GUPTA TANUJ VIJAY	Sankalp Designers	TE-II	3 July2021	29 sept. 2021	2 month
81	Kundan khandare	MealArts	TE-II	17-12-21	18-1-22	1 month
82	JADHAV PRANAV HARI	EMVOKE TECHNOLOGIES PVT LTD	TE-II	01/09/2021	28/02/2022	6 months
83	JOSHI PARTH PRAVIN	Braincells Ltd.	TE-II	03/01/2022	01/03/2022	2 months
84	KADAM ADITYA RAJESH	YBIF	TE-II	02/01/22	01/03/22	2 months
85	KHAIRE GAURAV GOKUL	forage	TE-II	17-12-21	18-1-22	1 month



86	Abhinav Kulkarni	LGM	TE-II	01/02/2022	28/02/2002	1 month
87	Isha Agrawal	AIIESEC	TE-II	01/02/2022	3/2/2022	1 year
88	Bhushan Mahajan	vidhyarthi mitra	TE-II	01/09/21	29/2/2022	6 months
89	sanket shinde	Always Sahi pvt Ltd	TE-II	1/3/2021	28/2/2022	1 year
90	LABADE SRUSHTI RAJESH	TCR Innovation Technical Coding Research	TE-II	04/01/22	04/03/22	2 months
91	LABADE SRUSHTI RAJESH	TCR Innovation Technical Coding Research	TE-II	04/01/22	04/03/22	2 months
92	Janhavi Pise	Link code Technologies Pvt Ltd	TE-II	17/01/2021	17/02/2021	1 month
93	Shruti Thorat	Let's grow More	TE-II	01/02/2022	28/02/2022	1 month
94	Shaikh Adil	The Entrepreneurship Network	TE-II	15/8/2021	15/11/2021	3 months
95	Akshay padwal	Nayantara Packaging Pvt Ltd	TE-II	25/12/2021	25/01/2022	1 month
96	MORE TANMAY ARVIND	LetsGrowMore	TE-II	1/11/2021	1/12/2021	30 days
97	ONKAR ANIL MIRAJKAR	Walrus Pay , LetsGrowMore	TE-II	26 July 2021, 1 Nov 2021	25 Aug 2021, 01 Dec 2021	60 days
98	OSWAL HARSH RAJESH	Go Informative, Tychas Infotech	TE-II	07 July 2021, 15 Oct 2021	12 Oct 2021, 15 Dec 2021	180 days

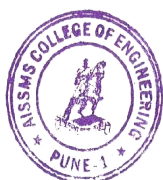


99	PATIL AISHWARYA ASHOK (EWS)	FirstEigen (Databuck)	TE-II	27/12/2021	10/2/2022	45
100	PINGALKAR VENKATESH SUNIL	Let's Grow More	TE-II	1 Jan 2022	31st jan 2022	30
101	PRATIK DADASAHEB NAWALE	The Entrepreneurship Network	TE-II	15/07/21	15/10/21	90
102	RATHOD PRANAV BANDU	Vidharbha Infotech	TE-II	10 Nov 2021	10/1/2022	60
103	SAMEEDHA MORE	Space ECE, Pune	TE-II	1st Jan	31st Jan 2022	31
104	SANIYA BHALLA	Bristlecone Pune	TE-II	10 Nov 2021	25th Jan 2022	76
105	SARNAIK SAHIL MADHAV	LetsGrowMore	TE-II	1 sept 2021	1 Oct 2021	30
106	SAW PRAVEENKUMAR BHUVANESHWAR	The Spark Foundation(Singa pore)	TE-II	01/12/2021	01/01/2022	31
105	SHAH CHIRAG RAHUL	Hawkscode, Easy Shiksha	TE-II	20/12/2021	18/01/2022	28
106	SHAIKH SADIYA ABDUL RAJAK	LetsGrowMore	TE-II	1Feb 2022	4 March 2022	30
107	SHASHANK VINOD ZANZAD	Fouses Business Solutions	TE-II	28/10/2021	09/12/2021	42
108	SHEGAR DIPTI SUNIL	Olcademy, new delhi, delhi	TE-II	09/09/2021	09/12/2021	90
109	SHINDE TEJAS SHIVAJI	Silicon Insiights Solution, Coimbatore, Tamil Nadu, India	TE-II	23/08/2021	22/10/2021	60

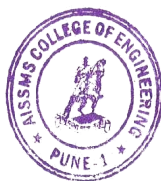




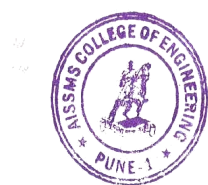
110	SHINKAR TEJAS NITIN	LetsGrowMore	TE-II	01/01/22	30/01/22	30
111	SOMAN BHASKAR DHAVAL	MealArts, LetsGrowMore	TE-II	1 Nov ,. 25 dec	31 Nov	30
112	SONAWANE SAMRUDDHI RAMDAS	Elite softwares	TE-II	20/08/201	15/10/2021	30
113	SURYAWANSHI RUSHIKESH BHATU	LetsGrowMore	TE-II	01/11/21	1/12/21	30
114	TANDULWADKAR ADITYA SUNIL	LetsGrowMore	TE-II	28/01/22		30
115	TELTUMBADE SHRUTI RAMESH	LetsGrowMore	TE-II	01/01/22		30
116	WADKAR DEVANSHI PANKAJ (EWS)	VERZEO	TE-II	01/08/21	30/9/21	30
117	WAGHADHARE SHREYASH PRASAD	Elite softwares	TE-II	20/08/201	15/10/2021	30
118	ZIMAL SUDARSHAN ANANDA	Hawkscode Easyshiksha	TE-II	15th Dec	13th Jan	30



119	WAICHAL SRUSHTI NIRANJAN	P K Technoworld	TE-II	27/1/2022	28/2/2022	30
120	SHAH DIPESH	Let's GrowMore	TE-II	1st September	1st October	30
121	AKASH CHAUDHARY	Elite Techno Groups	TE-II	18th August	29th September	45
122	AWAIT SAIFALI	TCR Innovation	TE-II	27/1/2022	27/03/2022	60
123	BHAGADE SWAROOPA DHANANJAY	TCR Innovation	TE-II	27/1/2022	27/03/2022	60
124	BHOSALE AADARSH AVINASH	TCR Innovation	TE-II	27/1/2022	27/03/2022	60
125	LIGADE POOJA SAHAJI	TCR Innovation	TE-II	27/1/2022	27/03/2022	60



# STUDENTS ACHIEVEMENTS



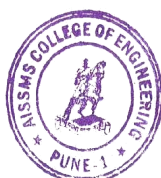
**STUDENTS' ACHIEVMENT (Professional) (Individual Level) (Technical activities such as design competitions, paper presentation, technical quiz, Product development, innovation, etc.)**

<b>Term One</b>		
<b>Name of Student</b>	<b>Details of Achievement (State/University/ National/International Level)</b>	<b>Remark (Domain)</b>
<b>Faizan Riyaz Mulla (BE COMPUTER B)</b>	<b>INTERNATIONAL LEVEL</b>	<b>IEEE Research Paper Presentation at 10th International ICET CONFERENCE</b>

<b>Term Two</b>		
<b>Name of Student</b>	<b>Details of Achievement (State/University/ National/International Level)</b>	<b>Remark (Domain)</b>
<b>Shivani Bhalsakle</b>	<b>INTERNATIONAL LEVEL</b>	<b>IEEE Research Paper Presentation at 4th IEEE ESCI-2022; Paper published in IEEE Xplore</b>

**NUMBER OF STUDENTS PLACED**

<b>Term One And Two</b>		
<b>Sr No</b>	<b>Name of Organization visited</b>	<b>Number of students Placed</b>
<b>1</b>	<b>Tata Consultancy Services</b>	<b>12</b>



2	Jio Platform	13
3	Datamatica Solutions	10
4	Blazclaim	05
5	L&T Infotech	11
6	Hexaware Technologies	05
7	Capgemini	13
8	Winjit Technologies	01
9	Hitachi Vantara	01
10	Acty System Pvt. Ltd.	01
11	Zensar	10
12	Birlasoft	3
13	Tech Mahindra	01
14	Wipro	01

**Total : 87**

Lower Package Offered:

Higher package Offered: 45LPA

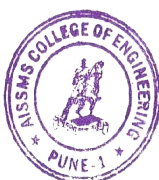
Average Package Offered:

#### NUMBER OF STUDENTS QUALIFIED IN THE EXAMINATIONS

GATE	GRE	UPSC	MPSC	Any other reputed examination for Higher studies (TOFEL, etc.)
3	4	-	-	4

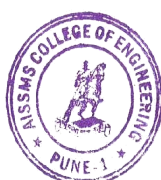
#### STUDENTS' ACHIEVEMENTS (Team Level)

First Half			
Name of Event	Name of Faculty Advisor	Details of Achievement (State/University/ National/International Level)	Remark (Domain)

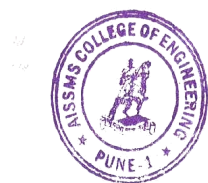


'How to deploy web applications'		Codigo Madrid Club conducted an online 2-day Hands-on workshop on 'How to deploy web applications' for the students of the Computer Department on 21st August and 22nd August, 2021 at 2pm.	
'Cyber Crime101'		Código Madrid Club successfully organised an online session on 'Cyber Crime101' in collaboration with the Developer Students' Club and Anti Cyber Crime Society on 23rd January, 2021 at 4 pm.	

<b>Term Two</b>			
<b>Name of Event</b>	<b>Name of Faculty Advisor</b>	<b>Details of Achievement (State/University/ National/International Level)</b>	<b>Remark (Domain)</b>



# SUMMARY AND SWOC ANALYSIS



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

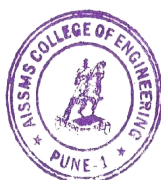
Sr. No.	Details
<b>1.</b>	<b>RESEARCH CENTER</b>

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

FACULTY	ACTIVITY

**FEEDBACK FROM STAKEHOLDERS**

Sr No	Stake holder	Number of Feedbacks Received	Overall Feedback
1	Alumni	6	Good
2	Parents	60	Good





## TWO BEST PRACTICES FOLLOWED IN THE DEPARTMENT

**One faculty One Industry**

**Faculty presentation to update/transfer the knowledge**

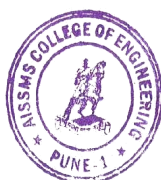
## SWOC ANALYSIS

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

<b>Strengths</b>	1	<b>Student and faculty publications.</b>
	2	<b>Placement of students in industries.</b>
	3	<b>Active Participation of students in Students Chapters and clubs</b>
	4	<b>Almost pursuing number of Ph.D</b>

<b>Weaknesses</b>	1	<b>Funded projects.</b>
	2	<b>Consultancy.</b>

<b>Opportunities</b>	1	<b>Undertake Artificial Intelligence and Deep learning related projects.</b>
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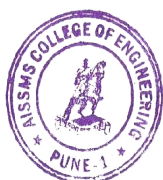


	2	<b>Start Centre of Excellence and increase number of Research Oriented Projects.</b>
	3	<b>Increase internship and organize STTP programme for students.</b>
	4	<b>Establish collaborations with reputed Institutes.</b>
	5	<b>Research center</b>

<b>Challenges</b>	1	<b>Funds from different Government and Non-Government agencies.</b>
	2	<b>Increase the number of consultancies.</b>
	3	<b>Increase the number of complete patents.</b>

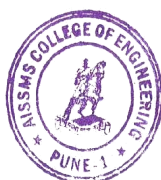
**FUTURE PLANS OF THE DEPARTMENT (For Next Academic Year)**

<b>1</b>	<b>To get a six year accreditation from NBA.</b>
<b>2</b>	<b>To increase placement package of students in core companies</b>
<b>3</b>	<b>To collaborate departments with different industries.</b>

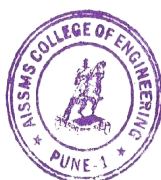


### SUMMARY SHEET (Annual)

Sr No	Activity/ Item	Numbers
<b>PROFILE OF DEPARTMENT</b>		
01	Students in the department	458
<b>FACULTY CONTRIBUTION</b>		
02	e content developed by faculty and available online	24
03	Number of FDP/STTP attended by the department faculty	60
04	Number of Seminars/ workshops/ webinars attended by the department faculty	24
05	Number of Conferences/ symposiums attended by the department faculty	-
06	Number of Online courses / certificate courses completed by department faculty	4
07	Number of extension lectures / webinars (Lectures delivered on other than technical topics))	3
08	Number of Faculty served as resource person, expert, chairperson	10
<b>ACTIVITIES ORGANISED</b>		
09	Number of FDP/STTP organized by the department	3
10	Number of Seminars/ workshops/ webinars organized by the department (for faculty)	10
11	Number of Conferences/ symposiums organized by the department (for faculty)	1



12	Number of Extension activities conducted by the department (Social/ Quizzes at national/international level/any other activity)	2
13	MOU signed with academic and professional organizations	02
14	Number of Students' chapters /clubs	5
15	Number of Social activities organized	3
16	Number of Parent meeting	1
17	Number of Alumni meet	1
18	Number of student counseling and career guidance at the department level	458
<b>RESEARCH CONTRIBUTION</b>		
19	Number of Funded research project	-
20	Number of Testing and consultancy	-
21	Number of Patents, copyright, trademark and other (IPR)	4
22	Number of Papers published/ presented in proceedings of conferences	7
23	Number of Papers published in journals	7
24	Number of Book/ article publications	-
25	Total Research citations	514
26	Number of ME awarded	4
27	Number of PhD AWARDED	-
<b>INTERACTION WITH INDUSTRY</b>		

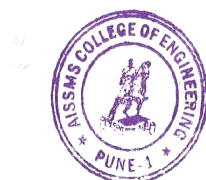


28	Number of Industrial visits organised	-
29	Number of Expert lectures delivered by industry experts	1
30	Number of Industry –sponsored projects (UG/PG)	-
31	Number of MOU signed with industry	13
32	Number of Faculty members undergone industrial training	-
33	Number of Students undergone in-plant training and (or) internship programme	125
34	Number of students placed	87
35	Number of students qualified in the examinations	11

### **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.

**Name and Signature  
Head of Department**



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



**AISSMS**  
**COLLEGE OF ENGINEERING**  
ज्ञानम् सकलजनहिताय  
Accredited by NAAC with "A+" Grade



**Internal Quality Assurance Cell**

**DEPARTMENT OF ELECTRICAL ENGINEERING**

**ANNUAL REPORT**

**(15 JUNE 2021 to 14 June 2022)**

**Academic Year 2021 – 22**

**TERM ONE: 15 June to 30 November**

**TERM TWO: 01 December to 14 June**

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# **1. PROFILE OF DEPARTMENT**

## 1.1 INTRODUCTION

Year of Establishment	1992
UG Programmes	BE Electrical
PG Programmes	ME Electrical (Power Electronics and Drives)
Number of Teaching Staff	13
Number of Non-Teaching Staff	07

## 1.2 LABORATORIES IN THE DEPARTMENT

Name of Laboratory	
1.Applied Electronics	2.Computer Center
3.Electrical Measurement, Instrumentation & Control	4.Electrical Machines
5.High Voltage Engineering	6.Power Electronics & Drives
7.Power Systems	8.Project/M E Hardware
9.Core	

## 1.3 SOFTWARES AVAILABLE IN THE DEPARTMENT

Software Available	
1.Matlab	2.ETAP
3.Turbo C	4.Mipower

## 1.4 FACULTY IN THE DEPARTMENT

Name of faculty	Designation
1.Dr Mrs A A Godbole	Professor
2.Dr.Mrs M H Dhend	Assistant Professor
3.Mr S K Biradar	Assistant Professor
4.Dr Mrs A AApte	Assistant Professor
5.Dr L.S.Godse	Assistant Professor
6.Mrs.S.R.Lengade	Assistant Professor
7.Mr. V.S.Ponkshe	Assistant Professor
8.Mrs.P.Sankala	Assistant Professor
9.Mrs V N Tarange	Assistant Professor
10.Mr C.D.Kulkarni	Assistant Professor
11.Mr R S Shinde	Assistant Professor
12.Mrs SreerekhaVadi	Assistant Professor
13.Mrs.S.S.Mujawar	Assistant Professor

## 1.5 DETAILS OF SUPPORTING STAFF

Name of non-teaching staff	Designation
1. Mr. V S Dhobe	Electrician/(Lab Asst.)
2. Mr. G D Dongare	Lab Assistant
3. Mr P. B Shinde	Lab Assistant
4. Mr.S. M. Divate	Lab Assistant
5. Mr. H J Balkawade	Lab Attendant
6. Mr D M Patil	Lab Attendant
7. Mr S S Sameer	Lab Attendant

## 1.6 STUDENTS' ENROLLMENT

Program	GEN		SC		ST		OBC		PWD		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
UG (Elect)	59	22	28	18	7	6	47	16			6	33	207	95
PG (PECD)	3	1	0	1	0	0	0	1	0	0	0	1	3	4

## 1.7 STUDENTS-FACULTY FEEDBACK DETAILS

Term One					
Sr. No.	Name of faculty	Class and Subject taught	Feedback (I) (%)	Feedback (II) (%)	Average Feedback (%)
1	Dr Mrs A A Godbole	CS II	86	86	86
2	Dr.Mrs M H Dhend	MS	75	86	81
3	Mr S K Biradar	CS II	80	80	80
		NA		96	96
		EHV	79	73	76
4	Dr Mrs A AApte	AMCA	91	89	90
		PE	91	86	89
5	Dr L.S.Godse	PQ	83	83	83
6	Mrs.S.R.Lengade	EMI	92	96	94
7	Mr.V.S.Ponkshe	PSOC	88	86	87
8	Mrs.P.Sankala	PE	90	92	91
9	Mrs V N Tarange	ADE	88	92	90
		EMI		89	89
10	Mr.C.D.Kulkarni	PLC & SCADA	84	84	84
11	Mr R S Shinde	EM-I	92	89	91
		EIDCBM	96	93	94

12	MrsSreerekhaVadi	<b>EIDCBM</b>	<b>94</b>	<b>91</b>	<b>92</b>
		<b>PGT</b>	<b>88</b>	<b>92</b>	<b>90</b>

Term Two					
Sr. No.	Name of faculty	Class and Subject taught	Feedback (I) (%)	Feedback (II) (%)	Average Feedback (%)
1	Dr Mrs A A Godbole	<b>FMA</b>	<b>82</b>	<b>86</b>	<b>84</b>
2	Dr.Mrs M H Dhend	<b>HVE</b>	<b>84</b>	<b>89</b>	<b>87</b>
3	Mr S K Biradar	<b>NA</b>	<b>84</b>	<b>86</b>	<b>85</b>
4	Dr Mrs A AApte	<b>AMC</b>	<b>89</b>	<b>90</b>	<b>90</b>
5	Mr.L.S.Godse	<b>ET</b>	<b>83</b>	<b>85</b>	<b>84</b>
6	Mrs.S.R.Lengade	<b>EAM</b>	<b>96</b>	<b>92</b>	<b>94</b>
7	Mr.V.S.Ponkshe	<b>PS II</b>	<b>91</b>	<b>92</b>	<b>92</b>
8	Mrs.P.Sankala	<b>PECD</b>	<b>89</b>	<b>91</b>	<b>90</b>
9	Mrs V N Tarange	<b>SGP</b>	<b>87</b>	<b>91</b>	<b>89</b>
10	Mr.C.D.Kulkarni	<b>MC-I</b>	<b>79</b>	<b>77</b>	<b>78</b>
		<b>CADEM</b>	<b>83</b>	<b>85</b>	<b>84</b>
11	Mr R S Shinde	<b>SG</b>	<b>88</b>	<b>92</b>	<b>90</b>
		<b>PS I</b>	<b>86</b>	<b>93</b>	<b>90</b>
12	MrsSreerekhaVadi	<b>NMCP</b>	<b>90</b>	<b>94</b>	<b>92</b>
13	MrsS.S.Mujawar	<b>EM</b>	<b>87</b>	<b>92</b>	<b>90</b>
		<b>CADEM</b>	<b>89</b>	<b>90</b>	<b>90</b>

## 1.8 RESULT ANALYSIS

Term One					
Name of faculty	Class and Subject Taught	% passing	Name of faculty	Class and Subject Taught	% passing
Mrs. S VADI	<b>SE-PGT</b>	<b>100</b>	Mr. N Shekapure	<b>TE-ITM</b>	<b>100</b>
Dr. M H Dhend	<b>SE-MS</b>	<b>100</b>	Mrs. Sankala P	<b>TE-PE</b>	<b>100</b>
Mrs. V N Tarange	<b>SE-ADE</b>	<b>100</b>	Mr. R S Shinde	<b>TE-EM</b>	<b>100</b>
Mrs. S R Lengade	<b>SE-EM&amp;I</b>	<b>100</b>	Mrs. S Vadi	<b>TE-EIDCBM</b>	<b>100</b>
Mr. S P Surase	<b>SE-EM-III</b>	<b>100</b>	Dr. AApte	<b>TE-AMES</b>	<b>100</b>
Mr. V S Ponkshe	<b>BE-PSOC</b>	<b>100</b>			
Mr. C D Kulkarni	<b>BE-PLC</b>	<b>100</b>			
Dr. L S Godse	<b>BE-PQ</b>	<b>100</b>			
Mr. S K Biradar	<b>BE-EHV</b>	<b>100</b>			
Dr. A A Godbole	<b>BE-CS-II</b>	<b>100</b>			

Term Two					
Name of faculty	Class and Subject Taught	% passing	Name of faculty	Class and Subject Taught	% passing
Mr. R S Shinde	SE-PS-I	54	Mrs. S SMujawar	TE-EM	88.09
Mr. C D Kulkarni	SE-EM-I	59	Dr. A AApte	TE-CSE	73.80
Mrs. S Vadi	SE-NMCP	67	Mrs. S SMujawar	TE-CADEM	76.19
Dr. A A Godbole	SE-FMA	53	Mr. V S Ponkshe	TE-PS-II	63.09
Mr. S K Biradar	SE-NA	42			
Mrs. V N Tarange	BE- SGP	97.4			
Mr. P K Sankala	BE-PECD	93.5			
Dr. M H Dhend	BE-HV	96.1			
Mr. R S Shinde	BE-SG	100			
Dr. A AApte	BE-Project	100			

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

Term One												
S N	Cla ss	Number of Students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1 - 9)	Very Good (A) (7.1 - 8)	Good (B+) (6.1 - 7)	Above Average (B) (5.1 - 6)	Average / pass class (4 - 5)	Fail (F) 0 - 3.99	All Clear	With ATKT
1	SE	78	52	23	24	5	..	..	..	..	67	100
2	TE	86	72	65	5	1	1	..	..	..	83.72	100
3	BE	77	77	77	..	..	..	..	..	..	100	100

Term Two												
S N	Cla ss	Number of Students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1 - 9)	Very Good (A) (7.1 - 8)	Good (B+) (6.1 - 7)	Above Average (B) (5.1 - 6)	Average / pass class (4 - 5)	Fail (F) 0 - 3.99	All Clear	With ATKT
1	SE	77	28	15	12	1	..	..	..	..	36.36	100
2	TE	84	48	46	2	..	..	..	..	..	57.14	100
3	BE	77	77	65	6	..	..	..	6	..	100	..

**Term Two Final Result for BE Classes (Based on CGPA)**

S N	Cla ss	Number of Students									Percentag e of Passing	
		Appe ared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1 – 9)	Very Good (A) (7.1 – 8)	Good (B+) (6.1 – 7)	Above Average (B) (5.1 – 6)	Average / pass class (4 – 5 )	Fail (F) 0 – 3.99	All Clear	With ATK T
1	BE	77	77	65	6	..	..	..	6	..	100	

# **2. FACULTY CONTRIBUTION**



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

Term Two		
SN	Name of Faculty	Awards & Recognition
1	Dr L.S.Godse	Ph.D. awarded on 17 May 2022

## 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. M. H. Dhend	1) Working in IEEE Smart Grid international education committee 2) Working in IEEE Smart City international education committee 3) Working as a National level cluster committee members of IUCEE in outcome based education 4) Working as a National level cluster committee members of IUCEE in teaching and learning 5) Working as a National level cluster committee members of IUCEE in project based learning 6) Conducting various programmes, speeches, webinars on variety of topics for teachers/students/common people training
2	Dr.A.A.Apte	1. Delivered Expert Lecture at PVG's COET on Proteus software for Microcontroller on 1 Dec. 2021

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 A. A Godbole	1) Nomination on R&R Committee of SPPU
2	Dr. M. H. Dhend	1) Working in IEEE Smart Grid international education committee 2) Working in IEEE Smart City international education committee 3) Working as a National level cluster committee members of IUCEE in outcome based education 4) Working as a National level cluster committee members of IUCEE in teaching and learning 5) Working as a National level cluster committee members of IUCEE in project based learning 6) Working as an organizing committee member of IUCEE National mini symposium on effective teaching and learning 7) Conducting various programmes, speeches, webinars on variety

		of topics for teachers/students/common people training
3	Dr.A.A.Apte	1)Delivered Expert lecture at Vikhe Patil COE Ahmednagar on Motor for Electric Vehicle on18 Jan 2022

### 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
01	Dr. Mangal Dhend	Several topics	Self YouTube Channel	
02	Dr.A.A.Apte	Arduino Simulations get it done by students and uploaded	YouTube channel of College	<a href="https://www.youtube.com/watch?v=UYE_1b7EjMs&amp;t=1s">https://www.youtube.com/watch?v=UYE_1b7EjMs&amp;t=1s</a>

Term Two				
Sr No.	Name of Faculty	Title of e-content	e-content development facility/platform	link of the content
01	Dr. Mangal Dhend	Several topics	Self YouTube Channel	

## 2.4 FDP/STTP ATTENDED BY THE DEPARTMENT FACULTY

Term One				
S N	Name of Faculty	Title of the FDP/STTP	Organized by	Duration/ Dates
1	Dr. A A Godbole	Innovative & Inventive Problem Solving	Dept. of Production Engineering, AISSMS COE, Pune	29 June 2021 to 4 July 2021
		Artificial Intelligence of Electrical Engineering	Dept. of Electrical Engg. RIT Rajaram Nagar RIT-IEEE	4Oct. 2021 to 8Oct. 2021
2	Dr. M. H. Dhend	One-week STTP on "Online Pedagogy" (ICT087)"	NITTTR, Calcutta	28 June-2 July 2021
		AICTE Training and Learning Academy (ATAL) One week FDP on "Inculcating Creativity: Tools for Effective Thinking"	NIFT, Hyderabad	7-11 July 2021
		AICTE Training and Learning Academy (ATAL) One-week FDP on "Leveraging Design Thinking for Innovation"	International Management Institute Kolkata,	12-16 July 2021
		AICTE Training and Learning Academy (ATAL) One-week FDP on Harnessing Potential of Online Learning in Higher Education	Indira Gandhi national Open University, Delhi (IGNOU).	2-6 August 2021
		AICTE FDP on universal human values	AICTE	25-29 October 2021
		International Ethics Course	IUCEE	8 weeks course 18 November-6 January (Every Thursday) 8 sessions, 6.00-8.30pm
3	Dr.A.A.Apte	AICTE quality improvement AQIS STTP on Innovative and Inventive Problem solving	Production Dept. AISSMS	6 days, 6/7/2021 to 11/7/2021

			COE Pune	
		AICTE ATAL FDP Quality Attributes for the Strategic Improvement of Faculty Productivity	Sri Venkateshwarra College of Pharmacy	5 days , 3/8/2021 to 7/8/2021
		AICTE ATAL FDP FDP Recent Trends on Energy and Power	Vellore Institute of Technology Chennai	5 Days 6/9/2021 to 9/9/2021
4	Prof. L S Godse	Goal Setting & Manifesting Success	IHANGAM Techno Holistic Organization	24 July 2021
		Advanced Application of Artificial Intel and Machine Learning	Sinhgad COE, Pune	22. Nov.2021 to 2 Dec. 2021
5	Prof. S R Lengade	Counseling for Student Development	National Institute of Technical Teachers Training and Research.	13 Sept. 2021 to 17 Sept 2021

			CHENNAI	
		Innovative & Inventive Problem Solving	Dept. of Production Engg. AISSMSCO E Pune	13 July 2021 to 18 July 2021
		One Week Virtual workshop on Personality Development	Nagpur Institute of Technology, Nagpur, Maharashtra.	18/08/2021 - 25/08/2021
6	Prof V.S. Ponshe	Augmented Reality & Virtual Reality Systems AISS	AISSMS COE Pune	5 Days 21 to 25 June 2021
		New & Emerging Technology in Electrical Engineering	Ansys Software	28 June - 02 July 2021
		Innovative & Inventive Problem Solving	Production Dept AISSMS	5 days 29 June - 04 July 2021
		Emerging Trends in Electric Vehicles and Infrastructure Development	RIT Islampur	6 days 12 to 17 July 2021
		Smart Grid and Sustainable Energy Management in Virtual Power Plant	BYJU	6 days 26 to 31 July 2021
		Recent Trends in Renewable Energy	KR Mangalam University	5 days 02 to 06 August 2021
		AI applications in Electrical Engineering	RIT Islampur	5 days 04 to 08 October 2021
		Power System Analysis	NPTEL	12 week Course
		FDP on Advanced Concepts of Outcomes-Based Education	Inpods	25-11-2021
		IEEE Entrepreneurship Bootcamp	IEEE Bombay Section in association with Sandip	05/07/2021 - 10/07/2021

			Institute of Technology and Research Centre Nashik	
		Online National Level Short Term Training Program, On OUTCOMES BASED TEACHING ASSESSMENTS & EVALUATION	NBN Sinhgad School of Engineering Pune and Inpods.	02/08/2021 - 04/08/2021
7	Prof. P Sankala	Innovative & Inventive Problem Solving	Dept. of Production Engg. AISSMSCO E Pune	One week 13 July 2021 to 18 July 2021
		AICTE ATAL FDP FDP Recent Trends on Energy and Power	Vellore Institute of Technology Chennai	5 Days 6/9/2021 to 9/9/2021
		One Week Virtual workshop on Personality Development	Nagpur Institute of Technology, Nagpur, Maharashtra	18/08/2021 - 25/08/2021
		Resource person for the subject Power Electronics	Dr. D.Y. Patil Institute of Technology Pimpri, Pune 18	10-08-2021
		Personality Development	NSDF	23/07/2021

8	Prof. V N Tarange	Innovative & Inventive Problem Solving	Dept. of Production Engg. AISSMSCO E Pune	13 July 2021 to 18 July 2021
		Harnessing Potential of Online Learning in Higher Education	Indira Gandhi National Open University	2 Aug 2021 to 8 Aug. 2021
		Recent trends in Energy & Power System	School of Electrical Engg. Vellore and Institute of Technology VIT Chennai	6 Sept 2021 to 9 Sept.2021
		Latest Trends and Challenges in Electrical Vehicle Technology and Battery Management System	AICTE & UGC. JawaharlalNehru Technological university Hyderabad	04/10/2021 - 12/10/2021
		Innovation in Technology Adoption & Development of High Precision	AISSMS COE Pune	18/07/2021
		On line-FDP of ATAL-Framework for online Assessment	National Institute of Technical Teachers' Training & Research	16/08/2021 - 20/08/2021
		9	R.S.Shinde	Attended Online Faculty Development Program in association with AICTE on New & Emerging Technology Organized by ARK Infosolutions Pvt. Ltd.
Attended webinar on "OBE -In Pursuit of Academic excellence -IV organized by karpagam academy of higher education on 8/7/21.	karpagam academy			8/7/21.

		Attended Webinar on "Entrepreneurship and Atmanirbhar Bharat for StartUp India" by Department of E&TC, AISSMS College of Engineering, Pune on 07/07/21.	Department of E&TC, AISSMS College of Engineering, Pune	07/07/21
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		Completed ATAL FDP on "Role of Renewable Energy Sources in Power System" from 2021-07-05 to 2021-07-09 at Government Engineering College, Patan.	Government Engineering College, Patan.	2021-07-05 to 2021-07-09
		ATAL FDP, on "Challenges and Control of Green and Sustainable Energy System using Artificial Intelligence Techniques" from 9 <sup>th</sup> august to 13 August 2021.	ATAL FDP	9 <sup>th</sup> August to 13 August 2021.
		Attended SDP on "Software tools in Electrical Engineering" by presidency university Bangalore.		
		Attending Faculty development programme on "RENEWABLE ENERGY FOR INDUSTRIAL & DOMESTIC APPLICATIONS" - during 06th - 10th September 2021, JNTUACEP	JNTUACEP	06th - 10th September 2021,
		Attended webinar on 'Unraveling the tips for a successful start up' by Electrical Engineering Department on 11 Oct 2021	Electrical Engineering Department AISSMS COE	11 Oct 2021
		Attended Online Expert Lecture on Energy Conservation, Efficiency & Sustainability organized by School of Renewable Energy & Efficiency, NIT Kurukshetra in association with Bureau of Energy Efficiency, New & Renewable Energy Deptt. & Haryana Renewable Energy Development Agency held from 13th- 17th December 2021 at NIT Kurukshetra.	NIT Kurukshetra	13th- 17th December 2021
10	Sreerekha Vadi	FDP on "Role of materials in electric vehicles"	AICTE ATAL College of Eng	1 week (7-11 June 2021)
		FDP on "Recent trends in power system operation and control"	AICTE ATAL College of Eng	1 Week(12-16 J
		FDP on "Research innovations and eme	AICTE ATAL	1 Week(14-19 J

		advances in electrical engineering”	Government C Engineering	
		FDP on “Microgrid an opportunity :Ele vehicles and renewable energy sources”	EeshwariEngg	1 week(05-07 Ju
		Webinar on “Benefits and opportunities students chapter during pandemic”	AICTE ATAL Dayalbagh Edu Institute Agra	12 June 21
		Webinar on “Advantages of true 3 phas transformer turns ratio measurement”	Shri Sant Gaja Maharaj Colleg Engineering Sh	21 June 21
		Webinar on “OBE-In pursuit of academ excellence II”	MEGGER IND	24 June 21
		Webinar on “Project management and b practices”	IIC,MIT,Auran	26 June 2021
11	S.S.Mujawar	System Design Using Vivado Design Suite and Zynq-7000 SoC	MIT Academy of Engineering, Pune	One week
		Electric vehicles Technologies	Government college of Engineering, Bhuj	One week
		Emerging technological challenges in Electric Vehicle	Annapoorna Engineering College	One week
		Electric vehicle technology: Challenges and business opportunity	National Small Industries Corporation	One week
		Research Funding projects and IPR	KC COE and management, Thane	Three

<b>S N</b>	<b>Name of Faculty</b>	<b>Title of the FDP/STTP</b>	<b>Organized by</b>	<b>Duration/ Dates</b>
1	Dr. A A Godbole	Advanced control and sensor technology for smart grid with renewable energy integration	MCOE	17/01/2022 - 21/01/2022
		Battery energy storage system and its management	Trinity COE	20/01/2022- 25/01/2022
2	Dr A AApte	Advanced control and sensor technology for smart grid with renewable energy integration	MCOE	17/01/2022 - 21/01/2022
		Battery energy storage system and its management	Trinity COE	20/01/2022- 25/01/2022
		One Week Online STTP/ Refresher Program on Project Based Learning	AISSMS COE Pune	21/02/2022 - 26/02/2022
3	M. H. Dhend	AICTE UHV Refresher programme - Part I	AICTE	7-11 February 2022
		Faulty Development Programme -On Outcome base Education and NBA Perspective	Govindrao Wanjari College of Engineering And Technology Nagpur	02/03/2022 - 04/03/2022
		One Week Online STTP/ Refresher Program on Project Based Learning	AISSMS COE Pune	21/02/2022 - 26/02/2022
4	Prof. L S. Godse	Nanotechnology Application in Mecha Engineering	Muffakhan Jah Collegeof Engineering and Technology Hyderabad, Telangana	10.12.2021 to 16.12.2021
5	Prof V.S. Ponkshe	One Week online STTP/Refresher Program on Project Based Learning	AISSMS COE Pune	21/02/2022 - 26/02/2022
6	Prof. P Sankala	One Week Faculty Development Program on Morden Trends in Energy System	AISSMS COE Pune	07/02/2022 - 11/02/2022
7	Prof. V N Tarange	One Week Faculty Development Program on Morden Trends in Energy System	AISSMS COE Pune	07/02/2022 - 11/02/2022

		Green energy generation for sustainable development	Rajiv Gandhi College of Engineering, Research & Technology, Chandrapur	15/01/2022 - 21/01/2022
8	R.S.Shinde	One Week Online STTP/ Refresher Program on Project Based Learning	AISSMS COE Pune	21/02/2022 - 26/02/2022
		One Week Faculty Development Program on Morden Trends in Energy System	AISSMS COE Pune	07/02/2022 - 11/02/2022
9	SreerekhaVadi	One Week Faculty Development Program on Morden Trends in Energy System	AISSMS COE Pune	07/02/2022 - 11/02/2022
10	S.S.Mujawar	One Week Faculty Development Program on Morden Trends in Energy System	AISSMS COE Pune	07/02/2022 - 11/02/2022

## 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. A A Godbole	Embedded System-An Application Driven Approach	India Council Technical Education (AICTE) ATAL Academy	25. Aug.2021 to 27 Aug. 2021
		TE Electrical Syllabus Revision	Dept. of Electrical Engg. AISSMS COE, Pune	2 June 2021
2	Dr.A.A.Apte	ASPIRE-ICAT and MathWorks:	Mathworks	1.30hr. 7/9/2021
		TE Electrical Revised Syllabus 2019	Dr. D Y Patil Institute of Technology Pimpri, Pune	9 Aug. 2021 to 11 Aug. 2021
		Electric Vehicle : Modeling and Simulation from Architecture to Development	ASPIRE-ICAT AND Mathworks India	8 Oct. 2021 14 Sept.2021 15 Sept. 2021

3	Prof. S R Lengade	Role of IPR in Startups	Dept. of Electrical Engg. AISSMS COE, Pune	30 June 2021
		Personality Development	Dept. of Information Technology Nagpur	18 Aug.2021 to 25 Aug. 2021
4	Prof V.S. Ponshe	HVDC & FACTS Technology	K KWagh COE Nashik	26 June 2021
		Innovation & Entrepreneurship	MIT Aurangabad	08 November 2021
		OBE - Academic Excellence	Karpagam Academy TN	24 June 2021
		Smart Grid Technology	Industry Institute Forum	13 June 2021
5	Prof. P Sankala	Personality Development	Dept. of Information Technology Nagpur	18 Aug.2021 to 25 Aug. 2021
		Power Electronics	SPPU Board of Studies Electrical Engineering and Dept. of Electrical Engg. Dr. D Y Patil Institute of Technology, Pimpri	9 Aug. 2021 to 11 Aug. 2021
6	Prof. V N Tarange	Examination performance workshop	AICTE	
7	Prof S. S. Mujawar	Cloud Automation	Computer Department, AISSMSCOE	
		Digital Resources Essential for Faculty & Student-Centered Learning in the New Normal- IEEE's Perspective	EBSCO Information Services	
		Developing entrepreneurship personalities	AISSMS COE	
		Orientation session on NEP	AISSMS COE	

**2.6 CONFERENCES/ SYMPOSIUMS ATTENDED BY THE DEPARTMENT FACULTY**

Term One				
S N	Name of Faculty	Title of the Conference / Symposium	Organized By	Duration/ Dates
1	M. H. Dhend	International PBL mini symposium	IUCEE	9-10 October

Term Two				
S N	Name of Faculty	Title of the Conference / Symposium	Organized By	Duration/ Dates
1	M. H. Dhend	International conference ICTIEE 2022	IUCEE	7-9 January 2022

**2.7 ONLINE COURSES / CERTIFICATE COURSES COMPLETED BY DEPARTMENT FACULTY**

Term One				
S N	Name of Faculty	Title of the Course	Conducted By	Duration/ Dates
1	C.D.Kulkarni	Electric Vehicles and Renewable Energy	IIT Madras	12 Weeks
2	S.S.Mujawar	Electric Vehicles and Renewable Energy	IIT Madras	12 Weeks
3	M. H. Dhend	Attended 21 Days Mega Master Course on the "Science behind the Art of Manifestation" by ShreansDaga	Pyramid Spiritual Societies Global Academy and Pyramid Valley International	4-24 September, Time: 5:00 pm to 7:00 pm IST
		International Ethics Course	IUCEE	8 weeks course  18

				November-6 January (Every Thursday) 8 sessions, 6.00-8.30pm
		International engineering educator's certification programme in engineering pedagogy, IIEECP	IUCEE	5Months, 17 December 2021 onwards

Term Two				
S N	Name of Faculty	Title of the Course	Conducted By	Duration/ Dates
1	M. H. Dhend	International engineering educator's certification programme in engineering pedagogy, IIEECP	IUCEE	5 Months, 17 December 2021 onwards

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

Term One					
S N	Name of faculty coordinator	Topic	Name and contact details of guest	Date	Number of beneficiari es
1	Dr. M. H. Dhend	<b>One month value added course</b> (Student development certificate course) Exploring new horizons: a	Planned, Designed, Organized an conducted Dr. M. H. Dhend	23 September - 30 October 2021	around 35

		Pathway to success			
		Institute Innovation council Impact Series (4 sessions)	Dr. Isharat, Dr. Gururaj	4 & 14 October	More than 200 students and teachers
		National Webinar series on developing leadership skills for enhancing personal and organizational outcome	organized by Sharad institute of Technology, Ichalkaranji in association with NGO Vihangam techno holistic organization founded by M. H. Dhend	22 Nov and 27 Nov. 2021	More than 100 students
		<b>One week FDP</b> on Developing leadership skills for enhancing personal and organizational outcome for Vidyavardhaka institute of technology, Mysore	Planned, Designed, Organizer and coordinator by M. H. Dhend in association with NGO Vihangam techno holistic organization founded by M. H. Dhend	13-17 September 2021	more than 200 teachers
		<b>Value added course (Student development certificate course) Exploring new horizons: a Pathway to success for</b>	Planned, Designed, Organizer and coordinator by M. H. Dhend in association with NGO Vihangam	28 August-16 October	more than 100 students



		<b>Vidyalankar institute of technology, Mumbai</b>	techno holistic organization founded by M. H. Dhend		
2	Dr AA Apte & P Sankala	<b>Soft skills needed in Corporate</b>	MsPritiKibe, Forbes Marshall	2 <sup>nd</sup> Sep 2021	87

<b>Term Two</b>					
<b>S N</b>	<b>Name of faculty coordinator</b>	<b>Topic</b>	<b>Name and contact details of guest</b>	<b>Date</b>	<b>Number of beneficiaries</b>
1	Dr AA Godbole	Professional value and ethics	MrDidlipAmoulik	21 st March 2022	BE Electrical
2	P Sankala	Study abroad for Engineers	MrRajarshi Banerjee  Jamboree Education  Pune	16th March 2022	150 students  ( Electrical& Computer)

## **2.9 FACULTY SERVED AS RESOURCE PERSON, EXPERT, CHAIRPERSON**

<b>Term One</b>				
<b>S N</b>	<b>Name of Faculty</b>	<b>Title of Activity</b>	<b>Organizing body</b>	<b>Date</b>
1	Dr AA Godbole	Resource Person for FDP on Software based Case studies for Development of Multidisciplinary projects	Computer Department AISSMS COE Pune	24/11/2021
2	M. H. Dhend	International Conference	IUCEE	9/1/2022

	on Transformations in Engineering Education organized by IUCEE:Workshop on Team Building Spirits: Prerequisite of PBL		
	FE Induction programme: Meditation	DY Patil institute of technology Pimpri	29/12/2022
	FE Induction programme:Values	Trinity college	24/12/2021
	AICTE-ISTE Refresher/Induction Programme on Nanotechnology organized:Stress management	MJCET, Hyderabad	15/12/2021
	Webinar series approved by ISTE &IELS:Skills and qualities required for leadership	Sharad institute of technology, Ichalkaranji	27 Nov. 2021
	30 sessions in:Value added course on holistic personality, leadership & life skill development for building professional and life success through design thinking approach	Center of excellence in teaching and learning, AISSMS COE	23 September-30 October 2021
	IUCEE PBL mini symposium:holistic	IUCEE	10 October 2021

		development through problem & project (P2) based learning: a case story of Mangal Dhend		
		Webinar on Goal setting and manifesting success	Sipna college of engineering & technology, Amarawati	9 October 2021
		10 sessions in: Value added course on Exploring New Horizons: A Pathway to Success”	Vidyalankar institute of technology, Mumbai in associations with Vihangam Techno Holistic Organization	28 August-16 October
		One day workshop on developing leadership skills	Vihangam Techno Holistic organization Pune	21 August
		3 sessions in five day National-level Online Faculty Development Programme on “Developing Leadership Skills for Enhancing Personal and Organizational Outcome	Vidyavardhaka institute of technology, Mysore in association with Vihangam Techno Holistic organization Pune	13-15 September
		5 session in One week workshop organized on Ancient & Spiritual Techniques for building	Vihangam Techno Holistic Organization	4-8 August 2021

		success & bliss		
		2 session in One day workshop organized by Vihangam Techno Holistic Organization on Goal Setting and Manifesting Success	Vihangam Techno Holistic Organization	29 July 2021
		One day workshop organized by Vihangam Techno Holistic Organization on Goal Setting and Manifesting Success	Vihangam Techno Holistic Organization	24 July 2021
		One day workshop organized by Vihangam Techno Holistic Organization on Goal Setting and Manifesting Success	Vihangam Techno Holistic Organization	17 July 2021
3	Dr.A.A.Apte	Worked as session chair at IEEE sponsored International conference ICCICT SPIT Mumbai	IEEE Mumbai SPIT Mumbai	27 /7/2021
		Resource Person for FDP on Software based Case studies for Development of Multidisciplinary projects	Computer Department AISSMS COE Pune	24/11/2021

		Faculty Orientation Workshop	D.Y.Patil COE	10/8/2021
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Term Two				
S N	Name of Faculty	Title of Activity	Organizing body	Date
1	Dr M. H. Dhend	AICTE-ISTE approved Faculty Development programme organized by	GovindraoWanjari college of engineering and technology, polytechnic Nagpur	3/3/2022
		International Webinar Series Successful teachers = Happy student” Goal setting and manifestingsuccess	MEXTESOL, National Association of Teachers in Mexico, Latin America	26/2/2022
		ISTE approved one week FDP on Project based learning	AISSMS COE	23/2/2022
		ISTE-IETE sponsored one week FDP on modern trends in energysystems:Smart Grid	AISSMS COE	10/2/2022
		AICTE-ISTE One week induction/refresher programme on Additive manufacturing in medical and emerging applications :Stress management	Organized by Vasawi college of engg, Hyderabad	2/2/2022
		National Webinar on Goal setting and manifesting success	Shri KumarsamiMahavi dyalaya, Ausa, Latur	
		Vision-Mission-PEO inFaculty development Workshop on accreditation	YSPM’S Yashoda Technical campus, Satara	16 January 2022

		process and quality of teaching learning		
		Assignments & Guidelines for steps of working in Faculty development Workshop on accreditation process and quality of teaching learning	YSPM'S Yashoda Technical campus, Satara	16 January 2022
		NBA criterion-II in Faculty development Workshop on accreditation process and quality of teaching learning	YSPM'S Yashoda Technical campus, Satara	16 January 2022
		NBA criterion-III in Faculty development Workshop on accreditation process and quality of teaching learning	YSPM'S Yashoda Technical campus, Satara	17 January 2022
		Bridging gap and learning beyond syllabus in Faculty development Workshop on accreditation process and quality of teaching learning	YSPM'S Yashoda Technical campus, Satara	17 January 2022
		Improving quality of teaching learning process in Faculty development Workshop on accreditation process and quality of teaching learning	YSPM'S Yashoda Technical campus, Satara	17 January 2022
2	Dr.A.A.Apte	Expert Lecture to TE Electrical Students on Proteus Simulation	PVG's COET Pune	1/12/2021
		Expert Lecture to TE Electrical students on Motors in Electric Vehicle	DV Vikhe Patil COE AhmedNagar	18/01/2022

# **3. ACTIVITIES ORGANIZED**

### 3.1 FDP/STTP ORGANIZED BY THE DEPARTMENT

Term Two					
S N	Name of faculty coordinator	Title of the FDP/STTP/WS/ Seminar/Sympo sium	Duration/ Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)
1	Dr.A.A.Apte&Ms. V.N.Tarange	Modern Trends in Energy Systems	7/2/2022 to 11/2/2022	77	

### 3.2 SEMINARS/ WORKSHOPS/ WEBINARS ORGANIZED BY THE DEPARTMENT

Term One					
S N	Name of Coordinator/ s	Title of the Seminar/Webinar	Duration / Dates	No. of Participa nts	Funding Agency (If any) and Amount (Rs.)
1	Dr A.A. Godbole	T.E. (2019 Course) Syllabus revision workshop	02 June	85	
2	Prof P. K.Sankala	T.E. (2019 Course) Syllabus revision workshop	02 June	85	
3	Prof V.S. Ponkshe	T.E. (2019 Course) Syllabus revision workshop	02 June	85	
4	M. H. Dhend	Institute Innovation council Impact Series (4 sessions)	4 & 14 October	more than 200	Innovation cell
5	P Sankala & Dr AA Apte	Workshop on Fabrication of Buck converter	23 <sup>rd</sup> Nov 2021	TE students- 61	Resource persons: Mr Mohan Pare &Mr Utkarsh Alset, Design & Development Engineer, R&D Arthetec Innovative



					solutions, Pune
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### 3.3 EXTENSION ACTIVITIES CONDUCTED BY THE DEPARTMENT (Social activities / Quizzes at national/international level/any other activity)

Term Two				
S N	Name of Faculty Coordinator	Details of activity conducted	Date	Number of beneficiaries
1	MsV N Tarange & P Sankala	Cleanliness Drive @ Sinhgad Fort, Pune	26 <sup>th</sup> Feb 2022	50 students

### 3.4 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
1	Dr. A A Godbole	Samriddhi Consultants Pvt. Ltd., Pune	30 Sept. 2021	29 Sept. 2023
		Arakeri Electrical Industries MIDC, Bhosari, Pune	26 July 2021	25 July 2022
		VMS Controls, Pune	24 July 2021	23 July 2023
2	Prof. S K Biradar	AnakaSchalttafel Pvt. Ltd, Pune	28 July. 2021	27 July 2023

Total Functional / Live MoU initiated by Department				
Sr. No.	Faculty Coordinator	Name of Organisation	Date of MoU Signed	Valid upto 00/00/0000
1	Dr. A A Godbole	Samriddhi Consultants Pvt. Ltd., Pune	30 Sept. 2021	29 Sept. 2023
		Arakeri Electrical Industries MIDC,	26 July 2021	25 July 2022

		Bhosari, Pune		
		VMS Controls, Pune	24 July 2021	23 July 2023
2	Dr A AApte	ZEN Solutions, Pune	05 August 2019	30 August 2023
		Aethertec Innovative Solutions	24 July 2021	23 July 2023
		Vigyan Vidya Pvt Ltd. Pune	29 November 2021	28 November 2023
3	MrS K Biradar	AnakaSchalttafel Pvt. Ltd, Pune	28 July. 2021	27 July 2023
4	Mr S. R. Lengade	Enertek Solutions IndisPVt Ltd	05 January 2018	05 January 2023
		Star electrical company, Bhosari MIDC Pune	26 June 2019	25 June 2022
5	Mr C D Kulkarni	Alka Technologies	15 July 2019	14 July 2022

### 3.5 STUDENTS' CHAPTERS /CLUBS

Sr. No	Name of Students' Chapter	Number of Student Members
1	IE	

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

**Name of Students' Chapter: Institution of Engineers, India**

**Faculty Advisor: Mrs P Sankala**

Term One				
SN	Event name and details of event	Name of chief guest, judges etc.	Duration and Dates	Number of beneficiaries
1	First Regional Conclave of Students Chapter of the Institution of Engineers (India ) for Western Region for the year 2021-22		9-10 Dec.2021	97
2	Workshop on Fabrication of Buck		23rd Nov. 2021	61

	Converter			
3	Engineering Today 2021 WATTS		29th ,30th Sep and 1st Oct 2021	147
4	Webinar on Soft Skills for Corporate sector	Ms.PritiKibe, Forbes Marshall	2nd Sep 2021	95

Term Two				
SN	Event name and details of event	Name of chief guest, judges etc.	Duration and Dates	Number of beneficiaries
1	BE Project Project Exhibition		5 <sup>th</sup> May 2022	75
2	Cleanliness Drive@Sinhgad Fort, Pune		26 <sup>th</sup> Feb 2022	50

### 3.6 PARENT MEETING

Faculty Coordinator	Day and Date	Details of Parent meetings organized	Number of Parents attended
Prof. S R Lengade	16.11.2021	SE, TE, & BE Class together	36

### 3.7 ALUMNI MEET

Faculty Coordinator	Day and Date	Details of Alumni meetings organized	Number of Alumni attended
Prof. S R Lengade	03.12.2021	The alumni meet reconnected us with the Alumni. Celebration of their success and various achievement was held. Alumni also interacted with the students and gave motivational talk regarding preparing for higher studies and placements.	41

### 3.8 SUPPORT FROM ALUMNI

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

		<b>n</b>			
1	Ajit Jha	Design Engineer Zen Solutions	2003-2007	Worked as Interviewer at ET event Mock Interview	29/9/2021

# **4.RESEARCH CONTRIBUTION**

## PUBLICATIONS

### 4.1 PAPERS PUBLISHED IN JOURNALS

Term One						
S. No	Authors	Document Details	Year	Source Details	ISBN/ISSN	Publisher
1	Dr A A Apte, Prof V S Ponkshe	Design of robust & Efficient SMPS for charging of lithium ion battery used in Electric Vehicle	2022	IJRSET	ISSN: 2319- 8753	
2	Dr A A Apte	Design and implementation of Solar powered mobile phone charging station for public places	2022	IRJIET	ISSN: 2581- 3048	

### 4.2 RESEARCH CITATIONS (Source of Data: Google scholar) (As on 30<sup>th</sup> May)

Name of faculty	Citations, h-index, i10 index	Name of faculty	Citations, h-index, i10 index
1. Dr AA Godbole	389,6,5		
2. Dr AA Apte	196,8,5		
3. Dr M H Dhend	192,6,4		
4. Mr S K Biradar	23,1,1		

**Total Citations of Department: 800**

### 4.3 ME AWARDED

Sr No	Name of Supervisor	Title of Thesis	Name of Candidate
1	P Sankala	Design of fast charging system of super capacitor Bank using frequency matrix converter	SHRUTI ATKORE
2	V V Kulkarni	Electrical Vehicle charging station by solar panel and raspberry pi controller	Sayali Nagare
3	V S ponkshe	Design of robust and efficient SMPS for	Prasad Yadav

		charging of Lithium ion battery used in electric Vehicle	
4	A Apte	Design and implementation of solar powered charging station for public places	Sharmishta Rathod
5	V S ponkshe	System design and realization of a solar powered electric vehicle charging station	Sagar Moundekar

#### 4.4 PhD GUIDE DETAILS

Name of Faculty who are PhD Supervisor	Number of Scholars Registered
1. Dr AA Godbole	01

# **5.INTERACTION WITH INDUSTRY**



## 5.1 INDUSTRY VISITS ORGANIZED

Term One				
Sr. No.	Faculty Coordinator	Class and Number of students attended	Industry Name and Address	Date of visit
1	Mrs. V N Tarange Mrs. P K Sankala	BE -55	Mapro Foods Pvt. Ltd. 122, Shendurjane Wai, Dist Satara, Maharashtra 412803	7 May 2022
2	Dr. Apte A A Mrs. Mrs. V N Tarange Mr. R S Shinde	TE & BE	Pune Meetro Station, Phugewadi	6 April 2022
3	Dr. Apte A A Mr. V S Ponshe Mr. R S Shinde	TE-85	HVDC Substation, Padaghe, Maharashtra	7 May 2022

Term Two				
Sr. No.	Faculty Coordinator	Class and Number of students attended	Industry Name and Address	Date of visit
1	Dr AA Apte	TE-65	Metro, Pune	06/04/20 22
2	Mr V S ponkshe	TE-60	HVDC Padghe	07/05/20 22

3	Mrs P Sankala	BE	Mapro Industry, Wai	25/05/2022
4	Mrs S Vadi	SE - 71	AISSMS PITI, Boribhadak for audit course "Installation and Maintenance of Electrical Appliances"	29/04/2022

## 5.2 EXPERT LECTURES / WEBINARS DELIVERED BY INDUSTRY EXPERTS

Term One					
Sr. No.	Faculty Coordinator	Class (Number of students attended)	Name, Industry, designation and contact details of Expert	Topic	Date
1	Dr. A A Godbole	SE-BE	Mrs Kavita Kaushik, Cummins	Engineering Trends and Industry expectation	16/9/2021
		TE	Mr Sandeep Kalkar, Apt Samriddhi	Internship	20/10/2021
		TE & BE-154	Dr. Ahsan Rizvi & Dr. Kiran Zaidi Agri	Unraveling the tips for Successful start up	11/10/2022
2	Dr. M. H. Dhend	SE	Dr. P. B. Karandikar	Scope of Nanotechnology in research	25/11/2021
3	Dr. A A Apte	BE	Mrs. Priti Kibe	Soft Skill needed at corporate	2/9/2022
		TE	Mr. Abhigyan Giri, Training Head at Ind EyesInfoTech Pvt.Ltd.	Embedded systems and Its Applications	9/9/2021

4	Mrs. P K Sankala	SE, TE, & BE	Mrs Kavita Kaushik, Cummins	What competencies are a core company lookfor a graduate engineer trainee	16/9/2021
5	Mrs. S Vadi	TE	Mr.Pratap Bhosale, Addl Executive Engineer, MSEB, Pune	Maintenance of Transformers	18/10/2021

Term Two					
Sr. No.	Faculty Coordinator	Class (Number of students attended)	Name, Industry, designation and contact details of Expert	Topic	Date
1	Dr. A A Godbole	SE	Mr Rajendra khope	Microcontroller applications	16/4/2022
		TE & BE	Mr. Dilip Amolik Founder and Managine Partner Sigma Search, Pune	Professional Values & Ethics	
2	Mrs. P K Sankala	TE & BE-97	Mr. R Banarje	Career Guidance	16/03/2022
3	Mrs. S Vadi	SE-62	Mr.Ranjit Kumar K, Software Engineer, EVEREST IMS Tech, Bangalore	Python Programming	19/03/2022
4	Mrs S.S.Mujawar	TE-65	Mr Hrishikesh Mehta, Aethertech Innovative Solutions, Pune	Finite Element Analysis	10/05/2022

### 5.3 MOU SIGNED WITH INDUSTRY

Term One				
Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto (00/00/0000)
1	Dr. Mrs A A Godbole	AptSamriddhi Consultant Pune	30/09/2021	2 years
		AnkaSchalttafel Pvt. Ltd. Pune	27/7/2021	2 years
		VMS Controls	24/7/2021	2 years
3	Dr A AApte	VIGYAN VIDYA Pvt.Ltd. Pune	29/11/2021	2 years
4	MrS.K.Biradar	Arakeri Electrical Industries MIDC Bhosari, Pune	26/7/2021	1 year

TOTAL FUNCTIONAL / LIVE MOU INITIATED BY THE DEPARTMENT				
Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto (00/00/0000)
1	Dr. A A Godbole	Apt Samriddhi Consultants Pvt. Ltd., Pune	30 Sept. 2021	29 Sept.2023
		Arakeri Electrical Industries MIDC, Bhosari, Pune	26 July 2021	25 July 2022
		VMS Controls, Pune	24 July 2021	23 July 2023
2	Dr A AApte	ZEN Solutions, Pune	05 August 2019	30 August 2023
		Aethertec Innovative Solutions	24 July 2021	23 July 2023
		Vigyan Vidya Pvt Ltd. Pune	29 November 2021	28 November 2023

3	Prof. S K Biradar	AnakaSchalttafel Pvt. Ltd, Pune	28 July. 2021	27 July 2023
4	Prof S. R. Lengade	Enertek Solutions IndisPVt Ltd	05 January 2018	05 January 2023
		Star electrical company, Bhosari MIDC Pune	26 June 2019	25 June 2022
5	Prof. C D Kulkarni	Alka Technologies	15 July 2019	14 July 2022

#### 5.4 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	LOKHANDE TUSHAR SHANKARRAO	R.K.SolarSystem sPune	TE	1/12/2022	2/12/2022	30
2	MADANE YOGITA BAPURAO	Plan power company	TE	12/22/2021	1/30/2022	38
3	MADANE YOGITA BAPURAO	Plan power	TE	12/20/2021	1/20/2022	30
4	BORSE SANKET SOMNATH	MSETCL	TE	1/1/2022	1/31/2022	31
5	YEDE PRANJAL SHIVAJI	Plan power shaniwarpeth	TE	12/20/2021	1/20/2022	30
6	CHAVAN MANAV SANTOSH	M.S.E.D.C.L. Latur	TE	1/15/2022	3/14/2022	60
7	GAIKWAD ANUSHKA ABHAY	ZF India pvt	TE	1/3/2022	1/31/2022	28
8	KALYANKAR ABHISHEK VITTHALRAO	Plan Power	TE	12/20/2021	1/20/2022	30
9	KIRWALE SAOURABH BABASAHEB	MSEDCL.O&M Circle Vidyut Bhavan Beed	TE	12/27/2021	1/27/2022	30

10	LAHAMGE SIDHARTH DEEPAK	MSEDCL	TE	1/6/2022	2/7/2022	30
11	RUPANAWAR KIRAN RAVSAHEB	MSEB sub- division- Velapur (Solapur)	TE	1/3/2022	2/2/2022	30
12	AARUSHI MAHAJAN	Cummins power generation technology India pvt limited	TE	1/10/2022	2/18/2022	38
13	ADARSH SANTOSH VISHWAKARMA	Silverline Electricals Pvt. Ltd.	TE	1/3/2022	1/31/2022	31
14	BALKAWADE MAITHILI MILIND	Prayog Electricals Pvt. Ltd.	TE	12/15/2021	2/28/2022	43
15	BANSODE SUSMITA PANDURANG	Brose automotive systems private limited	TE	12/20/2021	1/30/2022	30
16	BHUSARI SARVESH PRAVIN	Swara Enterprises	TE	1/16/2022	2/16/2022	30
17	BODHE SARVESH ANIL	APT Samridhi Consultants Pvt. Ltd. Pune	TE	12/21/2021	1/31/2022	40
18	CHAUDHARI LAXMI RAJESH	Siemens	TE	1/3/2022	1/31/2022	28
19	CHAVAN HARSHWARDHA N YASHWANT	MAHARSHI SHAKARAO MOHITE PATIL SAHAKARI SAKHAR KARKHANA PVT.LTD SHANKARNAG TEAR,AKLUJ	TE	12/26/2021	1/31/2022	34
20	DARADE SUPRIYA SAYAS	MSEDCL	TE	12/15/2021	1/31/2022	45
21	DESHMUKH OM VINOD	AGASTI SUGAR	TE	1/3/2022	1/31/2022	28

		FACTORY AKOLE				
22	DOKE RUSHIKESH SANJAY	MSEDCL	TE	1/13/2022	2/13/2022	30
23	GHODAKE SUMIT SUHAS	Tata Motors PVBU	TE	1/10/2022	3/10/2022	60
24	GULUMKAR ANKIT SHARAD	VCB ELECTRONICS, PUNE	TE	12/20/2021	1/20/2022	30
25	INGALE GIRISH SAMPATRAO	Saara Enterprises	TE	1/3/2022	1/30/2022	28
26	INGLE PRATIK ARUN	MSEDCL	TE	12/20/2021	1/20/2022	30
27	JIVANE HRUTUJA DIPAK	Chandrapur Super Thermal Power Station	TE	12/25/2021	1/30/2022	35
28	JUNAID JAVAID GANAI (JKSSS)	JKPTCL	TE	12/1/2022	02/10/2022	68
29	KADAM KUMAR BALASAHEB (TFWS)	Pie Infocomm	TE	1/10/2022	2/23/2022	43
30	KAJALE RUSHIKESH GANESH	MSEDCL Sub- Division Manchar	TE	12/29/2021	2/4/2022	35
31	KARHE MAHESH BAPURAO	132 kv substation Ashti	TE	12/21/2021	1/21/2022	30
32	KHAPRE GAURI RAJESH	MSETCL	TE	12/31/2021	1/31/2022	30
33	KINKAR ANIKET RAMCHANDRA	DOO LITTLE PVT.LTD	TE	1/1/2022	1/31/2022	30
34	KRISHNA PRANALI ASHOK	Mahuli engineering satara, government electrical contractor	TE	1/6/2022	2/6/2022	30
35	KULKARNI AMEYA	Sannati Engineers	TE	12/20/2021	1/31/2022	40

	DHANANJAY					
36	LIMAYE VAISHNAV VINAYAK	Shivshakti transformers pvt LTD	TE	1/3/2022	2/3/2022	30
37	LOKHANDE SAKSHI GANESH	Northway Motorsport	TE	1/1/2022	6/30/2022	
38	MAHADIK ADVAIT RAMESH	Embio Ltd.	TE	1/1/2022	2/1/2022	30
39	MALI TUSHAR BHAUSAHEB	Rapid Systems, Korochilchalkara nji	TE	12/24/2021	1/21/2022	27
40	MALPANI PUSHKAR RAMBILAS (EWS)	Embio ltd.	TE	1/1/2022	2/1/2022	30
41	MASKE SHARWARI ROHIDAS	MSETCL, AURANGABA D	TE	1/3/2022	1/28/2022	25
42	MESHARAM RUCHIKA SHARADKUMAR	MSETCL	TE	1/4/2022	2/4/2022	30
43	MOHIRE PRATIK GAJANAN	APT. Samridhhi Consultants Pvt. Ltd	TE	12/21/2021	12/31/2021	10
44	MORE KUNAL RAJENDRA	Thyssenkrupp electrical steel India pvt. Limited, nashik	TE			
45	MORE MANJIT MANISH	Wixika innovative solution pvt. Ltd.	TE	12/22/2021	1/31/2022	38
46	NADAF ANSARALI SIKANDAR	The Saswad Mali Sugar Factory Pvt. Ltd, Malinagar.	TE	1/1/2022	2/4/2022	34
47	NAIK RITESH PRAVIN	Rajesh Electro Fabricators And Supplier Jalgaon	TE	12/21/2021	1/21/2022	30
48	NEELANSH	Centre of	TE	12/15/2021	1/31/2022	45



	BHAMBHANI	Railway Electrification				
49	NIRALI SAMARTH ANIL	CTR private limited ,pune	TE	12/27/2021	1/26/2022	30
50	PAKHARE MANGESH BALASAHEB	Innovation Transformer and Services	TE	1/3/2022	1/31/2022	28
51	PATIL PRASAD PRAVIN	Rajesh electro fabricators and suppliers	TE	12/22/2021	1/22/2022	10
52	PATIL ROHIT TATYASAHEB	Ravi Industries Kolhapur	TE	1/1/2022	2/5/2022	35
53	PATIL SHIVAM VIJAY	Jai Hind Sugar Pvt Ltd	TE	12/15/2021	1/30/2022	45
54	PATIL VIRAJ RAVIKIRAN	Kaivalya Electricals	TE	12/30/2021	1/29/2022	30
55	PATIL YASH BHAUSAHEB	AZ automation	TE	1/1/2022	1/31/2022	31
56	PRAPHUL KUMAR YADAV	Blazeclan	TE	1/30/2022	3/30/2022	58
57	PRATHMESH OMKAR SAMPGAONKAR	Mahindra and Mahindra	TE	12/15/2021		
58	RAJARWAD VENKAT GOVIND	Plan Power	TE	12/20/2021		
59	RITHIK RAJAN	Tata	TE	12/20/2021	1/25/2022	35
60	SHREYA VINAYAK WAGHMARE	Plan Power	TE	12/20/2021	1/20/2022	30
61	SHRUTI BHURELAL SURAJBANSI	MSEDCL	TE	12/15/2021	1/15/2022	30
62	SONAWANE ROHAN SURESH	Hummingbyte technologies Pvt.Ltd	TE	1/5/2022	3/15/2022	70
63	SOUMIT DEBBARMA	Swara enterprises	TE	12/20/2021	1/20/2022	30

64	SURYAWANSHI HITESH RAJESH	MSEDCL	TE	1/3/2022	2/1/2022	28
65	TAUR ARJUN PRAKASH	Doolitte Energies Private Limited	TE	1/1/2022	1/31/2022	31
66	VAIRAGAL AKSHAY NARSING	Amar Electrical	TE	12/20/2021	1/20/2022	30
67	VAKARE TEJAS SANTOSH	Nashik Thermal Power Station, Eklahare	TE	12/27/2021	1/23/2022	27
68	WABALE ADITYA SHARAD	MSEDCL Manchar	TE	1/13/2022	2/13/2022	30
69	WARADE VIDEH SUBHASH	Brose Automotive India Pvt. Ltd.	TE	12/20/2021	1/30/2022	30
70	BHOSALE MADHAVI LAXMAN	AG Electro Services	TE	12/15/2021	1/15/2022	30
71	CHANDGUDE SHREEYASH SATISH (EWS)	Borse Automotive Pvt Ltd	TE	12/20/2021	1/29/2022	30
72	CHAVAN UTKARSHA YUVRAJ	AG Electro Services	TE	12/22/2021	1/22/2022	30
73	DHABADE POOJA MADHUKAR	Mass- Tech controls private limited	TE	1/12/2022	2/8/2022	26
74	DHOK PAYAL DOMA	Nashik Power Equipment	TE	1/3/2022		
75	GHUGE NILESH LIMBAJI	N. kenin Transformer, Latur	TE	12/25/2021	1/25/2022	30
76	HOLMUKHE SWAPNALI SANDIP	AG ElectroMotors	TE	12/15/2021	1/15/2022	30
77	JAGADALE NEHA VIJAY (EWS)	Innovation Transformers and Services	TE	1/3/2022	1/31/2022	28

78	KULKARNI NIVEDITA NISHIKANT (EWS)	Karad Projects and Motors Limited, Tasawade MIDC	TE	12/31/2021	1/31/2022	30
79	MALI PRANALI BALASAHEB	AG Electro Motors	TE	12/22/2021	1/22/2022	30
80	PATIL RITIKA NITIN	Rajesh electro fabricators and suppliers	TE	12/22/2021	1/22/2022	30
81	PATTEWAR SAKSHI RAMDAS (EWS)	N Kenin Transformers	TE	12/25/2021	1/25/2022	30
82	SAYYAD MAHAMMADSAK IB RAJU	Priyanka Trading Co.	TE	1/3/2022	2/3/2022	30
83	SHAH CHIRAG SANJAY (EWS)	Avihas electricals Pvt Ltd.	TE	12/29/2021	1/29/2022	30
84	SHINDE ABHIJEET KHULESH	Brihanmumbai electricity supply and transport (BEST)	TE	12/29/2021	1/29/2022	30
85	SHINDE SAMEER RAVINDRA	Perfect House Pvt Ltd	TE	1/3/2022	2/3/2022	30
86	URANE KEDAR RAGHUVIR	Power Tech Automation	TE	1/4/2022	1/31/2022	27
87	ZANWAR SURAJ DATTAPRASAD (EWS)	N KENIN TRANSFORME R	TE	12/25/2021	1/25/2022	30

# **6.STUDENTS' ACHIEVEMENTS**

**6.1 STUDENTS' ACHIEVMENT (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)
MAITHILI MILIND BALKAWADE	AIR 2 In Season-11+ best project plan award, Won Best Project Plan + Design Validation plan award in Season-12	SAE NIS EFFICYCLE Season 11, 12
Kaustubh Patil	IEI CIRCUIT WIZARD	
Aniruddha UttamSapate	Won FirodiyaKarandak	
Dipti keshavpanda v	Women's day. Speech	1st prize

**6.2 NUMBER OF STUDENTS PLACED**

Term One			
Sr No	Name of Organization visited	Number of students Participated	Number of students Placed
1	Tata Consultancy Services		2
2	L&T Infotech		1
3	Capgemini		4
4	Zensar		4
5	Wipro		4
6	Bharat Forge Ltd.		1
7	Reliance Industries Ltd.		2
8	Siemens		1

Lower Package Offered:

Higher package Offered:

Average Package Offered:

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

Sr. No	Name of Student	Examination	Examination / registration number
1	Aitawade Aniket Appaso	GATE	

**6.4 STUDENTS' ACHIEVEMENTS (Team Level)**

Term One			
Name of Event	Name of Faculty Advisor	Details of Achievement (State/University/National/International Level)	Remark (Domain)
Atharva Arun Kadam	Kondhare	Cricket 1 Prize college level	
Nikhil NanasoTh orat	Kondhare	Cricket 1 Prize college level	
Aditya sharadwab ale	Kondhare	Cricket 1 Prize college level	

# **7. SUMMARY AND SWOC ANALYSIS**

## 7.1 FEEDBACK FROM STAKEHOLDERS

Sr No	Stake holder	Number of Feedbacks Received	Overall Feedback
1	Alumni	17	
2	Parents	9	
3	Employers	4	
4	Students	120	

## 7.2 TWO BEST PRACTICES FOLLOWED IN THE DEPARTMENT

**Students Internships**

**Engineering Today Event**

## 7.4 SWOC ANALYSIS

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

### Strengths:

1	Experienced, committed and qualified faculty
2	Well-equipped laboratories
3	Good faculty retention ratio
4	Interaction with outside world

### Weaknesses:

1	No R&D funded projects
2	No Consultancy
3	Limited scope of involving students in activities due to tight University Examination schedules

### Opportunities:

1	Qualification up-gradation of faculty
2	Sponsorship for Research Activation



3	Establishing MoU with Core Industries
4	Promoting the spirit of Entrepreneurship

### Challenges

1	Competition with other institutes to attract meritorious students
2	Placement of students in core companies
3	Obtaining stakeholders' involvement for improving the teaching learning processes

### 7.5 FUTURE PLANS OF THE DEPARTMENT (For Next Academic Year)

1	To apply for NBA
2	To increase the MOUs signed with industries
3	To fetch consultancy from industry

### 7.6 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	The faculty members are instructed to follow the academic schedule of tests and assignments. They encourage the students to participate in intercollegiate technical activities like paper presentation, poster competition and quizzes. Students are encouraged to go for industrial implant training and get industry sponsored projects. Students are encouraged to enroll for various certification courses like NPTEL, Coursera, Udemy. Our students also work in Efficycle, BAHA team.
Organization of different activities	Our students take part in various sports and cultural activities like Firodiya, street play at intercollege level. Department supports such activities. Participation in NSS and other social activities like blood donation camp, tree plantation, visit to orphanages is done by students and faculty supports the same
Research and Innovation	
Industry institute Interaction	

**SUMMARY SHEET (Annual)**

Sr No	Activity/ Item	Numbers
<b>PROFILE OF DEPARTMENT</b>		
01	Students in the department	210
<b>FACULTY CONTRIBUTION</b>		
02	e content developed by faculty and available online	04
03	Number of FDP/STTP attended by the department faculty	45
04	Number of Seminars/ workshops/ webinars attended by the department faculty	32
05	Number of Conferences/ symposiums attended by the department faculty	02
06	Number of Online courses / certificate courses completed by department faculty	06
07	Number of extension lectures / webinars (Lectures delivered on other than technical topics))	08
08	Number of Faculty served as resource person, expert, chairperson	05
<b>ACTIVITIES ORGANIZED</b>		
09	Number of FDP/STTP organized by the department	01
10	Number of Seminars/ workshops/ webinars organized by the department (for faculty)	03
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)	01

13	MOU signed with academic and professional organizations	-
14	Number of Students' chapters /clubs	01
15	Number of Social activities organized	02
16	Number of Parent meeting	01
17	Number of Alumni meet	01
18	Number of student counseling and career guidance at the department level	-
<b>RESEARCH CONTRIBUTION</b>		
19	Number of Funded research project	-
20	Number of Testing and consultancy	-
21	Number of Patents, copyright, trademark and other (IPR)	-
22	Number of Papers published/ presented in proceedings of conferences	-
23	Number of Papers published in journals	02
24	Number of Book/ article publications	-
25	Total Research citations	800
26	Number of ME awarded	-
27	Number of PhD AWARDED	-
<b>INTERACTION WITH INDUSTRY</b>		
28	Number of Industrial visits organized	04
29	Number of Expert lectures delivered by industry experts	09
30	Number of Industry –sponsored projects (UG/PG)	-
31	Number of MOU signed with industry	10
32	Number of Faculty members undergone industrial training	-
33	Number of Students undergone in-plant training and (or) internship programme	87

34	Number of students placed	34
35	Number of students qualified in the examinations	01

### **Declaration by the Head of the Department**

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

**Dr A A Godbole**  
**Head of Department**

All India Shri Shivaji Memorial Society's  
COLLEGE OF ENGINEERING PUNE-1  
DEPARTMENT OF E&TC ENGINEERING  
**ANNUAL REPORT**

01/07/2021 to 30/6/2022

### INTRODUCTION

Year of Establishment	1992
UG Programmes	1994
PG Programmes	2010
Number of Teaching Staff	15
Number of Non-Teaching Staff	06

### LABORATORIES IN THE DEPARTMENT

Name of Laboratory	Name of Laboratory
Process Automation & Instrumentation Lab	Communication Lab
Basic Electronics Lab (BEE)	VLSI Lab
Project Lab	Signal Processing & Embedded Lab
Circuit & Simulation Lab	Post Graduate Lab
Power Lab	

### SOFTWARES AVAILABLE IN THE DEPARTMENT

Software Available	Software Available
Xilinx	Multisim
Microwind	Matlab
Proteus	Dev C++
eclipse	Side 51, Side Arm, Side Terminal
Mentor Graphics	CadFeko
Code Composer Studio	

### FACULTY IN THE DEPARTMENT

Name of faculty	Designation	Name of faculty	Designation
<b>Dr. D S Bormane</b>	<b>Principal</b>		
Dr. D.G.Bhalke	Professor - HOD	Ms. V.V.Deshmukh	Assistant Professor
Dr. K.B.Chaudhari	Assistant Professor	Mrs. V.S.Navale	Assistant Professor
Mr. A.Y.Kazi	Assistant Professor	Mrs. Y.P.Lad	Assistant Professor
Mr. S.B.Dhekale	Assistant Professor	Mr. V.B.Gawai	Assistant Professor
Mr. N.P.Mawale	Assistant Professor	Mrs. R.R.Itkarkar	Assistant Professor

Dr. P.P.Vast	Assistant Professor	Mrs. S.A.Takalkar	Assistant Professor
Ms. V.D.Nagrале	Assistant Professor	Mrs. P. P. Tayade	Assistant Professor

### **DETAILS OF SUPPORTING STAFF**

<b>Name of Non-teaching</b>	<b>Designation</b>	<b>Name of Non-teaching</b>	<b>Designation</b>
Mr. A.D.Paygude	Laboratory Assistant	Mr. G.P.Pimple	Attendant
Mr. S.M.Dhiwar	Laboratory Assistant	Mr. S.P.Gaikwad	Attendant
Mr. S.T.Gajar	Laboratory Assistant	Mr. S.S.Kale	Attendant

**UNIVERSITY RANKERS (LAST ACADEMIC YEAR)**

Sr No	Name of the Ranker	Class	Rank
1	Yukta Bharambe	TE (E&TC)(2019-20)	9 <sup>th</sup> (CGPA 9.67)

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

SN	Name of Faculty	Awards & Recognition
1	Dr. D S Bormane	1) State level Best Principal of the Year Award by ISTE Maharashtra and Goa Section.
		2) Appointed as President at Pune City Zonal Sports Committee, SPPU Pune for AY 2021-22
		3) Elected as IETE Governing Council ,member, New Delhi, 01/07/2021
2	Dr. D G Bhalke	1) Appreciation from NAMO Group Foundation for Outstanding Dedication and Service to Nation and Fight against Novel Corona (Covid-19) in Lockdown Period. 28/7/2021
		2) Recognition as a Teacher of the Year for 2021 from Campus Mall
		3) Elected on Institution of Engineers (India) at Pune local Center from E&TC Division, October 2021
		4) Working as member BoS(E&TC) at Solapur University and D.Y. Patil University, Ambi
		5) Elected as Honorary Secretary, IETE, Pune Center, June 2022
3	Mr. N P Mawale	1) Awarded with “World Teachers Day Award 2021” by IMRF Institute of Higher Education and Research”
4	Dr. K B Chaudhari	1) Awarded with Ph.D.
5	Dr. P P Vast	1) Recognized Ph. D. guide
6	Mrs.R R Itkarkar, Dr. V N Patil & Dr. D S Bormane	1) Received Best Paper Award of the Session for paper titled <b>Role of Women in Science and Technology research</b> at the International conference on gender equality and women empowerment (ICGEWE-2022) on 8th March 2022
<b>Total Achievements : 12</b>		

## CONTRIBUTION OF FACULTY (Interaction with outside world)

SN	Name of Faculty	Nature and details of contribution (Representation at University, State, National , International level)
1	Dr. D S Bormane	1) Chairman ,BOS E&TC Engg,SPPU
2	Dr. D G Bhalke	<p>1) Delivered Webinar on “National Education Policy 2020” at P K International School, Kadachiwadi, Chakan, Pune on 24/7/2021.</p> <p>2) Dr. D G Bhalke Worked as resource person for faculty orientation workshop on TE (E&amp;TC) revised syllabus for the subject “Skill Development” on 31<sup>st</sup> July 2021 organized by NMIT Talegaon under the ageis of BoS (E&amp;TC) SPPU Pune.</p> <p>3) Dr. D G Bhalke is Invited as resource person for webinar on “ Quality Education, Accreditation and Teacher development” at COE Osmanabad on 06th August 2021</p> <p>4) Delivered an expert session on “PBL Tools”, in one Week ISTE sponsored STTP/Refresher Program on "Project-Based Learning (PBL)" on 26/02/2022.</p> <p>5) Visited Dankel Tech Solutions,Sinhgad Road, Pune</p>
3	Dr. K B Chaudhari	<p>1) Delivered an expert lecture titled “IOT and Smart Grid”, in FDP on “Recent Advances and Applications of Internet of Things in Renewable Energy Technologies” organized by M.H. Saboo Siddik Polytechnic, Mumbai on 20/12/2021</p> <p>2) Delivered an expert session on “Assessment tools in PBL and outcome mapping”, in one Week ISTE sponsored STTP/Refresher Program on "Project-Based Learning (PBL)" on 25/02/2022.</p> <p>3) Delivered an expert session on “Plotting with Matlab”, in a workshop organized by Government College of Engineering, Aurangabad on 09/04/2022.</p>
4	Mr S B Dhekale	<p>1) Organized FOW on Fundamentals of Java Programming for TE (E&amp;TC) Term-I under the agies of BoS E&amp;TC SPPU Pune</p> <p>2) TE (E &amp;TC) Term-I syllabus framing coordinator of subject Fundamentals of Java Programming</p>
5	Mr N P Mawale	1) Invited as Resource Person for Webinar on OBE-In Pursuit of Academic Excellence-II organized by Karpagam Academy of Higher Education, Coimbtore, TamilNadu Date: 24.06.2021



		<p>2) Delivered Expert session on Institution of Engineers (I), Opening of Student Chapter by Mechanical Engineering Dept, SSGMCE, Shegaon Date:28.08.2021</p>
		<p>3) Invited as Guest of Honor for Inauguration Ceremony of IEI Students' Chapter (Mechanical Engineering) at SSGMCE, Shegaon Date: 30.10.2021</p>
		<p>4) Invited as Resource Person for Institution of Engineers (India) Membership Benefits at BVCOE for Women, Pune on Date: 17.12.2021</p>
		<p>5) Invited as Resource Person for Students' Chapter Activities at FE Induction Program 27.12.2021</p>
		<p>6) Nominated on All India Students Committee (AISC) of The Institution of Engineers (India), HQ Kolkata as Faculty Adviser Representative from Engineering Colleges.</p>
		<p>7) Attended NSS Residential Camp at Kalyan Village on 04.03.2022 to 05.03.2022</p>
6	Dr. P P Vast	<p>1) Worked as a Resource Person in Faculty Orientation Workshop on TE (E&amp;TC) revised syllabus (2019 Course) under the aegis of Board of Studies (E&amp;TC), Savitribai Phule Pune University, organized by, Dept. of E&amp;TC Engineering ,Sinhgad College of Engineering, Pune 41 from 31/01/2022 to 02/02/2022.</p>
		<p>2) Visited R&amp;DE Robotics Department DRDO, Pune on 11/3/2022 for sponsored project and internship</p>
		<p>3) Visited SunShine Powertronics Pvt. Ltd.,Pune for MoU</p>
		<p>4) Visited PMP Automation Pvt. Ltd for MoU</p>
7	Ms V V Deshmukh	<p>1) Visited R&amp;DE Robotics Department DRDO, Pune on 11/3/2022 for sponsored project and internship</p>
		<p>2) Visited Sun Shine Powertronics Pvt. Ltd.,Pune</p>
8	Ms V S Navale	<p>1) Visited R&amp;DE Robotics Department DRDO, Pune on 11/3/2022 for sponsored project and internship</p>
		<p>2) Visited PMP Automation Pvt. Ltd. for MoU</p>
9	Mrs. Y P Lad	<p>1) Visited R&amp;DE Robotics Department DRDO, Pune on 11/3/2022 for sponsored project and internship</p>
		<p>2) Visited and signed MoU with Sun Shine Powertronics Pvt. Ltd.,Pune</p>

10	Mr V B Gawai	1) Visited CSM Technologies Pvt. Ltd.,Pune for TE students Internship.
		2) Visited Automate Pvt. Ltd.,Pune for TE students Internship.
		3) Visited Dankel Tech Solutions,Sinhgad Road, Pune for TE students Internship.
11	Mrs. R R Itkarkar	1) Delivered Expert Session on unit 5 -"Information Theoretic Approach to Communication System" for Digital communication subject at the Faculty orientation workshop for TE(E & TC) revised syllabus 2019, organized by AIT under the aegis of BoS E & TC, SPPU Pune on 24/07/2021.
		2) Delivered Expert Session on unit 5 -"Wireless system planning" for Cellular Network subject at the Faculty orientation workshop for TE(E & TC) revised syllabus 2019, organized by KBTCOE, Nashik under the aegis of BoS E & TC, SPPU Pune on 28/01/2022.
12	Mrs. P P Tayade	1) Arranged one interactive meeting with Ms. pallavi Jadhav (President of Sinhgad Industry Association), Supriya Jagdale (Sachiv of Sinhgad Industry Association), Sachin Dandekar (Khajindar of Sinhgad Industry Association) and Yogesh Borate (Core Committee Member of Sinhgad Industry Association) on 3rd March 2022 at 11.30 am to 2 pm with the purpose of MoU and sponsored projects for TE and BE.
		2) Visited CSM Technologies Pvt. Ltd.,Pune for TE students Internship.
		3) Visited Automate Pvt. Ltd.,Pune for TE students Internship.
		4) Visited Dankel Tech Solutions,Sinhgad Road,Pune for TE students Internship.
<b>Total Interaction with Outside World:37</b>		

**FDP/STTP/SEMINARS/CONFERENCES/WORKSHOPS/ SYMPOSIUMS****ORGANIZED BY THE DEPARTMENT**

<b>S N</b>	<b>Name of Coordinator/s</b>	<b>Title of the FDP/STTP/WS/Seminar/ Symposium</b>	<b>Duration/ Dates</b>	<b>No. of Particip ants</b>	<b>Funding Agency (If any) and Amount (Rs.)</b>
1	Mr. S B Dhekale Mrs. V S Navale	Faculty Orientation Workshop on “Fundamentals of JAVA Programming”	26/7/2021 to 28/7/2021	56	AISSMSCOE
2	R R Itkarkar	Awareness Session on 'IEEE Membership Benefits' Ms. Shreya Bhonsle, PR Team Member, IEEE Pune Section Mr. Piyush Chaudhari, Chair, AISSMSCOE IEEE Student Branch	13/08/2021	250	AISSMSCOE
3	Mr. S B Dhekale Mrs. V S Navale	5 Days Induction Program for SE students.	23/8/2021to 27/8/2021	176	AISSMSCOE
4	Mr. S B Dhekale	Opportunities and Preparation for Campus Placement. Speaker:Mr. S P Raoborde,TPO, JSPM	23/8/2021	122	AISSMSCOE
5	Mrs. V S Navale Dr. P P Vast	Being Interview Ready and Cultivating Emotional Intelligence for Work Ready. Speaker: Ms. Monika Nehe, Assistant Manager,US West TCS	23/8/2021	137	AISSMSCOE
6	Mr. S B Dhekale	Panel Discussion: BE E&TC 2020-21 Batch Students.	24/8/2021	100	AISSMSCOE
7	Mr. N P Mawale	Key to Stress and Time Management. Speaker: Dr. R. Jalnekar, Director, VIT	24/8/2021	171	AISSMSCOE
8	Dr. K B Chaudhari Ms. V D Nagrale	Internship and Innovation as a Career Opportunity.Speaker: Mr. Suryakant Dodmise,SIBIC	25/8/2021	90	AISSMSCOE

		Business Incubator, Founder and Chief Executive Officer			
9	Mrs. R R Itkarkar	Problem Based Learning. Speaker: Dr. Gayatri M Phade, Professor, Sandip Foundation Nashik	25/8/2021	112	AISSMSCOE
10	Dr. D G Bhalke	Outcome Based Learning. Speaker: Dr. D G Bhalke	24/8/2021	50	AISSMSCOE
11	Ms. V V Deshmukh	Students Internship. Speaker: Mr. Rajesh Vartak	26/8/2021	100+	AISSMSCOE
12	Mr. V B Gawai	Counseling Session for Personal and Professional Growth. Speaker: Mr. Touheed Mujawar, CEO and Founder Center of Carrier Development and Placement	26/8/2021	150	AISSMSCOE
13	Mr. V B Gawai	Career Scope in IT Sector. Speaker: Mr. Avinash Chauhan, Software Developer, FIS Global	27/8/2021	70	AISSMSCOE
14	Mrs. R R Itkarkar	Project Based Learning. Speaker: Dr. Shripad Bhatlawande, HoD E&TC VIT Pune	27/8/2021		AISSMSCOE
15	Mr. N P Mawale	Benefits of Student Chapter	31/8/2021	56	AISSMSCOE
16	Mr. N P Mawale	Teachers Day Celebration	5/9/2021	67	AISSMSCOE
17	Mr. V B Gawai	1 month workshop on "Python for Data Science" under Daeux Students Club	7/9/2021	58	AISSMSCOE
18	Mr. N P Mawale	1 week Students development Program on "Drone Operations Development" in Association with RGB	6/9/2021 to 10/9/2021	64	AISSMSCOE

		Buds Group			
19	Mrs. R R Itkarkar	16th AISSMS Engineering Today 2021 – Silicon Fusion's Ideathon: National Level Idea Presentation Competition.  Guest Jury - Mr. Suryakant Dodmise, Founder & CEO of SIBIC Business Incubator	30/09/2021	74	AISSMSCOE
20	S A Takalkar	Webinar on Career Opportunities in Artificial Intelligence and Machine Learning Mr. Akhilesh Deo, Director, Automate Engineering Pvt. Ltd. Pune Ms. Shweta Chaudhari, Senior Software Developer, Harbinger Systems	04/10/2021	80	AISSMSCOE
21	Mrs. R R Itkarkar Dr. D G Bhalke	International Webinar on 'Smart, Clean and Green Electrical Energy for the Sustainable Future' on the occasion of IEEE Day 2021 Celebration. Dr. Deepak Waikar, Chair, IEEE Education Society, Singapore Chapter	05/10/2021	100	AISSMSCOE
22	R R Itkarkar	Organization of 'IEEE Xtreme 15.0 Programming Competition' Proctor – Dr. M.H.Dhend, IEEE Senior Member (No. 93243765), AISSMS COE Pune	23/10/2021	15	AISSMSCOE
23	Dr. D G Bhalke Mrs. R R Itkarkar	International Conference on Smart Gen Computing, Communication and Networking	29/10/2021 to 30/10/2021	157	AISSMSCOE

		<p>SMARTGENCON-2021 Technically Co-Sponsored by IEEE Pune Section. Keynote Speakers: Dr. Deepak Waikar, Chair, IEEE Education Society, Singapore Chapter Dr. Alexandros-Apostolos A. Boulogeorgos, Research Assistant/Project Engineer, University of Piraeus, Greece</p> <p>Raneen Kango, Software Engineer, Amaan, Jordan Dr. Gwo Giun Chris Lee, Professor, National Cheng Kung University, Taiwan</p>			
24	Mrs. R R Itkarkar	<p>Expert Talk on Battery Management and Designing – A Practical Approach. Mr. Rushab Shingi, Design Engineer, AX Design Pune</p>	13/11/2021	100	AISSMSCOE
25	Mrs. R R Itkarkar Dr D G Bhalke	<p>Webinar Series on Research Methodology Speaker: Dr. Mausmi Munot (PICT Pune) Dr. Nilesh Uke (Principal, Trinity Academy of Engineering, Pune) Dr. S M Gulhane (Principal, Pravara Rural COE, Pune) Dr. Parikshit N Mahale( VIIT, Pune) Dr. Piyush Kumar (Professor at East West COE, Bengaluru) Dr. D G Bhalke (AISSMSCOE, Pune)</p>	15/11/2021 to 18/11/2021 and 22/11/2021 to 23/11/2021	91	AISSMSCOE
26	Mr. V B Gawai	<p>Webinar on “Everything You Should Know About</p>	13/10/2021	88	AISSMSCOE

		Incubation Mr. Jagdish A Patel (Incubator Manager, SANDIP™ Incubator Association)			
27	Mr. N P Mawale	Webinar on “Learning and Up skilling during Global Crisis” Ms. Manisha Sachdev, Head Student , learning Vertical, ITM Group Mumbai	9/10/2021	88	AISSMSCOE
28	Mr. N P Mawale	Webinar on “ How Graduates can manage their career amid CORONAVIRUS Ms. Khushboo Verma, Soft Skills Trainer at ITM Business School, Mumbai.	8/10/2021	66	AISSMSCOE
29	Mrs. V S Navale	Webinar on “ Defence Services in India” Mr. Pramod Vaidya (HR/Administration/IR Professional)	3/10/2021	102	AISSMSCOE
30	Mr. V B Gawai & Mr. N P Mawale	Two Days hands on Workshop “Machine Learning” Mr. Arunjit Choudhary, CEO,EBTS  Keynote address by Mr. Bharat Patel	31/8/2021 to 1/9/2021	87	AISSMSCOE
31	Ms V D Nagrale	Webinar on Career path in RED HAT LINUX	18th Nov 2021	73	AISSMSC OE
32	Mr. N P Mawale	Webinar on Entrepreneurship and Atmanirbhar Bharat for Start UP India	07.07.2021	2700+	AISSMSCOE
33	Mr. N P Mawale	Webinar on Innovation in Technology Adoption and Development of High	18.07.2021	150+	AISSMSCOE

		Precision Slip ring: A Case Study			
34	Mr. N P Mawale	Inauguration Ceremony of Solar Energy Society of India (SESI) AISSMSCOE Students' Chapter	26.08.2021	200+	AISSMSCOE
35	Mr. N P Mawale	Student Development Program (SDP) on Drone Operation Management	06.09.2021 to 10.09.2021	50+	AISSMSCOE
36	Mr. N P Mawale	ISTE Self Sponsored 1Week Online STTP/Refresher Program Project Based Learning (Ref. No. ISTE/Proceedings/Online STTP-SF-MAH-083/2021-22 Date: 21.01.2022	1 Week 21/2/2022 to 26/2/2022	650+	AISSMSCOE
37	Mrs. V S Navale	Expert session on "Advances in Communication Systems	11/4/2022	70	AISSMSCOE
38	Dr. P P Vast	Expert session on "Recent Trend and Technologies in FOC"	19/4/2022	75	AISSMSCOE
39	Ms. V V Deshmukh	Industry /Visit to MAPRO, Satara.	8/4/2022	70	AISSMSCOE
40	Mrs. R R Itkarkar	Project Exhibition of Final Year E & TC students	19/4/2022	60	AISSMSCOE
41	Mrs. R R Itkarkar	Science Exhibition at Kalyan Goan under AISSMS COE IEEE student Branch and donated science projects to Madhyamik Vidyalay Kalyan Pune	28/02/2022	35+NSS team	AISSMS COE IEEE branch



42	Mrs. R R Itkarkar	Expert Lecture on GSM Technology and 4G LTE technology by Mr. Nilesh Wankhede from BSNL Pune	06/04/2022	67	AISSMS COE
43	Dr. P P Vast Mrs. P P Tayade	Mini Project Competition for TE (E&TC) Students	05/05/2022	82	AISSMSCOE E&TC Department, ISTE Students Chapter
<b>Total Number of Activities Conducted:</b>				<b>43</b>	

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

S N	Name of Faculty	Title of the FDP/STTP/WS/Seminar/Sympo sium	Organized by	Duration and Date
1	Dr. D G Bhalke	1) Completed one month online training on “ Innovation Ambassador training” (Foundation level)	MOEs Innovation cell & AICTE	30 <sup>th</sup> June 2021 to 30 <sup>th</sup> July 2021.
<b>Total FDP/STTP/Workshop Attended: 1</b>				
2	Dr. K B Chaudhari	1) STTP on "Innovative and Inventive Problem Solving (IIPS-2021)", Sponsored by AICTE, New Delhi, India	Production S/W department, AISSMS COE,	One week 29 June - 04 July 2021
		2) Online 1 Week FDP on Augmented Reality and Virtual Reality	ISTE NewDelhi	21-06-2021 To 25-06- 2021
		3) ATAL FDP on “Machine Learning and Optimization Techniques: Applications to Financial Markets”	School of Basic Science, IIT Mandi	One week 12July -16 July 2021

		4) ATAL FDP on “Business Analytics for Food and agriculture sector”	Indian Institute of Plantation Management, Bengaluru	One week 26 July - 30 July, 2021
		5) AICTE-ISTE sponsored Induction/Refresher program "Artificial Intelligence and Robotic Process Automation: Tools, Techniques, Challenges and Solutions"	Sardar Patel Institute of Technology, Mumbai.	1 Week 19/01/2022 - 25/01/2022
		6) AICTE-ISTE sponsored Refresher Program on Future Aspects of Block chain Technology and it's Applications”	E & TC department S.B. Jain Institute Of Technology, Management & Research, Nagpur	1 Week 28/01/2022 to 02/02/2022
		7) Faculty Orientation Workshop for TE revised syllabus structure on subject “Digital Image Processing”	BOS SPPU and JSPM Narhe Technical Campus, Pune	3 Days 31/01/2022 to 02/02/2022
		8) FDP on “Modern Trends in Energy Systems”	Electrical Engineering, AISSMS COE	1Week 07/02/2022 to 11/02/2022
		9) STTP/Refresher Program on "Project-Based Learning (PBL)"	Department of E&TC of AISSMSCOE, Pune	One Week 21/02/2022 to 26/02/2022
	<b>Total FDP/STTP/Workshop Attended: 9</b>			
4	Mr. S B Dhekale	1) Online 1 Week FDP on Augmented Reality and Virtual Reality	ISTE NewDelhi	21-06-2021 To 25-06-2021
		2) FOW on Fundamentals of JAVA	SPPU, AISSMSCOE	26/7/2021 to 28/7/2021

		3) STTP/Refresher Program on "Project-Based Learning (PBL)"	Department of E&TC of AISSMSCOE, Pune	One Week 21/02/2022 to 26/02/2022
<b>Total FDP/STTP/Workshop Attended: 3</b>				
		1) Online 1 Week FDP on Augmented Reality and Virtual Reality	ISTE NewDelhi	21-06-2021 To 25-06-2021
5	Mr. N P Mawale	2) STTP on "Innovative and Inventive Problem Solving"	Production Department, AISSMSCOE	13/07/2021 to 18/07/2021
		3) International Conference on Smart Generation Computing, Communication and Networking (SMART GENCON-2021)	IEEE Pune Section & E&TC Department, AISSMS COE, Pune	29-30 October, 2021
		4) Faculty Orientation Workshop for TE E&TC 2019 revised syllabus structure on subject Power Devices and Circuits	BOS E&TC SPPU , Pune and MMCOE, Pune	27/01/2022 to 29/01/2022
		5) STTP/Refresher Program on "Project-Based Learning (PBL)"	Department of E&TC of AISSMSCOE, Pune	One Week 21/02/2022 to 26/02/2022
<b>Total FDP/STTP/Workshop Attended: 4</b>				
6	Ms V D Nagrale	1) STTP on "Innovative and Inventive Problem Solving (IIPS-2021)", Sponsored by AICTE, New Delhi, India	Production S/W department, AISSMS COE,	One week 29 June - 04 July 2021
		2) Online 1 Week FDP on Augmented Reality and Virtual Reality	ISTE NewDelhi	21-06-2021 To 25-06-2021

		3) FDP on “Modern Trends in Energy Systems”	Electrical Engineering, AISSMS COE	1Week 07/02/2022 to 11/02/2022
		4) STTP/Refresher Program on "Project-Based Learning (PBL)"	Department of E&TC of AISSMSCOE, Pune	One Week 21/02/2022 to 26/02/2022
<b>Total FDP/STTP/Workshop Attended:4</b>				
7	Dr. P P Vast	1) Faculty Orientation Workshop for TE revised syllabus structure on subject “Embedded Processors”	Dept.of E&TC Engineering, Sinhgad College of Engineering, Pune41	31/01/2022 to 02/02/2022
		2) Faculty Orientation Workshop for TE revised syllabus structure on subject “Cellular Networks”	Maratha Vidya Prasarak Thakre college of engineering Nashik	27/01/2022 to 29/01/2022
		3) One Week Online STTP/Refresher Program on Project Based Learning	Department of E&TC, AISSMS COE Pune	21/02/2022 to 26/02/2022.
		4) Faculty Development Program on “Computer Vision and Deep Learning”	Dept. of E&TC Engineering, Marathwada Mitra Mandal's College of Engineering, Karvenagar, Pune	28/03/2022 to 01/04/2022.
		5) One Week Faculty Development Program on Modern Trends in Energy Systems	Department of Electrical Engineering, AISSMS COE, in association with IETE, IEI, IEEE	7th February - 11th February 2022
<b>Total FDP/STTP/Workshop Attended: 5</b>				
		1) Online 1 Week FDP on Augmented Reality and Virtual Reality	ISTE NewDelhi	21-06-2021 To 25-06-2021
8	Ms. V V	2) Faculty Orientation	Board of Studies	26/07/2021 to

	Deshmukh	Workshop on TE E&TC revised syllabus 2019 for the subject Computer Network	E&TC, Savitribai Phule Pune University, Pune organized by Dept. of E&TC, AISSMS Institute of Information Technology, Pune	28/07/2021.
		3) AICTE & ISTE approved one week Refresher Program on “ 3D Interaction using AR VR”	PCCOE Nigdi	23/12/2021-29/12/2021
		4) ATAL FDP on "Cyber Security & Digital Forensics"	Indian Institute of Information Technology Pune.	06/12/2021 to 10/12/2021
		5) STTP on “Innovative and Inventive Problem Solving”	Production Department, AISSMSCOE	29/6/2021 to 4/7/2021
		6) AICTE-ISTE sponsored Induction/Refresher program on “Electronic in AI & ML”.	Shah & Anchor Kutchhi Engineering College, Mumbai	06/01/2022 to 12/01/2022
		7) AICTE-ISTE sponsored Induction/Refresher program on “Low Power VLSI System Design”	Walchand Institute of Technology, Solapur	10/01/2022 to 15/01/2022
		8) One Week Faculty Development Program on “Modern Trends in Energy Systems”.	AISSMS COE, Electrical Engineering Department	07/02/2022 to 11/02/2022
		9) STTP/Refresher Program on "Project-Based Learning (PBL)"	AISSMS COE, E&TC Engineering Department	21/02/2022 to 26/02/2022
	<b>Total FDP/STTP/Workshop Attended: 9</b>			
		1) Online 1 Week FDP on Augmented Reality and Virtual Reality	ISTE NewDelhi	21-06-2021 To 25-06-2021
9	Mrs. V S Navale	2) FOW on	SPPU,	26/7/2021 to

		Fundamentals of JAVA	AISSMSCOE	28/7/2021
		3) STTP on “Innovative and Inventive Problem Solving”	Production Department, AISSMSCOE	29/6/2021 to 4/7/2021
		4) STTP/Refresher Program on "Project-Based Learning (PBL)"	Department of E&TC of AISSMSCOE, Pune	One Week 21/02/2022 to 26/02/2022
		5) FDP on “Modern Trends in Energy Systems”	Electrical Engineering, AISSMS COE	1Week 07/02/2022 to 11/02/2022
		6) AICTE-ISTE sponsored Induction/Refresher program on “Electronic in AI & ML”.	Shah & Anchor Kutchhi Engineering College, Mumbai	06/01/2022 to 12/01/2022
		7) Faculty Development Program on “Computer Vision and Deep Learning”	Dept. of E&TC Engineering, Marathwada Mitra Mandal's College of Engineering, Karvenagar, Pune	28/03/2022 to 01/04/2022.
	<b>Total FDP/STTP/Workshop Attended: 7</b>			
10	Mrs. Y P Lad	1) AICTE & ISTE sponsored one week Refresher course on 3 D Interaction Design using AR VR	PCCOE, Nigadi	23.12.2021 to 29.12.2021
		2) Online 1 Week FDP on Augmented Reality and Virtual Reality	ISTE NewDelhi	21-06-2021 To 25-06-2021

		3) TE E&TC Faculty Orientation Workshop on Digital Communication	AIT, Pune	22.7.2021 to 24.7.2021
		4) Faculty Orientation workshop on Skill Development	Hosted by NMIET pune, under the aegis of BoS -E & TC SPPU Pune	30/07/21 to 31/07/2021
		5) Online one week STTP on “Internet of Things (IOT)” in collaboration with IETE	SBGI, Miraj	27/09/2021 to 1/10/2021
		6) AICTE-ISTE sponsored Induction/Refresher program on “Electronic in AI & ML”.	Shah & Anchor Kutchhi Engineering College, Mumbai	06/01/2022 to 12/01/2022
		7) AICTE-ISTE sponsored Induction/Refresher program on” Low Power VLSI System Design”	Walchand Institute of Technology, Solapur	10/01/2022 to 15/01/2022
		8) One Week Faculty Development Program on “Modern Trends in Energy Systems”.	AISSMS COE, Electrical Engineering Department	07/02/2022 to 11/02/2022
		9) STTP/Refresher Program on "Project-Based Learning (PBL)"	AISSMS COE, E&TC Engineering Department	21/02/2022 to 26/02/2022
		10) FDP on “Modern Trends in Energy Systems”	Electrical Engineering, AISSMS COE	1Week 07/02/2022 to 11/02/2022
	<b>Total FDP/STTP/Workshop Attended: 10</b>			
11	Mr. V B Gawai	1) FOW on Fundamentals of JAVA	SPPU, AISSMSCOE	26/7/2021 to 28/7/2021
		2) AICTE Quality Improvement Scheme (AQIS) sponsored one week online Short Term Training Program on	AISSMS COE Pune	13th July to 18th July 2021.

		“Innovative & Inventive Problem Solving		
		3) STTP/Refresher Program on "Project-Based Learning (PBL)"	Department of E&TC of AISSMSCOE, Pune	One Week 21/02/2022 to 26/02/2022
	<b>Total FDP/STTP/Workshop Attended: 3</b>			
12	Mrs.R R Itkarkar	4) Faculty Development Program on Python	E & ICT Academy, IIT Kanpur	5th July 2021 to 10th July 2021 (1 week)
		5) AICTE Quality Improvement Scheme (AQIS) sponsored one week online Short Term Training Program on “Innovative & Inventive Problem Solving	AISSMS COE Pune	13th July to 18th July 2021.
		6) Faculty Orientation workshop on Electromagnetic Field Theory	Hosted by PICT pune, under the aegis of BoS -E & TC SPPU Pune	22/07/21 to 24/07/2021
		7) Faculty Orientation workshop on Skill Development	Hosted by NMIET pune, under the aegis of BoS -E & TC SPPU Pune	30/07/21 to 31/07/2021
		8) 5G Colloquium	Organized by VIIT, Pune	26/07/21 to 31/07/21
		9) Completed one month online training on “ Innovation Ambassador training” (Foundation level)	MOEs Innovation cell & AICTE	30 <sup>th</sup> June 2021 to 30 <sup>th</sup> July 2021.
		10) AICTE-ISTE sponsored Induction/Refresher program on”Low Power VLSI System DEsign”	Walchand Institute of Technology, Solapur	10/01/2022 to 15/01/2022
		11) STTP/Refresher Program on "Project-Based	Department of E&TC of AISSMSCOE, Pune	One Week 21/02/2022 to 26/02/2022



		Learning (PBL)"		
		12) AICTE-ISTE sponsored Induction/Refresher program on "Low Power VLSI System Design"	Walchand Institute of Technology, Solapur	10/01/2022 to 15/01/2022
		13) STTP/Refresher Program on "Project-Based Learning (PBL)"	Department of E&TC of AISSMSCOE, Pune	One Week 21/02/2022 to 26/02/2022
		14) Participated in the Online Training Programme on "Reference Management and Data Visualization"	NITTR, Chennai	14.02.2022 to 18.02.2022 (One Week
<b>Total FDP/STTP/Workshop Attended: 11</b>				
13	Mrs. S A Takalkar	FOW on Fundamentals of JAVA	SPPU, AISSMSCOE	26/7/2021 to 28/7/2021
		STTP on "Innovative and Inventive Problem Solving"	Production Department, AISSMSCOE	13/07/2021 to 18/07/2021
<b>Total FDP/STTP/Workshop Attended: 2</b>				
14	Mrs. P P Tayade	STTP/Refresher Program on "Project-Based Learning (PBL)"	Department of E&TC of AISSMSCOE, Pune	One Week 21/02/2022 to 26/02/2022
		Faculty Orientation Workshop for TE E&TC 2019 revised syllabus structure on Advanced Java Programming	BOS E&TC SPPU , Pune and MMCOE, Pune	27/01/2022 to 29/01/2022
<b>Total FDP/STTP/Workshop Attended: 2</b>				
<b>Total FDP/STTP/Workshop Attended:63</b>				

### CONFERENCES/ SYMPOSIUMS ATTENDED BY THE DEPARTMENT FACULTY

S N	Name of Faculty	Title of the Conference / Symposium	Organized By	Duration/ Dates
1	Dr. D G Bhalke Mr. A Y Kazi Dr. K B Chaudhari Mr. S B Dhekale Mr. N P Mawale Dr. P P Vast Ms. V D Nagrale Ms. V V Deshmukh Mrs. V S Navale Mrs. Y P Lad Mr. V B Gawai Mrs. R R Itkarkar Mrs. S A Takalkar Mrs. P P Tayade	International Conference on Smart Gen Computing, Communication and Networking SMARTGENCON-2021 Technically Co-Sponsored by IEEE Pune Section Keynote Speakers: Dr. Deepak Waikar, Chair, IEEE Education Society, Singapore Chapter  Dr. Alexandros-Apostolos A. Boulogeorgos, Research Assistant/Project Engineer, University of Piraeus, Greece  RaneenKango, Software Engineer, Amaan, Jordan  Dr. GwoGiun Chris Lee, Professor, National Cheng Kung University, Taiwan	Technically Cosponsored by IEEE Pune Section and AISSMSCOE,E& TC Department	29/10/2021 & 30/10/2021 157 IEEE: 55 Guests: 102
<b>Total number of Faculty Attended Conference:14</b>				

### EXTENSION LECTURES (LECTURES DELIVERED BY VISITING GUESTS)

S N	Name of faculty coordinator	Topic	Name and contact details of guest	Date
1	Mr.V.B.Gawai	New Technologies in Software, Career perspective in software	Mr. Irfan Momin	4/12/2021

		domain		
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**FACULTY SERVED AS RESOURCE PERSON, EXPERT OR CHAIRPERSON**

<b>S N</b>	<b>Name of Faculty</b>	<b>Title of Activity</b>	<b>Organizing body</b>	<b>Date</b>
1	Dr. D G Bhalke	1) Delivered Webinar on “National Education Policy 2020”	P K International School, Kadachiwadi, Chakan, Pune	24/7/2021
		2) Dr. D G Bhalke Worked as resource person for faculty orientation workshop on TE(E&TC) revised syllabus for the subject “Skill Development”	NMIT Talegaon, BoS, Pune	31/7/2021
		3) Dr. D G Bhalke Invited as resource person for webinar on “ Quality Education, Accreditation and Teacher development” at COE Osmanabad on 06th August 2021	COE Osmanabad	06/8/ 2021
		4) Dr. D G Bhalke Invited as resource person for webinar on “ How to do Literature Survey” at SPCOE Otur on 07th Sep 2021	SPCOE, Otur, Pune	07/9/2021
		5) Dr. D G Bhalke Invited as resource person for webinar on “ Industrial Requirement from Professional	ISF of M H Saboo siddik COE, Mumbai	06/9/2021

		Colleges and Engineering Graduates” organized under ISF of M H Saboo siddik COE, Mumbai on 06th Sep 2021		
		6) Expert for CAS interview	MESCOE Pune	25/02/2022
		7) Expert to evaluate Research proposal	Solapur University	24/09/2022
		8) Member BoS (E&TC)	DY Patil University, Ambi, Pune	
		9) Member, Pune Local center	IETE, Pune Local center	
		10) Technical Programme Committee for IEEE International Conference	Amity university, New Delhi	
		11) Technical Programme Committee for International Conference	PICT Pune	
		12) Technical Advisory members on IEEE International Conference on I2CT	I2CT	
2	Dr. K B Chaudhari	1) Invited as a Technical Programme Committee member	ICALCS - 2022	December 16 – 17, 2022
		2) Worked as a Resource Person in Faculty Orientation Workshop on TE(E&TC) revised syllabus (2019 Course) under the aegis of Board of Studies (E&TC),	31/01/2022 to 02/02/2022. SPPU	01/2/2022

		Savitribai Phule Pune University, organized by, Dept. of E&TC Engineering ,Sinhgad College of Engineering, Pune 41 from 31/01/2022 to 02/02/2022.		
3.	Dr. P P Vast	1) Worked as a Resource Person in Faculty Orientation Workshop on TE(E&TC) revised syllabus (2019 Course) under the aegis of Board of Studies (E&TC),	Savitribai Phule Pune University, organized by, Dept. of E&TC Engineering ,Sinhgad College of Engineering, Pune 41	31/01/2022 to 02/02/2022
4	R R Itkarkar	1) Expert session on Unit-5 in Digital communication	AIT, Pune , under the aegis of BoS -E & TC SPPU Pune	24/07/2021
5	Mr. N P Mawale	1) Expert session on Institution of Engineers (I), Opening of Student Chapter 2) Delivered Session on “Benefits and Opportunities of Professional Students Chapter” 3) Invited as Chief Guest on Teacher’s Day	Mechanical Engineering Deptt. SSGMCE, Shegaon  AISSMS IOIT  AISSMS Polytechnic	28/8/2020  7/9/2021  6/9/2021
6	Ms V D Nagrale	1) Resource person at 5 days FDP on “Software Based Case Studies for Development of Multidisciplinary Projects”.	Organized by Department of Computer Engineering in Association with Faculty Development Cell, AISSMS College of Engineering, Pune, Maharashtra,	22/11/2021 to 26/11/2021

7	Mr. V.B.Gawai	1) Resource person at 5 days FDP on “Software Based Case Studies for Development of Multidisciplinary Projects ”.	Organized by Department of Computer Engineering in Association with Faculty Development Cell, AISSMS College of Engineering, Pune, Maharashtra,	22/11/2021 to 26/11/2021
<b>Total Faculty Served As Resource Person, Expert Or Chairperson :07</b>				

#### EXTENSION ACTIVITIES CONDUCTED BY THE DEPARTMENT

S N	Name of Faculty Coordinator	Details of activity conducted	Date
1	Mr. S B Dhekale Mrs. V S Navale	Inauguration Ceremony of TE Revised Syllabus 2019 under the aegis of BoS (E&TC) SPPU. Chief Guest:1) Dr. K V Srinivasan, TIFR Senior Scientist 2. Mr. Uday Kshirsagar, Founder Director Spitzen Energy Solution (India and Germany)	22/7/2021
2	Mr. N P Mawale	Webinar on “ Entrepreneurship and Atmanirbhar Bharat for Start Up India” Speaker: Dr. Enti Ranga Reddy	7/7/2021
3	Mr. S B Dhekale and Faculty Members	SE Students Induction program with 15 Webinars Series	23/8/2021 to 27/8/2021
4	R R Itkarkar	Organized Science Exhibition at Kalyan Goan under AISSMS COE IEEE student Branch and donated science projects to Madhyamik Vidyalay Kalyan Pune	28/02/2022
<b>Total Number of Extension Activities Conducted:04</b>			

#### STUDENTS’ CHAPTERS /CLUBS

S. No	Name of Students’ Chapter	Number of Student Members
01	Daexus Data Science Club (Faculty Coordinator-Mr. V B Gawai)	35
02	IETE Students Forum (Faculty Coordinator -Mr. S B Dhekale)	47
03	The Institution of Engineers (India) (Faculty Coordinator - Mr. N P Mawale)	74

04	IEEE Student Branch(Faculty Coordinator -Mrs. R R Itkarkar)	35
05	ISTE Student Branch(Faculty Coordinator -Mrs. V S Navale)	52
06	Electronics for You Skill Center (Faculty Coordinator -Dr. P P Vast)	30
07	Drone and Robo Club(Faculty Coordinator- Mr. N P Mawale)	30
08	Coding Club(Faculty Coordinator- Mr. S B Dhekale)	23

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

**Name of Students' Chapter:** Institution of Engineers (India), Students' Chapter

**Faculty Advisor:** Prof Nitin Mawale

S.N	Date	Name of Activity	Topic	Speaker/Organizer(s)	No. of Participants
<b>2<sup>nd</sup> Quarter: July 2021 to September 2021</b>					
01	07.07.2021	Webinar	Webinar on Entrepreneurship and Atmanirbhar Bharat for StartUP India	Dr. Enti Ranga Reddy, Chairman & Managing Director, Legend Technologies (India) Pvt. Ltd. & Chairman AISC, IEI, Kolkata	2700+
02	24.08.2021	Webinar	Key to Stress and Time Management.	Dr. R. Jalnekar, Director, VIT Mr. N P Mawale	171
03	31.08.2021 to 01.09.2021	Online Hands-On Workshop	Two Day Hands-On Workshop on Machine Learning	Mr. Arunjit Choudhary, CEO,EBTS  Keynote address by Mr. Bharat Patel Mr. V B Gawai & Mr. N P Mawale	100+
04	31.08.2021	Webinar	Benefits of Student Chapter	Mr. N P Mawale	56
05	05.09.2021	Webinar	Teachers Day Celebration	Dr. D S Bormane Dr. D G Bhalke Mr. N P Mawale E&TC Dept. Students	67
06	06.09.2021 to 10.09.2021	Online Students Development Program (SDP)	1 week Students Development Program on "Drone Operations Development" in Association with	RGB Buds Group Mr. N P Mawale	64

			RGB Buds Group		
07	08.10.2021	Webinar	Webinar on “ How Graduates can manage their career amid CORONAVIRUS	Ms. Khushboo Verma, Soft Skills Trainer at ITM Business School, Mumbai. Mr. N P Mawale	66
08	09.10.2021	Webinar	Webinar on “Learning and Up skilling during Global Crisis”	Ms. Manisha Sachdev, Head Student , learning Vertical, ITM Group Mumbai  Mr. N P Mawale	88
09	11/09/2021 to 03/10/2021	Workshop	Workshop on Python and data science	Daexus Club Members	32
<b>Total number of Activities conducted by IEI Student Chapter:09</b>					

**Name of Students’ Chapter: IEEE Student Branch**

**Faculty Advisor: Mrs. R R Itkarkar**

SN	Event name and details of event	Details of faculty and students involvement, Name of chief guest, judges etc.	Duration and Dates	No of Participants
1	Awareness Session on 'IEEE Membership Benefits' Ms. Shreya Bhonsle, PR Team Member, IEEE Pune Section Mr. Piyush Chaudhari, Chair, AISSMSCOE IEEE Student Branch	Ms. Shreya Bhonsle, PR Team Member, IEEE Pune Section Mr. Piyush Chaudhari, Chair, AISSMSCOE IEEE Student Branch	13/08/2021	250 IEEE: 40 Guests: 210
2	Student Development Program (SDP) on Drones Operations Management Mr. Arjun Ghule, Director, RGB Group Mrs. Archana Ghule, Director, Buds Engineering Academy Dr. Pratima Kalyankar, Jaywantrao Sawant College	Mr. Arjun Ghule, Director, RGB Group Mrs. Archana Ghule, Director, Buds Engineering Academy Dr. Pratima Kalyankar, Jaywantrao Sawant College of Engineering Mr. B. Kranthi Kumar, Sahyadri College of Engineering and Management	06/09/2021 to 10/09/2021	250 IEEE: 70 Guests: 180



	of Engineering Mr. B. Kranthi Kumar, Sahyadri College of Engineering and Management .	Dr. Pallavi Adke, Buds Engineering Academy		
3	16th AISSMS Engineering Today 2021 – Silicon Fusion's Ideathon: National Level Idea Presentation Competition	Guest Jury - Mr. Suryakant Dodmise, Founder & CEO of SIBIC Business Incubator	30/09/2021 1	74 IEEE: 15 Guests: 59
4	Webinar on Career Opportunities in Artificial Intelligence and Machine Learning	Mr. Akhilesh Deo, Director, Automate Engineering Pvt. Ltd. Pune Ms.  Shweta Chaudhari, Senior Software Developer, Harbinger Systems	05/10/2021	100 IEEE: 40 Guests: 60
	Organization of 'IEEE Xtreme 15.0 Programming Competition'	Proctor – Dr. M.H.Dhend, IEEE Senior Member (No. 93243765), AISSMS COE Pune	23/10/2021	15 IEEE: 15 Guests: 00
5	International Conference on Smart Generation Computing, Communication and Networking (SMARTGEN – 2021) (Technically CoSponsored by IEEE Pune Section)	Keynote Speakers: Dr. Deepak Waikar, Chair, IEEE Education Society, Singapore Chapter  Dr. Alexandros-Apostolos A. Boulogeorgos, Research Assistant/Project Engineer, University of Piraeus, Greece  Raneen Kango, Software Engineer, Amaan, Jordan  Dr. Gwo Giun Chris Lee, Professor, National Cheng Kung University, Taiwan	29/10/2021 & 30/10/2021	157 IEEE: 55 Guests: 102
6	Expert Talk on Battery Management and Designing – A Practical Approach	Mr. Rushab Shingi, Design Engineer, AX Design Pune	13/11/2021 E	100 IEEE: 30 Guests: 70
7	Webinar Series on Research Methodology	Dr. Mausmi Munot, PICT, Pune  Dr. Nikesh Uke, KJEI's Trinity Academy of Engineering Pune  Dr. S M Gulhane, Principal, Pravara Rural COE, Loni  Dr. Parikshit N Mahale VIIT Pune	15/11/2021 to 23/11/2021	350 IEEE: 150 Guests: 200

		Dr. Piyush Kumar, Professor, East West College of Engineering, Bengaluru  Dr. D.G.Bhalke, AISSMS COE, Pune		
8	AISSMS COE IEEE membership drive for SE in offline	R R Itkarkar & Piyush Chaudhari	10/02/2022	75
9	Science Exhibition at Kalyan Goan under AISSMS COE IEEE student Branch and donated science projects to Madhyamik Vidyalay Kalyan Pune	R R Itkarkar, AISSMS COE IEEE EXICOM Team and IEEE student Members	28/02/2022	35
10	Expert Lecture on GSM Technology and 4G LTE technology by Mr. Nilesh Wankhede from BSNL Pune	R R Itkarkar & Piyush Chaudhari	06/04/2022	67
<b>Total Activities conducted by IEEE :10</b>				

**Name of Students' Chapter: IETE**

**Faculty Advisor: Mr. S B Dhekale**

SN	Event name and details of event	Details of faculty and students involvement, Name of chief guest, judges etc.	Duration and Dates	No of Participants
1	IETE Student Forum (ISF), AISSMS COE Pune organized an inaugural ceremony of IETE student Forum(ISF).....!! Topic : Research and Technologies Driving 5G Advanced & Leading Towards 6G	Chief Guest: Dr. M H Kori Vice president IETE	22/12/2021	210
<b>Total Activities Conducted by IETE Student forum: 01</b>				

**Name of Students' Chapter: ISTE**

**Faculty Advisor: Mrs. V S Navale**

Initiated and Designed by IQAC, AISSMS COE PUNE

SN	Event name and details of event	Details of faculty and students involvement, Name of chief guest, judges etc.	Duration and Dates	No of Participants
1	Webinar	Opportunities and Preparation for Campus Placement. Speaker:Mr. S P Raoborde,TPO, JSPM Mr. S B Dhekale	23/8/2021	122
2	Webinar	Being Interview Ready and Cultivating Emotional Intelligence for Work Ready. Speaker: Ms. Monika Nehe, Assistant Manager,US West TCS  Mrs. V S Navale Dr. P P Vast	23/8/2021	137
3	Webinar	Panel Discussion : BE E&TC 2020-21 Batch Students. Mr. S B Dhekale	24/8/2021	100
4	Webinar	Key to Stress and Time Management. Speaker: Dr. R. Jalnekar, Director, VIT Mr. N P Mawale	24/8/2021	171
5	Webinar	Internship and Innovation as a Career Opportunity.Speaker: Mr. Suryakant Dodmise,SIBIC Business Incubator,Founder and Chief Executive Officer  Mrs. K B Chaudhari Ms. V D Nagrale	25/8/2021	90
6	Webinar	Problem Based Learning. Speaker: Dr. Gayatri M Phade, Professor, Sandip Foundation Nashik Mrs. R R Itkarkar	25/8/2021	112
7	Webinar	Outcome Based Learning. Speaker: Dr. D G Bhalke Dr. D G Bhalke	24/8/2021	50
8	Webinar	Students Internship. Speaker: Mr. Rajesh Vartak	26/8/2021	100+

		Ms. V V Deshmukh		
9	Webinar	Counseling Session for Personal and Professional Growth. Speaker: Mr. Touheed Mujawar, CEO and Founder Center of Carrier Development and Placement Mr. V B Gawai	26/8/2021	150
10	Webinar	Career Scope in IT Sector. Speaker: Mr. Avinash Chauhan, Software Developer, FIS Global Mr. V B Gawai	27/8/2021	70
11	Webinar	A webinar on Electronics Demystified. Speaker: Prof. N. V. Marathe, Walchand College of ENgineering	26/08/2021	70
12	Expert Session	“ Advances in Communication Systems” Speaker: Mr. Anirudha Kulkarni RF Engineer RF Lab Solutions	12/4/2022	70
13	Expert Session	“ Recent Trends and Technologies in FOC” Speaker: Mr. Sudam Chavan Deputy General Manager Tata Communications	19/4/2022	70
14	Mini Project Competition	Mini Project Competition conducted for TE (E&C) students	05/05/2022	80
<b>Total Activities Conducted by ISTE Student Chapter: 14</b>				

#### **PAPERS PUBLISHED IN PROCEEDINGS OF CONFERENCES JOURNAL**

<b>Authors</b>	<b>Title of paper</b>	<b>Details of Journal</b>
Ms V V Deshmukh	“Investigational outcomes obtained from diabetic and nondiabetic volunteers using noninvasive microwave based glucometer”	Scopus indexed IJETAE journal with volume 12 issue 6 ,June 2022 .ISSN: 2250-2459
<b>Total Paper Published : 01</b>		

## PAPERS PUBLISHED IN PROCEEDINGS OF CONFERENCES

Authors	Title of paper	Details of Conference (Name of conference, dates and duration, Organizing body details, ISBN)
Mrs.R R Itkarkar, Dr V N Patil & Dr D S Bormane	“Role of Women in science and technology research”	International conference on gender equality and women empowerment (ICGEWE-2022) on 8th March 2022
Mr. S B Dhekale, Miheeka Khair, Mamta Patni and Sana Subhedar	“Voice Tone Analyzer Using MI”	2 <sup>nd</sup> National Conference on Engineering and Technology 2022 NCIET 2022, 20/5/2022
MRs. P P Tayade, Deepali Dalvi, Prachi Kshirsagar, Shirish Nandkar	“Theft Vehicle Live Location Retrieving and Accident Location Intimation Through SMS”	2 <sup>nd</sup> National Conference on Engineering and Technology 2022 NCIET 2022, 20/5/2022
Daulapap Bhalke and Daideep Bhingarde	“Stock Price Prediction Using Long Short Term Memory”	2 <sup>nd</sup> National Conference on Engineering and Technology 2022 NCIET 2022, 20/5/2022
Mrs. V S Navale, Tanmayee Gajare, Krutika Jagtap and Suvidhan Mane	“Automated Data Entry Using Robotic Process Automation”	2 <sup>nd</sup> National Conference on Engineering and Technology 2022 NCIET 2022, 20/5/2022
Mrs. Rajeshri Itkarkar, Anushka Tidke, Shivam Deshmukh and Aniket Dalvi	“Detection And Diagnosis Of Covid-19 Using Pnuemonia”	2 <sup>nd</sup> National Conference on Engineering and Technology 2022 NCIET 2022, 20/5/2022
Mr. Sudhir Bhosale, Suyash Rajpure, Megha Tadge and Monali Londhe	“Timer controlled automatic switch for 3 phase induction motor”	2 <sup>nd</sup> National Conference on Engineering and Technology 2022 NCIET 2022, 20/5/2022

**Total Papers Published In Proceedings of Conferences :07****BOOK/ ARTICLE PUBLICATIONS**

Author	Title of the Book	Published by	ISBN /ISSN	Year
Mr. S B Dhekale	Fundamentals of Java Programming	Technical Publication	978-93-91567-91-0	2021
<b>Total number of Book Published:01</b>				

**PATENTS, COPYRIGHT, TRADEMARK AND OTHER (IPR)**

Sr No.	Name of Faculty	Name of the Patent	Patent Number and Date	Type (National/ International/Commercialized)
1.	Mrs.R R Itkarkar	Writing Board with arrangement of Projector and camera	Design no. 350663-001 Granted on 24/11/2021	National- Indian Patent
2.	Dr. D.G. Bhalke	A Novel IOT Based agriculture soil and irrigation drainage making machine	350165-001, 26/09/2021	National , Design patent
<b>TOTAL PATENTS, COPYRIGHT, TRADEMARK AND OTHER (IPR) :02</b>				

**RESEARCH CITATIONS (Source of Data: Google scholar)**

Name of faculty	Citations
Dr D S Bormane	871
Dr D G Bhalke	273
Dr. K B Chaudhari	04
Mr. N P Mawale	03
Ms. V V Deshmukh	112
Mrs.R R Itkarkar	64
Ms S A Takalkar	07
Ms P P Tayade	14
<b>Total</b>	<b>1348</b>

**NUMBER OF STUDENTS PLACED**

Sr No	Name of Organization visited	Number of students Participated	Number of students Placed
1	18	63	37

Lower Package Offered: 3.0L/A

Higher package Offered: 6.5L/A

Average Package Offered: 3.6L/A

### NUMBER OF STUDENTS QUALIFIED IN THE EXAMINATION

GATE	GRE	UPSC	MPSC	Any other reputed examination for Higher studies (TOFEL, etc.)
2 Arindam Pal Tanmayee Gajare	1 Mihir Hambir	-	-	-

### INDUSTRIAL VISITS ORGANISED

Sr. No.	Faculty Coordinator	Class and (Number of students attended)	Industry Name and Address	Date of visit
1	Ms. P.P. Tayade	34 (Online)	CSM Digital Technology (Chinchwad Station, Pune)	4th October 2021
2	Ms. V V Deshmukh	TE and BE	MAPRO FOOD PARK, Wai	8/4/2022
<b>Total Number of Industrial Visit Organised:02</b>				

### EXPERT LECTURES DELIVERED BY INDUSTRY EXPERTS

Sr. No.	Faculty Coordinator	Class (Number of students attended)	Name, Industry, designation and contact details of Expert	Topic	Date
1	Mrs. R R Itkarkar	TE- E & TC 70 IEEE: 30 Guests: 50	Expert Talk by Mr. Rushab Shingi, Design Engineer, AX Design Pune	Battery Management and Designing – A Practical Approach	13/11/2021
2	Mrs. R R Itkarkar	TE:67	Expert Lecture on GSM Technology and 4G LTE technology by Mr. Nilesh Wankhede from BSNL Pune 06/04/2022	GSM Technology and 4G LTE technology	6/4/2022
3	Mrs. V S	SE:70	Mr. Anirudha Kulkarni RF Engineer	Advances in Communication	12/4/2022

	Navale		RF Lab Solutions	tion Systems”	
4	Dr. P. P. Vast	TE, SE:62	Mr. sudam Chavan, DGM, Tata Communication	Recent Trends and Technologies in FOC	19/04/2022
<b>Total Number of Expert Lecture Conducted by Industry Expert:04</b>					

#### INDUSTRY –SPONSORED PROJECTS (UG/PG)

Sr. No.	Name of Project guide	Year	Title of Industry Sponsored Project	Name of Sponsoring Industry
1	Dr D G Bhalke	21-22	IoT in Pre-Forging Process	Bharat Forge Ltd, Pune
2	Mrs.R R Itkarkar	21-22	Driver Monitoring System for Digital Twin	Intangles Lab Pvt Ltd, Pune
3	Mr.V B Gawai	21-22	CNC PCB Router	My Future Town Pune
<b>Total Industry Sponsored Project:03</b>				

#### MOU SIGNED WITH INDUSTRY

Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto (00/00/0000)
1	Dr. P P Vast Mrs. V S Navale	PMP Automation Pvt. Ltd.	24/9/2021	24/9/2024
2	Ms. P.P.Tayde	CSM Solutions	17/9/2021	17/9/2024
3	Mrs. S.A.Takalkar	Automate Engineers	23/9/2021	22/9/2022
4	Ms. P.P.Tayde	Startech Engineers	13/10/2021	13/10/2024
5	Dr. D.G.Bhalke	Firenest Reality Consulting Pvt. Ltd.	16/11/2021	16/11/2026
6	Ms. V. V. Deshmukh Mrs. Y. P. Lad	Sunshine Powertronics, Manjari, Pune	7/2/2022	6/2/2025
7	Mr. S B Dhekale	Wish Energy Pvt. Ltd Pune	22/03/2022	21/03/2027
<b>Total Number of MoU Signed:07</b>				



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

Sr. No.	Name of the Student	Name of the Industry	Class	Training duration		
				Start date	Last date	Duration (days)
1	PranavPatil	Tata Sons Ltd	TE	20/12/21	20/03/2022	3 months
2	AmanSagar	Tata Sons Ltd	TE	20/12/22	20/03/2022	3 months
3	VedantDere	Bubble AI	TE	17/12/21	31/01/2022	1.5 month
4	HolkarvaibhavRameshwar	Healthcare Dignostic Ltd	TE	13/12/21	31/01/2022	1.5 month
5	Khachane Himalay Madan	eMomey solution	TE	21/12/20 21	19/01/2022	App 1 month
6	Mayuri Desai	CSM Digital Technologies	TE	22/12/21	13/02/22	App 1.5 month
7	Amol Vilas Rathod	CSM Digital Technologies	TE	22/12/22	13/02/22	App 1.5 month
8	Wadake Sanika Atul	Kalpataru	TE	25/1/202 2	25/02/22	1 month
9	Rakh Abhijit Ramdas	Automate Engineer's Ltd	TE	31/01/22	28/02/22	App 1 month
10	Rautrutujanitin	KalpataruPlasts	TE	25/1/22	25/02/22	1 month
11	Shinde Abhishek Bharat	Linkcode	TE	16/1/22	16/2/22	1 month
12	Deepak Pathak	CSM Digital Technologies	TE	22/12/21	23/01/2022	1 month
13	Shruti Gadve	Automate Engineer's Pvt Ltd	TE	27/12/21	13/02/2022	App 1.5 month
14	Warule Sahil Dipak	Automate Engineer's Pvt Ltd	TE	31/1/22	28/02/22	App 1 month
15	Parkhe Shreyash Eknath	Sunshine Power Electronics	TE	3/1/2022	15/02/2022	App 1.5 month
16	Bakare Yash Sanjay	Automic Engineers Pvt Ltd	TE	10/1/202 2	28/01/2022	18 days
17	Pravin Kailas Kunte	ENCON	TE	22/12/21	05/02/22	App 1.5 month
18	Rutamudaykhati	Dankel Tech	TE	22/12/21	31/01/22	App 1.5 month
19	Chauhan Deepesh Anand	Automate Engineer's Pvt Ltd	TE	31/01/22	28/02/22	App 1 month
20	Chothe Mrunmayee Tushar	FirstEigen	TE	26/12/21	31/01/22	App 1 month
21	Dabhade Janhavi Gajanan	BoLTs IOT	TE	27/12/21	05/02/2022	App 1.5 month
22	Piyush Dinesh Chaudhari	Automate Engineer's Ltd	TE	27/12/21	13/02/2022	App 1.5 month
23	Siddheshshivajim askare	CSM Digital Technologies	TE	22/12/21	13/02/2022	App 1.5 month

24	Jangam Abhishek Rajesh	Sunshine Power Electronics	TE	3/1/2022	03/02/2022	App 1 month
25	Dhapse Aditya Subhash	Schnell Technologies	TE	3/2/2022	15/02/2022	12 days
26	Gaikwad Vrushali Sadashiv	Diligence Tech	TE	3/1/2022	11/02/2022	App 1.5 month
27	Honkalse Yash Utkarsh	eptune Enterprises	TE	3/1/2022	10/02/2022	App 1 month
28	Deepali Rajendra Dalvi	CSM Digital Tech	TE	22/12/21	22/01/2022	App 1 month
29	Sabalenirajnamdev	CSM Digital Technologies	TE	22/12/21	22/01/2022	App 1 month
30	Vishwas Prathamesh Devidas	Teknik Engineers	TE	27/12/21	24/01/2022	App 1 month
31	Kadam Ganesh Rajesh	Kalika Steel Private Ltd., Jalna	TE	27/12/21	04/02/2022	App 1.5 month
32	Khande Abhishek Mahesh	Shiksha	TE	3/1/2022	17/02/22	App 1.5 month
33	Kumkar Aditya Bhausheb	Chaitanya	TE	3/2/2022	28/02/22	25 days
34	Nandkar Shirishtul Shiram	CSM Digital Technologies	TE	22/12/21	22/1/2022	App 1 month
35	Shweta Sharad Jagdale	Dankel Tech	TE	1/1/2021	31/1/2022	App 1 month
36	Tanvi Parmeshwar Gavhane	CSM Digital Technologies	TE	22/12/23	22/1/2022	App 1 month
37	Sumedha Shekhar Chaudhari	CSM Digital Technologies	TE	22/12/24	22/1/2022	App 1 month
38	Deshmukh Shraddha Avinash	Aviator Automation India	TE	27/12/21	27/1/2022	App 1 month
39	There Rohit Shalikrao	Dankel Tech, Sunshine Power Electronics	TE	3/1/2022	15/02/22	App 1.5 month
40	Bundhe Rushikesh Ashok	Dankel Tech, Sunshine Power Electronics	TE	3/1/2022	15/02/22	App 1.5 month
41	Saumya	DRDO Pune	TE	15/1/2022	20/2/2022	App 1 month 5 days
42	Vignesh Sridhar Iyer	CSM Digital Tech	TE	22/12/21	22/01/22	App 1 month
43	Ballal Ashwini Charuhas	Diligence Tech	TE	3/1/2022	11/2/2022	App 1 month 7 days
44	Sapna	Society for Space Education Research &	TE	10/1/2022	21/2/2022	App 1.5 month

		Development				
45	Rathod Chetana Kush	Dankel Tech	TE	1/1/2022	31/1/2022	App 1 month
46	Sutar Divya Vishnu	Diligence Tech	TE	10/1/2022	11/2/2022	App 1 month
47	Kunal Patilba Kadnor	CSM Digital Technologies	TE	22/12/21	13/02/22	App 1.5 month
48	Ashutosh Naresh Pardeshi	CSM Digital Technologies	TE	22/12/21	13/02/22	App 1.5 month
49	Pratiksha Pradip Kavthale	CSM Digital Technologies /ENCON	TE	05/01/22	05/02/22	App 1 month
50	Vora Diya Nischal	Shiksha	TE	3/1/2022	31/01/22	App 1 month
51	Yeole Amisha Milind	Diligence Tech	TE	3/1/2022	11/02/22	App 1 month 7 days
52	Patil Ram Dnyandeo	Shiksha	TE	3/1/2022	31/01/22	App 1 month
53	Dupargude Pooja Babasaheb	Automate Engineer's Pvt Ltd	TE	31/1/22	28/02/22	App 1 month
54	Kiran Zure	Microcon	TE	21/12/21	31/1/2022	App 1 month 10 days
55	Satyam Walekar	Microcon	TE	21/12/21	31/1/2022	App 1 month 10 days
56	Harsh Shah	CSM Digital Technologies	TE	22/12/21	13/2/2022	App 1.5 month
57	Gaikwad Vishakha Vinod	Aviator Automation India	TE	27/12/21	31/1/2022	App 1 month
58	Mujawar Shaista Jakir	Elon	TE	27/12/21	12/2/2022	App 1.5 month
59	Nelge Nisha Balawant	Elon	TE	27/12/21	12/2/2022	App 1.5 month
60	Nikam Sayali Sadashiv	NETTOYER AUTOMOTIVE	TE	19/1/22	14/2/2022	App 3 week
61	Nikita Ajitsinh Patil	CSM Digital Technologies	TE	22/12/21	31/01/2022	App 1 month 7 days
62	Samruddhi Nagesh Jadhav	CSM Digital Technologies	TE	22/12/21	31/01/2022	App 1 month 10 days
63	Pandey Minal Suresh	Shiksha	TE	3/1/2022	31/01/2022	App 1 month
64	Patil Shruti Sunil	Dankel Tech	TE	01/01/2022	31/01/2022	App 1 month
65	Parale Rajesh Yashwant	Data Tech Labs	TE	22/12/2021	31/01/2022	App 1 month 7 days
66	Munde Pritam Nathrao	Dankel Tech	TE	27/12/21	31/01/2022	App 1 month 7 days

67	Palash Dhande	Automate Engineer's Pvt Ltd	TE	27/12/21	13/02/22	App 1.5 month
68	Neeraj Mahajan	Automate Engineer's Pvt Ltd	TE	27/12/22	13/02/22	App 1.5 month
69	Shivam Kalane	Automate Engineer's Pvt Ltd	TE	27/12/23	13/02/22	App 1.5 month
70	Diksha Khade	Automate Engineer's Pvt Ltd &Shiksha	TE	27/12/24	03/02/22	App 1.5 month
71	Prachi Kshirsagar	Automate Engineer's Pvt Ltd	TE	27/12/25	13/02/22	App 1.5 month
72	Lole Pratima	Automate Engineer's Pvt Ltd	TE	27/12/26	13/02/22	App 1.5 month
73	Mubin Inamdar	Automate Engineer's Pvt Ltd	TE	27/12/27	13/02/22	App 1.5 month
74	Ayush Shetty	Tata Technologies	TE	3/01/22	1/4/22	App 3 month
75	Amble Vijay Dattatray	CSM Digital Technologies	TE	22/12/21	13/02/22	App 1.5 month
76	Chankeshwar Ishika Amit	CSM Digital Technologies	TE	22/12/21	13/02/22	App 1.5 month
77	Siddhi Devendra Nasare	CSM Digital Technologies	TE	22/12/21	13/02/22	App 1.5 month
78	Akshay Jadhav	Microcon&Encon	TE	05/01/22	20/02/22	App 1.5 month
79	Gaurav Singh	CSM Digital Technologies	TE	22/12/21	13/02/22	App 1.5 month
80	Arjun Singh	Picshort Private Limited	TE	04/12/21	06/02/21	App 2 month
<b>Total Number of Students Undergone In plant Training: 80</b>						

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

Sr. No.	Faculty Coordinators	Title of the Programme	Name of Industry	Participants	Type of Support/ Name & Designation of Expert
1	Mrs.R R Itkarkar	Awareness Session on 'IEEE Membership Benefits'	13/08/2021	250	AISSMSCOE Ms. Shreya Bhonsle, PR Team Member, IEEE Pune Section Mr. Piyush Chaudhari, Chair, AISSMSCOE IEEE Student Branch
2	Mrs. V S Navale Dr. P P Vast	Being Interview Ready and Cultivating Emotional Intelligence for Work Ready.	23/8/2021	137	AISSMSCOE Speaker: Ms. Monika Nehe, Assistant Manager,US West TCS
3	Mrs. K B	Internship and	25/8/2021	90	AISSMSCOE

	Chaudhari Ms. V D Nagrle	Innovation as a Career Opportunity.			Mr. Suryakant Dodmise, SIBIC Business Incubator, Founder and Chief Executive Officer
4	Ms. V V Deshmukh	Students Internship.	26/8/2021	100+	AISSMSCOE Mr. Rajesh Vartak
5	Mr. V B Gawai	Counseling Session for Personal and Professional Growth.	26/8/2021	150	AISSMSCOE Mr. Touheed Mujawar, CEO and Founder Center of Carrier Development and Placement
6	Mr. V B Gawai	Career Scope in IT Sector.	27/8/2021	70	AISSMSCOE Mr. Avinash Chauhan, Software Developer, FIS Global
7	Mr. V B Gawai	30 hours' workshop on "Python for Data Science" under Daeux Students Club	7/9/2021 to 7/10/2021	58	AISSMSCOE Mr. Shubham Ghodke MuSigma (Data Scientist)
8	Mr. N P Mawale	1 week Students development Program on "Drone Operations Development" in Association with RGB Buds Group	6/9/2021 to 10/9/2021	64	AISSMSCOE Mr. Ranjit Ghule RGB Buds Group
9	Mrs. R R Itkarkar	16th AISSMS Engineering Today 2021 – Silicon Fusion's Ideathon: National Level Idea Presentation Competition.	30/09/2021	74	AISSMSCOE - Mr. Suryakant Dodmise, Founder & CEO of SIBIC Business Incubator
10	Mrs. S A Takalkar	Webinar on Career Opportunities in Artificial Intelligence and Machine Learning	04/10/2021	80	AISSMSCOE Mr. Akhilesh Deo, Director, Automate Engineering Pvt. Ltd. Pune Ms. Shweta Chaudhari, Senior Software Developer, Harbinger Systems
11	Mrs. R R Itkarkar  Dr. D G Bhalke	International Webinar on 'Smart, Clean and Green Electrical Energy for the Sustainable Future' on the occasion of IEEE Day 2021 Celebration	05/10/2021	100	AISSMSCOE Dr. Deepak Waikar, Chair, IEEE Education Society, Singapore Chapter

12	Mrs.R R Itkarkar	Organization of 'IEEE Xtreme 15.0 Programming Competition'	23/10/2021	15	AISSMSCOE Dr. M.H.Dhend, IEEE Senior Member (No. 93243765), AISSMS COE Pune
13	Dr. D G Bhalke Mrs. R R Itkarkar	International Conference on Smart Gen Computing, Communication and Networking SMARTGENCON-2021 Technically Co-Sponsored by IEEE Pune Section	29/10/2021 to 30/10/2021	157	AISSMSCOE Keynote Speakers: Dr. Deepak Waikar, Chair, IEEE Education Society, Singapore Chapter  Dr. Alexandros-Apostolos A. Boulogeorgos, Research Assistant/Project Engineer, University of Piraeus, Greece  Raneen Kango, Software Engineer, Amaan, Jordan Dr. Gwo Giun Chris Lee, Professor, National Cheng Kung University, Taiwan
14	Mrs.R R Itkarkar	Expert Talk on Battery Management and Designing – A Practical Approach	13/11/2021	100	AISSMSCOE Mr. Rushab Shingi, Design Engineer, AX Design Pune
15	Mr. V B Gawai	Webinar on "Everything You Should Know About Incubation"	13/10/2021	88	Mr. Jagdish A Patel (Incubator Manager, SANDIP™ Incubator Association)
16	Mr. N P Mawale	Webinar on "Learning and Upskilling during Global Crisis"	9/10/2021	88	Ms. Manisha Sachdev, Head Student, learning Vertical, ITM Group Mumbai
17	Mr. N P Mawale	Webinar on "How Graduates can manage their career amid CORONAVIRUS"	8/10/2021	66	Ms. Khushboo Verma, Soft Skills Trainer at ITM Business School, Mumbai

18	Mrs. S A Takalkar	Webinar on “Career Opportunities in Artificial Intelligence and Machine Learning Systems Pvt. Ltd.	4/10/2021	60	Mr. Akhilesh Deo, Director at Automate Engineering Pvt. Ltd, Pune
19	Mrs. V S Navale	Webinar on “Defence Services in India”	3/10/2021	102	Mr. Pramod Vaidya(HR/Administration/IR Professional)
20	Mr. V B Gawai & Mr. N P Mawale	Two Days hands on Workshop “Machine Learning”	31/8/2021 to 1/9/2021	87	Mr. Arunjit Choudhary, CEO,EBTS Keynote address by Mr. Bharat Patel
21	Ms V D Nagrale	Webinar on Career path in RED HAT LINUX	18/11/ 2021	73	AISSMSCOE Ms. Rajlaxmi RED HAT LINUX
22	Mr. N P Mawale	Webinar on Entrepreneurship and Atmanirbhar Bharat for Start UP India	07/07/2021	2700+	AISSMSCOE
23	Mr. N P Mawale	Webinar on Innovation in Technology Adoption and Development of High Precision Slipping: A Case Study	18/07/2021	150+	AISSMSCOE
24	Mr. N P Mawale	Inauguration Ceremony of Solar Energy Society of India (SESI) AISSMSCOE Students’ Chapter	26/08/2021	200+	AISSMSCOE
25	Mr. N P Mawale	Student Development Program (SDP) on Drone Operation Management	06/09/2021 to 10/09/2021	50+	AISSMSCOE
26	Mr. N P Mawale	ISTE Self Sponsored 1Week Online STTP/Refresher Program Project Based Learning	1 Week 21/2/2022 to 26/2/2022	650+	AISSMSCOE

		(Ref. No. ISTE/Proceedings/Online STTP-SF-MAH-083/2021-22 Date: 21.01.2022			
27	Mrs. V S Navale	Expert session on “Advances in Communication Systems	11/4/2022	70	Mr. Anirudha Kulkarni RF Lab Solutions
28	Dr. P P Vast	Expert session on “Recent Trend and Technologies in FOC”	19/4/2022	75	AISSMSCOE Mr. Sudam Chavan, GM.Tata Communication
29	Ms. V V Deshmukh	Industry /Visit to MAPRO, Satara.	8/4/2022	70	AISSMSCOE
30	Mrs. R R Itkarkar	Expert Lecture on GSM Technology and 4G LTE technology by Mr. Nilesh Wankhede from BSNL Pune	06/04/2022	67	AISSMS COE Mr. Nilesh Wankhede from BSNL Pune
<b>Total Activities Conducted in Collaboration with Industry : 30</b>					

#### ANY OTHER ACTIVITIES TO PROMOTE INTERACTION WITH INDUSTRY

Sr. No.	Faculty coordinator	Name of Activity	Remark
1	Ms. Payal P. Tayade	Placement drive by “Sophos Technology Pvt. Ltd.” on 26th September 2021 at 11 am.	Smooth Conduction of Placement drive in an online mode  Link:” <a href="https://meet.google.com/hvc-sryk-onw">meet.google.com/hvc-sryk-onw</a>

#### SUPPORT FROM ALUMNI

Sr. No	Name of Alumni	Position and Organization	Batch	Details of Support	Date
1	Mr. Avinash Chavan	FIS Global, Software Developer	2016-17	Session on Career Opportunities in IT Sector	27/8/2021

#### STUDENTS’ ACHIEVMENT (Individual Level)

Name of Student	Details of Achievement (State/University/ National/International Level)
Shyamkrishnan Nair (Team Member)	Won Firodiya Karandak 2022
Meghana Nagdive (Team Member)	

Initiated and Designed by IQAC, AISSMS COE PUNE



Meghana Nagdive	Won DUET in Impression Event at COEP Pune
Piyush Chaudhary	Awarded as an Outstanding Student Branch Chair - 2021 (Received in January 2022)
Piyush Chaudhary	Student Member Volunteer of year 2021 (Received in January 2022)
<b>Total STUDENTS' ACHIEVEMENT (Individual Level):05</b>	

#### STUDENTS' ACHIEVEMENT (Team Level)

Name of Event	Name of Faculty Advisor	Details of Achievement (State/University/National/International Level)
Saumya Thakur Vignesh Iyer Satyam Walekar Vijay Amble Piyush Chaudhari	Mrs. R R Itkarkar	Coordinated successful execution of "Innovative Material Handling Ideas and Concepts" with Konecranes.
Nupur Chandane Siddhant Choughule Siddhi More Shyamkrishnan Nair Meghana Nagdive Sanjyot Dhole	Mrs. K N Kulkarni	Won Firodiya Karandak 2022
Deepali Dalvi Prachi Kshirsagar Niraj Sable Shirish Nandkar	Mrs. R R Itkarkar Dr. Vidya Patil	Selected for Final Round in SIH 2022
<b>STUDENTS' ACHIEVEMENT (Team Level) :03</b>		

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

<b>Number of students referred for counseling</b>	NIL
<b>Number of Faculty referred for counseling</b>	NIL

Faculty coordinator	CAREER GUIDANCE ACTIVITY DETAILS
Mrs. V S Navale	Webinar on "Defence Services in India" Mr. Pramod Vaidya(HR/Administration/IR Professional) 3/10/2021, Participants:102

## BEST PRACTICES FOLLOWED IN THE DEPARTMENT

- |                                 |
|---------------------------------|
| 1. One faculty One Industry     |
| 2. Active Student Chapter/Clubs |

## SWOC ANALYSIS

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

<b>Strengths</b>	1	Experienced Faculty
	2	Effective Teaching Learning Process
	3	Industry Institute Interaction
	4	Center of Excellence
	5	Active Student Chapter/Clubs

<b>Weaknesses</b>	1	Consultancy
	2	Research Grants
	3	Less number of Industry sponsored laboratories

<b>Opportunities</b>	1	To Increase Research and Development.
	2	To increase the number of Training Programmes
	3	To increase the number of Consultancies and funded Projects.
	4	To increase number of Ph.D. faculties
	5	To increase Research publications of faculties and Students

<b>Challenges</b>	1	To cope up with Dynamic changes in technology
	2	To improve number of Patents and Copyrights
	3	To increase Placement in core Industries

## FUTURE PLANS OF THE DEPARTMENT

<b>1</b>	To be NBA Accredited
<b>2</b>	To increase Industry sponsored Laboratories

<b>3</b>	To Launch certificate courses
<b>4</b>	To Strengthen Industry Institute Interaction

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

<b>Area</b>	<b>Initiatives</b>
<b>Academics</b>	Conducted Webinars and Expert Talk organized on Technical Topic
<b>Co-curricular</b>	Motivated Students to Participate in Various Sports and Cultural activities
<b>Social</b>	Motivated students to participate in NSS and various Social Programmes
<b>Infrastructure and facility</b>	Strengthened Departmental Student Clubs/Chapters
<b>Faculty Development</b>	Organized Faculty Development Program on “Project Based Learning

**SUMMARY SHEET**

<b>Sr No</b>	<b>Activity/ Item</b>	<b>Numbers</b>
01	Students in the department	230
02	FDP/STTP/Seminars/Conferences/Workshops/ Symposiums organized by the department	43
03	FDP/STTP/Seminars/Conferences/Workshops/ Symposiums attended by the department faculty	77
04	Extension lectures (lectures delivered by visiting guests)	01
05	Faculty served as resource person, expert or chairperson	07
06	Extension activities conducted by the department	04
07	Students’ chapter /clubs	08
08	Student events organized	43
09	Papers published in Journal	01
10	Papers published in proceedings of conferences	07
11	Book/ Article publications	01
12	Patents and other IPR	03
13	Students placed	37
14	Students qualified in the examination	03

15	PhD guides	01
16	Industrial visits conducted	02
17	Expert lectures delivered by industry experts	04
18	Industry –sponsored projects (UG/PG)	03
19	MOU signed with industry	07
20	Students undergone in-plant training and (or) internship programme	80
21	Workshops/seminars/conferences/courses conducted with industry support/collaboration (for students)	30
22	Any other activities to promote interaction with industry	01
23	Support from alumni	01
24	Sports / cultural achievements of students (Individual level)	05
25	Social activities organized	01
26	Alumni meet organized	01
27	Number of student counseling and career guidance sessions organized	01

## GLIMPSES (Photographs)



**Faculty Orientation Workshop for TE Revised Syllabus.26/7/2021 to 28/7/2021**



**Webinar Series on Research Methodology, 15/11/2021 to 22/11/2021**

**AISSMS**  
COLLEGE OF ENGINEERING


Approved by AICTE, New Delhi, Recognized by Govt. of Maharashtra,  
Affiliated to Savitribai Phule Pune University and recognized by SIU and IITB by UGC  
(Autonomous) (Approved by NAAC A++ Grade 'A')

**Department of Electronics and Telecommunication Engineering**  
In Association with  
The Institution of Engineers (India) Kolkata  
PRESENTS


**Two Day Hands-on Workshop**

**Machine Learning**

**Inaugural Function**




**Mr. Bharat S. Patel**  
*Chief Guest*  
Chairman, CPDB, at The Institution of Engineers (India),  
Director and COO at Yudiz Solutions Pvt. Ltd.



**Dr. D.S. Bormane**  
*Principal*  
AISSMS COE Pune  
Chairman BoS Flex/ETC Engg.  
SPPU, Pune

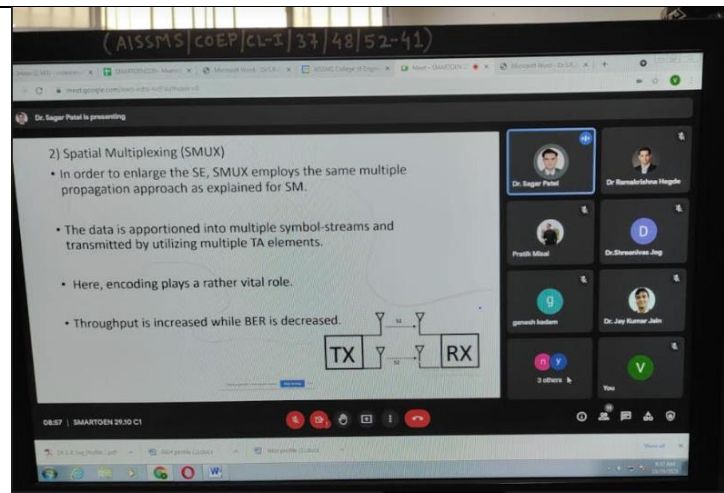
**Date : 31<sup>st</sup> Aug 2021 at 1:30 pm**



Mr.V.B.Gawal  
Mr.N.P.Mawale  
Coordinators

Dr.D.G.Shalke  
Convener and  
HoD E & TC

**Two days hands-on workshop in Machine Learning on 31/8/2021**



**SMARTGENCON 2021 organized by IEEE and AISSMSCOE, 29/10/2021, 30/10/2021**



**MoU signed with PMP Automation Pvt, Ltd. 16/9/2021**



**Faculty visit to Industry and MoU signing with "Sunshine Powertronics Pvt. Ltd.**



**Faculty Visit to Dankel Solutions Pvt. Ltd.**



**Faculty Visit to CSM Technology, 21/12/2021**

**AISSMS COLLEGE OF ENGINEERING**  
**The Institution of Engineers (India)**  
 8, Gokhale Road, Kolkata-700029, West Bengal, India  
 (Established in 1920, Incorporated by Royal Charter 1935)  
*History of Service to the Nation*  
**First Western Regional Conclave**  
 of  
**Students' Chapter of**  
**The Institution of Engineers (India) 2021-2022**  
 on  
**Role of Budding Engineers**  
**in Smart, Sustainable**  
**And Renewable Technologies**  
 during  
**9-10 December, 2021**  
 under the aegis of  
**All India Students' Committee**  
 at  
**AISSMS College of Engineering, Pune**

**Activities at a Glance**  
 Technical Quiz  
 Project Competition  
 Paper Presentation  
 Poster Competition  
 Coding on MATLAB  
 Circuit Wizard  
 Drone Competition  
 Robotics Competition  
 Digimania

Registration Link:  
<http://shorturl.at/qr7NO>

**AISSMS COLLEGE OF ENGINEERING**  
 DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING  
 ORGANISES AN  
**ALUMNI MEET**  
 To reminisce with your friends and share memories

MEETING PLATFORM  
  
 Google Meet

MEETING QR  


Date & Time  
**11 DEC 2021**  
**06.00-8.00 PM**  
 VIRTUAL MEET

REGISTER QR  


Principal  
**Dr. D S Bormane**  
 Faculty Coordinator  
**Miss V D Hegrale**  
 Head of Department  
**Dr. D C Bhalke**

<https://alumni.aissmscoe.com>  
[www.aissms.com](http://www.aissms.com)  
 CALL US  
 +91-9823603606

**First Western Regional Conclave 8/12/2021,9/12/2021 and 10/12/20**

**Alumni Meet conducted on 11/12/2021**



**Inauguration of ISF forum ,22/12/2021, Guest: Dr. M H Kori**

**Expert Session Conducted for SE and TE Students "Recent Trends and Technologies in FOC" on 19/04/2022, Guest: Mr. Sudam Chavan, DGM, Tata Communication**



**Student Visit to Bharat Electronics Limited, Pune ,17/12/2021**

**BE Project Exhibition Inauguration .19/04/2022**



**Mini Project Competition conducted for TE E&TC Students. 05/05/2022**



**Mini Project Competition conducted for TE E&TC Students. 05/05/2022**



**2<sup>nd</sup> National Conference on Engineering and Technology 2022. 20/5/2022**



**BE Project Exhibition. 19/04/2022**

**Dr. S B Dhonde  
Head of Department  
Electronics and Telecommunication Engineering**



# AISSMS

## COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय  
Accredited by NAAC with "A+" Grade



### Internal Quality Assurance Cell

## DEPARTMENT OF MECHANICAL ENGINEERING

### ANNUAL REPORT

(15 JUNE 2021 to 14 June 2022)

TERM ONE: 15 June to 30 November

TERM TWO: 01 December to 14 June

### Academic Year 2021 – 22

#### **Guidelines:**

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

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



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**1. PROFILE**

**OF**

**DEPARTMENT**

## 1.1 INTRODUCTION

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

## 1.2 LABORATORIES IN THE DEPARTMENT

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

## 1.3 SOFTWARES AVAILABLE IN THE DEPARTMENT

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

#### 1.4 FACULTY IN THE DEPARTMENT

<b>S N</b>	<b>Name of faculty</b>	<b>Designation</b>
1	Dr B D Bachchhav	<b>Professor</b>
2	Dr M R Phate	<b>Professor</b>
3	Dr Mrs P S Gajjal	<b>Associate Professor</b>
4	Dr M S Deshmukh	<b>Associate Professor</b>
5	Dr A V Waghmare	<b>Associate Professor</b>
6	Dr D Y Dhande	<b>Associate Professor</b>
7	Dr S H Wankhade	<b>Associate Professor</b>
8	Dr C S Choudhari	<b>Associate Professor</b>
9	Dr S V Chaitanya	<b>Assistant Professor</b>
10	Dr S R Patil	<b>Assistant Professor</b>
11	Mr P V Deshmukh	<b>Assistant Professor</b>
12	Mr R A Marne	<b>Assistant Professor</b>
13	Dr C S Dharankar	<b>Assistant Professor</b>
14	Dr S J Navale	<b>Assistant Professor</b>
15	Mr M U Gan	<b>Assistant Professor</b>
16	Mr P S Aglawe	<b>Assistant Professor</b>
17	Mr O A More	<b>Assistant Professor</b>
18	Mrs A A Tonde	<b>Assistant Professor</b>
19	Mr M S Swami	<b>Assistant Professor</b>
20	Mr G P Lohar	<b>Assistant Professor</b>
21	Mrs M P Shah	<b>Assistant Professor</b>
22	Dr M R Dahake	<b>Assistant Professor</b>
23	Mr M P Bauskar	<b>Assistant Professor</b>
24	Mrs S S Patil	<b>Assistant Professor</b>
25	Mr N N Gotkhindikar	<b>Assistant Professor</b>
26	Dr M M Sayyad	<b>Assistant Professor</b>
27	Dr A M Ramteke	<b>Assistant Professor</b>

28	Dr. D S Malwad	Assistant Professor
29	Mr Shahid Ali Ansari	Assistant Professor

### 1.5 DETAILS OF SUPPORTING STAFF

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

### 1.6 STUDENTS' ENROLLMENT

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

### 1.7 STUDENTS-FACULTY FEEDBACK DETAILS

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

6	Dr P S Gajjal	SE MS SM	90	89	89.5
7	Dr M S Deshmukh	SEA ET	74	79	76.5
8	Dr M S Deshmukh	BE A HVAC	99	100	99.5
9	Dr M S Deshmukh	BE B HVAC	89	87	88
10	Dr A V Waghmare	BE A HP	80	83	81.5
11	Dr A V Waghmare	BE B HP	78	81	79.5
12	Dr D Y Dhande	TE MS ACAE	81	82	81.5
13	Dr S H Wankhade	BE MS MTX	86	85	85.5
14	Dr C S Choudhari	TE A HMT	81	83	82
15	Dr S V Chaitanya	BE A AE	84	88	86
16	Dr S V Chaitanya	BE B AE	79	83	81
17	Prof S R Patil	TE A DME	81	81	81
18	Prof P V Deshmukh	SE A SMD	73	77	75
19	Prof P V Deshmukh	BE A CCA	78	83	80.5
20	Prof R A Marne	TE B DME	78	84	81
21	Dr C S Dharankar	BE A DOM	83	86	84.5
22	Dr C S Dharankar	BE B DOM	79	81	80
23	Dr S J Navale	TE A NSM	81	84	82.5
24	Dr S J Navale	TE MS HMT	79	82	80.5
25	Prof M U Gan	SE B ET	85	84	84.5
26	Prof P S Aglawe	TE MS NSM	74	81	77.5
27	Prof P S Aglawe	BE B CCA	79	81	80
28	Prof O A More	TE A MTX	78	82	80
29	Prof O A More	TE B MTX	74	81	77.5
30	Prof A T Thombare	TE MS DME	77	83	80
31	Prof M S Swami	SE A EMM	75	79	77
32	Prof M S Swami	SE MS SMD	89	92	90.5
33	Prof G P Lohar	SE MS ET	84	88	86
34	Prof M P Shah	BE A FEA	85	87	86

35	Prof M R Dahake	TE B HMT	78	84	81
36	Prof M P Bauskar	TE A MST	83	83	83
37	Prof M P Bauskar	TE B MST	100	100	100
38	DR. M M Sayyad	SE B SM	91	89	90
39	DR. M M Sayyad	TE B NSM	78	83	80.5
40	Prof K L Kumbhar	BE A EAM	81	83	82
41	Prof K L Kumbhar	BE B EAM	76	77	76.5
42	Prof N N Gotkhindikar	SE MS EMM	86	89	87.5
43	Dr D S Malwad	SE B SMD	91	88	89.5
44	Dr D S Malwad	BE B FEA	79	81	80
45	Dr A M Ramteke	TE B MST	75	79	77

<b>Term Two</b>					
Sr. No.	Name of faculty	Class and Subject taught	Feedback (I) (%)	Feedback (II) (%)	Average Feedback (%)
1	Dr B D Bachchhav	SE MS ME	83	84	83.5
		BE A AMP	96	96	96
		BE B AMP	100	100	100
2	Dr M R Phate	BE A MSD BE	79	85	82
		MS OR	74	68	71
3	Dr Mrs P S Gajjal	BE MS MSD	88	90	89
		BE B MSD	86	93	89.5
4	Dr M S Deshmukh	BE MS EA&M	88	92	90
		BE B EE	88	93	90.5
5	Dr A V Waghmare	BE MS HP	86	90	88
6	Dr D Y Dhande	TE B CAE	88	88	88
7	Dr S H Wankhade	BE A PDD	84	83	83.5
		BE B IE	85	80	82.5
8	Dr C S Choudhari	BE A EE	87	86	86.5
9	Dr S V Chaitanya	BE A IE	86	85	85.5
10	Dr S R Patil	SE B KOM	82	84	83
		SE MS KOM	69	78	73.5
11	Mr P V Deshmukh	TE A CAE	77	79	78
12	Mr R A Marne	TE A DTS	81	84	82.5
		TE B DTS	84	86	85
13	Dr C S Dharankar	BE MS MV	87	92	89.5
14	Dr S J Navale	SE B AT	84	86	85
		BE MS EE	87	91	89
15	Mr M U Gan	SE A FM	81	80	80.5



		SE B FM	85	87	86
16	Mr P S Aglawe	TE B AIML BE A Robo BE B Robo	84 70 70	85 69 100	84.5 69.5 85
17	Mr O A More	TE A SE	75	79	77
18	Mrs A A Tonde	SE A KOM	76	83	79.5
19	Mr M S Swami	TE B SE	83	85	84
20	Mr G P Lohar	SE MS TE	70	79	74.5
21	Mrs M P Shah	BE MS FEA BE MS CCA	90 93	99 84	94.5 88.5
22	Dr M R Dahake	SE A AT	81	77	79
23	Mr M P Bauskar	SE B MP	85	90	87.5
24	Mrs S S Patil				
25	Mr N N Gotkhindikar	SE A MP	89	90	89.5
26	Dr M M Sayyad	TE A CM TE B CM	87 86	85 90	86 88
27	Dr Mrs A M Ramteke	BE B PDD	78	85	81.5
28	Dr D S Malwad	TE A AIML BE A SWE BE B SWE	80 93 85	84 99 94	82 96 89.5
29	Mr Shahid Ali	SE MS FMM	85	85	85
30	Mr S T Surase	SE A EM III SE B EM III SE MS EM III	91 91 83	89 92 83	90 91.5 83

## 1.8 RESULT ANALYSIS

Term One		
Name of faculty	Class and Subject Taught	% passing
Dr B D Bachchhav	TE Mech (A) Advanced Forming & Joining Processes	100
Dr M R Phate	BE Mech (A&B) Operation Research	100
Dr Mrs P S Gajjal	SE Mech (A) Solid Mechanics	98.68
	SE Mech Sand Solid Mechanics	98.72
Dr M S Deshmukh	SE Mech (A) Engineering Thermodynamics	100
	BE Mech (A&B) Heating Ventilation & Air Conditioning	100
Dr A V Waghmare	BE Mech (A&B) Hydraulics & Pneumatics	100
Dr D Y Dhande	TE Mech Sand Fundamental of Computer Aided Engineering	100
Dr S H Wankhade	TE Mech Sand Mechatronics	100
Dr C S Choudhari	TE Mech (A) Heat & Mass Transfer	100
Dr S V Chaitanya	BE Mech (A&B) Automobile	100
Mr S R Patil	TE Mech (A) Design of Machine Elements	100
Mr P V Deshmukh	SE Mech (A) Solid Modeling & Drafting	98.68
	BE Mech (A) CAD CAM Automation	100
Mr R A Marne	TE Mech (B) Design of Machine Elements	100

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

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

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

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

Term One													
S	N	Class	Number of Students								Percentage of Passing		
			Appeared	Clear Passed	Outstanding (O) (9.1 - 10)	Excellent (A+) (8.1 - 9)	Very Good (A) (7.1 - 8)	Good (B+) (6.1 - 7)	Above Average (B) (5.1 - 6)	Average / pass class (4 - 5)	Fail (F) 0 - 3.99	All Clear	With ATKT
1		SE Mech (A)	76	75	33	37	5	-	-	-	1	98.68	100
2		SE Mech (B)	77	77	23	46	8	-	-	-	0	100	100
3		TE Mech (A)	86	84	79	5	--	-	-	-	2	98	100
4		TE Mech (B)	84	84	79		5	-	-	-	0	100	100
5		BE Mech (A)	70	69	68	1	-	-	-	-	1	98.57	100

6	BE Mech (B)	78	78	78	-	-	-	-	-	0	100	100
7	SE Mech Sand	78	72	23	45	4	-	-	-	6	92.31	100
8	TE Mech Sand	80	80	76	4	-	-	-	-	0	100	100
9	BE Mech Sand	78	77	76	1	-	-	-	-	1	98.72	100

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

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

### 1.10 UNIVERSITY RANKERS (Consider last five academic years)

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

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

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

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

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

Size of photo 5 cm x 7 cm with captions



**BE Mechanical A 2021- 22 Batch**



**BE Mechanical B 2021- 22 Batch**



**BE Mechanical Sandwich AY 2021- 22 Batch**

# **2. FACULTY CONTRIBUTION**



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

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

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

## 2.2 CONTRIBUTION OF FACULTY (Interaction with outside world)

Term One		
SN	Name of Faculty	Nature and details of contribution (Representation at University, State, National , International level, corporate world, Social Platforms, etc)
1	Dr P S Gajjal	<ol style="list-style-type: none"> <li>1. Subject Chairman for DoTS TE 2019 Course</li> <li>2. Subject Member for TE - Electric Vehicle Honors Course in Framing syllabus</li> </ol>
2	Dr C S Choudhari	<ol style="list-style-type: none"> <li>1. Subject Chairman for the subject Refrigeration and Air conditioning”</li> <li>2. Panel member for Energy management Honors Courses</li> </ol>
3	Dr. M. S. Deshmukh	1. Subject Chairman Exam- B.E.(2015 PAT.) (MECHANICAL) (7041566) Paper-Heating Ventilation & Air Conditioning(402044C)
4	Dr.S.R.Patil	1. Academic Advisor on Research Project of Defence Research Development Organisation, Pune
5.	Dr D Y Dhande	<ol style="list-style-type: none"> <li>1. Subject Chairman for the subjects Fundamentals of Computer Aided Engg (TE Mech SW); REsearch Methodology (ME-Mechanical Engg)</li> <li>2. Project Leader in Research project entitled “ DEvelopment of Environment friendly corrosion fouling inhibitors for marine applications” in association with UTM, UKM Mylasia and River Dale University, Nigeria as a part of Research Collaboration.</li> </ol>

Term Two		
SN	Name of Faculty	Nature and details of contribution (Representation at University, State, National , International level, corporate world, Social Platforms, etc)
01	Dr. Mangesh R. Phate	Session Chair in International conference on "Recent Advances in Materials, Manufacturing and Machine Learning(RAMMML-2022)" organised by YCCE Nagpur
02	Dr. Mangesh R. Phate	Expert Session on "NBA Attributes for the students" @ Zeal College of Engineering & Research, Pune on on 21/03/2022
03	Dr P S Gajjal	<ol style="list-style-type: none"> <li>1. Subject Member for TE - Electric Vehicle Honors Course in Framing syllabus</li> <li>2. Subject Member for BE- Process Equipment design in framing Syllabus</li> <li>3. Panel Member for BE Elec I Electric and Hybrid Vehicle</li> </ol>

### 2.3 e CONTENT DEVELOPED BY FACULTY AND AVAILABLE ONLINE

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

Term Two				
Sr No.	Name of Faculty	Title of e-content	e-content development facility/platform	link of the content
1.	P V Deshmukh	Videos	Video Lecturers for SMD, CCA	<a href="https://www.youtube.com/watch?v=iBaclKzMf40">https://www.youtube.com/watch?v=iBaclKzMf40</a> <a href="https://www.youtube.com/watch?v=Xwwanvsv7q8&amp;t=30s">https://www.youtube.com/watch?v=Xwwanvsv7q8&amp;t=30s</a>

## 2.4 FDP/STTP ATTENDED BY THE DEPARTMENT FACULTY

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

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

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

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

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

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

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



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

## 2.5 SEMINARS/ WORKSHOPS/ WEBINARS ATTENDED BY THE DEPARTMENT FACULTY

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

3	Dr S V Chaitanya	Electric Mobility As Future	Dr D Y Patil Pratishthan's Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune	25-29 Oct-2021
4	Dr. M. M. Sayyad	Innovation and Entrepreneurship	Maharashtra Institute of Technology, Aurangabad	08 Nov 2021
5	Dr. M. M. Sayyad	Life Skills and Mental Health	MGM's College of Engineering and Technology	01 Oct 2021
6	Dr. M. M. Sayyad	"IPR with reference patent drafting and filing in Indian context"	Institution's Innovation Council AISSMS COE & Sponsored by	14 Oct 2021
7	Dr. M. M. Sayyad	Mazi Vasundhara Mitra	Govt. of Maharashtra	09 Oct 2021
8	Dr. M. M. Sayyad	"Innovation, Entrepreneurship & Startup Week"	AISSMS's College of Engineering	11 Oct 2021
9	Dr. Mannan Sayyad	Smart, Clean and Green Electrical Energy for Sustainable Future	IEEE, AISSMS COE	05 Oct 2021
10	Dr. Mannan Sayyad	"DEVELOPING ENTREPRENEURSHIP PERSONALITIES"	Institution's Innovation Council AISSMS COE Innovation Cell	04 Oct 2021
11	Dr. Mannan Sayyad	"Developing a Culture of Innovation"	ASSIM COE TRIZ chapter	15 Sept 2021
12	Dr. Mannan Sayyad	Engineering for Healthy planet"	Indian Water Works	15 Sept 2021
13	Dr. Mannan Sayyad	"Essential Tips for Publishing in High Impact Journals"	Researcher Academy On Campus	08 Sept 2021
14	Dr B D Bachchhav	Mazi Vasundhara Mitra	Govt. of Maharashtra	09 Oct 2021
15	Dr B D Bachchhav	Syllabus implementation workshop, TE _Mechanical Elective Course	Amrutvahini College of Engineering, Sangamner	28 July 2021
16	Dr C S Choudhari	"Present and Future Energy Scenario in India"	Ganpat University - U.V. Patel College of Engineering	23th October 2021
17	Mr M R Dahake	Stress Management for Working Professional	BVCOE, Navi Mumbai	24th July 2021
18	Mr M R Dahake	Role of Professional Chapters in Enhancin Engineering Students Career Growth and Increasing Opportunities	AISSMSCOE Pune	26th June 2021
19	Mr M R Dahake	OBE in Pursuit of Academic Excellence-II	Karpagam Academy of Higher Education Coimbatore	24th June 2021

20	Mr M P Bauskar	“Automotive Industry Trends and Challenges (webinar)	AISSMS COE	10th July 2021
21	Mr M P Bauskar	“Developing a Culture of Innovation”(webinar)	AISSMS COE	15th Sept 2021
22	Mr M P Bauskar	“Developing Entrepreneurship Personalities”(lecture series)	AISSMS COE	04th Oct 2021
23	Mr M P Bauskar	“Innovation,Entrepreneurship & Startup Week” (Webinar)	AISSMS COE	11th Oct 2021
24	N N Gotkhindikar	Quiz on India at olympics	AISSMS COE	27.07.2021
25	N N Gotkhindikar	Two Days Hands-on Workshop on Machine Learning	AISSMS COE	31.08.2021-01.09.2021
26	N N Gotkhindikar	Webinar on Current scenario in India	AISSMS COE	05/10/2021
27	N N Gotkhindikar	Webinar on AUTOMOTIVE INDUSTRY TRENDS AND CHALLENGES	AISSMS COE	10/07/2021
28	N N Gotkhindikar	Webinar on Innovation in Technology Adoption and Development of High Precision Slipping: A Case Study	AISSMS COE	18/07/2021
29	N N Gotkhindikar	Webinar on OBE in pursuit of academic excellence	Karpagam university	24/06/2021
30	N N Gotkhindikar	Syllabus implementation workshop Mechatronics	MMIT Pune	27/06/2021
31	Dr Mrs P S Gajjal	Stress Management for Working Professional	BVCOE, Navi Mumbai	24th July 2021
32	Dr Mrs P S Gajjal	Role of Professional Chapters in Enhancing Engineering Students Career Growth and Increasing Opportunities	AISSMSCOE Pune	26th June 2021
33	Dr Mrs P S Gajjal	OBE in Pursuit of Academic Excellence-II	Karpagam Academy of Higher Education Coimbatore	24th June 2021
34	Shahid Ali	NPTEL E –Awareness Workshop	IIT Madras	November 25, 2021
35	Shahid Ali	Workshop on Automation Studio Simulation Software”	MESCOE Pune	16 Dec 2021
36	Shahid Ali	“e-Symposium on Building Innovation and Entrepreneurial Ecosystem	AICTE	<b>11 12 Dec 2021</b>
37	Shahid Ali	NPTEL E –Awareness Workshop	IIT Madras	<b>17 Nov 2021</b>
38	G.P.Lohar	“Electric Vehicle-Future Scope and Challenges”	Dr. D. Y. Patil Institute of Technology  Pimpri, Pune-18	<b>14th to 18th September 2021.</b>
39	Dr. M. S. Deshmukh	“Developing a Culture of Innovation”(webinar)	AISSMS COE	15th Sept 2021
40				

## Term Two

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

## 2.6 CONFERENCES/ SYMPOSIUMS ATTENDED BY THE DEPARTMENT FACULTY

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

<b>Term Two</b>				
<b>S N</b>	<b>Name of Faculty</b>	<b>Title of the Conference / Symposium</b>	<b>Organized By</b>	<b>Duration/ Dates</b>
1	Dr B D Bachchhav	International Conference on Materials Engineering and	Mattest Research Academy,	28-29-30 January 2022.

		Manufacturing Systems	Chennai, Tamil Nadu, India,	
2	M P Bauskar	Published Research Paper in Conference NCIET ON Experimental Analysis of E glass & Carbon	AISSMSCOE PUNE	20 May 2022
3	Dr. D S Malwad	Presented two papers in National Conference on Innovation in Engineering and Technology 2022	AISSMSCOE PUNE	20 May 2022

## 2.7 ONLINE COURSES / CERTIFICATE COURSES COMPLETED BY DEPARTMENT FACULTY

Term One				
S N	Name of Faculty	Title of the Course	Conducted By	Duration/ Dates
1	Dr S V Chaitanya	Mazi Vasundhara Mitra	Govt of Maharashtra Environment and Climate Change Department	09-Oct-2021
2	Dr. M. M. Sayyad	ATAL FDP on "Design, Synthesis and Characterization of Novel Materials	INDIAN INSTITUTE OF INFORMATION TECHNOLOGY TIRUCHIRAPPALLI	25/10 to 29/10/2021
3	Dr S H Wankhade	5 weeks Professional Certificate Course through Coursera on "Foundations: Data, Data, Everywhere"	Google Data Analytics, Coursera	09/08/21-13/09/21
4	Dr S H Wankhade	1 week Certificate course on "Foundation to Electric Vehicle Subsystems"	Decibels Labs Pvt. Ltd., Bangalore	11/10/21-18/10/21
5	N N Gotkhindikar	12 week NPTEL Course on Manufacturing Processes I & II	Swayam	12 weeks
6	Dr P S Gajjal	AICTE ATAL Electric Vehicle	AICTE ATAL	4th October 2021 to 8th October 2021
7	Shahid Ali	One week ATAL FDP on "Recent	Manipal Institute of	25/10/2021 to

		advancements in sustainable energy storage and conversion	Technology	29/10/2021
8	Dr S H Wankhade	12 weeks Certificate Course on 'Product Design and Manufacturing', secured Elite + Silver medal.	NPTEL	Jan - Apr 2022

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

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

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

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

## 2.9 FACULTY SERVED AS RESOURCE PERSON, EXPERT, CHAIRPERSON

Term One				
S N	Name of Faculty	Title of Activity	Organizing body	Date
1	Dr C S Choudhari	Resource person for Induction Program	Arvind Gavali COE Satara	10/12/2021
2	Dr C S Choudhari	Expert for External Audit	AISSMS College of Pharmacy, Pune	21, 22 & 25 October 2021
3	Dr C S Choudhari	Expert for External Audit	Kirloskar Institute of management and Advanced studies, Pune	01/12/2021
4	Dr <a href="#">Mangesh Phate</a>	Expert Session on "Research Scope for Engineering Students"	Zeal College of Engineering & Research, Pune	11/09/2021
5	Dr <a href="#">Mangesh Phate</a>	Expert Session in Five Days <b>Faculty Development Program</b> on Experimental Data "Based Model(EDBM):- (An Effective Research Approach) " Under AISSMSCOE's Faculty Development Cell	AISSMSCOE, PUNE	26/11/2021

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

Term Two				
S N	Name of Faculty	Title of Activity	Organizing body	Date
1	Dr <a href="#">Mangesh Phate</a>	Expert Session on “Scope of the Design of Machine Elements with Real time Applications and	Zeal College of Engineering & Research,Pune	22/01/2022



		Opportunities in the Industry		
2	Dr <a href="#">Mangesh Phate</a>	Expert Session on “NBA Attributes for the students	Zeal College of Engineering & Research,Pune	21/03/2022
3	Dr C S Choudhari	ISTE approved inter disciplinary one week online STTP on “ Low cost automation in view of Industry 4.0”	Shri Shivaji Education Society’s COE and Technology, Akola	03/02/2022
4	Dr S H Wankhade	One day TRIZ based Session on Problem Solving and Ideation Workshop	IIC, G H Raisonni Institute of Engineering and Business Management, Jalgaon	18/02/2022
5	Dr S H Wankhade	“TRIZ Introduction, application and case study in Digital Manufacturing” at STC on "Digital Manufacturing"	Punjab Engineering College, Chandigarh	26/02/2022 6
6	Dr S H Wankhade	Systematic Innovation	Tech Summit, KPIT Cummins at COEP	08/07/2022

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

Size of photo 5 cm x 7 cm with captions




**BE PROJECT COMPETITION (EXHIBITION)**

**Glimpses of the Project Competition [Exhibition]**

# **3. ACTIVITIES ORGANIZED**

### 3.1 FDP/STTP ORGANIZED BY THE DEPARTMENT

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

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

### 3.2 SEMINARS/ WORKSHOPS/ WEBINARS ORGANIZED BY THE DEPARTMENT

Term One					
S N	Name of Coordinator/s	Title of the Seminar/Webinar	Duration / Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)
01	Dr S H Wankhade	Conducted Webinar on "Developing a culture of Innovation " on the occasion of Engineer's Day Celebration by Mr Ramana Ramanathan, Sr Vice President, TCS; First Mission Director, Atal Innovation Mission (AIM) and Additional Secy Niti Aayog.	15/09/2021	150	AISSMSCOE
02	Dr S H Wankhade	National Level Event on 'India in 2040-CD/Soap	13/10/2021 - 21/10/2	20	AISSMSCOE

		Art'	021		
03	Dr S H Wankhade	Conducted a webinar on "Challenge based Higher Education at LUT University, Finland"	30/11/2021	50	IIC and TRIZ Chapter.
04	N N Gotkhindikar	Career opportunities after BE Mech and Gate 2022	02/12/2021	64	NA
05	N N Gotkhindikar	First Regional Conclave of Students' Chapter of The Institution of Engineers (India) for Western Region for the year 2021-22 , Paper presentation	09-10 December	78	IEEE, AISSMS COE
06	Dr (Mrs) P S Gajjal	Expert Talk Analysis of Beams by CREO software,	25 <sup>th</sup> Dec 2021	112	

Term Two					
S N	Name of Coordinator/s	Title of the Seminar/Webinar	Duration / Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)
01	Dr M R Phate	Identifying Intellectual property right component at the early stage of Innovation	09 March 2022	65	IPR office Government of India
02	Dr S H Wankhade, M P Bauskar	Introduction to Lean Six Sigma and its Importance to Professionals	05/03/2022	85	IIC, AIQM India, TRIZ Association of Asia & AISSMSCOE
03	Dr S H Wankhade	TRIZ based Innovation	10/03/2022	82	IIC, TRIZ Association of Asia, AISSMSCOE
04	N N Gotkhindikar	Importance of Aptitude for campusing	24/03/2022	68	IMech E ,AISSMS COE
05	Dr C S Choudhari	Expert talk on " Design Thinking and Value Engineering"	12 may 2022	65	AISSMS COE
06	Dr P S Gajjal	Expert talk on Industrial Large Assembly Management Systems for Better Product	1st April 2022	82	AISSMS COE

		Development			
07	Dr P S Gajjal	Presentation Skills and Motivational Thoughts”	17/03/22	93	AISSMS COE
08	Dr S H Wankhade	Expert lecture on “Structured approach towards productivity improvement in manufacturing industries”	17/05/2022	63	AISSMS COE
09	Dr D Y Dhande Prof P V Deshmukh	Injection Molding of Plastics	28/05/22	55	AISSMSCOE

### 3.3 CONFERENCES/ SYMPOSIUMS ORGANIZED BY THE DEPARTMENT

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

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

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

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

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

### 3.5 MOU SIGNED WITH ACADEMIC AND PROFESSIONAL ORGANIZATIONS

Term One				
Sr. No.	Faculty Coordinator	Name of Organization	Date of MoU Signed	Valid upto dd/mm/yyyy
1.	Dr D Y Dhande	University Therengganu, Malaysia	01/07/2021	30/06/2023

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

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

### 3.6 STUDENTS' CHAPTERS /CLUBS

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

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

**Name of Students' Chapter:** SAEINDIA Collegiate Club

**Faculty Advisor:** Dr A V Wagmare and Dr C S Dharankar

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

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

**Name of Students' Chapter:** Institution of Engineers India IE(I)

**Faculty Advisor:** Mr. M U GAN

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



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

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

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

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

### 3.8 PARENT MEETING

Faculty Coordinator	Day and Date	Details of Parent meetings organized	Number of Parents attended
A T Thombare	SE Mech A and B and SE MS 05/03/22 (Saturday )  TE Mech A and B 12/03/22 (Saturday )	Parents meet for Mechanical Engineering department was scheduled in March 2022. The meet was arranged on Microsoft Teams platform. Number of points related to department, academics, Training and placement, sandwich training ,examination etc. were discussed by respective class GFM, HOD,	155

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

### 3.9 ALUMNI MEET

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

### 3.10 SUPPORT FROM ALUMNI

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

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

### 3.11 INTERACTION WITH ALUMNI

Term One				
S N	Name of Alumni and Activity coordinator	Details of Activity conducted	Date and duration	Total Number of beneficiaries
1	1.Mr.Nainish Tikoo 2.Mr.Supreet Upadhyay 3.Mr.Munaf Abdul Tisekar	All three alumni interacted with students and faculties of the department in	Saturday 14/08/2021	78

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

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

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

Number of students referred for counselling

Number of Faculty referred for counselling

Faculty coordinator

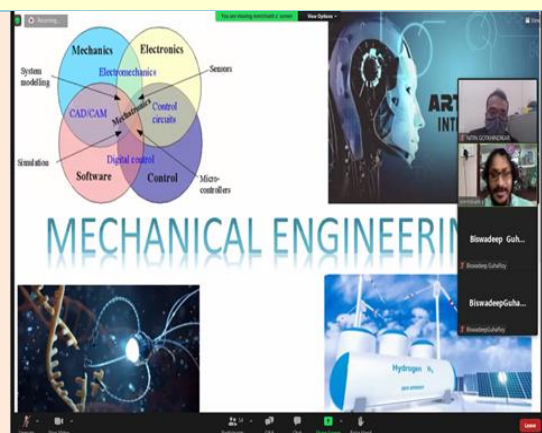
CAREER GUIDANCE ACTIVITY DETAILS

N N Gotkhindikar

Career opportunities after BE Mech and Gate 2022

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

Size of photo 5 cm x 7 cm with captions



Mode Online for Career Guidance



Campus Engagement Program by Knorr Bremse Pune



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

**AISSMS**  
COLLEGE OF ENGINEERING  
ज्ञानम् सकलजनहिताय  
Approved by AICTE, New Delhi, Recognized by Govt. of Maharashtra,  
Affiliated to Savitribai Phule Pune University and recognized 2(f) and 12(B) by UGC  
(Id.No. PU / PNI/ Engg. / 093 (1992)  
(Accredited by NAAC with grade A+)



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

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

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

**Webinar Registration Details:**

**Participation: TE students**  
**Platform : Microsoft Teams**  
**Link: <https://bit.ly/3AFpYNx>**

**Resource Person**

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



Mr. Ravindra Patil is a Mechanical Engineer having 10 years of industrial experience in CAE field. He has handled many clients overseas and delivered successful solutions to industrial problems in CAE domain.  
He has completed his BE (Mechanical) from Kolhapur University and ME (Design) from VIT Pune, SPPU. His expertise include structural analysis of automotive interiors.

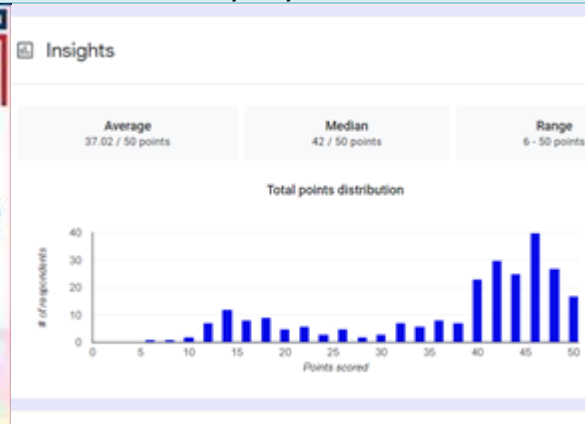
<b>Dr. D Y Dhande</b> <a href="mailto:dydhande@aiissmscoe.com">dydhande@aiissmscoe.com</a> <b>Webinar Coordinator</b>	<b>Mr. P.V.Deshmukh</b> <a href="mailto:pvdeshmukh@aiissmscoe.com">pvdeshmukh@aiissmscoe.com</a> <b>Webinar Coordinator</b>
<b>Dr. B. D. Bachchhav</b> <b>Head, Mechanical Engineering Dept.</b>	<b>Dr. D. S. Bormane</b> <b>Principal</b>

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

**General Knowledge Quiz on 'India at the Olympics'**  
Academic Year 2021-2022  
**Certificate of Participation**

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

**Dr. C S Choudhari** Coordinator  
**Dr. B D Bachchhav** Head of Department  
**Dr. D S Bormane** Principal



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



An Expert Session on  
"Introduction to CREO & ANSYS"

**Name of the Activity:** Expert lecture on "Introduction to CREO & ANSYS"

**Objectives of the activity:**

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

**Topic/Theme:** Expert lecture

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

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

**Venue:** Online (Microsoft Teams)

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

**No. of students Present:** 110

**Outcome:**

Understanding basics of CAD and CAE

**Glimpses/Photograph of the event:**





**DEPARTMENT OF MECHANICAL ENGINEERING**

**Activity Report**

**Name of the Activity:** Expert Talk

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

**Topic/Theme:** **Presentation Skills and Motivational thought**

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

**Date and Timings:** 17<sup>th</sup> March 2022 @ 09:00 am

**Venue:** Online Mode; MS Teams

**Expert:** Dr Rakesh Himte

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

**No. of students Present:** 92

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





# AISSMS

## COLLEGE OF ENGINEERING

ज्ञानम् सफलजनदियाय

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



### Expert Talk on "Presentation Skills and Motivational Thoughts"

#### Organized by

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

#### Registration link :

<https://forms.gle/YN1o4W4xgWpDvuj19>

No Registration Fee

- E- Certificates to Participants
- Expert Talk will be

Conducted on MS Teams



#### Resource Person



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

#### Date & Topic:

**17/03/2022**  
**At 01:30 pm**

**Topic: Presentation skills and Motivational Thoughts**

Dr. P. S. Gajjal  
**Coordinator**

Mr M. R. Dahake  
**Coordinator**

Mr M U Gan  
**IEI Coordinator**

Dr. B. D. Bachchhav  
**HOD**

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



# **4.RESEARCH CONTRIBUTION**

#### 4.1 FUNDED RESEARCH PROJECT

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

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

#### FUNDING RECEIVED FOR ANY OTHER ACTIVITY

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

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

#### 4.2 TESTING AND CONSULTANCY

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

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

### 4.3 PATENTS, COPYRIGHT, TRADEMARK AND OTHER (IPR)

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

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

### PUBLICATIONS

#### 4.4 PAPERS PUBLISHED/ PRESENTED IN PROCEEDINGS OF CONFERENCES

Term One						
S. No	Authors	Document Details	Year	Conference Details	ISBN	Organized by
01	Jitendra Singh Pal, C S Choudhari, S N Sapali, T R Anil	Energy analysis of waste incineration plant used in marine vessels	2021	11th International conference on Sustainable Waste Management and Circular Economy & IPLA Global Forum 2021 during December 01-04 , 2021		International Society of Waste Management, Air and Water

Term Two						
S. No	Authors	Document Details	Year	Conference Details	ISBN	Organized by

1	M P Bauskar	Published Research Paper in Conference ON Experimental Analysis of E glass & Carbon Fibre Composite	2022	NCIET		AISSMSC OE PUNE
2	Mrs. M P Shah, Dr Sarang Pande, Dr D R Patel	Additive manufacturing integrated Casting- A review. Volume 62, Part 13, Pages 6913-7340 (2022)	2022	International Conference on Additive Manufacturing and Advanced Materials (AM2)	22147853	PDDU

#### 4.5 PAPERS PUBLISHED IN JOURNALS

Term One						
S. No	Authors	Document Details	Year	Source Details	ISBN/ISSN	Publisher
1	C S Choudhari, D Y Dhande	Smart Technologies to mitigate and manage the pandemic: Today and tomorrow	2021	SAMRIDDHI Vo. 13, Issue 2, 2021	2229-7111	SAMRIDDHI: A journal of Physical sciences, Engineering and Technology
2	P S Gajjal, S Y Gajjal	Wear behaviour of Sintered bearings using additives in dry sliding	2021	Materials Today Proceedings	Doi.org /10.116/j.matpr.2021.01.413	Elsevier
3	P S Gajjal, S Y Gajjal	Wear of Dry Sintered Iron Bearings with Molybdenum Disulphide and Zinc Stearte	2021	IUP Journal of Mechanical Engineering	ISSN: 0974-6536	IUP
4	P S Gajjal, Yadnik Kude	Design of Planetary Gear Geared Rotary Actuator	2021	IOP: Material and Engineer	doi:10.1088/1757-899X/1170/1/012005	IOP Science

5	P S Gajjal	Paper on wind load estimation and truss optimization of parabolic radio dish antenna	2021	IJSER	2229-5518	
6.	Dr D Y Dhande,	Extraction of bioethanol from pomegranate fruits as a potential feedstock and its blending effects on a performance of a single cylinder SI engine	2021	Renewable and Sustainable Energy Reviews	ISSN : 13640321	Elsevier BV
7.	Dr D Y Dhande	Experimental Investigation of Spark Ignition Engine Performance Fuelled with various Pomegranate Ethanol-Gasoline Mixtures	2021	Journal of The Institution of Engineers (India): Series C	<b>Print ISSN</b> :2250-0545 <b>Online ISSN:</b> 2250-0553	Springer
8	Dr. M.R.Phate Mr. Prateek Gaikwad, Shraddha Toney	Analysis of Seat to Head Transmissibility of the Seated Human Body using Artificial Neural Network	2021	Journal of The Institution of Engineers (India): Series C	<b>Print ISSN</b> :2250-0545 <b>Online ISSN:</b> 2250-0553	Springer
9			2022			

Term Two						
S. No	Authors	Document Details	Year	Source Details	ISBN/ISSN	Publisher
1	Dinesh Y. Dhande, Chandrakishore S. Choudhari, Dwarkoba P. Gaikwad,	Prediction of spark ignition engine performance	2022	Vol 40, issue 2, 2022	Print (ISSN) 1091-6466 Online (ISSN) 1532-2459	Petroleum Science and technology, Taylor & Francis

	Nazaruddin Sinaga & Kiran B. Dahe	with bioethanol-gasoline mixes using a multilayer perception model				
2	Mangesh R Phate	Analysis of Seat to Head Transmissibility of the Seated Human Body using Artificial Neural Network	2022	Published	[2250-0545]	Springer. Institution of Engineers, India Series C
3	Mangesh R Phate	Multi-response Optimization and Analysis of Al/B4Cp MMC EDM using Grey Relational Analysis	2022	19(1) Jan 2022 PP: 39-55	[1823-5514]	Journal of mechanical Engineering
4	Mangesh R Phate	Evaluation of Human Seated Posture Exposes to Low Frequency Vibrations using Biodynamic Model.  to the journal	2022	Accepted		Inderscience , International Journal of Vehicle Safety
5	P S Gajjal, G S Lathkar	Fault diagnosis in an optimized rolling bearing using an intelligent approach	2022	<a href="https://doi.org/10.1007/s00419-022-02134-0">https://doi.org/10.1007/s00419-022-02134-0</a>		Archive of Applied Mechanics
6	P S Gajjal S Y Gajjal	A Novel Tuned Antlion-Grey Relational Dry Sintered Bearing for Bore Application	2022	Accepted		Journal of the Brazilian Society of Mechanical Sciences and Engineering.
7	P S Gajjal, Yadnik Kude	Mathematical Model of Planetary Gear Train for Geared Rotary Actuator International	2022	Vol. 7 No. 4 April, 2022, Pp 619 – 624, ISSN: 0974-5823	International Journal of Mechanical Engineering,  Vol. 7 No. 4 April, 2022, Pp 619 – 624,	International Journal of Mechanical Engineering

					ISSN: 0974-5823	
8	Bachchhav, B.D. and Kathamore, P.S.	Wear behavior of environment friendly trimethylolpropane trioleate-based lubricant", Industrial Lubrication and Tribology	2022	Published	<a href="https://doi.org/10.1108/ILT-12-2021-0469">https://doi.org/10.1108/ILT-12-2021-0469</a>	Industrial Lubrication and Tribology, Vol. 74 No. 5,
9	Bachchhav, B.D. and Kathamore, P.S.	Tribological investigations of trimethylolpropane trioleate bio-based lubricants	2022	Published	<a href="https://doi.org/10.1108/ILT-05-2021-0157">https://doi.org/10.1108/ILT-05-2021-0157</a>	Industrial Lubrication and Tribology, Vol. 73 No. 7, pp. 1074-1083
10	Ashishkumar Gavande S.R.Patil	Manufacturing and Testing of an Infinitely Variable Transmission (IVT) Test Rig	2022	Vol.XV & Issue No.06	Print, ISSN 0970-2555	Industrial Engineering Journal
11	M P Bauskar	Published Research Paper on "Design And Development of Ultrasonic Plastic Welding Machine"	2022	Published	ISSN2582-7421	International Journal of Research Publication and Reviews
12	Dr D Y Dhande DR C S Choudhari DR D P Gaikwad	Development of Artificial Neural Network to predict the performance of Spark Ignition Engine fueled with waste pomegranate ethanol blends	2022	Information Processing in Agriculture	2214-3173	Elsevier BV
13	Dr D P Gaikwad Dr D Y Dhande	Video Summarization Using Deep Learning for Cricket Highlights Generation.	2022	Journal of Scientific Research, 14(2), 533-544.	2070-0237	
14	Dr S V Chaitanya Dr D Y Dhande	Complex assembly Analysis for Geometric and Dimensional	2022	Journal of The Institution of	Print ISSN :2250-0545	Springer



		Tolerance to obtain selective assembly from partitioned bins using a multi-objective approach to control clearance variation of IC Engine		Engineers (India): Series C	Online ISSN:2250-0553	
15	Dr D Y Dhande Dr C S Choudhari Dr D P Gaikwad	Evaluation of Emission Characteristics and Performance of Pomegranate Ethanol Blended S. I. Engine using Artificial Neural Network and Rule Learner Classifier	2022	Journal of The Institution of Engineers (India): Series A (2022)	Electronic ISSN 2250-2157 Print ISSN 2250-2149	Springer
16	N N Gotkhindikar et.al	A Novel FDM Based Additive Manufacturing of PLA Components Using Optimized Deep Learning Strategy	2022	Published	2321-9653	International Journal for Research in Applied Science & Engineering Technology
17	Sourabh Hole, C S Choudhari	Design and development of hot air engine	2022	International Journal of advance research in science, communication and technology, Vol. 2, Issue 5, May 22 doi: 10.48175/IJAR SCT-4125	ISSN: 2581-9429	IJAR SCT
18	S.R.Patil, Ashishkumar Gavande	Manufacturing and Testing of an Infinitely Variable Transmission (IVT) Test Rig	2022	Industrial Engineering Journal Vol.XV Issue No.06	ISSN 0970-2555	Indian Institute of Industrial Engineering

#### 4.6 BOOK / ARTICLE PUBLICATIONS

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

Term Two				
Author	Title of the Book	Published by	ISBN	Year

#### 4.7 RESEARCH CITATIONS (Source of Data: Google scholar) (As on 30<sup>th</sup> May)

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

#### 4.8 ME AWARDED

Sr No	Name of Supervisor	Title of Thesis	Name of Candidate
01	Dr Mangesh Phate	Design and Development Lower Limb Exoskeleton for Rehabilitation	Suyog B. Bhale
02	Dr B D Bachchhav	Tribological Behavior of Al6061-SiC Hybrid MMC	Viraj Prabhu

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

#### 4.9 PhD GUIDE DETAILS

<b>Name of Faculty who are PhD Supervisor</b>	<b>Number of Scholars Registered</b>
Dr S V Chaitanya	02
Dr D Y Dhande	03
Dr C S Choudhari	02
Dr A V Waghmare	02
Dr S H Wankhade	02
Dr C S Dharankar	02
Dr B D Bachchhav	02

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

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

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

# **5.INTERACTION WITH INDUSTRY**

## 5.1 INDUSTRY VISITS ORGANISED

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

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

## 5.2 EXPERT LECTURES / WEBINARS DELIVERED BY INDUSTRY EXPERTS

Term One					
Sr. No.	Faculty Coordinator	Class (Number of students attended)	Name, Industry, designation and contact details of Expert	Topic	Date
1	Dr B D Bachchhav	SE MS	Mr Yashwant Mahankal		
2	Dr Mrs P S Gajjal	109	Mr. Shrishant Patil PTC Softcell Pune	Digital solutions for	25/12/2021

				real world mechanical engineering design challenges	
3	Dr S V Chaitanya	26	Mr Sagar Kenjale Asst Manager, Burckhardt Compression India Ltd. Pune	Excel for freshers	25/10/2021
4	Mrs A A Tonde/ Mrs M P Shah	300	Mr. Apoorv Bapat CEO, Eleation Pune	Introduction to CREO and ANSYS	07/09/2021
5	Dr D S Malwad	150	Mr. Suraj Ghante technical Lead, TTL Pune	Role of CAD in Design of Automotive Systems	19/11/2021

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

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

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

2	Dr. M. M. Sayyad	EOT Cranes in 2030	Konecranes
3	Dr C S Choudhari	“Analytically Design of Hot Air Engine and manufacturing of Components and assembly”	Engineering Cluster, Pune
4	Dr. M. M. Sayyad	Optimizing the Crane parts design –Using Generative design Methodology	Konecranes
5	Mr M P Bauskar	Design and Development of Ultrasonic welding Machine for Joining Thermoplastics	Sanitek Plasto Weld Pvt Ltd
6	N N Gotkhindikar	Design and optimized new bins & large containers for waste collection	TCS
7	Dr.S.R.Patil	Machining Cycle Time Optimization of CNC-Regulator Body	Yawalkar Industries, Pune
8	Dr S.J.Navale	Analysis of hydro jet pump used in Propulsion System of Combat Vehicle	VRDE,Ahmednagar
9	M.S.Swami	Design, Modelling and Analysis of Airboat	DRDO
10	Dr M.R.Phate	Design and fabrication of an automated conveyor system and actuator system through cloud	Manisha Industries
11	S.S.Patil	Ground variator pulley vibration at high RPM	New Holland
12	S.T.Gadhe	Optimization of turning parameters of AISI – 1016 using TAGUCHI method	SAMVINSAN ENGINEERING Pvt Ltd

#### 5.4 MOU SIGNED WITH INDUSTRY

Term One				
Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto
01	Dr C S Choudhari, Dr A V Waghmare	Vimal Nourishment Technologies Pvt. Ltd. Pune	04/08/2021	04/08/2024

02	Dr A V Waghmare	Ameya Industries Pune	31/08/2021	Till it is discontinued by both parties.

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

TOTAL FUNCTIONAL / LIVE MOU INITIATED BY THE DEPARTMENT				
Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto (dd/mm/yyyy)
01	Dr C S Choudhari, Dr A V Waghmare	Vimal Nourishment Technologies Pvt. Ltd. Pune	04/08/2021	04/08/2024
02	Dr A V Waghmare	Ameya Industries Pune	31/08/2021	Till it is discontinued by both parties.
03	Dr. B. D. Bachhav Dr. C. S. Chaudhari Dr. P. S. Gajjal	Setco Spindles India (Pvt) Ltd Pune	18/02/2022	17/02/2025
04	Dr. B. D. Bachhav	Stead Solve Design and Manufacturing Solutions LLP Pune	23/02/2022	22/02/2025
05	Dr. S H Wankhade	UB Cryogenic Solutions LLP, Pune	04/03/2022	03/03/2025
06	Dr. B. D. Bachchhav	Institute of Systems Pune.	04/04/2022	03/04/2025
07	Dr. B. D Bachchhav Dr S V Chaitanya	SSIG Manufacturing Advancements Pvt Ltd. Pune	27/04/2022	26/04/2025



08	Mr M S Swami	Pranita Engineering Works Ltd Pune	08/03/2022	07/03/2023
09	Dr D Y Dhande	University of Therengganu Malaysia	01/07/2021	30/06/2023
10	Mr. M S Swami	Firodiya & Naik Consulting GBR, Berlin Germany	05/01/2021	04/01/2022
11	Dr. S V Chaitanya	Seinumero Nirman Pvt Ltd Pune	01/01/2021	31/12/2023
12	Mr. M P Bauskar	Mettchnik Pvt Ltd Pune	31/12/2019	31/12/2020
13	Mr P S Aglawe	eAddict Mobility Solutions Pvt Ltd Pune	21/08/2017	20/08/2022
14	Dr S V Chaitanya	Vishwadeep Enterprises	13/07/2017	12/07/2022

### 5.5 FACULTY MEMBERS UNDERGONE INDUSTRIAL TRAINING

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

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

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

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

3	Rutuja Kank	Rieter India Private Limited	TE A	05/01/2022	05/02/2022	30
4	Vedant Chavan	Wipro PARI	TE A	03/01/2022	04/02/2022	31
5	Sayali Santosh Koli	Shri Jagadamba Engineering Works Karad.	TE B	20/12/2021	20/1/2022	30
6	Darshan Dayanand Gawas	Fabchair	TE A	15/12/2021	30/01/2022	45
7	Shivam Nitin Deshmukh	Shree Motors (Maruti Suzuki Arena)	TE A	11/1/2022	11/2/2022	28
8	Om Bayas	SAJ Test Plant.	TE A	15/12/2021	13/01/2022	30
9	Balraj Waghmare	ARAI CHAKAN	TE A	27/12/2021	27/01/2022	31
10	Rutuja Jadhav	ARAI, Chakan	TE A	27/12/21	27/01/22	31
11	Shubham sahebrao borade	Shaurya motors pvt .Ltd nashik	TE A	1/1/2022	31/1/2022	30
12	Nitesh umesh pampatti war	Sai auto (Toyota pro service)	TE B	3/1/2022	4/2/2022	31
13	Vijay Dattatraya Takmoge	Shree Ramkrishna dies and tooling	TE B	24/12/21	24/1/22	30
14	RAHUL MURLIDHAR KOKANE	Ammunition factory khadki, Pune	TE A	10/01/2022	09/02/2022	30
15	Vedant Aher	Brose India Pvt Ltd	TE A	13/12/2021	28/01/2022	46
16	GANESH KHANDALKAR	YBI FOUNDATION	TE A	03/01/2022	28/02/2022	56
17	Omkar Bamble	Ammunition Factory khadki	TE A	10-01-2022	9-02-2022	30
18	Rohan Chaure	High-Way Automobiles Tata motors authorised service station	TE A	09/01/2022	05/02/2022	28
19	Mane Sangram Bhau	Meritech	TE B	27/12/2021	24/01/2022	29
20	Ranade Saket	DYEGLO PVT. LTD.	TE B	16/12/2021	16/01/2022	32

	Ramchandra					
21	Shree Rajaram Khopade	Nilesh Fabricators	TE A	01/01/2022	31/01/2022	31
22	Nikhil Santosh Bundele	Nikhil Santosh Bundele	TE A	03/01/2022	05/02/2022	33
23	Pratik Kailas Mahajan	MARUTI SUZUKI ARENA (Manraj Motors Pvt. Ltd. Jalgaon)	TE B	13/01/2022	12/02/2022	31
24	SHAMBHURAJ YASHVANT CHAVAN	TRISHUL SERVICE STATION PVT LTD	TE A	26/12/2021	31/01/2022	37
25	RANE MOHIT UMESH	OM ENGINEERING WORKS	TE B	01/01/2022	31/01/2022	31
26	Neha Jitendra Kuchekar	Manufacturing industry	TE A	05/01/2022	05/02/2022	30
27	Parag Rajendra Dhamne	Snehal Industries, Nashik	TE A	31/12/2021	31/01/2022	30
28	Pratik Khagesh Jadhav	Kiran Engineering Works	TE A	17/12/2021	23/01/2022	38
29	Palange Sejal Devraj	Avi Enterprises	TE B	13/01/22	14/02/22	33
30	Prachi Baban Pandhare	PUSALKAR SU-RAK-SHA COMPONENTS PRIVATE LIMITED	TE B	02/02/2022	07/03/2022	35
31	Ameya Gandhi	Apex Imprints	TE A	27/12/2021	25/01/2022	30
32	MANE VRUNDA PARMESH WAR	Shri Ramkrishna Dies and Tooling	TE B	24/12/2021	24/01/2022	30
33	KSHITIJ MODHE	NSK FABS AND WELDS	TE A	22-12-2021	23-01-2022	28
34	Rawool Sanyogita Sandeep	Mapsons India Private Limited	TE B	24/12/2021	22/01/2022	30
35	Aashish Shashikant Mahale	Hexagon Nutrition Limited	TE B	4/1/2022	4/2/2022	31
36	Gourav Sharma	Shivpratap Engineering Works	TE A	30/01/22	28/02/22	30

37	Rohit Vijay Honwadajkar	VARSHA FORGINGS LIMITED	TE A	24/01/2022	28/02/2022	36
38	Joshi Dnyanesh Vilas	Wingstair Elevators Pvt.Ltd, Pune	TE A	25th December 2021	25th January 2022	30
39	Patil Sarvesh Dinkar	SHREE MOTORS	TE B	03/01/2022	03/02/2022	30
40	Sanskar sunil fursule	Ridewell Motors Nanded	TE A	03/02/2022	03/03/2022	30
41	Durgesh Rajendra Nankar	KSB Ltd., Pimpri.	TE B	10/01/2022	09/02/2022	31
42	Gaurav Singh	Pratyin infotech consulting Pvt. Ltd.	TE B	31/12/2021	31/01/2022	31
43	Omkar Pralhad Landge	SEVA ENGINEERING WORKS PVT LTD	TE B	03/01/2022	02/02/2022	30
44	LAKSHMI BAKSHI	512 ARMY BASE WORKSHOP	TE A	5 JAN 2022	12 FEB 2022	24
45	Siddharth Shitole	pakshimitra poultry technologies	TE B	23-12-2021	03-02-2022	43
46	Pathan Aman Mainoddi n	Shriram automobile,sangola	TE B	31/12/2021	31/01/2022	31
47	Sharvil Sanjay Suradkar	Padmavati Industries Pvt Ltd	TE B	27/12/2021	22/01/2022	28
48	Yash Sanjay Gulhane	Shri Gurukrupa Enterprise (Mundada Fastener)	TE A	24/12/2021	23/01/2022	31
49	Ranjit Baban Kharat	Eleation Institute Pune	TE A	15/12/2021	29/01/2022	45
50	Siddiqui Faizan Babaruddi n Siddiqui	RS Engineering Industries	TE B	03/01/2022	04/02/2022	30
51	LANDAGE SHUBHAM PANDURANG	RIETER INDIA PVT. LTD.	TE A	05/01/2022	05/02/2022	32
52	Dhobe Manthan Bhausahab	High-Way Automobile (Tata Authorised Service Center)	TE A	09/01/2022	09/02/2022	30

53	Dighe Harshad Laxman	Oriental Machine care	TE A	03-01-2022	28--01-2-2022	25
54	Tanvi Gavhane	Kohler power India private limited	TE A	10/01/2022	10/02/2022	32
55	Ujrit Mehta	Meritech.Pvt.Ltd	TE B	27/12/2021	24/1/2022	30
56	Raj Ramdas Nishandat	Salasar Mahindra Autocraft pvt. ltd	TE B	01/01/2022	31/01/2022	31
57	Sunayana Khandu Mohite	Pusalkar SU-RAK-SHA components pvt.ltd	TE B	03/01/2022	03/02/2022	32
58	TAKSAL PRITAM KAILAS	Shilpi Engineering PVT, LTD,Nagothane, Raigad.	TE B	16/12/2021	31/01/2022	45
59	Soham Raghunath Ingale	Ultra Marc Industries	TE A	20/12/2021	22/01/2022	27
60	Rohit Sobale	Yash Plastic and Engineering Works	TE B	27/12/2021	30/01/2022	25
61	Kundan shankar ghorpade	Garaware fulflex india pvt ltd	TE A	05/02/2022	05/03/2022	28
62	Ashwathi Maniyath	Ameya industries	TE B	15/12/2021	31/01/2022	45
63	Sahil Nisar Jahagirdar	Mahabal Metals PVT.LTD	TE A	28/12/2021	28/01/2022	31
64	Kokare Guruprasad Dattaram	Durga Fibres	TE A	05/01/2022	06/02/2022	33
65	Vedant Ramesh Rao Godbole	Endurance Technology Pvt. Ltd.	TE A	07/01/2022	05/02/2022	28
66	Rajwardhan wagh	PRMOLC INDUSTRIES	TE B	17/1/2022	15/2/2022	28
67	Sandesh Rajaram Deshmukh	Sandesh Fabricators And Glass Centre	TE A	01/01/2022	31/01/2022	31
68	Atharva Prashant Deokar	TRISHUL SERVICE STATION PVT. LTD.	TE A	26/12/2021	31/01/2022	31
69	Nikhil Durgam	ELEATION	TE A	24/12/2021	24/1/2022	31
70	Prajwal Rathod	Leanpro Manufacturing	TE B	12/01/2022	12/02/20122	30
71	NITESH VERMA	MARUTI SUZUKI JAMKASH	TE B	17 Jan 2022	17 Feb 2022	23

		VECHICLEADES PVT LTD				
72	Akash Didbhai	Trisons Engineering	TE A	01/01/ 2022	31/01/ 2022	31
73	Atharva Shankar Thube	ALFA LAVAL INDIA PRIVATE LIMITED	TE A	03-01- 2022	02-02- 2022	30
74	Siddhant Warule	Sandesh fabrications and glass centre	TE B	15/12/ 2021	15/01/ 2022	30
75	Sumit Ramesh Shirtode	Tube products of India, Shirwal	TE B	01/01/ 22	31/01/ 22	28
76	DHIRAJ RAJESH SHINDE	ARKA ENGINEERING WORKS	TE B	27/12/ 2021	31/01/ 2022	36
77	NAWDE YOGESH DINESH	Kirloskar Pneumatic Co. Limited	TE B	15/12/ 2021	31/01/ 2022	45
78	Tanishq Badegar	InfinityX Tech Systems pvt Ltd	TE A	14/01/ 2022	14/02/ 2022	30
79	SAMARJE ET AHERRAO	ORACLE PRESSCOMPS AND ENGINEERING PVT. LTD. SATARA	TE A	19/12/ 2021	20/01/ 2022	30
80	Sahil Sunil Mate	Alpha Dies & Pattern (I) Pvt.Ltd	TE B	05/01/ 2022	05/02/ 2022	26
81	Sourav Parimal Bhowmic k	Dhananjay Bendre Foods and Beverages PVT. LTD	TE A	02/01/ 2022	31/01/ 2022	30
82	Sanyogini Sanjay Mohite	Vanaz Engineers Limited	TE B	01/01/ 2022	30/01/ 2022	30
83	Raju Ganpati Mali	KSB limited Pune	TE B	10/01/ 2022	09/02/ 2022	31
84	Atharv Shrirang Jadhav	KAIVALYA ELECTRICALS PVT. LTD.	TE A	05/01/ 2022	05/02/ 2022	30
85	Avanti Narendra Waghmar e	Kartik Industries	TE B	01/01/ 2022	31/01/ 2022	31
86	Atharva pravin pakhode	Spirotech heat exchangers pvt. Ltd	TE B	27/12/ 2021	23/01/ 2022	29
87	Sreyesh Chandras hekhar Dharne	Shree Ganesh Engineering Works	TE B	14th Jan 2022	14th Feb 2022	28

88	Abhishek Manjarekar	Thermo Touch	TE B	30/12/2021	31/01/2022	33
89	Kamble Girish Jagannath	Proton Metalcrafts Pvt. Ltd.	TE A	27/12/2021	30/01/2022	29
90	Sharang Purwant	Global Corporate Council India	TE B	02/01/2022	31/01/2022	30
91	Divya Mahendra Dhamal	Bhavani Industries	TE A	31/12/2021	31/01/2022	30
92	Parth Jivaraj Khedekar	512, Army base workshop Kirkee	TE A	05/01/2022	06/02/2022	24
93	Utkarsh Anil Ekatpure	S.K. Engineers	TE A	15/12/2021	28/01/2022	45
94	Paithankar Jyoti Prasad	Shree Ramkrishna Dies And Tooling	TE B	24/12/2021	24/01/2022	30
95	Tanaya Jagtap	ALFA LAVAL, DAPODI	TE A	28/12/2021	28/01/2022	31
96	Yash Bendre	Pioneer Pvt Ltd	TE A	02/01/2022	31/01/2022	30
97	VIKKY MUKUND KALE	Shiv enterprises	TE B	01/01/2022	30/01/2022	30
98	Waghole Nikita Vitthal	ELEATION	TE B	24/12/2021	31/1/2022	30
99	WADJE VILAS HARI	PADMAVATI INDUSTRIES	TE B	27/12/2021	22/01/2022	28
100	Atish Machindra Saste	Padmavati Industries, Dhayari	TE B	27/12/2021	22/01/2022	24
101	ANIKET RAMESH AMBULE	ALKYL AMIENS	TE A	07/01/2020	05/02/2020	25
102	Vaishnavi Shailesh Shisode	ELEATION	TE B	24/12/2021	24/01/2022	32
103	Madhura Gulavani	Technovision Auto components pvt ltd	TE A	24/12/2021	23/01/2022	31
104	Suvidha Sanjay Bhosale	Sharv polyplast pvt ltd.	TE A	09/01/2022	10/02/2022	30
105	Lalikar Tejas Tukaram	Shivraj Heavy Engineering pvt. Ltd. Dehu- Yelwadi Road, Yelwadi Tq:khed, Dist:pune	TE A	01/01/2022	31/01/2022	31

106	Harshal Anil Gaikwad	Patri Engineers	TE A	31/12/2021	31/01/2022	31
107	Saurabh Maskade	RM ENGINEERING AND CONSULTANCY	TE B	24/12/2021	23/01/2022	30
108	Srushti Sunil Shinde	Yash Plastic & Engineering Works	TE B	27/12/2021	27/01/2022	32
109	Vishvajeet Vivek Ghatage	MSL Driveline System Limited	TE A	17/12/2021	18/01/2022	33
110	Heramb Siddheshwar Khandve	512 Army Base Workshop, Kirkee, Pune 03	TE A	05/01/2022	05/02/2022	24
111	Rohan Mane	Resonance Racing	TE B	10/01/2022	10/02/2022	30
112	Sahil Mangesh Pawar	TEJASWI ENGINEERING WORKS	TE B	03/01/202w	02/02/2022	30
113	Khagesh Sanjay Patil	MASTERLINE LUBRICANTS PVT LTD	TE B	08/12/2021	07/01/2022	30
114	jaswantsingh patil	Jain pipes systems	TE B	1/01/2022	31/01/2022	30
115	Aryan Rahul Deshpande	Inypco Macmold Industries	TE A	1.1.22	31.1.22	31
116	Suyash Satish Pawar	Innovative Automation Products	TE B	24/12/2021	23/01/2022	31
117	Vinaya Arun Gholap	Force Motors, Akurdi	TE A	04-01-2022	03-03-2022	59
118	Swapnil Tole	Team Garudashwa, AISSMS CoE	TE B	16/12/2022	31/01/2022	45
119	DESHMUKH RAJESHWARISATISHRAO	SANGAMNER TALUKA SAHAKARI DUDH SAHGHLTD(RAJHANSE MILK)	TE A	15/02/2022	15/03/2022	30
120	Sakshi Vijay Jagdhane	Rieter India pvt Ltd	TE A	05-01-2022	05-02-2022	30
121	Aniket Ramdas Londhe	Rathod metal rolling mill	TE A	27/12/2021	27/01/2022	28
122	Akshata Sachin Patil	Team Garudashwa, AISSMS COE	TE B	16/12/21	31/01/22	45



123	Nikita anil bhamare	Om engineering nashik	TE A	8/1/2022	8/2/2022	30
124	Shruti Puntambarkar	AISSMSCOE, Team Garudashwa	TE B	16/12/21	31/1/22	45
125	BHOSALE OMKAR SANJEEV	APEX IMPRINTS , MIDC BHOSARI	TE A	27/12/2021	25/01/2022	30
126	Neeraj Shashikant Maddel	Yash Automobiles (Yash Honda)	TE B	14/01/2022	14/02/2022	25
127	Sagar Navnath Ghalme	PROTO-D ENGINEERING PVT LTD CHAKAN	TE A	01/02/2022	05/03/2022	31
128	Ghadge Jalindar Radhakishan	PROTO-D,PVT ENGINEERING LTD,CHAKAN	TE A	1/2/2022	5/3/2022	33

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

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

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

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

#### 5.8 TRAINING TO INDUSTRY PERSONNEL/ ACTIVITY SUPPORTING TO INDUSTRY

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

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

#### 5.9 ANY OTHER ACTIVITIES TO PROMOTE INTERACTION WITH INDUSTRY

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

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

### 5.10 STUDENTS UNDERGONE SANDWICH TRAINING (For Mechanical departments)

Term One BE Mechanical sw					
Sr No	Name of student	Industry	Sr No	Name of student	Industry
1	AGAWANE KUNAL RAJENDRA	TATA MOTORS (PVBU)	42	KHAN SHAHID NASEEM	Yantra Winone Product Technologies
2	ALHAT OMKAR BHANUDAS	Sandvik Mining and Rock Technology, Pune	43	KHANDAGALE HARSHAD SHIVAJI	Suhas Enterprises
3	ANMOL KITCHLOO (J & K)	Tata Motors (PVBU)	44	KHANDELWAL SURAJ NANDKISHOR	Knorr- bremse technology center India pvt.ltd.
4	ANUJ SUNIL MISAR	Tata Motors ERC, Pune	45	KHEDKAR SUDARSHAN RAJENDRA	Burckhardt Compression Pvt Ltd
5	BARKE AKANSHA SANDIP	Bharat Forge Ltd	46	KHOT PRANAV SUDIP (TFWS)	
6	BENDALE RAGINI KAILAS	Mettechnik	47	LAVHE RACHNA BAPURAO	S. S. Heavy Equipment s. Pvt. Ltd
7	BHALERAO PRIYANKA ANIL	Siddhi Vinayak Engineering	48	LODH VIHANG UDAY	WinOne product technologies pvt. Ltd.
8	BHAMBAL MONALISA ALEX	Transfilter Services	49	LONDHE NEHA SATISH	siddhakala Engineers

9	BHASME RUSHIKESH SANJAY	Farmking Agro Industry	50	MOGHE ATHRVA SHASHANK	Wika Instruments India Pvt. Ltd.
10	BHATI PRATIK VASANT	PMG POLYMERS	51	MOHITE VAISHNAVI VIJAY	Alfa Laval limited India
11	BHOSALE MAYUR KISAN	Burckhardt Compression (India) Pvt. Ltd	52	MOMIN UROOJ AHMED ANSARI ASHFAQUE AHMED	Knorr Bremse TCI
12	BHUTEKAR MAHESH GANESH	Kranti Industries Ltd. Pune	53	MORE SIDDHANT KAKASAHEB	Suhas Enterprises
13	BODHE ATHARVA RHISHIKESH	Knorr-Bremse TCI	54	MRUGENDRA MATEKAR	Thermotech systems limited
14	BOGAWAT CHIRAG TUSHAR	Sarita Industry	55	MUSAI SARVESH SANJAY	Knorr Bremse TCI
15	BOGAWAT KARAN ATUL (TFWS)	Sarita Industry	56	NAGARALE ASHUTOSH RAJENDRA	Suntech Landriani Machine Tools
16	BORSE SIDDHESH MAHENDRA	Tata Motors Limited	57	NANAWARE NEEMESH MAHESH	Tara Tools
17	CHANDAN PRAMOD YADAV	R & DE(E)	58	NIKAM RUSHIKESH BABASAHEB	Fouress Engineering India Pvt Ltd
18	CHAUDHARI NEHA MANOHAR	Knorr-Bremse TCI	59	NIRANJAN NITIN POLEKAR	Nikhtish Engineering Pvt. Ltd.
19	CHAUDHARI YASH DINESH	TATA Motors PVBU	60	PAHADE YASH RAHUL	Namo Industries
20	DABHADE SHUBHAM ULHAS	Uno Minda	61	PANCHAL PREET SANJAY	J.K. Hydraulics
21	DABHOLKAR ANIRUDDH RAJENDRA	WinOne Product Technologies pvt. ltd	62	PANPATIL SUMEDH BAPURAO	Suntech Landriani Machine Tools
22	DESAI VISHVAJEET LALASAHEB	Sanmati Components Pvt Ltd	63	PARAKH RASIK AJAY	Sarita Industry

23	DESHMUKH CHAITANYA GOVINDRAO	Ubique Systems Pvt Ltd	64	PATIL ROHIT VIJAY	Vimalsonic s Pvt.ltd
24	GAIKWAD ASHUTOSH YESHWANT	Sandvik Mining and Rock Technology	65	PAWAR ARYADIT ANIL	Patil Automobile s
25	GAIKWAD HARSHAL ARVIND	Sandvik Mining and Rock Technology	66	RATHOD GAURAV PRAKASH	Jhurbi metrology and consultants
26	GAIKWAD SHUBHAM BHARAT	virtual simutech Pvt.ltd.	67	RAUL POOSHAN VIJAY	Attaquant Enterprises Pvt Ltd.
27	GAURAV JOSHI	Tata Motors, Pune	68	SANDHIYA ANBAZHAGAN	Precision Pressing Manufactur ers
28	GAWADE MAITHILI SHASHIKANT	Knorr-Bremse TCI	69	SAWANT SAIRAJ MANGESH	Suhas enterprises
29	GAWADE PRADHYUMN PRASHANT	Autodisir Performance	70	SHINDE KAUSTUBH RAJESH	KION INDIA Pvt Ltd
30	GHANWAT TEJAS BALASAHEB	TATA MOTORS PUNE (PVBU)	71	SHRIVAS NAYAN UDAY	Neel Metal Products ltd
31	GITE SANJANA SANJAY	Mettechnik	72	SURYAWANSHI DEVENDRA SHARAD	KNORR- BREMSE Systems for Commertia l vehicles india
32	GOSAVI VISHAL VIJAY	M.G. Industries	73	TANTAK SAKSHI RAJESH	Precision Pressing Manufactur ers
33	GURRAM SHUBHAM SHRINIVAS	Nemade Engineers Pvt Ltd	74	TAWARE PRATHAMESH MOHAN	mayuresh enterprises
34	HAWALDAR SIDDHARTH SUNIL	HOG ENGINEERING PVT LTD	75	UGALE VAISHNAVI SANTOSH	Warade PackTech Private Limited

35	HIREMATH VIVEK VIJAYMAHANTESH	TCL	76	VANBHANE TEJAS BALU	WillPro Technologies
36	JIWADE ANIKET CHANDRAKANT	FORCE MTU ROLLS ROYCE	77	VARUN PRAMOD MORE	TATA motors (PVBV)
37	JUTLA GANESH PUNDLIK	nemade engineers Pvt Ltd	78	WAJE SOHAM MUKUND	Stella industries
38	KABADE GAURAV GHANSHYAM		79	ZENDE VIDITA VIJAY	Emerson Automatio n Solutions
39	KAMANI DARSHAK VINOD	castell dies and tools			
40	KAMBLE KIRAN DATTA	Yantra Winone Product Technologies			
41	KHAIRNAR HARSHKUMAR ISHWAR	Sandvik Mining and Rock Technology, Pune			

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

		Limited.			
8	KHARADE YASH UTTAM	Setco Spindles India pvt. limited	49	AHER ADINATH SUBHASH	<b>Burckhardt compression INDIA Pvt.ltd.</b>
9	SHELAR SNEHA RAMCHANDRA	Stead Solve	50	SHINDE PRASAD CHANDRAKANT	Pioneer Technology and Product Development Center
10	SHAIKH RAMEEZ ABDULRAUF (EWS)	Stead solve	51	PARATANE HEMANSHU LALCHAND	Perfect engineer's
11	JADHAV DNYANESHWAR MAHARUDRA	manas automotive pvt LTD	52	ATHARVA CHANDRAKANT KHAIRE	GKN Driveline (India) LTD
12	ANANT VARSHNEY.	manas automotive pvt LTD	53	BHARANE ATHARVA RATIKANT	GKN Driveline (India) LTD
13	PAWAR VISHWAJIT JANBA (EWS)	Manas Automotive Pvt Ltd	54	DEDE GANESH SADASHIV	GKN Driveline (India) LTD
14	HOLE AKSHAT NANDU	Tata Motors Limited	55	UPADHYE MRUNAL SHEETAL	Kalyani Powertrain Limited
15	ROTE SUSHANT YUVARAJ	TATA Motors Limited	56	PAWAR ANIRUDDHA JITENDRA	Devise Electronics
16	THORAT PRATHAMESH SATISH	TATA Motors Limited	57	SHINDE AKANKSHA DHARMRAJ (EWS)	Hodeck Engine Ptv Ltd(A. K engineers)
17	KARANDE ATHARAV ABHIJEET	Tata Motors Limited, Pune	58	CHAUDHARI JAYESH SANJAY	IAC International Automotive India Pvt Ltd
18	KAWADE PRITESH RAJENDRA	Tata Motors Limited, Pune	59	KHALATE KARAN MANOJ	Mubea Automotive India Private Ltd
19	PATIL NIKHIL ABHAY	bhagalaxmi enterprisees,pune	60	PATIL SAURABH SARJERAO	Shriram Foundry Pvt.Ltd.
20	PAWAR AMISHA RAJKUMAR	Ravi industries	61	GAIKWAD ROHIT RAHUL	Precision Pressing Manufacturer s
21	BHADANE JAGRUT RAVINDRA	Knorr-Bremse TCI	62	SHAIKH ADIL ANWAR	Precision Pressing Manufacturer s
22	CHAVAN ABHISHEK SANTOSH	Knorr-Bremse TCI	63	LUNGARE TEJAS SIDDHESHWAR	R.K. ENTERPRISE S
23	JADHAV SIDDHID SUHAS	Knorr-Bremse TCI	64	NAIR VISHNU HARIDAS	BHARAT FORGE LTD

24	MAHAJAN ADWAIT HIMANSHU	Knorr-Bremse TCI	65	TADWALKAR SHIVAM SUBHASH (TFWS)	Fligen Systems Pvt Ltd
25	WAGH DIGVIJAY SUDAMRAO	Knorr-Bremse TCI	66	JAIN MOHIT RAJESH	Raj Fasteners
26	KOLATE ROSHAN SUNIL	Knorr-Bremse CVS	67	YADAV SAURABH RAKESH	Sagar Defence Engineering
27	MAGAR HIMANSHU DINESH	Knorr-Bremse TCI	68	PAWLE ABDULLAH SAAD (EWS)	Samarth Aircon Pvt ltd
28	BHOLE ANURAG AJAY	Manas Automotive Systems.LTD	69	TALWALKAR SHRAVAN BHOOSHAN	Mahindra CIE Automotive Pvt Ltd
29	HELWADE ISHAAN ANIRUDDHA	MARS Packaging Private Limited	70	MAHAVARKAR PRATHAMESH DHANANJAY	Wartsila India Pvt. Ltd.
30	SAROWARE PRATHAM RAVIKANT	Nikash CNC Engineers Pvt. Ltd.	71	PATIL ANIL PANKAJ	Mahabal Metals Pvt Ltd
31	SURWASE PRASHANT VAIJNATH (EWS)	Cpc Precipart Pvt Ltd	72	POKALE RUJAL MANISH	Nikhtish Engineering Pvt. Ltd
32	TELPANDE SARTHAK NITIN	Cpc Precipart Pvt Ltd	73	KARANDIKAR SHREYA SHAILESH	PJ valves MFG. PVT.LTD
33	BHOITE SANJEEWANI SANJAY	ELIXIR INDUSTRIES UNIT - II	74	KALE CHAITANYA PRASAD	Thermax LTD
34	BHAGAT KARTIK JITENDRA	Aera Gad Control System Private Limited	75	KHANSE ADITYA SANTOSH	Thermax LTD
35	RAUT SAAJ PRASHANT	Aera gas Control Systems Pvt Ltd. Pune	76	KULKARNI RUGVED RAVIKIRAN (TFWS)	Thermax LTD
36	DAGADE OM CHANDRAKANT	FORCE MOTORS Ltd.	77	NAIK GHANSHYAM PRADIP	Thermax LTD
37	SHINDE SHUBHAM SURESH	Ultra Enterprises	78	PATTANSHETTI SIDDHARTH SHEETAL	Thermax LTD
38	VEDANT CHITTE	TATA Ficos Automotive Pvt. Ltd.	79	DATIR PRANAV VITTHAL (TFWS)	Sandvik Asia Private Limited, Pune
39	ABHINAV SATISH MENON	Tata motors	80	BARHATE DEVASHRI DIPAK	VDL Pinnacle Engineering Pune
40	CHOUDHARI ATHARVA DINESH	Tata Motors			
41	DORAGE KUNAL RAMBHAU	Tata Motors			

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

**Size of photo 5 cm x 7 cm with captions**

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# **6.STUDENTS' ACHIEVEMENTS**

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

<b>Term One</b>		
<b>Name of Student</b>	<b>Details of Achievement (State/University/National/International Level)</b>	<b>Remark (Domain)</b>
Omkar Khot SE (Mechanical)	Unleash-ORF India hackathon 2021 Winner. Theme of "Air Pollution"	United Nations Sustainable Development Goals; selected for grand finale
Divya Dhamal, Tejas Lot, Vinaya Gholap, Pratip Kenche	Won 1st consolation Award(Rs15000+ Certificates)	Grand Finale of TCS Sustainathon Pune 2021
Abhishek Chavan	Domain Scholar certificate form NPTEL in Product Design	-
Monali Patil	New safety enhancing ideas for overhead cranes.	Konecranes
Sudip Dongre		
Ashish Karande		
Aashutoshsingh Pardeshi		
Abhishek Chavan	EOT cranes in 2030-Generative Design for EOT cranes	Konecranes
Ameya Gandhi		
Omkar Khot	Vista 2021 at IIM Bangalore	Participation

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

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

Term One		
Name of Student	Details of Achievement (State/University/National/International Level)	Remark ((Domain))
Vivek Singh BE (Mechanical)	Selected to represent the INDIAN NCC DELEGATION in Dhaka, Bangladesh. on Occasion of Victory Day Celebration, under the Youth Exchange Program (YEP)	BDB

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

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

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

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

#### 6.4 NUMBER OF STUDENTS PLACED

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

Term One Mechanical			
Sr No	Name of Organization visited	Number of students Participated	Number of students Placed
1	TCS	08	04
2	Cognizant	25	19
3	Wipro Pari	10	03
4	Fleetguard	05	02
5	Bristlecone India Ltd	05	02
6	Infosys Ltd	05	02
7	Thermax Ltd.	03	01
8	Alten India pvt.Ltd	02	01
9	Bosch Chassis System India Pvt.Ltd	02	01

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

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

**For Mech Sw Lower Package Offered: 180000/-**

**Higher package Offered:574410//-**

**Average Package Offered:374000/-**

**For Mech Lower Package Offered: 144000/-**

**Higher package Offered:549456//-**

**Average Package Offered:401988/**

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

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

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

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

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

Siddharth More		
Aryesh Uttekar		
Shaunak Limkar		
Gaurang Gujrathi		

## 6.7 STUDENTS' ACHIEVEMENTS (Team Level)

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

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

**Few good photographs related to students' achievements**

**Size of photo 5 cm x 7 cm with captions**



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

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

**Garudashwa Team Participated in international Advance Class**



**Awards Received by Team Garudashwa in SAE International Competition**



# **7. SUMMARY AND SWOC ANALYSIS**

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

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

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

FACULTY	ACTIVITY

**7.3 FEEDBACK FROM STAKEHOLDERS**

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

**7.4 TWO BEST PRACTICES FOLLOWED IN THE DEPARTMENT**

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

**7.5 MAJOR GRIEVANCES OF STUDENTS (IF ANY) REDRESSED**

Nil
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## 7.6 SWOC ANALYSIS

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

### Strengths:

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

### Weaknesses:

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

### Opportunities:

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

### Challenges

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

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

1	NBA accreditation
2	MoU with international academic institutes
3	Enhanced interaction with Industry 1. Knorr Bremse, 2. Kone cranes
4	Strengthen Research Centre

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

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

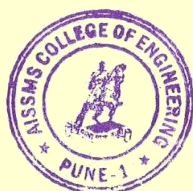
### SUMMARY SHEET (Annual)


Sr No	Activity/ Item	Numbers
<b>PROFILE OF DEPARTMENT</b>		
01	Students in the department	833
<b>FACULTY CONTRIBUTION</b>		
02	e content developed by faculty and available online	1
03	Number of FDP/STTP attended by the department faculty	77
04	Number of Seminars/ workshops/ webinars attended by the department faculty	41
05	Number of Conferences/ symposiums attended by the department faculty	5
06	Number of Online courses / certificate courses completed by department faculty	11
07	Number of extension lectures / webinars (Lectures delivered on other than technical topics))	2
08	Number of Faculty served as resource person, expert, chairperson	13
<b>ACTIVITIES ORGANISED</b>		
09	Number of FDP/STTP organized by the department	1
10	Number of Seminars/ workshops/ webinars organized by the department (for faculty)	14
11	Number of Conferences/ symposiums organized by the department (for faculty)	-
12	Number of Extension activities conducted by the department (Social/ Quizzes at national/international level/any other activity)	3
13	MOU signed with academic and professional organizations	4
14	Number of Students' chapters /clubs	9
15	Number of Social activities organized	
16	Number of Parent meeting	2
17	Number of Alumni meet	1
18	Number of student counselling and career guidance at the department level	
<b>RESEARCH CONTRIBUTION</b>		
19	Number of Funded research project	2
20	Number of Testing and consultancy	3
21	Number of Patents, copyright, trademark and other (IPR)	-


22	Number of Papers published/ presented in proceedings of conferences	5
23	Number of Papers published in journals	25
24	Number of Book/ article publications	1
25	Total Research citations	1392
26	Number of ME awarded	2
27	Number of PhD AWARDED	-
<b>INTERACTION WITH INDUSTRY</b>		
28	Number of Industrial visits organised	03
29	Number of Expert lectures delivered by industry experts	9
30	Number of Industry -sponsored projects (UG/PG)	7
31	Number of MOU signed with industry	9
32	Number of Faculty members undergone industrial training	2
33	Number of Students undergone in-plant training and (or) internship programme	128+82
34	Number of students placed	14+49
35	Number of students qualified in the examinations	7

### Declaration by the Head of the Department

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



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

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



**AISSMS**  
**COLLEGE OF ENGINEERING**  
ज्ञानम् सकलजनहिताय  
Accredited by NAAC with "A+" Grade



**Internal Quality Assurance Cell**

**DEPARTMENT OF PRODUCTION ENGINEERING**

**ANNUAL REPORT**

**(15JUNE 2021 to 14June 2022)**

## CONTENTS

Sr No	Activity/ Item	Page No
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1.1	Introduction	
1.2	Laboratories in the Department	
1.3	Software Available in the Department	
1.4	Faculty in the Department	
1.5	Details of Supporting Staff	
1.6	Students' Enrollment	
1.7	Students–Faculty Feedback Details	
1.8	Result Analysis	
1.9	Class Result Analysis	
<b>2. FACULTY CONTRIBUTION</b>		
2.1	Achievements of Faculty	
2.2	Contribution of Faculty (Interaction With Outside World)	
2.3	e content developed by faculty and available online	
2.4	FDP/STTP attended by the department faculty	
2.5	Seminars/ workshops/ webinars attended by the department faculty	
2.6	Conferences/ symposiums attended by the department faculty	
2.7	Online courses / certificate courses completed by department faculty	
2.8	Extension lectures / webinars organized	
2.9	Faculty served as resource person, expert, chairperson	
<b>3. ACTIVITIES ORGANISED</b>		
3.1	FDP/STTP organized by the department	
3.2	Seminars/ workshops/ webinars organized by the department (for faculty)	
3.3	Conferences/ symposiums organized by the department	



3.4	Extension activities conducted by the department	
3.5	MOU signed with academic and professional organizations	
3.6	Students' chapters /clubs	
3.7	Social activities organized	
3.8	Parent meeting	
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4.1	Funded research project	
4.2	Testing and consultancy	
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4.7	Total Research citations	
4.8	ME awarded	
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<b>5. INTERACTION WITH INDUSTRY</b>		
5.1	Industrial visits organised	
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5.4	MOU signed with industry	
5.5	Faculty members undergone industrial training	

5.6	Students undergone in-plant training and (or) internship programme	
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6.3	Certificate / Online Courses Completed by Students	
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6.7	Students' Achievements (Team Level)	
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7.3	Feedback from Stakeholders	
7.4	Two Best Practices Followed in the Department	
7.5	Major Grievances of Students (If Any) Redressed	
7.6	SWOC Analysis	
7.8	Future Plans of the Department	
7.9	Initiatives Taken By The Department At Department And Institute Level To Improve And Assure Quality	
7.10	Summary Sheet (Annual)	

# 1. PROFILE OF DEPARTMENT

## INTRODUCTION

Year of Establishment	<b>1994</b>
UG Programmes	<b>PRODUCTION ENGINEERING</b>
PG Programmes	<b>NA</b>
Number of Teaching Staff	09
Number of Non-Teaching Staff	12 (Production + Workshop)

## LABORATORIES IN THE DEPARTMENT

Name of Laboratory		Name of Laboratory	
1	CAD/CAM Laboratory	5	NonTraditional Machine Laboratory
2	Robot & Automation Laboratory	6	Advanced Production Technology
3	Production Management Laboratory	7	Department Central Facility
4	Tool Engineering Laboratory		

## SOFTWARES AVAILABLE IN THE DEPARTMENT

Software Available		Software Available	
1	Unigraphics Mfg. Bundle 10 nos. and (FEMAP +NASTRAN) 5 nos.and FACTORY CAD-2 nos. and FACTORY FLOW-02 Nos.and eMplant- 02 Nos.	5	ANSYS Academic Teaching + CFD Version 16.2 for(25 user)
2	Computer Software Autodesk Inventor Professional Edu. License (03)	6	JASP- Version 2 (Janatics Animation Software & Pneumatics) ( 01)
3	Solid Edge Bundle (Drafting Solid Modeling and Sheet Metal) for 25 user	7	Systat Statistical Software -Version 12 ( 01)
4	Unigrahics 8.0 Cam Express (Simulation, Modeling, Tool Path Generation) 20 user		

## FACULTY IN THE DEPARTMENT

Name of faculty	Designation
1.Prof.V.D.Dholle	Head/WS ,Asst. Prof
2.Prof.V.Y.Sonawane	Asst. Prof
3.Prof.M.A.Kelakr	AWS
4.Dr.N.G.Shekapure	Asst. Prof

5.Prof.S.S.Kallurkar	Asst. Prof
6.Prof.S.N.Chiwande	Asst. Prof
7.Prof.S.K.Bidgar	Asst. Prof
8.Prof.M.L.Chanpur	Asst. Prof
9.Prof.Ms. Y.K.Funde	Asst. Prof

## DETAILS OF SUPPORTING STAFF

Name of non-teaching staff	Designation
1.Mr.Rahul S Gangawane	Lab Assistant
2.Mr A.Chopane	Store Keeper
3.Mr N V Walke	Instructor
4.Mr V N Hire	Instructor
5.Mr G M Kadam	Instructor
6.Mr Sanjay M K	Instructor
7.Mr P D Pawar	Electrician
8.Mr.B.H.Gade	Attendant
9.Mr. Y.G.Patil	Attendant
10.Mr R M Khedekar	Attendant
11.Mr N V Adhav	Attendant
12.Mr A U Dhame	Attendant

## FACULTY CONTRIBUTION

### ACHIEVEMENTS OF FACULTY

*(AWARDS, RECOGNITION, PHD COMPLETION ETC.)*

Term One		
SN	Name of Faculty	Awards & Recognitions
1	Mr VY Sonawane	NPTEL DOMAIN STAR
2	Mr VY Sonawane	NPTEL BELIEVER
3	Mr VY Sonawane	National best Teacher award Sarvepalli Radhakrishnan best teacher award
4	Mr VY Sonawane	NPTEL Motivated learner
5	Mr VY Sonawane	3rd IJMST EXCELLENCE AWARD international journal for modern trends in Science and Technology
6	Mr S K Bidgar	Nil

Term Two		
SN	Name of Faculty	Awards & Recognition
1	Mr VY Sonawane	3rd IJMST EXCELLENCE AWARD international journal for modern trends in Science and Technology
2	Mr VY Sonawane	Indo Asian teaching excellence award International multidisciplinary Research Foundation 2021
3	Dr N G Shekapure	Award of degree of Doctor of Philosophy (Ph.D.) in the subject of Mechanical Engineering
4	Mr S K Bidgar	Nil

**CONTRIBUTION OF FACULTY (Interaction with outside world) (ALL FACULTIES)**

Term One		
SN	Name of Faculty	Nature and details of contribution (Representation at University, State, National , International level, corporate world, Social Platforms, etc)
1	S S Kallurkar	Delivered session in FDP on Software Based Case Studies for Development of Multidisciplinary Projects

**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
	Mr V Y Sonawane	APT MFMD	Video, PDF TEAMS , ERP	<a href="https://web.microsoftstream.com/studio/videos">https://web.microsoftstream.com/studio/videos</a> <a href="https://drive.google.com/drive/search?q=7001">https://drive.google.com/drive/search?q=7001</a>
2	Dr N G Shekapure	e - Book on Material Management and Logistics	Soft Copy in PDF format	<a href="https://drive.google.com/file/d/18p_ONH-dZY6IQsuJN9MMgisvcW3tNstA/view?usp=sharing">https://drive.google.com/file/d/18p_ONH-dZY6IQsuJN9MMgisvcW3tNstA/view?usp=sharing</a>
3	Mr M L Chanpur	E-Notes on Strength of Materials	Soft Copy in PDF format	<a href="https://drive.google.com/drive/folders/1yaJbdsXaYz-leMnGPFiafx1AzEjHLF39?usp=sharing">https://drive.google.com/drive/folders/1yaJbdsXaYz-leMnGPFiafx1AzEjHLF39?usp=sharing</a>

4	Ms Y K Funde	E-Notes on Mechatronics & Robotics	Soft Copy in PDF format	
5	Mr S K Bidgar	E-Notes on Material Science & Metallurgy	Soft Copy in PDF format, Video, TEAM, ERP	<a href="https://drive.google.com/drive/folders/1yaJbdsXaYz-leMnGPFiafx1AzEjHLF39?usp=sharing">https://drive.google.com/drive/folders/1yaJbdsXaYz-leMnGPFiafx1AzEjHLF39?usp=sharing</a>

### Term Two

Sr No.	Name of Faculty	Title of e-content	e-content development facility/platform	link of the content
1	Mr V Y Sonawane	APT MFMD	Video, PDF TEAMS , ERP	<a href="https://web.microsoftstream.com/studio/videos">https://web.microsoftstream.com/studio/videos</a> <a href="https://drive.google.com/drive/search?q=7001">https://drive.google.com/drive/search?q=7001</a>
2	Dr N G Shekapure	e - Book on Industrial Engineering and Management	Soft Copy in PDF format	<a href="https://drive.google.com/file/d/1Om-bOwHqMCBTHl_CklQW6QfexgZcDOS0/view?usp=sharing">https://drive.google.com/file/d/1Om-bOwHqMCBTHl_CklQW6QfexgZcDOS0/view?usp=sharing</a>
3	Mr M L Chanpur	E-Notes on Strength of Materials	Soft Copy in PDF format	<a href="https://drive.google.com/drive/folders/108B7NaLnr2GLf7Y-dd26ToTzxBI0vHkZ?usp=sharing">https://drive.google.com/drive/folders/108B7NaLnr2GLf7Y-dd26ToTzxBI0vHkZ?usp=sharing</a>
4	Mr S S Kallurkar	E Notes on Heat and Fluid Engineering	Soft Copy in PDF format	<a href="https://drive.google.com/drive/folders/19hxKf2fin9r3l7kYXC EIQBOCeh7k-ugb?usp=sharing">https://drive.google.com/drive/folders/19hxKf2fin9r3l7kYXC EIQBOCeh7k-ugb?usp=sharing</a>
5	Ms Y K Funde	E-Notes on World Class Manufacturing	Soft Copy in PDF format	Video, PDF TEAMS ,



6	Mr S K Bidgar	E-Notes on Manufacturing Process - II	Soft Copy in PDF format, Video, TEAM, ERP	<a href="https://drive.google.com/drive/folders/1yaJbdsXaYz-leMnGPFiafx1AzEjHLF39?usp=sharing">https://drive.google.com/drive/folders/1yaJbdsXaYz-leMnGPFiafx1AzEjHLF39?usp=sharing</a>
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### FDP/STTP ATTENDED BY THE DEPARTMENT FACULTY

Term One				
S N	Name of Faculty	Title of the FDP/STTP	Organized by	Duration/ Dates
1	Mr V Y Sonawane	NPTEL Theory of Production Processes	NPTEL MHRDC, GOI	Sep-Dec 2021
2	Mr VY Sonawane	NPTEL Manufacturing system Technology I and II	NPTEL MHRDC, GOI	Sep-Dec 2021
3	Mr V Y Sonawane	NPTEL Introduction to Robotics	NPTEL MHRDC, GOI	Sep-Dec 2021
4	Mr V Y Sonawane	ATAL FDP Advancements in Computational Fluid Dynamics using FLUIDYN Computational Fluid Dynamics Engineering	AICTE ATAL The Department of Aerospace Engineering, Alliance University	02/06/2021 To 06/06/2021
5	Mr V Y Sonawane	ATAL FDP Research Methodology: Design and Technology Design and Technology Design & Media	AICTE ATAL Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070	07/06/2021 To 11/06/2021
6	Mr VY Sonawane	Training on “Salesforce Technology - Admin”	Nagpur Institute Of Technology, Nagpur 441501	04/09/2021 To 11/09/2021
7	Mr VY Sonawane	Attended FDP on AICTE-Workshop on Examination Reforms	ICT 250 NIITTR, Kolkata	10/01/2022 To 12/01/2022
8	Mr V Y Sonawane	Attended FDP on Fusion Welding Processes	ICT 250 NIITTR, Kolkata	10/01/2022 To 14/01/2022

9	Mr V Y Sonawane	Attended Faculty Development Program on "Trends and Innovations in Healthcare	Vishwakarma Institute of Information Technology, Pune 411 048	25/10/2021 To 29/10/2021
10	Mr V Y Sonawane	Attended Industrial Visit: International Exhibition on automation	Goregaon Bombay Exhibition	22/092021 To 25/09/2021

			Centre	
11	Mr V Y Sonawane	Attended FDP One Week Virtual Training on "Sales force Technology-Admin" as an Internal Quality Assurance Cell (IQAC)	NIT, Nagpur	04/09/2021 To 11/09/2021
12	Mr V Y Sonawane	Attended FDP 13th Summer School in Tribology	Indian Oil Corporation Ltd and Tribology Society of India	31/08/2021 To 04/06/2021
13	Mr V Y Sonawane	Attended FDP Advances in Fluid, Heat and Mass Transfer	Pravara SVIT Nashik	05/07/21 To 09/06/2021
14	Mr V Y Sonawane	Attended FPTS 2021	Fluid Power Society of India (FPSI)	18/06/2021 To 19/06/2021
15	Dr N G Shekapure	FDP on "Software Based Case Studies for Development of Multidisciplinary Projects"	AISSMS College Of Engineering, Pune	22/11/2021 to 26/11/2021
16	Ms Y K Funde	FDP on Application of Internet of the Things in Environmental, Medical Science and Human Life	Shri Shankaracharya Group of Institutions, SSTC. (ATAL)	04/10/2021 TO 8/10/2021
17	Mr S N Chiwande	(ATAL) Academy Online Elementary FDP on "EMINENCE OF ELECTRIC VEHICLES AND ROBOTICS IN AGRONOMY"	DHANALAKS HMI SRINIVASAN ENGINEERIN G COLLEGE	21/06/2021 to 25/06/2021
18	Mr S N Chiwande	Short Term Training Program on "Innovative & Inventive Problem Solving"	Department of Production Engineering, AISSMS COE, Pune	13/07/2021 to 18/07/2021
19	Mr S N Chiwande	(ATAL) Academy Online Elementary FDP on "PATENT LAW FOR	PRATHYUSH A	26/07/2021 to

		ENGINEERS AND RESEARCHERS"	ENGINEERING COLLEGE	30/07/2021
20	Mr S N Chiwande	(ATAL) Academy Online Elementary FDP on "Faculty Development Program on Sensor Technology"	ATAL & University Institute of Engineering & Technology, Kurukshetra University, Kurukshetra.	06/09/2021 to 10/09/2021
21	Mr M L Chanpur	Finite Element Method (with applications to solid mechanics, heat transfer and fluid mechanics)	AICTE Training and Learning (ATAL) Academy Online FDP	17/08/2021-21/08/2021
22	Mr M L Chanpur	Research Methodology	AICTE Training and Learning (ATAL) Academy Online FDP	23/08/2021 – 27/08/2021
23	Mr M L Chanpur	Software Based Case Studies for Development of Multidisciplinary Projects	AISSMS COE, FDC	22/11/2021-26/11/2021
24	Mr S S Kallurkar	ATAL FDP on Design Thinking: Aspirations for Innovations	AISSMS COE, AICTE	29-11-2021 to 03-12-2021
25	Mr S K Bidgar	Completed ISTE approved one week FDP on "Augmented Reality and Virtual Reality"	AISSMS College of Engineering, Pune	21 /06/2021 to 25/06/2021

26	Mr S K Bidgar	Completed AICTE Quality Improvement (AQIS) Sponsored one week online Short Term Training Program On <b>“Innovative &amp; Inventive Problem Solving”</b>	Department of Production Engineering, AISSMS COE, Pune	22 /06/2021 to 27/06/2021
27	Mr S K Bidgar	Attended one week online FDP on <b>“Foundations of Data Science”</b>	MIT Academy of Engineering, Alandi	26 /07/2021 to 30/07/2021
28	Mr S K Bidgar	National Level Workshop on <b>“Recent Trends in Mechatronics and Automation”</b>	Karmaveer Adv. Baburao Ganpat rao Thakare COE, Nashik	24 /09/2021 to 25/09/2021
29	Mr S K Bidgar	Completed the AICTE-ISTE approved One Week FDP on <b>“Electric Mobility as a Future”</b>	Dr. D.Y.Patil IOEM&R Akurdi Pune in association with SAE India	25/10/2021 to 29/10/2021
30	Mr S K Bidgar	Participated in Five Days FDP on <b>“Software Based Case Studies for Development Of Multidisciplinary Projects”</b>	Department of Computer Engineering, AISSMS COE, Pune	22/11/2021 to 26/11/2021
31	Mr S K Bidgar	Completed the AICTE-ISTE approved Orientation/ Refresher Programme on <b>“Nanotechnology”</b>	Muffakham Jah COE&T, Hyderabad	10/12/2021 to 16/12/2021

		<b>Application in Mechanical Engineering</b>		
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<b>Term Two</b>				
<b>S N</b>	<b>Name of Faculty</b>	<b>Title of the FDP/STTP</b>	<b>Organized by</b>	<b>Duration/ Dates</b>
<b>01</b>	Mr V Y Sonawane			
<b>02</b>	Dr N G Shekapure	STTP/Refresher Program on “Project Based Learning”	AISSMS College Of Engineering, Pune	21/02/2022 to 16/02/2022
<b>03</b>	Ms Y K Funde	Orientation /Refresher Program “Nanotechnology Application In Mechanical Engineering”.	MUFFAKHA M JAH COLLEGE OF ENGINEERING AND TECHNOLOGY	10/12/2021 to 16/12/2021
<b>04</b>	Mr S N Chiwande	AICTE-ISTE sponsored refresher program on "Nanotechnology Applications in Mechanical Engineering"	MUFFAKHA M JAH COLLEGE OF ENGINEERING AND TECHNOLOGY	10/12/2021 to 16/12/2021
<b>05</b>	Mr S N Chiwande	Faculty Development Program on “INDUSTRY 4.0 with EMPHASIS on ROBOTICS AND AUTOMATION” from 21st February to 25th February 2022	in Association with ISTE and IQAC Cell, DYPCOE, Akurdi.	21/03/2022 to 25/03/2022
<b>06</b>	Mr S K Bidgar	Faculty Development Program on “INDUSTRY 4.0 with EMPHASIS on ROBOTICS AND AUTOMATION” from 21st February	in Association with ISTE and IQAC	21/03/2022 to 25/03/2022

		to 25th February 2022	Cell, DYPCOE, Akurdi.	
07	Mr S S Kallurkar	Faculty Development Program on "INDUSTRY 4.0 with EMPHASIS on ROBOTICS AND AUTOMATION" from 21st February to 25th February 2022	in Association with ISTE and IQAC Cell, DYPCOE, Akurdi.	21/03/2022 to 25/03/2022
08	Mr M L Chanpur	Intellectual Property Rights	Cummins COE	07/03/2022 to 12/03/2022
09	Mr M A Kelkar	FDP on "Software Based Case Studies for Development of Multidisciplinary Projects"	AISSMS College Of Engineering, Pune	22/11/2021 to 26/11/2021
10	Mr S K Bidgar	Online FDP on "Industry 4.0 with Emphasis on Robotics and Automation"	DYPCOE Akurdi, Pune	21/02/2022 to 25/02/2022
11	Mr S N Chiwande	National Level Faculty Development Program on "INDUSTRY 4.0 & SMART MANUFACTURING",	Dr. V. B. Kolte CoE Malkapur	31/05/2022 to 04/06/2022

**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	Mr V Y Sonawane	Attended Webinar on National education Policy	AICTE	16/12/2021
2	Mr V Y Sonawane	Attended Webinar "Symbol of Knowledge" program on the occasion of "Constitution Day"	AISSMS COE Pune	08/12/2021

3	Mr VY Sonawane	Web seminar: Session 5 – Green rating system and Smart Cities	ASSOCHAM INDIA	02/12/2021
	Mr VY Sonawane	Attended Webinar orientation program for 12th pass out students	AISSMS COE Pune	18/11/2021
4	Mr VY Sonawane	Attended Webinar on Commvault Connections 21 APJ	Commvault	11/11/2021
5	Mr VY Sonawane	Attended Webinar Moldex 3D E-learning	Moldex 3D E-learning	11/11/2021
6	Mr V Y Sonawane	Attended Webinar Inauguration Ceremony Event of 16th AISSMS Engineering	AISSMS COE Pune	29/09/2021
7	Mr V Y Sonawane	Attended National Workshop on Digital Disruption	ASSOCHAM, New Delhi	17/09/2021 To 18/09/2021
8	Mr V Y Sonawane	One faculty one Industry OFOI done During International Exhibition	SHRIDHAN Automation Pvt. Ltd Bangalore	23/09/2021
9	Mr VY Sonawane	Attended WINGS OF NSS Chief Guest Savita Kulkarni Nodal Officer NSS SPPU	NSS, AISSMSCOE	23/09/2021
10	Mr VY Sonawane	Attended National Workshop for Educators on Integration of Building Heat Transfer in Engineering Curriculum	IIT Bhilai	28/08/2021 To 29/08/2021
11	Mr V Y Sonawane	Attended Webinar Inauguration Ceremony of AISSMS COE	AISSMS COE Pune	26/08/2021



		SESI Institutional Member and AISSMS COE SESI Students'		
12	Mr VY Sonawane	Attended Webinar on AISSMS COE ISTE Students' Chapter, AISSMS COE IEEE Student Branch, IEI Students' Chapter & IETE Students Forum (ISF)	Dr. Rajesh Jalnekar, Director VIT Pune	24/08/2021
13	Mr V Y Sonawane	Attended Webinar and Quiz Industrial Automation and Control AISSMS (I) Connect under ISTE Chapter Mr. Shivaji Suryawanshi Director Mr. Sanket and Aero circle Automation Pvt limited Pune	AISSMS COE Pune	17/07/2021
14	Mr VY Sonawane	Attended Parent Meet for BE Production Sandwich	Production Engineering Department	24/07/2021
15	Mr VY Sonawane	Attended Expert Session on "Enhancement of Energy Dissipation using Combination of Solid Roller Bucket & Type II Stilling Basin for Ogee Stepped Spillway"	Indian Water Works Association, Pune Centre in association with AISSMS College of Engineering, Pune	24/07/2021
16	Mr V Y Sonawane	Attended webinar on "Ask Me Anything about Data Science and Analytics"	Great Learning	28/07/2021
17	Mr V Y Sonawane	Attended webinar on "Importance of Material & Supply Chain Management in Near Future"	ASSOCHAM INDIA	24/07/2021

18	Mr V Y Sonawane	Attended Webinar on Expert Talk on Financial Literacy AISSMSCOE ISTE Students'	AISSMS COE Pune	17/07/2021
19	Mr V Y Sonawane	Attended Webinar on ESG (Environmental, Social and Governance) in FMCG Sector'	ASSOCHAM INDIA	22/07/2021
20	Mr V Y Sonawane	Attended Webinar on AISSMS I - Connect Program (An Industry Institute Interaction Program) on "Automotive Industry Trends and Challenges"	Mr. Parvin Dhole, Sr. Manager, R & D, Truck Division Knorr-Bremse Technological Centre, Hinjewadi, Pune	10/07/2021
21	Mr V Y Sonawane	Attended Webinar on AISSMS I - Connect Program Do's and Don'ts for Career Aspirants	Aspirants Mr. Raghu Nair, Head Steam Engineering Centre, Forbes Marshall, Pune	09/07/2021
22	Mr V Y Sonawane	Attended Webinar on IEEE Publications: Technical Writing and Enhancing Your Research	IEEE Publications	14/07/2021
23	Mr V Y Sonawane	Attended Webinar on "Anyone Can Automate" Automation Anywhere	Automation	08/07/2021
24	Mr V Y Sonawane	Attended Webinar AISSMS I-CONNECT brings you an expert Lecture on *"Career Opportunities for Engineering Students."	AISSMS COE Pune	06/07/2021

25	Mr V Y Sonawane	Attended Webinar on "Innovative Way for Successful Entrepreneurship"	AISSMS COE Pune	07/07/2021
26	Mr V Y Sonawane	Attended ISTE Students Chapter Inauguration Ceremony and Keynote Address	ISTE Students	26/06/2021
27	Mr V Y Sonawane	Attended International Certified Career Coach Foundation Program	International Certified Career Coach Foundation Program Delhi	25/06/2021 To 25/07/2021 26/06/2021
31	Mr V Y Sonawane	Attended "Webinar on OBE – IN PURSUIT OF ACADEMIC EXCELLENCE - II		26/06/2021
28	Mr V Y Sonawane	Attended International Exhibition KROHNE Germany	KROHNE Germany	21/06/2021
29	Mr V Y Sonaw	Attended AISSMS I- CONNE Industry- Institute-Interaction Programmed	Mr. Bhushan Pati (Senior VP Tech Mahindra)	26/06/2021
30	Mr V Y Sonaw	Attended Webinar on "Cycles way for Innovation & Entrepreneurship"	AISSMS COE Pu	22/07/2021
21	Mr V Y Sonaw	Attended AISSMS College of Engineering Pune-01, National Service Scheme, Unnat Bharat Abhiyan and GYMKHANA celebrating 7th International Yoga Day in association with Savitribai Phule Pune University, Pune-0	AISSMS COE Pu	21/06/2021
32	Mr V Y Sonaw	Attended FPTS 2021	Fluid Power Society India (FPSI)	18/06/2021 To 19/06/2021

33	Mr V Y Sonaw	Attended Savitribai Phule Pune University Board Sports Physical Education in collabor	Pune City, Pune Ahmednagar Dist Nashik District	21/06/2021
34	Mr V Y Sonaw	Attended Webinar on AICTE Initiatives	AICTE	18/06/2021
35	Mr V Y Sonaw	Attended Savitribai Phule Pune University, Pune and Department of Higher Education, Maharashtra	Savitribai Phule Pune University, and Department Higher Education Maharashtra	21/06/2021
36	Mr V Y Sonaw	Attended Webinar on OBE – I PURSUIT OF ACADEMIC EXCELLANCE – II	Great Learning	24/06/2021
37	Mr V Y Sonaw	Attended Webinar, webinar with Automation Anywhere & CNBC TV18 together present Future Ready India	TV18 CNBC	15/06/2021
38	Mr V Y Sonaw	Attended Two Days workshop 2021	Fluid Power Society of India (FPSI)	17/06/2021 To 18/06/2021
39	Mr V Y Sonaw	Attended Shri Sant Gajanan Maharaj College of Engineering Shegaon Department of Ele And Tele Engg An Webinar on Benefits and Opportunities of Professional Students' Chapter Pandemic."	Shri Sant Gajanan Maharaj College Engineering, She	11/06/2021
40	Mr V Y Sonaw	Attended the Webinar on "Symbol of Knowledge".	AISSMS COE Pu	
41	Mr V Y Sonaw	Attended "Effective Online Teaching using Bodhi Tree"	IIT Bombay	
42	Mr V Y Sonaw	Attended National level Quiz Environment Day	AISSMS COE Pu	
43	Mr V Y Sonaw	Attended Webinar shivswrajya Din	AISSMS COE Pu	
44	Dr N G	Webinar on	Department of	07/07/2021

	Shekapure	“Innovative way for Successful Entrepreneurship”	Production Engineering and Institution’s Innovation Council, AISSMS COE, Pune	
45	Dr N G Shekapure	Webinar on “Innovation in Technology Adoption and Development of High Precision Slipping: A Case Study”	Department of Production Engineering and Institution of Engineers (India), Kolkata Students’ Chapter, AISSMS COE, Pune in association with TRIZ Association of Asia	18/07/2021
46	Dr N G Shekapure	Webinar on “Importance of Material & Supply Chain Management in Near Future”	Department of Production Engineering, AISSMS COE, Pune	24/07/2021
47	Ms Y K Funde	Disha Pragatichi	AISSMS COE	18/09/2021
48	Ms Y K Funde	Current Scenario of India	AISSMS COE	02/10/2021
49	Ms Y K Funde	“IPR with reference patent drafting and filing in Indian context”	Institution’s Innovation Council AISSMS COE	14/10/2021
50	Mr S N Chiwande	Webinar on “Cycle - Proven way for Innovation & Entrepreneurship”	Department of Production Engineering, AISSMS COE PUNE SOURCE : ZOOM	01/07/2021

51	Mr S N Chiwande	Webinar on AICTE - Envisioning the reforms in Higher Education in the context of National Education Policy 2020 on 08th July 2021 at 15:00 Hrs	AICTE - Envisioning the reforms in Higher Education	08/07/2021
52	Mr S N Chiwande	Expert session on “Enhancement of Energy Dissipation using Combination of Solid Roller Bucket & Type II Stilling Basin for Ogee Stepped Spillway”	Organized by Indian Water Works Association, Pune Center in association with AISSMS CoE, Pune	24/07/2021
53	Mr S N Chiwande	Webinar on “Importance of Material & Supply Chain Management in Near Future” By Mr. Gaurav Joshi	Organised by Department of Production Engineering, AISSMS COE, Pune on 24 July 2021.	24/07/2021
54	Mr S N Chiwande	National Webinar on ‘Industry Automation and Control’ and passing the quiz	Organised by AISSMS COE ISTE Students’ Chapter	17/08/2021
55	Mr S N Chiwande	Attending World Entrepreneurship Day, “Powering Yuvoudhyamis” on Saturday 21st August from 10:10am to 1:00pm. With this virtual event, focus on building collaborations and partnerships to fuel youth entrepreneurship as a viable and aspirational career path.	IUCEE Partner GAME on	21/08/2021

<b>56</b>	Mr S N Chiwande	Webinar on the Topic: Internship & innovation as a career opportunities	Department of E&TC, AISSMS COE, PUNE Platform: Microsoft Teams	25/08/2021
<b>57</b>	Mr S N Chiwande	Participated in a Webinar on 'Problem Based Learning' Guest Speaker: Dr. Gayatri M Phade, Professor, Sandip Foundation Nashik	Department of Electronics & Telecommunicat ion Engineering, AISSMS College of Engineering, Pune in association with AISSMS COE IEEE Student Branch, IE(I) & ISTE Student Chapter and ISTE Student Forum (ISF)	25/08/2021
<b>58</b>	Mr S N Chiwande	Webinar on Inauguration Ceremony_Solar Energy Society of India (SESI) Institutional Membership and SESI Students' Chapter	Solar Energy Society of India (SESI) Institutional Membership and SESI Students' Chapter at 2.00 pm	26/08/2021
<b>59</b>	Mr S N Chiwande	Webinar on EduSkills & ISTE "Industry Center of Excellence"	AISSMS College of Engineering, Pune	07/09/2021
<b>60</b>	Mr S N Chiwande	Webinar on "Global Trends and Challenges in NanoTechnology"	AISSMS College of Engineering, Pune is inviting you for	30/09/2021

			Inauguration Ceremony SCITECH-IDEATHON	
61	Mr S N Chiwande	Webinar on "Key to Start-Up" by Mr Shrirang Gokhale & Mr Biman Gandhi, mentor and Guide from BYST & PMA Pune	Organised by Department of Production Engineering , AISSMS COE PUNE	12/10/2021
62	Mr M L Chanpur	Automotive Sensor System	AISSMS COE, Prod Engg Dept	04/10/2021
63	Mr M L Chanpur	Developing a Culture of Innovation	AISSMS COE, Mech and Prod Engg Dept	15/09/2021
64	Mr M L Chanpur	NPTEL E-Awareness workshop	NPTEL	22/12/2021
65	Mr M L Chanpur	Role of IPR In Start-up	Institution's Innovation Council AISSMS COE	14/10/2021
66	Mr M L Chanpur	CII Mystic South - Global Linkages Summit	CII	23/09/2021 – 24/09/2021
67	Mr M L Chanpur	NEP	NAAC	16/12/2021
68	Mr M L Chanpur	IPR with reference patent drafting and filing in Indian context	Institution's Innovation Council AISSMS COE	14/10/2021



69	Mr M L Chanpur	How to carry out Research? Tips for Research Scholars	Dr. Vithalrao Vikhe Patil college of Engineering, Ahmednagar	15/09/2021
70	Mr S S Kallurkar	Webinar on Inauguration Ceremony_Solar Energy Society of India (SESI) Institutional Membership and SESI Students' Chapter	Solar Energy Society of India (SESI) Institutional Membership and SESI Students' Chapter at 2.00 pm	26/08/2021
71	Mr S S Kallurkar	National Webinar on 'Industry Automation and Control	AISSMS COE	17/08/2021
72	Mr S S Kallurkar	National Webinar on MATERIAL FORMING	AISSMS COE	17/08/2021
73	Mr S K Bidgar	webinar on "Awareness program of Manthan Hackathon"	AISSMS COE	08/10/2021
74	Mr S K Bidgar	"IPR with reference patent drafting and filing in Indian context"	AISSMS COE	14/10/2021
75	Mr S K Bidgar	"Innovation in Technology Adoption and Development of High Precision Slipping: A	AISSMS COE	18/07/2021

		Case Study”		
76	Mr S K Bidgar	webinar on “Developing a Culture of Innovation”	AISSMS COE	15/09/2021
76	Mr S K Bidgar	Online National Level Workshop on ‘Recent Trends in Mechatronics and Automation’	Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering, Nashik	24/09/2021 to 25/09/2021

Term Two				
S N	Name of Faculty	Title of the Seminar/Webinar	Organized By	Duration/ Dates
1	Mr M L Chanpur	Advanced Materials Characterisation Techniques	COE AVK Nagar, Kanyakumari Dist	01/03/2022 - 03/03/2022
2	Mr M L Chanpur	IP Awareness/Training program	Govt of India	10/03/2022
3	Mr M L Chanpur	Design Thinking, Critical Thinking and Innovation Design	Moradabad Institute of Technology	24/03/2022



Term Two				
S N	Name of Faculty	Title of the Conference / Symposium	Organized By	Duration/ Dates
1	Mr S N Chiwande	International Conference on Intelligent Technologies (ICIT- 2021)	(ICIT – 2021) – Singapore	17/12/2021 TO 19/12/2021
2	Mr S K Bidgar	Nil		

**ONLINE COURSES / CERTIFICATE COURSES COMPLETED BY  
DEPARTMENT FACULTY (ALL FACULTIES)**

Term One				
S N	Name of Faculty	Title of the Course	Conducted By	Duration/ Dates
1	Mr V Y Sonawane	NPTEL Theory of Production Processes	NPTEL MHRDC, GOI	Sep-Dec 2021
2	Mr VY Sonawane	NPTEL Manufacturing system Technology I and II	NPTEL MHRDC, GOI	Sep-Dec 2021
3	Mr V Y Sonawane	NPTEL Introduction to Robotics	NPTEL MHRDC, GOI	Sep-Dec 2021
4	Mr V Y Sonawane	ATAL FDP Advancements in Computational Fluid Dynamics using FLUIDYN Computational Fluid Dynamics Engineering	AICTE ATAL The Department of Aerospace Engineering, Alliance University	02/06/2021 To 06/06/2021
5	Mr V Y Sonawane	ATAL FDP Research Methodology: Design and Technology Design and Technology Design & Media	AICTE ATAL Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070	07/06/2021 To 11/06/2021
6	Mr VY Sonawane	Training on “Salesforce Technology - Admin”	Nagpur Institute Of Technology,	04/09/2021 To 11/09/2021

			Nagpur 441501	
7	Mr VY Sonawane	Attended FDP on AICTE-Workshop on Examination Reforms	ICT 250 NIITTR, Kolkata	10/01/2022 To 12/01/2022
8	Mr V Y Sonawane	Attended FDP on Fusion Welding Processes	ICT 250 NIITTR, Kolkata	10/01/2022 To 14/01/2022
9	Mr V Y Sonawane	Attended Faculty Development Program on "Trends and Innovations in Healthcare	Vishwakarma Institute of Information Technology, Pune 411 048	25/10/2021 To 29/10/2021
10	Dr N G Shekapure	Coursera Course on "Ask Questions to Make Data-Driven Decisions"	Google	20/08/2021 to 10/09/2021
11	Dr N G Shekapure	Coursera Course on "Foundations: Data, Data, Everywhere"	Google	15/08/2021 to 08/09/2021
12	Dr N G Shekapure	Coursera Course on "Prepare Data for Exploration"	Google	25/08/2021 to 12/09/2021
13	Dr N G Shekapure	Coursera Course on "Process Data from Dirty to Clean"	Google	28/08/2021 to 19/09/2021
14	Mr S S Kallurkar	ATAL FDP on Design Thinking: Aspirations for Innovations	AISSMS COE, AICTE	29-11-2021 to 03-12-2021
15	Mr S K Bidgar	Completed ISTE approved one week FDP on "Augmented Reality and Virtual Reality"	AISSMS College of Engineering, Pune	21 /06/2021 to 25/06/2021

16	Mr S K Bidgar	Completed AICTE Quality Improvement Scheme (AQIS) Sponsored one week online Short Term Training Program On <b>“Innovative &amp; Inventive Problem Solving”</b>	Department of Production Engineering, AISSMS COE, Pune	22 /06/2021 to 27/06/2021
17	Mr S K Bidgar	Attended one week online FDP on <b>“Foundations of Data Science”</b>	MIT Academy of Engineering, Alandi	26 /07/2021 to 30/07/2021
18	Mr S K Bidgar	National Level Workshop on <b>“Recent Trends in Mechatronics and Automation”</b>	Karmaveer Adv. Baburao Ganpatrao Thakare COE, Nashik	24 /09/2021 to 25/09/2021
19	Mr S K Bidgar	Completed the AICTE-ISTE approved One Week FDP on <b>“Electric Mobility as a Future”</b>	Dr. D.Y.Patil IOEM&R Akurdi Pune in association with SAE India	25/10/2021 to 29/10/2021
20	Mr S K Bidgar	Participated in Five Days FDP on <b>“Software Based Case Studies for Development Of Multidisciplinary Projects”</b>	Department of Computer Engineering, AISSMS COE, Pune	22/11/2021 to 26/11/2021
21	Mr S K Bidgar	Completed the AICTE-ISTE approved Orientation/ Refresher Programme on <b>“Nanotechnology”</b>	Muffakham Jah COE&T, Hyderabad	10/12/2021 to 16/12/2021

		<b>Application in Mechanical Engin</b>		
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<b>Term Two</b>				
<b>S N</b>	<b>Name of Faculty</b>	<b>Title of the Course</b>	<b>Conducted By</b>	<b>Duration/ Dates</b>
<b>01</b>	Mr S K Bidgar	Online FDP on “Industry 4.0 with Emphasis on Robotics and Automation”	DYPCOE Akurdi, Pune	21/02/2022 to 25/02/2022

**EXTENSION LECTURES / WEBINARS (Lectures organized on other than technical topics)) (ALL FACULTIES)**

<b>Term One</b>					
<b>S N</b>	<b>Name of faculty coordinator</b>	<b>Topic</b>	<b>Name and contact details of guest</b>	<b>Date</b>	<b>Number of beneficiarie s</b>
1	Mr V Y Sonawane	National level Quiz on World Environment Day		05/06/2021	89
2	Ms Y K Funde2	Industrial Automation	Ms Nital Sarap	15/11/2021	50
3	Mr V Y Sonawane	Social program and National Quiz on World's Conservation day	Dr Suhas Gore, Assistant General Manager Mailhem Ikos Enviro Pvt. Ltd. Pune	28/07/2021	105
4	Mr V Y Sonawane	National Quiz on Industrial Automati	Mr. Shivaji Suryawa Director and Joint	17/07/2021	

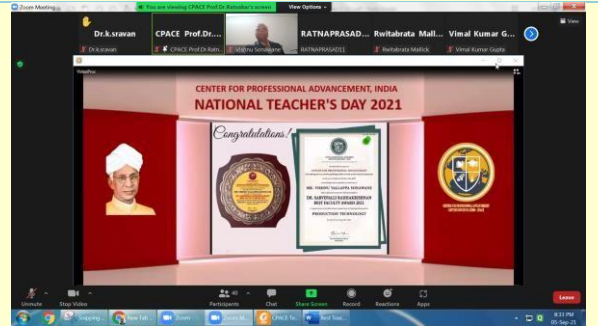
		Control AISSMS (I) under ISTE Chapter	partner Mr. Sanket Palkar of Aero circle Automation Pvt limited Pune		
5	Mr V Y Sonawane	National webinar on Industrial Automation Control AISSMS (I) under ISTE Chapter	Mr. Shivaji Suryawa Director and Joint partner Mr. Sanket P Aero circle Automati limited Pune	17/07/2021	
6	Mr V Y Sonawane	National webinar on Worlds Conservation Day	Dr Suhas Gore, Assistant General Manager Mailhem Ikos Enviro Pvt. Ltd. Pune	28/07/2021	
7	Mr S K Bidgar	Online Webinar on “Career Opportunities After Engineering”	Mr B V Reddy Mobile No. - 8208525714	13/01/2022	48

### Term Two

S N	Name of faculty coordinator	Topic	Name and contact details of guest	Date	Number of beneficiaries
1	Mr S K Bidgar	“Importance of General Aptitude for Jobs”	Mr Kusumanchi Rajesh Mobile No. - 9007322356	24/03/2022	78









**Webinar on “Importance of General Aptitude for Jobs” on 24/03/2022, Organized by Mr S K Bidgar**



**FDP attended by S N Chiwande on 31/05/2022 to 04/06/2022**

# **2. ACTIVITIES ORGANIZED**

Term One					
S N	Name of faculty coordinator	Title of the FDP/STTP/WS/ Seminar/Sympo Sium	Duration/ Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)
01	Dr S H Wankhade Dr N G Shekapure Mr S S Kallurkar	Conducted One Week Online STTP sponsored by AICTE Quality Improvement Scheme “Innovative and Inventive Problem Solving (IIPS-2021)” in 4 Phases	Phase I: 22/06/2021 to 27/06/2021 PhaseII: 29/06/2021 to 24/07/2021 Phase III: 06/07/2021 to 11/07/2021 Phase IV: 13/07/2021 to 17/07/2021	Phase I: 70  PhaseII: 194  Phase III: 125  Phase IV: 396	AICTE, 3,92208/-
02	Mr S K Bidgar	Nil			

#### SEMINARS/ WORKSHOPS/ WEBINARS ORGANIZED BY THE DEPARTMENT

Term One					
S N	Name of Coordinator/ s	Title of the Seminar/Webinar	Duration / Dates	No. of Participa nts	Funding Agency (If any) and Amount (Rs.)
01	Mr S N Chiwande	Webinar on "Key to Start- Up" by Mr Shrirang Gokhale & Mr Biman Gandhi, mentor and Guide from BYST & PMA	12/10/20 21	112	NIL

02	Mr M L Chanpur	First Regional Conclave of Students' Chapter of The Institution of Engineers (India) for Western Region for the year 2021-22 : Poster Competition	09/12/2021 – 10/12/2021	103	IE in association with AISSMS COE, Production Engineering Department
3	Mr V Y Sonawane	National Quiz on Industrial Automation and Control AISSMS (I) Connect under ISTE Chapter Mr. Shivaji Suryawanshi Director and Joint partner Mr. Sanket Palkar of Aero circle Automat limited Pune	17/07/2021	110	NIL
4	Mr S K Bidgar	Online Webinar on “Career Opportunities After Engineering”	13/01/2022	48	–

Term Two					
S N	Name of Coordinator/s	Title of the Seminar/Webinar	Duration / Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)
01	Dr N G Shekapure	Webinar on “Introduction to Lean Six Sigma & Its importance for Professionals”	05/03/2022	68	-
02	Mr S K Bidgar	Webinar on “ Importance of General Aptitude for Jobs”	24/03/2022	78	–

<b>Term Two</b>				
<b>S N</b>	<b>Name of Faculty Coordinator</b>	<b>Details of activity conducted</b>	<b>Date</b>	<b>Number of beneficiarie s</b>
1	Mr S K Bidgar	Industrial Visit Organized in Vanaz Engineers Ltd., Kothrud, Pune for SE Production S/W Engineering Students	08/04/2022	17

#### **MOU SIGNED WITH ACADEMIC AND PROFESSIONAL ORGANISATIONS**

<b>Term One</b>				
<b>Sr. No.</b>	<b>Faculty Coordinator</b>	<b>Name of Organisation</b>	<b>Date of MoU Signed</b>	<b>Valid upto 00/00/0000</b>
1	Ms Y K Funde	Univision Automation Pune	08/01/2021	20/01/2026
2	Ms Y K Funde	Sofcon Pvt Ltd Pune	18/10/2017	17/10/2022
3	Mr S N Chiwande	Pune Management Association, Pune	20/09/2021	
4	Mr M L Chanpur	Aarohi Industries	18/01/2021	20/01/2026
5	Mr V Y Sonawane	X-Cubator	18/03/2021	18/03/2024
6	Mr S K Bidgar	Nil		

<b>Term Two</b>				
<b>Sr. No.</b>	<b>Faculty Coordinator</b>	<b>Name of Organisation</b>	<b>Date of MoU Signed</b>	<b>Valid upto 00/00/0000</b>
01	Dr N G Shekapure	Elon Power Pvt. Ltd	22/02/2022	21/02/2027

<b>02</b>	<b>Ms Y K Funde</b>	<b>Univision Automation Pune</b>	<b>08/01/2021</b>	<b>20/01/2026</b>
<b>03</b>	<b>Ms Y K Funde</b>	<b>Sofcon Pvt Ltd Pune</b>	<b>18/10/2017</b>	<b>17/10/2022</b>
<b>04</b>	<b>Mr S K Bidgar</b>	<b>UB Cryogenic Solutions LLP Pune</b>	<b>04/03/2022</b>	<b>03/03/2022</b>

<b>Total Functional / Live MoUinitiated by Department</b>				
<b>Sr. No.</b>	<b>Faculty Coordinator</b>	<b>Name of Organisation</b>	<b>Date of MoU Signed</b>	<b>Valid upto 00/00/0000</b>
<b>01</b>	<b>Dr N G Shekapure</b>	<b>Elon Power Pvt. Ltd</b>	<b>22/02/2022</b>	<b>21/02/2027</b>
<b>2</b>	<b>Ms Y K Funde</b>	<b>Univision Automation Pune</b>	<b>08/01/2021</b>	<b>20/01/2026</b>
<b>3</b>	<b>Ms Y K Funde</b>	<b>Sofcon Pvt Ltd Pune</b>	<b>18/10/2017</b>	<b>17/10/2022</b>
<b>04</b>	<b>Mr M L Chanpur</b>	<b>Aarooi Industries</b>	<b>18/01/2021</b>	<b>20/01/2026</b>
<b>05</b>	<b>Mr S K Bidgar</b>	<b>UB Cryogenic Solutions LLP Pune</b>	<b>04/03/2022</b>	<b>03/03/2022</b>



**RESEARCH CONTRIBUTION  
FUNDED RESEARCH PROJECT**

<b>Term One</b>				
<b>S N</b>	<b>Principal Investigator</b>	<b>Title of the Project</b>	<b>Amount Received (Rs)</b>	<b>Funding Agency</b>
1	Mr S K Bidgar	Development of Cryogenic Treatment Setup & Testing for Enhancing and Measurement of Tool Life	InProcess	ASPIRE 2020 SPPU Pune

<b>Term Two</b>				
<b>S N</b>	<b>Principal Investigator</b>	<b>Title of the Project</b>	<b>Amount Received (Rs)</b>	<b>Funding Agency</b>
1	Mr S K Bidgar	Development of Cryogenic Treatment Setup & Testing for	InProcess	ASPIRE 2020

		Enhancing and Measurement of Tool Life		SPPU Pune
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**PATENTS, COPYRIGHT, TRADEMARK AND OTHER (IPR)**

<b>Term One</b>				
<b>Sr No.</b>	<b>Name of Faculty</b>	<b>Name of the Patent</b>	<b>Patent Number and Date</b>	<b>Type (National/International/Commercialized)</b>
01	Dr N G Shekapure	Copyrights on "Excel Sheet to Compile and Extract Attendance from Microsoft Teams Attendee"	L-109933/2021, 29/12/2021	National

Term One						
S. No	Authors	Document Details	Year	Source Details	ISBN/ISSN	Publisher
	Mr S S Kallurkar Dr P R Baviskar Dr S H Wankhade	Enhancing User Experience for Computer Aided Design packages through Artificial Intelligence	2021-22	<a href="http://www.thedesignengineering.com/index.php/DE/article/view/7276">http://www.thedesignengineering.com/index.php/DE/article/view/7276</a>	ISSN: 0011-9342   Year 2021   Issue: 9   Pages: 2973-2982	Design Engineering

### BOOK/ ARTICLE PUBLICATIONS

Term One				
Author	Title of the Book	Published by	ISBN	Year
Dr N G Shekapure	Data Science - Techniques and Intelligent (Chapter No 13- Applications Data Analysis for Technical Business Incubation Performance	Taylor & Francis Group, LLC, USA	9781032254494	2021

### INTERACTION WITH INDUSTRY

Term Two				
Sr. No.	Faculty Coordinator	Class and Number of students attended	Industry Name and Address	Date of visit
01	Mr S K Bidgar	SE Production S/W	Vanaz Engineers Ltd Kothrud	08/04/2022

### EXPERT LECTURES / WEBINARS DELIVERED BY INDUSTRY EXPERTS

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

<b>Dr N G Shekapure</b>	SE, TE, BE Production SW (168)	<b>Mr Gaurav Joshi</b> Global Project Manager (Atlas Copco India Limited)	Expert Talk on “IMPORTANCE OF SUPPLY CHAIN MANAGEMENT IN NEAR FUTURE”	24/07/2021

### MOU SIGNED WITH INDUSTRY

Term One				
Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto
01	Mr M L Chanpur	Aarohi Industries	18/01/2021	20/01/2026
02	Ms Y K Funde	Univision Automation	08/01/2021	07/01/2026

Term Two				
Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto
1	Ms Y K Funde	Univision Automation	08/01/2021	07/01/2026

2	Mr S K Bidgar	UB Cryogenic Solutions LLP Pune	04/03/2022	03/03/2022
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TOTAL FUNCTIONAL / LIVE MOU INITIATED BY THE DEPARTMENT				
Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto (00/00/0000)
01	Mr S K Bidgar	UB Cryogenic Solutions LLP Pune	04/03/2022	03/03/2022

**Term Two**

<b>Sr. No.</b>	<b>Faculty Coordinator</b>	<b>Technical Area in which Training Provided / Type of Support</b>	<b>Industry Name</b>
01	Mr M L Chanpur	Testing of Measuring Gauge	Jaws Industries, Pune
2	Mr M L Chanpur	Designing of Furnace Oil chamber	Unity DesignTech Pvt Ltd



# **AISSMS**

## **COLLEGE OF ENGINEERING**

ज्ञानम् सकलजनहिताय  
Accredited by NAAC with "A+" Grade



## **DEPARTMENT OF FIRST YEAR ENGINEERING**

### **ANNUAL REPORT**

**(01 JUNE 2021 to 31 MAY 2022)**

**TERM ONE: 01 June to 30 November**

**TERM TWO: 01 December to 31 May**

**Academic Year 2021 – 22**

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5.10	Students Undergone Sandwich Training	NA
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6.3	Certificate / Online Courses Completed by Students	NA
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6.6	Sports / Cultural Achievements of Students (Individual Level)	NA
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# **1. PROFILE OF DEPARTMENT**

## 1.1 INTRODUCTION

Year of Establishment	<b>1992</b>
UG Program	<b>NA</b>
PG Program	<b>NA</b>
Number of Teaching Staff	<b>32</b>
Number of Non-Teaching Staff	<b>05</b>

## 1.2 LABORATORIES IN THE DEPARTMENT

<b>Name of Laboratory</b>	<b>Name of Laboratory</b>
<b>Physics Lab</b>	<b>Chemistry Lab</b>

## 1.3 SOFTWARES AVAILABLE IN THE DEPARTMENT

<b>Software Available</b>
<b>NIL</b>

## 1.4 FACULTY IN THE DEPARTMENT

<b>Name of faculty</b>	<b>Designation</b>	<b>Name of faculty</b>	<b>Designation</b>
Prof.V R Patil	Assist. Professor	Prof. S. B. Patil	Assist. Professor
Dr. D. V. Nighot	Asso. Professor	Prof. A.M. Shete	Assist. Professor
Dr. M. K. Nikam	Asso. Professor	Prof.A.S.Ghorpade	Assist. Professor
Dr. S. K. Upasani	Asso. Professor	Prof. Almas Ambreen	Assist. Professor
Dr. N. N. Shejwal	Asso. Professor	Prof. B.S. Bobdey	Assist. Professor
Prof. A.Y.Kazi	Assist. Professor	Prof S. T. Gade	Assist. Professor
Prof. S.P.Bhosale	Assist. Professor	Prof.S.S.Patil	Assist. Professor
Prof.V.V.Kulkarni	Assist. Professor	Prof. S. S. Khasbage	Assist. Professor
Dr.A.B.Patil	Assist. Professor	Dr. V.S. Kalyani	Assist. Professor
Prof. A.B.Thakare	Assist. Professor	Prof. M. S. Nikam	Assist. Professor
Dr.S.A.Virkar	Assist. Professor	Prof. S T Surase	Assist. Professor

Prof. Y.B.Karandikar	Assist. Professor	Prof.B.A.Patil	Assist. Professor
Prof.P. G. Kokare	Assist. Professor	Prof.K.B.Kshirsagar	Assist. Professor
Prof.P.R.Satarkar	Assist. Professor	Dr. P. D. Baviskar	Assist. Professor
Prof. S. S. Bhuinyan	Assist. Professor	Prof. S.A.Takalkar	Assist. Professor
Prof. Y.R. Chandwade	Assist. Professor	Prof. A. A.Gupta	Assist. Professor
Prof.M. A. D'Cruz	Assist. Professor		

### 1.5 DETAILS OF SUPPORTING STAFF

Name of Non Teaching Staff	Designation	Name of Non Teaching Staff	Designation
Mr. J. R. Patil	Senior Lab Assistant	Mr. R. D. Rode	Lab Assistant
Mr. S. S. Mate	Lab Attendant	Mr. K. A. Alhat	Lab Attendant
Mr. S. N. Mane	Attendant		

### 1.6 STUDENTS' ENROLLMENT

Programme	GEN		SC		ST		OBC		PWD		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Chemical	14	8	4	1	0	0	7	1	0	0	11	3	36	13
Civil	26	7	9	1	2	1	19	2	0	0	30	4	86	15
Computer	41	16	5	4	3	2	28	6	0	0	26	6	103	34
Electrical	15	7	7	2	1	0	12	3	0	0	13	6	48	18
E & tc	21	11	3	1	0	0	10	6	0	0	11	5	45	23
Mechanical	37	4	11	3	0	0	21	6	0	0	25	3	94	16
Mech.sand	11	0	0	0	0	0	2	0	0	0	1	0	14	0
Prod. Sand	0	0	0	0	0	0	1	0	0	0	0	0	1	0

## 1.7 STUDENTS–FACULTY FEEDBACK DETAILS

TERM ONE				
Name of faculty	Class and Subject taught	Feedback (I) (%)	Feedback (II) (%)	Average Feedback (%)
Dr.A. B. Patil	EM I Mech-A	74	64	69
	EM-I Civil- A	83	86	85
A.B.Thakre	EM I Mech-B	78	80	79
	EM-I Chem-Prod	95	88	92
A.M.Shete	ES-I Computer-B	79	82	81
	EM Electrical	96	89	93
	ES-1 electrical	94	89	92
A.S.Ghorpade	PPS Computer –A	85	76	81
	PPS Computer-B	81	72	77
A.Y.Kazi	BXE E&TC	65	75	70
Almas Ambreen	BEE Mech-A	71	89	80
Bhakti Patil	PPS Mech-A	87	90	89
	PPS Mech-B	93	92	93
B.S.Bobde	BEE Mech-B	78	85	82
	BEE Computer-A	80	79	80
Dr.D.V.Nighot	CHEMISTRY Chem-Prod	96	91	94
M.A.D'cruz	ES-I Computer-A	94	87	91
	EM E&TC	86	82	84
	ES-1 E&TC	87	83	85
Dr.M.K.Nikam	EM-I E&TC	49	57	53
	EM-I Electrical	92	83	88
M.S.Nikam	EM-I Computer-A	87	86	87

	EM-I Computer-B	82	82	82
	EM-I Civil-B	78	77	78
Dr.N.N.Shejwal	PHYSICS Computer-B	60	68	64
Dr.P.D.Baviskar	CHEMISTRY Civil-B	68	79	74
	CHEMISTRY Electrical	89	79	84
P.G.Kokare	SME Civil-B	83	87	85
P.R.Satarkar	ES-I Mechanical-A	75	70	73
	EM Civil-A	91	91	91
	ES-1 Civil-A	91	92	92
S.A.Takalkar	BXE Civil-A	48	71	60
	BXE Electrical	85	80	83
Dr.S.A.Virkar	PHYSICS Mech-A	80	49	65
S.B.Patil	ES-I Mech-B	80	77	79
	EM Chem-Prod	96	88	92
	ES-1 Chem-Prod	94	90	92
Dr.S.K.Upasni	PHYSICS Mech-B	62	61	62
	PHYSICS Computer-A	72	67	70
S.P.Bhosale	BXE Civil-B	79	76	78
	BXE Chem-Prod	88	78	83
S.S.Bhuniyan	EM Civil-B	91	91	91
	ES-1 Civil-B	89	90	90
S.S.Khasbage	SME Chem-Prod	91	88	90
S.S.Patil	SME Computer-A	86	86	86
	SME Computer-B	79	80	80

S.T.Gade	SME E&TC	71	82	77
	SME Electrical	95	88	92
V.R.Patil	SME Mech-A	91	91	91
Dr.V.S.Kalyani	CHEMISTRY Civil-A	86	91	89
	CHEMISTRY E&TC	72	77	75
V.V.Kulkarni	BEE Computer-B	72	72	72
Y.B.Karandikar	SME Civil-A	84	94	89
Y.R.Chandwade	SMEMech-B	83	91	87

<b>TERM TWO</b>				
<b>Name of faculty</b>	<b>Class and Subject taught</b>	<b>Feedback (I) (%)</b>	<b>Feedback (II) (%)</b>	<b>Average Feedback (%)</b>
Dr.A.B.Patil	EM-II Div-1 (Mechanical A)	86	86	86
	EM-II Div-5 (Civil A)	85	91	88
A.B.Thakre	EM-II Div-2 (Mechanical B & Mech S/W)	81	81	81
	EM-II Div-9 (Chemical & Production S/W)	92	95	93.5
A.M.Shete	Es-2 Div-5 (Civil A)	83	91	87
	ES-2 Div-6 (Civil B)	84	85	84.5
	ES-2 Div-7 (E&TC)	75	73	74
	ES-2 Div-8 (Electrical )	88	91	89.5
	ES-2 Div-9 (Chemical & Production S/W)	86	92	89



A.Y.Kazi	BXE Div-2 (Mechanical B & Mech S/W)	83	81	82
Almas Ambreen	BEE Div-7 (E&TC)	72	78	75
	BEE Div-8 (Electrical )	81	89	85
Ankita Gupta	PPS Div-5 (Civil A)	93	96	94.5
	PPS Div-6 (Civil B)	93	90	91.5
Bhakti Patil	PPS Div-7 (E&TC)	90	88	89
	PPS Div-8 (Electrical )	88	90	89
B.S.Bobey	BEE Div-9 (Chemical & Production S/W)	78	89	83.5
Dr.D.V.Nighot	CHEMISTRY Div-3(Computer A)	83	86	84.5
Dr.M.K.Nikam	EM-II Div-8 (Electrical )	78	79	78.5
	EM-II Div-7 (E&TC)	62	62	62
M.A.D'cruz	ES-2 Div-3(Computer A)	88	89	88.5
	EM Div-3(Computer A)	93	90	91.5
M.S.Nikam	EM-II Div-3(Computer A)	91	89	90
	EM-II Div-4 (computer B)	83	85	84
	EM-II Div-6 (Civil B)	83	87	85
Dr.N.N.Shejwal	PHYSICS Div-8 (Electrical )	58	78	68
	PHYSICS Div-9 (Chemical & Production S/W)	82	91	86.5
P R Satarkar	EM Div-1 (Mechanical A)	83	89	86

	ES-2 Div-1 (Mechanical A)	82	90	86
Dr.P. D. Baviskar	CHEMISTRY Div-2 (Mechanical B & Mech S/W)	61	74	67.5
	CHEMISTRY Div-4 (computer B)	68	72	70
P.G.Kokare	EG Div-6 (Civil B)	84	85	84.5
S P Bhosale	BXE Div-1 (Mechanical A)	64	69	66.5
S.A.Takalkar	BXE Div-3(Computer A)	57	67	62
	BXE Div-4 (computer B)	51	58	54.5
Dr.S.A.Virkar	PHYSICS Div-6 (Civil B)	69	79	74
	PHYSICS Div-7 (E&TC)	66	64	65
S.B.Patil	EM Div-4 (computer B)	90	93	91.5
	ES-2 Div-4 (computer B)	87	89	88
Dr.S.K.Upasni	PHYSICS Div-5 (Civil A)	71	81	76
S.S.Bhuniyan	EM Div-2 (Mechanical B & Mech S/W)	94	89	91.5
	ES-2 Div-2 (Mechanical B & Mech S/W)	93	88	90.5
S.S.khasbage	EG Div-4 (computer B)	89	85	87
	EG Div-9 (Chemical & Production S/W)	88	96	92
S.S.kolte	PPS Div-9 (Chemical & Production S/W)	88	91	89.5

S.S.Patil	EG Div-3(Computer A)	90	88	89
S.T.Gade	EG Div-8 (Electrical )	81	86	83.5
V R Patil	EG Div-1 (Mechanical A)	87	86	86.5
Dr.V S Kalyani	CHEMISTRY Div-1 (Mechanical A)	84	90	87
V.V.Kulkarni	BEE Div-5 (Civil A)	80	83	81.5
	BEE Div-6 (Civil B)	77	80	78.5
Y.B.Karandikar	EG Div-5 (Civil A)	84	91	87.5
	EG Div-7 (E&TC)	81	80	80.5
Y.R.Chandwade	EG Div-2 (Mechanical B & Mech S/W)	93	91	92

### 1.8 RESULT ANALYSIS (LAST TERM) (Academic Year: 2021-22

Term: I)

Term One					
Name Of Faculty	Class And Subject Taught	% Passing	Name Of Faculty	Class And Subject Taught	% Passing
Dr.A. B. Patil	Mechanical - A- Em I	91.8	P. R. Satarkar	Civil-A- Em	100
	Civil-A- Em I	94.11	P.G.Kokare	Civil-B- Sme	100
A. B. Thakare	Mechanical - B- Em I	98.3	S. B. Patil	Chemical &Prod- Em	96
	Chemical &Prod- Em I	90	Dr.S. K.Upasani	Mechanical - B- Phy	100
A. M. Shete	Electrical- Em	98.46	S. P. Bhosale	Civil-B- Bxe	100
A.S.Ghorpade	Computer-A- Pps	100		Chemical &Prod- Bxe	100

	Computer-B-Pps	100	S. S. Bhuniyan	Civil-B- Em	100
A.Y.Kazi	E&Tc- Bxe	100	S. S. Patil	Computer-B- Sme	100
Almas Ambreen	Mechanical - A- Bee	100	S. T.Gade	E&Tc- Sme	100
B.A.Patil	Mechanical - A- Pps	100	S.A.Takalkar	Civil-A- Bxe	100
	Mechanical - B- Pps	100		Electrical-Bxe	100
B.S.Bobdey	Mechanical - B- Bee	98.3	Dr.S.A.Virkar	Mechanical - A- Phy	100
	Computer-A-Bee	100	Dr.S.K.Upasani	Computer-A- Phy	100
Dr.D. V. Nighot	Chemical &Prod- Chem	100	S.S.Khasbage	Chemical &Prod- Sme	100
Dr.M K Nikam	E&Tc- Em I	98.52	S.S.Patil	Computer-A- Sme	100
	Electrical-Em I	98.46	S.T.Gade	Electrical-Sme	100
M. A. D'Cruz	E&Tc- Em	100	V. R. Patil	Mechanical - A- Sme	100
M. S. Nikam	Computer-B-Em I	100	Dr.V. S. Kalyani	Civil-A-Chem	100
	Civil-B- Em I	100		E&Tc-Chem	100
	Computer-A-Em I	100	V.V.Kulkarni	Computer-B- Bee	100
Dr.N. N. Shejwal	Computer-B-Phy	100	Y. R.Chandwade	Mechanical - B- Sme	96.61
Dr.P. D. Baviskar	Civil-B-Chem	100	Y.B.Karandikar	Civil-A-Sme	98.03

	Electrical- Chem	100			
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<b>TERM TWO</b>					
<b>Name of faculty</b>	<b>Class and Subject Taught</b>	<b>% passing</b>	<b>Name of faculty</b>	<b>Class and Subject Taught</b>	<b>% passing</b>
A Y Kazi	Mechanical-B- BXE	61.4		Computer-B-EM II	86.96
Dr.A. B. PATIL	Mechanical-A- EM II	31.15	M S Nikam	Computer-A-EM II	79.41
	Civil-A- EM II	27.45		Civil-B-EM II	22.92
A. B. Thakare	Mechanical-B- EM II	33.33	Dr.M.K.Nikam	E&TC-EM II	58.82
	Chemical & Prod- EM II	22.92		Electrical-EM II	49.23
Almas Ambreen	E&TC- BEE	66.18	P G Kokare	Civil-B-EG	64.58
	Electrical-BEE	56.92	P S Satarkar	Mechanical-A-EM	31.15
Ankita Gupta	Civil-A- PPS	70.59	S A Takalkar	Computer-A-BXE	86.76
	Civil-B- PPS	62.5		Computer-B-BXE	88.41
B A Patil	E&TC- PPS	89.71	S B Patil	Computer-B-EM	88.41

	Electrical-PPS	68.75	S S Kolte	Chemical & Prod-PPS	62.5
B S Bobdey	Chemical & Prod- BEE	37.5	S S Bhuniyan	Mechanical-B-EM	40.35
Dr D V Nighot	Computer-A-Chem	88.24	S. P. Bhosale	Mechanical-A-BXE	45.9
Dr P D Baviskar	Mechanical-B- Chem	57.89	S S Patil	Computer-A-EG	91.18
	Computer-B-Chem	91.3		Chemical & Prod-EG	56.25
Dr. N N Shejwal	Electrical-Phy	58.46	S S Khasbage	Computer-B-EG	91.3
	Chemical & Prod- Phy	64.58	S.T.GADE	Electrical- EG	78.13
Dr. S A Virkar	Civil-B- Phy	31.25	V V Kulkarni	Civil-A-BEE	23.53
	E&TC- Phy	75		Civil-B-BEE	20.83
Dr. S K Upasani	Civil-A- Phy	54.9	V. R. PATIL	Mechanical-A-EG	62.3
Dr. V. S. Kalyani	Mechanical-A- Chem	57.38	Y B Karandikar	Civil-A-EG	52.94
M A D'Cruz	Computer-A-EM	86.76		E&TC-EG	82.35

Y.R Chandwade	Mechanical- B- EG	59.65			
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### 1.9 CLASS RESULT ANALYSIS (LAST TERM) (Academic Year: 2021-22

Term: I)

TERM ONE												
SN	Class	No. Of Students									Percentage of Passing	
		Ap pe ar ed	Cl ea r Pa sse d	Ou tsta ndi ng (O) (9 - 10)	Excell ent (A+) (8.5 – 8.99)	Very Good (A) (7.5 – 8.49)	Go od (B+ ) (6.5 – 7.4 9)	Above Avera ge (B) (5.5 – 6.49)	Avera ge / Pass Class (4.25 – 5.49 )	Fail (F) 0 – 3.99	All Clea r	With ATK T
1	1.Mech-A	61	56	14	16	22	4	0	0	0	95.08	100 % (5)
2	2.Mech-B & Mech S/w	59	56	15	20	18	3	0	0	0	94.92	100 % (3)
3	3.Comp-A	69	69	51	16	2	0	0	0	0	100.00	100 % (0)
4	4.Comp-B	69	68	49	13	4	2	0	0	1	98.55	98.55 (0)
5	5.Civil-A	51	48	19	22	6	1	0	0	0	94.12	100 % (3)
6	6.Civil-B	50	50	17	15	15	3	0	0	0	100.00	100 % (0)
7	7.E&TC	68	67	31	21	15	0	0	0	0	98.53	100 % (1)
8	8.Electrical	65	63	19	23	20	1	0	0	0	96.92	100 % (2)
9	9.chemical & Prod S/W	50	43	8	17	16	2	0	0	0	86.00	100 % (7)
	<b>Total</b>	<b>542</b>	<b>520</b>	<b>223</b>	<b>163</b>	<b>118</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>95.94</b>	<b>99.81 % (21)</b>

TERM TWO												
SN	Class	No. Of Students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9 - 10)	Excellent (A+) (8.5 - 8.99)	Very Good (A) (7.5 - 8.49)	Good (B+) (6.5 - 7.49)	Above Average (B) (5.5 - 6.49)	Average / Pass Class (4.25 - 5.49)	Fail (F) 0 - 3.99	All Clear	With ATKT
1	1.Mech-A	61	14	1	1	10	2	0	0	0	22.95	100% (47)
2	2.Mech-B & Mech S/w	57	13	1	3	7	2	0	0	0	22.81	100% (44)
3	3.Comp-A	68	51	18	13	19	1	0	0	0	75.00	100% (17)
4	4.Comp-B	69	55	16	13	24	2	0	0	0	79.71	100% (14)
5	5.Civil-A	51	10	1	0	8	1	0	0	0	19.61	100% (41)
6	6.Civil-B	48	7	0	1	4	2	0	0	0	14.58	100% (41)
7	7.E&TC	68	36	7	7	18	4	0	0	0	52.94	100% (32)
8	8.Electrical	65	29	0	6	15	8	0	0	0	44.62	100% (36)
9	9.chemical & Prod S/W	48	10	0	0	7	3	0	0	0	20.83	100% (38)
	<b>Total</b>	<b>535</b>	<b>225</b>	<b>44</b>	<b>44</b>	<b>112</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>39.23</b>	<b>100 % (310)</b>



# **2. FACULTY CONTRIBUTION**

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

TERM ONE		
SN	Name of Faculty	Awards & Recognition
1	Dr.N.N.Shejwal	Indo-Asian Teaching Excellence Award in Physics
2	Dr.N.N.Shejwal	Vidnyan Shikshak Sanman 2022 by “Marathi Vidnyan Parishad Pune”
3	Merilyn Albert D’Cruz	Received <b>Elite+Gold</b> in the NPTEL Exam for the course “ Design Technology and Innovation ”
4	Dr.Amol Bhausaheb Patil	Received <b>Elite+Silver</b> in the NPTEL Exam for the course“Introduction to Abstract Group Theory”
5	Bhakti Amit Patil	Received <b>Elite+Silver</b> in the NPTEL Exam for the course“Big Data Computing”
6	Vijay R Patil	Received <b>Elite</b> in the NPTEL Exam for the course“Aircraft Propulsion”
7	Avinash Bansidhar Thakare	Received <b>Elite</b> in the NPTEL Exam for the course“Introduction to Abstract and Linear Algebra”
8	Dr.Vrashali Kalyani	Received <b>Elite</b> in the NPTEL Exam for the course“Biomedical nanotechnology”

TERM TWO		
SN	Name of Faculty	Awards & Recognition

1	Dr.N.N.Shejwal	Appreciation Letter for grampanchyat Kalyan
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## 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	Prof. V.R.Patil Dr. S. K. Upasani Prof. V.V. Kulkarni Prof. A. B. Thakare Dr. S. A. Virkar Prof. Almas Ambreen Dr. V.S. Kalyani Prof. M. S. Nikam Prof. S T Surase	Carrier Counselling for 12th students
2	Dr. N. N. Shejwal	Nodal Officer, NSS, SPPU and UBA, MHRD, GOI
3	Prof. Y.B. Karandikar	Paper Setting at BVDU (Bharati Vidyapeeth Deemed University)

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. N. N. Shejwal	Nodal Officer, NSS, SPPU and UBA, MHRD, GOI

## 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	Dr. D. V. Nighot	Engineering Chemistry	Class notes, PPTs, MCQs,	<a href="https://drive.google.com/drive/u/0/my-drive">https://drive.google.com/drive/u/0/my-drive</a>

2	Prof. V.R.Patil	FE Website-SME,PPTS,Whatsapp	MCQs, You tube videos	<a href="https://sites.google.com/aissmscoe.com/bme/home">https://sites.google.com/aissmscoe.com/bme/home</a>
3	Dr. M. K. Nikam	Google Classrooms	Assignments, MCQs, Quiz	<a href="https://classroom.google.com/c/NDU2MDkxODgxNTM3">https://classroom.google.com/c/NDU2MDkxODgxNTM3</a> , <a href="https://classroom.google.com/c/NDUzNTgxNTg3NTUw">https://classroom.google.com/c/NDUzNTgxNTg3NTUw</a>
4	Dr. S. K. Upasani	FE Website,Whats App ,Google Quiz	Quiz,Assignment,MCQs on google drive	<a href="https://docs.google.com/forms/d/1dkJy0P0RlXI0hWzESgrwObGN2Zs9CHXYLvOGN1DvTA/edit?usp=sharing">https://docs.google.com/forms/d/1dkJy0P0RlXI0hWzESgrwObGN2Zs9CHXYLvOGN1DvTA/edit?usp=sharing</a>
5	Dr.N.N.Shejwal	Whats App, MTeam	Quiz,Assignment,MCQs on google drive	<a href="https://docs.google.com/forms/d/1IPn4Eh2WilvEhaqZhn3LORgKSN7t2uSkkUSXN-ICziM/edit">https://docs.google.com/forms/d/1IPn4Eh2WilvEhaqZhn3LORgKSN7t2uSkkUSXN-ICziM/edit</a>
6	Prof. A. Y. Kazi	FE Website	Assignments, MCQs, You tube links	<a href="https://sites.google.com/aissmscoe.com/bxe/home">https://sites.google.com/aissmscoe.com/bxe/home</a>
7	Prof. S.P. Bhosale	FE Website, WhatsApp	Assignments, MCQs, You tube links	<a href="https://sites.google.com/aissmscoe.com/bxe/home">https://sites.google.com/aissmscoe.com/bxe/home</a>
8	Prof. V.V. Kulkarni	FE Website,Whats App ,Google Quiz	Google Drive, Google Classroom, BEE Website, You tube Videos	<a href="https://sites.google.com/aissmscoe.com/bee/home">https://sites.google.com/aissmscoe.com/bee/home</a>
9	Prof. A. B. Patil	Engineering Mathematics	YouTube Channel	<a href="https://www.youtube.com/channel/UCzjDSJS5_y1VTwhyqC31qTA">https://www.youtube.com/channel/UCzjDSJS5_y1VTwhyqC31qTA</a>
10	Prof. A. B. Thakare	FE Website, WhatsApp FE WEBSITE ; Google Quiz , MSTeams	Assignments, University Question Papers, MCQ's Notes-Presentation, Quiz; Assignments	<a href="https://sites.google.com/aissmscoe.com/maths2/home?authuser=0">https://sites.google.com/aissmscoe.com/maths2/home?authuser=0</a>

11	Dr. S. A. Virkar	FE Website, WhatsApp	MCQ, PPT, Quiz	<a href="https://sites.google.com/aissmscoe.com/">https://sites.google.com/aissmscoe.com/</a>
12	Prof. Y.B.Karandikar	FE Website, WhatsApp	Assignments, University Question Papers, MCQ's	<a href="https://sites.google.com/aissmscoe.com/maths2/home?authuser=0">https://sites.google.com/aissmscoe.com/maths2/home?authuser=0</a>
13	Prof. P.G.Kokare	FE Website, WhatsApp	MCQ, PPT, Quiz	<a href="https://sites.google.com/aissmscoe.com/">https://sites.google.com/aissmscoe.com/</a>
14	Prof. P.R.Satarkar	Google classroom (EM, AC)	Lecture Recordings, Assignments, MCQs,youtube links, Quiz	<a href="https://sites.google.com/aissmscoe.com/em/home">https://sites.google.com/aissmscoe.com/em/home</a>
15	Prof. S. S. Bhuinyan	Google classroom (EM, AC)	Lecture Recordings, Assignments, MCQs,youtube links, Quiz	<a href="https://sites.google.com/aissmscoe.com/em/home">https://sites.google.com/aissmscoe.com/em/home</a>
16	Prof. Y.R. Chandwade	website	SME Website	<a href="https://sites.google.com/aissmscoe.com/bme/home">https://sites.google.com/aissmscoe.com/bme/home</a>
17	Prof. M. A. D'Cruz	Google Classrooms	AC-I Activities and Logos, EM Student Centric Activities Quiz	<a href="https://classroom.google.com/c/NDUwNTQyNTcyNDc5?cjc=g36cvtb">https://classroom.google.com/c/NDUwNTQyNTcyNDc5?cjc=g36cvtb</a> <a href="https://classroom.google.com/c/NDUwNTMwNzM5Nzk0?cjc=yaa jr76">https://classroom.google.com/c/NDUwNTMwNzM5Nzk0?cjc=yaa jr76</a>
		Google Classroom	Lecture Recordings, Assignments, MCQs	<a href="https://classroom.google.com/c/NDUwNTQyNTcyNDQy?cjc=gy7ieru">https://classroom.google.com/c/NDUwNTQyNTcyNDQy?cjc=gy7ieru</a>
18	Prof. S. B. Patil	Google Drive, Google Classroom, EM Website, You tube Videos	Google Drive, Google Classroom, EM Website, You tube Videos	<a href="https://sites.google.com/aissmscoe.com/em/home">https://sites.google.com/aissmscoe.com/em/home</a>
19	Prof. A.M. Shete	Google Drive, Google Classroom, EM Website, You tube Videos	Google Drive, Google Classroom, EM Website, You tube Videos	<a href="https://sites.google.com/aissmscoe.com/em/home">https://sites.google.com/aissmscoe.com/em/home</a>

20	Prof.A.S.Ghorpade	Notes,PPT,e-Videos,MCQ	Prepared PPS contents for All units	<a href="https://sites.google.com/aissmscoe.com/pps/home">https://sites.google.com/aissmscoe.com/pps/home</a>
21	Prof. Almas Ambreen	Google Drive, Google Classroom, BEE Website, You tube Videos	Google Drive, Google Classroom, BEE Website, You tube Videos	<a href="https://sites.google.com/aissmscoe.com/bee/home">https://sites.google.com/aissmscoe.com/bee/home</a>
22	Prof. B.S. Bobdey	Notes,PPT,e-videos ,MCQ	Prepared BEE e content for Unit I,II,III,IV	<a href="https://sites.google.com/aissmscoe.com/bee/home">https://sites.google.com/aissmscoe.com/bee/home</a>
23	Prof S. T. Gade	Notes,PPT,e-Videos,Lab Manual,MCQ,	Made SME subject e-content for Unit No.01/Google Site	<a href="https://sites.google.com/aissmscoe.com/bme/home">https://sites.google.com/aissmscoe.com/bme/home</a>
24	Prof. S. S. Patil	No Data	Quiz,Assignment,MCQs on google drive	<a href="https://drive.google.com/drive/u/2/folders/1GzdyTQppqIRU725bv0bQKwDmiGtO9ITG">https://drive.google.com/drive/u/2/folders/1GzdyTQppqIRU725bv0bQKwDmiGtO9ITG</a>
25	Prof. S. S. Khasbage	FE Website-SME,PPTS,Whatsapp	MCQs, You tube videos	
26	Dr. V.S. Kalyani	Google Classroom, Youtube video, FE website	Google Drive, Google Classroom, Engg Chem Website, You tube Videos	<a href="https://sites.google.com/aissmscoe.com/chem/home">https://sites.google.com/aissmscoe.com/chem/home</a>
27	Prof. M. S. Nikam	Google Classroom, Youtube video, FE website	Google Drive, Google Classroom, You tube Videos.	AISSMS EM-I (google.com), <a href="https://studio.youtube.com/channel/UCut5znM9g2Lfvk7-8v0XDHA/videos">https://studio.youtube.com/channel/UCut5znM9g2Lfvk7-8v0XDHA/videos</a>
28	Prof. S T Surase	Google Classroom, Youtube video	Google Drive, Google Classroom, You tube Videos.	<a href="https://youtube.com/channel/UC7F4fmMsTxr0FEHjSkxTcg">https://youtube.com/channel/UC7F4fmMsTxr0FEHjSkxTcg</a>
29	Prof.B.A.Patil	FE Website, Google drive	PPS Website, Google drive	<a href="https://sites.google.com/aissmscoe.com/pps">https://sites.google.com/aissmscoe.com/pps</a>
30	Prof.K.B.Kshirsagar	Google Classroom	Google Drive, Google Classroom,	

31	Dr. P. D. Baviskar	Fuels	Lectrue regarding Fuels and Types of fuels	<a href="https://www.youtube.com/watch?v=qGEmI9m3S2Y&amp;t=2437s">https://www.youtube.com/watch?v=qGEmI9m3S2Y&amp;t=2437s</a>
32	Prof S A Takalkar	Google Drive, Google Classroom, BXE Website, You tube Videos	Google Drive, Google Classroom, bxe Website, You tube Videos	<a href="https://classroom.google.com/u/0/c/NDg0OTgzNjEwOTE3">https://classroom.google.com/u/0/c/NDg0OTgzNjEwOTE3</a>

### TERM TWO

S. No.	Name of Faculty	Title of e-content	e-content development facility/platform	link of the content
1	Prof. V.R.Patil	FE Website,PPTs	MCQs,assignment	<a href="https://sites.google.com/aissmscoe.com/sme/home">https://sites.google.com/aissmscoe.com/sme/home</a>
2	Dr. M. K. Nikam	Google Classrooms	Assignments, MCQs, Quiz	<a href="https://classroom.google.com/c/NDg1NDg3MTU3NDA4">https://classroom.google.com/c/NDg1NDg3MTU3NDA4</a> , <a href="https://classroom.google.com/c/NDg1NDkzOTI0MjM5">https://classroom.google.com/c/NDg1NDkzOTI0MjM5</a>
3	Dr. S. K. Upasani	FE Website,Whats App ,Google Quiz	Quiz,Assignment,MC Qs	<a href="https://docs.google.com/forms/d/1dkJy0P0RIXI0hWzESgrwObG_N2Zs9CHXYLvOGN1DvTA/edit?usp=sharing">https://docs.google.com/forms/d/1dkJy0P0RIXI0hWzESgrwObG_N2Zs9CHXYLvOGN1DvTA/edit?usp=sharing</a>
4	Dr. D. V. Nighot	FE Website	MCQ, PPT	<a href="https://sites.google.com/aissmscoe.com/chem/home">https://sites.google.com/aissmscoe.com/chem/home</a>
5	Dr. N. N. Shejwal	Whats App,	Quiz,Assignment,MC Qs on google drive	<a href="https://sites.google.com/aissmscoe.com/">https://sites.google.com/aissmscoe.com/</a>
	Prof. A. Y. Kazi	FE Website,Whats App ,Google Quiz	Quiz,Assignment,MC Qs , Question bank	<a href="https://sites.google.com/aissmscoe.com/bxe/home">https://sites.google.com/aissmscoe.com/bxe/home</a>
6	Prof. S.P. Bhosale	FE Website,Whats App ,Google Quiz	Quiz,Assignment,MC Qs , Question bank	<a href="https://sites.google.com/aissmscoe.com/bxe/home">https://sites.google.com/aissmscoe.com/bxe/home</a>
7	Prof. V.V. Kulkarni	FE Website,Whats App ,Google Quiz	Google Drive, Google Classroom, BEE	<a href="https://sites.google.com/aissmscoe.com/bee/home">https://sites.google.com/aissmscoe.com/bee/home</a>

			Website, You tube Videos	
8	Prof. A. B. Patil	FE Website	Google Drive, Google Classroom, FE Website	<a href="https://sites.google.com/aissmscoe.com/em2/home">https://sites.google.com/aissmscoe.com/em2/home</a>
9	Prof. A. B. Thakare	FE Website	Google Drive, Google Classroom, FE Website	<a href="https://sites.google.com/aissmscoe.com/em2/home">https://sites.google.com/aissmscoe.com/em2/home</a>
10	Dr. S. A. Virkar	FE Website,Whats App	FE website	<a href="https://sites.google.com/aissmscoe.com">https://sites.google.com/aissmscoe.com</a>
11	Prof. Y.B. Karandikar	FE Website,Whats App	FE Website, You tube Videos	<a href="https://sites.google.com/aissmscoe.com">https://sites.google.com/aissmscoe.com</a>
12	Prof. P. G. Kokare	FE Website,Whats App	FE Website	<a href="https://sites.google.com/aissmscoe.com">https://sites.google.com/aissmscoe.com</a>
13	Prof. P.R.Satarkar	Google classroom (EM, AC, PBL)	Lecture Recordings, Assignments, MCQs,youtube links, Quiz	<a href="https://sites.google.com/aissmscoe.com">https://sites.google.com/aissmscoe.com</a>
14	Prof. S. S. Bhuinyan	FE Website, Google drive	EM Website, PBL Google drive	<a href="https://sites.google.com/aissmscoe.com">https://sites.google.com/aissmscoe.com</a>
15	Prof. Y.R. Chandwade	PPT	Animated Presentation,FE website	<a href="https://sites.google.com/aissmscoe.com">https://sites.google.com/aissmscoe.com</a>
16	Prof. M. A. D'Cruz	Google Drive	AC-II Quiz and Logos, EM Student Centric Activities Quiz	<a href="https://drive.google.com/drive/folders/1L-w1OEpqkwz0SZ5IDBZwypZvMANQM_aG?usp=sharing">https://drive.google.com/drive/folders/1L-w1OEpqkwz0SZ5IDBZwypZvMANQM_aG?usp=sharing</a>
17	Prof. S. B. Patil	FE Website,	EM Website	<a href="https://sites.google.com/aissmscoe.com">https://sites.google.com/aissmscoe.com</a>
18	Prof. A.M.Shete	FE Website	EM Website,	<a href="https://sites.google.com/aissmscoe.com">https://sites.google.com/aissmscoe.com</a>
19	Prof. Almas Ambreen	FE Website, Google drive	BEE Website	<a href="https://sites.google.com/aissmscoe.com">https://sites.google.com/aissmscoe.com</a>
20	Prof. B.S. Bobdey	FE Website, Google drive	FE Website	<a href="https://sites.google.com/aissmscoe.com">https://sites.google.com/aissmscoe.com</a>
21	Prof S. T. Gade	FE Website, Google drive	FE Website	<a href="https://sites.google.com/aissmscoe.com">https://sites.google.com/aissmscoe.com</a>
22	Prof. S. S. Patil	FE Website,PPT	Amimated PPT	<a href="https://sites.google.com/aissmscoe.com/eg">https://sites.google.com/aissmscoe.com/eg</a>
23	Prof. S. S. Khasbage	FE Website-EG,PPTS,Whatsapp	You tube videos	<a href="https://sites.google.com/aissmscoe.com">https://sites.google.com/aissmscoe.com</a>



24	Dr. V.S. Kalyani	FE website, you tube video	Chem student centric activity quiz competition	<a href="https://www.youtube.com/watch?v=zH87WVr29h0&amp;t=724s">https://www.youtube.com/watch?v=zH87WVr29h0&amp;t=724s</a>
25	Prof. M. S. Nikam	Google Classroom, Youtube video, FE website	Google Classroom, Youtube video, FE website	<a href="https://sites.google.com/aissmscoe.com/maths2/home">https://sites.google.com/aissmscoe.com/maths2/home</a> , <a href="https://studio.youtube.com/channel/UCut5znM9g2LfV7-8v0XDHA/videos/">https://studio.youtube.com/channel/UCut5znM9g2LfV7-8v0XDHA/videos/</a>
26	Prof. S T Surase	Google Classroom, Youtube video, FE website	Google Drive, Google Classroom, You tube Videos.	<a href="https://youtube.com/channel/UC7F4fmMsTxr0FsEHjSkxTcg">https://youtube.com/channel/UC7F4fmMsTxr0FsEHjSkxTcg</a>
27	Prof. B. A. Patil	FE Website, Google drive	PPS Website, Google drive	<a href="https://sites.google.com/aissmscoe.com/pps">https://sites.google.com/aissmscoe.com/pps</a>
28	Prof. K. B. Kshirsagar	Google Classroom	Google Drive, Google Classroom	<a href="https://sites.google.com/aissmscoe.com">https://sites.google.com/aissmscoe.com</a>
29	Dr. P. D. Baviskar	Question Bank	Question Bank for Engineering Chemistry	<a href="https://drive.google.com/drive/folders/1T36nhD-Ie0TcgG8O1q150K1Hc5U42qfk?usp=sharing">https://drive.google.com/drive/folders/1T36nhD-Ie0TcgG8O1q150K1Hc5U42qfk?usp=sharing</a>
30	Prof A A Gupta	FE Website, Google drive	PPS Website, Google drive	<a href="https://sites.google.com/aissmscoe.com/pps">https://sites.google.com/aissmscoe.com/pps</a>

## 2.4 FDP/STTP ATTENDED BY THE DEPARTMENT FACULTY

TERM ONE				
S. No.	Name of Faculty	Title of the FDP/STTP	Organized by	Duration/ Dates
1	Dr. M. K. Nikam	1. "Applications of Mathematics in Engineering Field"	DYPMER ,Akurdi, Pune – 44	20/10 / 2021 TO 22/10/2021
		2. Orientation Programme for "Faculty In Universities/Colleges/Institutes of Higher Education"	Teaching Learning Centre ,Ramanujan College ,University of Delhi	20 / 12 / 2021 to 19 / 01 / 2022
		3. Symposium on Engineering Mathematics with MATLAB"	IUCEE Foundation, RV College of Engineering	06/09/2021 to 08/09/2021

2	Dr. S. K. Upasani	1..Nurturing todays learners to become tomorrows leaders to face global challengers	ATAL FDP	13/09/21 to 17/09/21
		2.Inculcating Universal Human Values in Technical education(e SIP )	AICTE	18/10/2021 to 22/10/2021
		3.PHOTONICS	ATAL FDP	1/2/2021 to 5/2/2021
		4.Inaugural ceremony of AISSMSCOE Solar Energy Society Of India (SESI)	AISSMSCOE solar energy societ student chapter	26 August 2021
		5.Outcome based pedagogy for effective teaching and learning in Engineering Physics	One wk online FDP SKN Sinhgad college of EngineeringPandharpu r	14/6/2021 to 18/6/2021
		6. Innovative and Inventive Problem solving	One week STTP under AICTE QIP by Production Dept.AISSMSCOE PUNE	13/07/2021 to 18/7/2021
3	Dr. N. N. Shejwal	1.FDP on “Emerging Trends in Science & Technology”, AND “Modern Trends in Engineering Technology”	Easwari Engineering College(Autonomous), Ramapuram AND Department of Mechanical Engineering, HKBK College of Engineering, Nagawara, Banglore	
4	Prof. A. Y. Kazi	1.“Software Based Case Studies for Development of Multidisciplinary Projects”	Computer Dept. AISSMS COE, Pune,	22-11-2021 to 26-11-2021
5	Prof. S.P. Bhosale	1.One week fdp on ““Significance of Biomedical Engineering in Covid-19”	AICTE Training and Learning	20/9/2021 to to 24/9/2021
		2.One week fdp on “Augment Reality & Virtual Reality”	AISSMS COE, Pune, IETE	21/6/2021 to 25/6/2021 25/6 / 2021
		3.One week online STTP on“Innovative &	AISSMS COE, Pune under AQIS	29th June to 04th July 2021.

		Inventive Problem Solving”	Improvement Scheme (AQIS	
6	Prof. V.V. Kulkarni	1.AICTE sponsored online Short Term Training Program on “Electric Vehicle Techniques with OPAL-RT Solutions” Vehicle Techniques with OPAL-RT Solutions”		December 20-25, 2021
7	Prof. A. B. Patil	1.Four week online Orientation/Induction Programme for “Faculty in Universities/Colleges/Institutes of Higher Education”	Teaching Learning Centre, Ramanujan College, University of Delhi, in collaboration with Shaheed Sukhdev College of Business Studies (SSCBS) under the aegis of MEPMMMNTT	19/10/2021 to 18/11/2021 (4 weeks)
		2.Two week online “Refresher Course in Mathematics”	(ATAL) Academy	31/08/2021 to 14/09/2021 (2 weeks)
		3.Two week online “Refresher Course in Applicable Mathematics”	Teaching Learning Centre, Ramanujan College, University of Delhi, in collaboration with Deshbandhu College, under the aegis of MEPMMMNTT	15/12/2021 to 29/12/2021 (2 weeks)
		4.One week online FDP on “Academic Research Writing”	Teaching Learning Centre, Ramanujan College, University of Delhi, in collaboration with IQAC, Shaheed Bhagat Singh College, under the aegis of MEPMMMNTT	31/12/2021 to 06/01/2022 (1 week)
		5.One week online FDP on “Open Source Tools for Research”	Teaching Learning Centre, Ramanujan College, University of Delhi, under the aegis of MEPMMMNTT	07/02/2022 to 13/02/2022 (1 week)
8	Prof. A. B. Thakare	1.Orientation Program Successfully completed a 4-	The Department of Mathematics, Ramanujan College, Delhi	19 November - 18 December, 2021

		Week Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education”		
		2.Participated in Three Days State Level Online Faculty Development Program on “Health and Happiness”	Department of Engineering Science, K J College of Engineering and Management Research, Pune-48.	11th to 13th November 2021
		3.Participated and successfully completed the 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education”	All India Council for Technical Education (AICTE)	18th October, 2021 to 22nd October, 2021.
		4.Participated in Three Days online FDP on “Symposium on Engineering Mathematics with MATLAB”	IUCEE Foundation, RV College of Engineering and MathWorks India Private Limited	6th to 8th September 2021.
		5.Refresher Course in Mathematics Successfully completed Two-Week “REFRESHER COURSE IN MATHEMATICS” and obtained Grade A.	The Department of Mathematics, Ramanujan College, Delhi	31 August 2021 to 14 September 2021
		6.Completed One week NPTEL FDP course on “Introduction to Abstract and Linear Algebra”.	NPTEL	August 2021 to October 2021
9	Dr. S. A. Virkar	1.Impact Lecture Series sponsored by	One day seminars	4th & 14 th October 2021

		MoE Innovation Cell & AICTE		
		2.Virtual Lab training	One day Workshop	7th May 2021
		3.ATAL FDP (Market Strategy)	FDP	15 Nov to 19 Nov 2021
10	Prof. Y.B. Karandikar	1. "Amazon Web Services"	Computer Dept. AISSMS COE, Pune,	22-08-2021 to 27-08-2021
		2.Research Study on "Academic Leadership Roles"	NITTR Bhopal	July-November 2021
11	Prof. P.R.Satarkar	1.FDP on "Recent Developments in construction Technology Addressing Infrastructure and Coastal Engineering"	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune. In association AICTE Training And Learning (ATAL) Academy	09/08/2021 to 13/08/2021
		2.one dayNational workshopOn concrete mix Design CMD "Explore Modern Techniques of Concrete Mix Design"	K. D. K. College of Engineering, Nagpur Great Nag Road, Nandanvan, Nagpur, Maharashtra (India)	4th June, 2021
		3.Two Days Workshop on "Innovative Trends in Water Resources & Hydraulic Engineering"	Department of Civil Engineering, RMD SINHGAD SCHOOL OF ENGINEERING (RMDSSOE), PUNE in association with Indian Water Works Association Pune Centre (IWWA).	09th August & 10th August 2021
		4.trainingOn "Beyond BIM- a peak in the future of construction management"	Organized by AISSMS COE pune	22nd June 2021

		5.one week STTP on “Recent trends in civil engineering”	Organized by Rajgad dnyanpeeth chatrapti Shivajiraje COE, dhangwadi, pune	25th to 29th October 2021
12	Prof. S. S. Bhuinyan	1.ATAL FDP on “New and Emerging technologies”	organized by Ark infosolutions Pvt Ltd	From 28 <sup>th</sup> June 2021 to 2nd July 2021
		2.ATAL FDP sessions on “ADVANCED CIVIL ENGINEERING SOFTWARE USAGE IN INFRASTRUCTURE DEVELOPMENT”	organised by G. PULLA REDDY ENGINEERING COLLEGE(AUTONOMOUS):	From 5th july to 9th July 2021
		3.ATAL FDP on “Recent Developments in Construction Technology addressing Infrastructure and Coastal Engineering” .	organized by Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	from August 09 - 13, 2021.
		4.ICT Mode STTP on “Earthquake Resistant Design of RC Buildings as per latest Indian Standards with an Introduction to Shake Table (ICT203)”	organised by NITTTR ,Kolkata.	from 15/11/2021 to 19/11/2021
		5.STTP on “Laboratory Practice on Civil Engineering Materials – Concrete (ICT232)”	organised by NITTTR ,Kolkata.	13/12/2021 to 17/12/2021
		6.AICTE QIP Sponsored Online STC on 'Energy Efficient and Innovative Building	Organized by NITTTR chandigarh.	from August 23-28, 2021

		Construction Practices"		
		7.one week FDP on "Modern Tool Usage in Multi Discipline of Civil Engineering"	organized by Department of Civil Engineering IPEC.	from 6/9/2021 to 10/9/2021.
13	Prof. Y.R. Chandwade	1.Successfully participated & completed ATAL FDP on "Introduction to Discrete-event modelling and simulation"	ATAL Academy & VNIT	26-7-2021 to 30-7-2021
14	Prof. M. A. D'Cruz	1.Design, Technology and Innovation	NPTEL, IITB	8 weeks
		2."Design of experiments and Artificial neural network"	ATAL, AICTE: Faculty of Engineering & Technology, M.J.P. Rohilkhand university	16/08/2021 to 20/08/2021
		3."Design Thinking and Product Development"	ATAL, AICTE: National Institute of Technology Arunachal Pradesh	23/08/2021 to 27/08/2021
		4.STTP on Innovative and Inventive Problem Solving (IIPS-2021)	AICTE Sponsored organized by Department of Production Engineering AISSMS COE	29th June to 4th July 2021
15	Prof. Almas Ambreen	1. Completed NPTEL course on Control and Tuning Methods in Switched Mode Power Converters	SWAYAM	12 Week
		2.Attended the One Week Faculty Development Program on Augmented reality and virtual reality	AISSMS COE Pune	21-25 june 2021
16	Prof S. T. Gade	1.Attended the One Week Faculty Development Program on	PVG's COET & GKPIIM,Pune	21-25 june 2021

		"Interactive Teaching Learning Strategies With Affective & Cognitive Approach (ITLS)"		
		2. Attended the One Week Faculty Development Program on "JOURNEY TO RESEARCH AND BEYOND"	DY Patil School of Engineering , Lohegaon , Pune	13-17 sept 2021
		3. Attended the One Week Faculty Development Program	MMIT Lohgaon, Pune	20-24 Dec 2021
17	Prof. S. S. Patil	1. Attended one week FDP on "Research Opportunities in Advanced Manufacturing Processes." 22-28 June 2021 (1 week) BVCOE Pune 10 7 Opportunities in Advanced Manufacturing Proces	BVCOE Pune	22-28 June 2021
		2. STTP on Data Analysis using Python	Institute of Engineering & Science	15th-20th June, 2021
		3. STTP on "Advances in Additive Manufacturing	Yeshwantrao Chavan College of Engineering, Nagpur	21st to 26th of September, 2021
		4. Attended AICTE ATAL FDP on "Learning Management System"	NITTR Chennai	21-25 Sept 2021
18	Prof. S. S. Khasbage	1. One Month Python for Data Science Hands on Workshop	Dextures Club, AISSMS COE	11 sept 2021 to 04 Oct 2021 (One Month)
		2. FDP Exploring the research in Mechanical Engineering	DYPIT	23-02-2022 to 27-02-2022 (One Week)



19	Dr. V.S. Kalyani	1.NPTEL Online course:Biomedical Nanotechnology	Swayam	4 week
		2. ATAL FDP on " Novel nano structured Mg based alloy for industrial and biomedical applications" from 30 Aug -3 rd Sept 21	ATAL FDP	1 week(30 Aug -3 rd Sept 21)
		3.FDP on Clean and green campus on 10,17,24 June 20 organized by AICTE.	AICTE	10,17,24 June 21
20	Prof. M. S. Nikam	1.One week FDP on "Amazon Web Services"	Computer Dept. AISSMS COE, Pune,	22-08-2021 to 27-08-2021
21	Prof. S T Surase	1) One week FDP Research Tools for Data Science	MMIT,Pune	26-31 July-2021
		2)One week FDP Applications Of Mathematics in Engineering Field.	Dr.D.Y Patil School Of Engineering	20-25 oct-2021
		3)Workshop on IPR & Patent	AISSMSCOE,	25-09-2021
		4)National Conference on RecentTrends in Mathematics.	Shri Pancham Khemraj College Sawantwadi.	28-08-2021
22	Prof. B. A. Patil	1.ATAL FDP on "Design Thinking : Aspirations for Innovations"	AICTE ATAL and AISSMSCOE	29/11/2021 to /03/12/2021
		2.Inculcating Universal Human Values in Technical education	AICTE	18/10/2021 to 22/10/2021
		3.Completed NPTEL Course as FDP on "Big Data Computing"	NPTEL Swayam	8weeks August to October 2021
		4.ATAL FDP on "Leading Self to Excellence"	AICTE ATAL and IIIT Delhi	15/10/2021 to 18/10/2021

23	Prof. K. B. Kshirsagar	1) “Applications of Mathematical modeling in science & Engineering”	KJ’s Educational Institute	26-09-2022 to 30-09-2022
		2)One week FDP Applications Of Mathematics in Engineering Field.	Dr.D.Y Patil School Of Engineering	20-25 Oct-2021
24	Prof. S.B.Patil	1.“Current Scenarios of India” under symbol of Knowledge”	AISSMS COE, MOE’s Innovation cell & AICTE	11-06-2021
25	Prof. P. D. Baviskar	1.One WeekFDP on Modern Trends in Energy System	Organised by Department of Electrical Engineering in association with IETE, IEI, IEEE.	one week
26	Prof. A.M.Shete	1.“Current Scenarios of India” under symbol of Knowledge”	AISSMS COE, MOE’s Innovation cell & AICTE	11-06-2021

#### TERM TWO

S. No.	Name of Faculty	Title of the FDP/STTP	Organized by	Duration/ Dates
1	Dr. S. K. Upasani	1. IP awareness programme on " National Awareness Mission	IIC ,AISSMSCOE	9 March 2022
		2.Innovation in technology adoption and development of High precision slipping -case study	Dept.of Production Engineering AISSMSCOE and Triz of Asia	18/7/2021
		3.Inaugural ceremony of AISSMSCOE Solar Energy Society Of India (SESI)	AISSMSCOE solar energy societ student chapter	26 August 2021
		4.NPTEL course innovation by design	Swayam-Nptel	4 Week
2	Dr. N. N. Shejwal	1. Two-week refresher course / faculty development program on Outcome Based Education and	TLC, Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi	14 July to 3rd August 2021

		Technology in Higher Education and obtained A+ grade		
		2. Two-week refresher course / faculty development program on Managing Online Classes and cocreating MOOCS 8.0	TLC, Ramanujan College, University of Delhi,	04-18 September 2021
		3. Two-week refresher course / faculty development program in PHYSICS from and obtained A+ grade	TLC, Ramanujan College, University of Delhi	27 October-10 November 2021
3	Prof. A. Y. Kazi	1. One week fdp on "Project Based Learning"	AISSMS COE, Pune in association with BoS(E&Tc) SPPU & ISTE New Delhi	21-25 Feb 2022
4	Prof. S.P. Bhosale	1. One week fdp on "Project Based Learning"	AISSMS COE, Pune in association with BoS(E&Tc) SPPU & ISTE New Delhi	21-25 Feb 2022
5	Prof. V.V. Kulkarni	1. One week fdp on "Project Based Learning"	E&TC dept, AISSMS COE, Pune	21/02/2022 to 26/02/2022
6	Dr. S. A. Virkar	1. One week online FDP	Sinhagad Institute of Technology	18th April to 22nd April 2022
7	Prof. S. S. Bhuinyan	1. Attending Two week Refreshers course on "Advanced pedagogy"	organized by the Department of Mechanical Engineering, Government Engineering College, Haveri and NITTTR Kolkata	from 24/01/22 to 4/02/2022.
		2. Attending Two Week STTP on "Introduction To FEM In Engineering",	Organised By NITTTR, Kolkata	from 4/02/22 to 18/02/22.
8	Prof. Y.R. Chandwade	1. Training on FlexSim software (Online)	Commercial Consultancy Services & University of Peradeniya, Sri Lanka	24, 25 Feb 2022 & 4,10,11,17,24,31 March 2022

9	Prof. Almas Ambreen	1. Attended 1 week FDP Program on modern trends in energy system organized by department of electrical engineering in association with IETE, IEI, IEEE.	AISSMS COE Pune	7th to 11th Feb 2022
10	Prof S. T. Gade	1. Attended 1 week FDP on "DESIGN OF EXPERIMENT"	Dr. Vithalrao Vikhe Patil College of Engineering Ahmednagar	06-10 June 2022
		2. Attended 1 week FDP on "Research Opportunities and Challenges in Manufacturing Sector"	SVRI's College of Engineering, Pandharpur	01-05 June 2022
		3. Attended 3 Day FDP on "Advances in Mechanical Engineering"	Baburao Ganpatrao Thakare College of Engineering, Nashik	20-25 May 2022
11	Prof. S. S. Patil	1. STTP/Refresher Program on "Project Based Learning (PBL)"	AISSMS COE	21 Feb 2022 to 26 Feb 2022)
		2. No Data ATAL Online FDP on "Learning Management System"	NITTR	2022-5-16 to 2022-5-21)
		3. One Week Faculty Development Programme on 'Research Opportunities in Advanced Manufacturing Processes'	BV(DU) COE Pune	20th June, 2022 to 27th June, 2022
		4. FDP on Linear & Nonlinear Analysis using ANSYS	Dr. VVPCOE Ahmednagar	(5-6 May 2022)
12	Prof. S. S. Khasbage	1. Attended 1 week FDP on "DESIGN OF EXPERIMENT"	Dr. Vithalrao Vikhe Patil College of Engineering Ahmednagar	06-10 June 2022

		2. Attended 1 week FDP on "Research Opportunities and Challenges in Manufacturing Sector"	SVERI's College of Engineering, Pandharpur	01-05 June 2022
		3. Attended 3 Day FDP on "Advances in Mechanical Engineering"	Baburao Ganpatrao Thakare College of Engineering, Nashik	20-25 May 2022
13	Dr. V.S. Kalyani	1. One Day FDP on "Mental Health and Happiness" organized by the Department of Engineering Sciences at Dr. D.Y. Patil School of Engineering and Technology on 8th April 2022.	i) Dr. D.Y. Patil School of Engineering and Technology	i) 8 April 2022
		2. IP awareness Training /Program under National intellectual property awareness mission on 9 March 22	ii) Intellectual property office, India	ii) 9 March 2022
		3. Mentor for IUCEE for FY "Clean and green campus" Oct 21 to May 22.	iii) IUCEE	iii) 21 Oct- May 22
14	Prof. B. A. Patil	1. One week FDP on "Data Science" organized by PCCOER	PCCOER, Pune	19th to 24th April 2022
15	Prof. S A Takalkar	1. Attended 1 week FDP Program on modern trends in energy system organized by department of electrical engineering in association with IETE, IEI, IEEE.	AISSMS COE Pune	7th to 11th Feb 2022

16	Prof. Bhagyashree Bobdey	1."Green Technology & Sustainability Engineering"	ATAL	11-01-2021 to 15-01-2021
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**2.5 SEMINARS/ WORKSHOPS/ WEBINARS ATTENDED BY THE DEPARTMENT FACULTY**

TERM ONE				
S. No.	Name of Faculty	Title of the Seminar/Webinar	Organized by	Duration/ Dates
1	Prof. V.R.Patil	Attended webinar "Symbol of Knowledge"	AISSMS COE Pune	1 Day
		Attended webinar on "Yoga for well being"	AISSMS COE Pune	1 Day
2	Dr. S. K. Upasani	1.Attended webinar on symbol of knowledge	AISSMS COE Pune	1 Day
		2.Participated in Session 4 of Impact Lecture Series 2021 on "Role of IPR In Start-up" on 14th October 2021.	AISSMS COE Pune	1 Day
		3.Participated in the webinar "Intellectual Property Rights" organised by Library and department of Civil Engineering in association with institutions of innovation Council (IIC)	AISSMS COE Pune	1 Day
3	Dr. N. N. Shejwal	excellence of women in the field of science and technology		10 days 13-23/09/2021
		soild waste management and environment	nss cell , sndt university	1 day
		nanomaterials for energy generation and storage	miraj mahavidyalya miraj	

4	Prof. A. Y. Kazi	Attended webinar on “Yoga for well being”	AISSMS-COE Pune	1 day(21-06-21)
5	Prof. S.P. Bhosale	Attended webinar on “Yoga for well being”	AISSMS-COE Pune	1 day(21-06-21)
		Attended webinar on symbol of knowledge	AISSMS COE Pune	1 Day(11 June `21)
		Attended inuagural function of AISSMS COE ISTE student chapter	AISSMS COE Pune	1 Day
6	Prof. V.V. Kulkarni	Participated in the webinar “Intellectual Property Rights” organised by Library and department of Civil Engineering in association with institutions of innovation Council (IIC)	AISSMS COE Pune	1 day
7	Prof. A. B. Thakare	Completed Online Certificate Course Cum Workshop of 32 hours on “Technical Writing With LaTeX” and awarded with “A” Grade.	Sanatan Dharma College, Ambala Cantt	1st Feb 2022 to 10th Feb 2022
8	Dr. S. A. Virkar	Impact Lecture Series	AISSMS CoE	4th & 14 th October 2021
9	Prof. Y.B. Karandikar	Webinar on "OBE - In pursuit of Academic Excellence II"	Karpagam Academy of Higher Education	June-2021
10	Prof. P.R.Satarkar	one dayNational workshopOn concrete mix Design CMD “Explore Modern Techniques of Concrete Mix Design”	K. D. K. College of Engineering, Nagpur Great Nag Road, Nandanvan, Nagpur, Maharashtra (India)	4th June, 2021
		Two Days Workshop on “Innovative	Department of Civil Engineering, RMD SINHGAD SCHOOL	09th August & 10th August 2021

		Trends in Water Resources & Hydraulic Engineering”	OF ENGINEERING (RMDSSOE), PUNE in association with Indian Water Works Association Pune Centre (IWWA).	
		training On “Beyond BIM- a peak in the future of construction management”	Organized by AISSMS COE pune	22nd June 2021
11	Prof. S. S. Bhuinyan	Webinar on “Construction and Maintenance of Sustainable Rural Roads” .	organised by NITTTR, Kolkata	on 31.07.21
		Attended “Panel Discussion on QA-QC Systems in Precast Construction”	organised by UltraTech Cement Ltd. & Indian Concrete Institute- Ghaziabad Centre	on 27/11/2021.
		Attended Virtual session "Introduction to Advance Concrete Design in STAAD Pro CE"	organised by Institutes of Engineers - Belapur	on 11/06/2021.
		Attended Webinar on "ENTREPRENEURSHIP AND ATMANIRBHAR BHARAT FOR STARTUP INDIA"	Organized by Department of Electronics and Telecommunication Engineering, AISSMS COE, Pune, in collaboration with Institution of Engineers (India), Kolkata .	on 7th July 2021
		Attended online expert lecture on “Career Opportunities for Engineering Students” by Prof. Touheed Mujawar	organized by Dept. of Civil Engg. in association with AISSMS I-CONNECT	on 06-07-2021.
		Attended online expert lecture on “Precast Construction” by Col. S. M. Adsar	organized by Dept. of Civil Engg. in association with AISSMS I-CONNECT	on 07-07-2021.



	Attended Expert Session on “Enhancement of Energy Dissipation using Combination of Solid Roller Bucket & Type II Stilling Basin for Ogee Stepped Spillway”	organised by Indian Water Works Association, Pune Centre in association with AISSMS College of Engineering, Pune	on 25/07/2021.
	Attended "Expert Session on Ecosystem Restoration"	Organised by Indian Water Works Association, Pune in Association with Maharashtra Jeevan Pradhikaran, Water Resource Department (Govt. of Maharashtra), Marathi Vidnyan Parishad Pune, Sinhgad College of Engineering, AISSMS College of Engineering, Bharati Vidyapeeth Deemed University, College of Engineering, Pune.	on 5th June 2021
	participated in One Day National Workshop on "Concrete Mix Design-CMD".	K. D. K. College of Engineering, Nagpur	On 4th June 2021
	Attended National level workshop on "Geotechnical case studies of Infrastructure Projects"	Organised by AISSMS College Of Engineering Pune, Department of Civil Engineering In Association with Indian Geotechnical Society (Pune Chapter).	on 12/06/2021.
	successfully completed two days of online Faculty Development Program (FDP) on “Recent Trends in Highway Engineering (RTHE- 2021)”	organized by the Civil Engineering Department.	During 18th June to 19th June 2021

	Attended webinar on "OBE-In Pursuit of Academic Excellence-II"	Conducted by Center for Production and Service Facility in association with Department of Electrical and Electronics Engineering, Faculty of Engineering, Karpagam Academy of Higher Education, Coimbatore	on 24th June 2021.
	Participated in the webinar "Intellectual Property Rights"	organised by Library and department of Civil Engineering in association with institutions of innovation Council (IIC) of AISSMS, COE, PUNE	On 19/06/2021.
	Attended Webinar on "Opportunities in Construction, Real Estate and Infrastructure Sector after Graduation"	Organised by NICMAR in association with AISSMS COE ,Pune	on 12/11/2021.
	Attended seminar on "Seminar on Disaster Management in Drinking Water Supply"	organised by Bureau of Indian Standards, Ministry of Consumer Affairs, Food & Public Distribution, Government of India	on 16/11/2021.
	Attended the Webinar on "State of Art - Precast Technology"	organized by the Department of Civil Engineering and FORCE - Forum of Civil Engineering, Presidency University, Bangalore	on 13 November 2021.
	Attended offline mode *INDIANEXT* Webinar Series 1: "Build With Speed" Topic - "RMC TO RMB"- Ready Mixed Concrete to Ready Manufactured	organised by UltraTech Cement Ltd.	on 18th November, 2021

	Buildings, Keynote Speaker - Mr. S J Vijay "Chairman - Hommission India Pvt. Ltd. & Salmon Leap, India" on 18th November, 2021 (Thursday) at The Central Park Hotel Bund Garden Road, Near Inox Multiplex, Pune.		
	Has participated in ET Infra Water Conclave- Driving towards a Sustainable Water Economy,	organised by the Ministry of Jal Shakti	on 17/11/2021 and 18/11/2021.
	Participated in 1 day workshop on IPR and Patent	organized by AISSMSCOE Pune	on 25th september 2021.
	Participated in Panel Discussion on : " Versatile Applications of Precast Technology "	Organised by ICI, Pune Centre.	on 25th September 2021
	Attended International Level Webinar on "Smart, Clean, and Green Electrical Energy for the Sustainable Future" on the occasion of IEEE Day 2021 celebration,	organised by IEEE AISSMSCOE.	on 5th October 2021
	Attended lecture on "Sustainable and Affordable Technologies for Acceptable Habitat in Karnataka".	organized by FORCE - Forum of Civil Engineering and Department of Civil Engineering Presidency University, Bangalore	on 13/10/2021.
	Participated in Session 3 of Impact Lecture Series 2021 on "IPR with reference patent	organised by Institution's Innovation Council AISSMS COE & Sponsored by MoE's	on 14/10/2021.

	drafting and filing in Indian context”	Innovation Cell & AICTE	
	Attended Webinar by Dr. Hazi Mohammad Azamathulla on "Application of Artificial Neural Network in the field of Hydraulics and Environmental Engineering"	organized by Department of Civil Engineering, AISSMS College Of Engineering, Pune	on October 19, 2021.
	Attended the webinar entitled “Canal Automation” delivered by Dr. M. Selva Balan, Scientist E (Joint Director) & Head of Hydraulic Instrumentation division, CWPRS, Pune	Organised by MIT COLLEGE OF RAILWAY ENGINEERING & RESEARCH, BARSHI-413401.	on 25th October 2021
	Has successfully participated in a one day virtual workshop on "Crumb Rubber Concrete-a New Building Material"	Organised by Skyy Rider Institute, Odisha.	conducted on 31st Aug 2021
	has participated in the International Workshop on “Recent Innovation in Steel Structures”	organized by Department of Civil Engineering, Easwari Engineering College	on 30th August 2021.
	Attended Webinar on Evolution of Concrete Design Philosophy	Organized by NITTTR Kolkata	on Aug 28 2021
	Attended Webinar on "AICTE Margdarshan Scheme for NBA", by eminent speaker Lt. Col. Kailash Bansal (Director,	organized by the Training and Placement Cell & ISTE Students' Chapter of Dr. S. & S. S. Ghandhy Government Engineering College,	on 07 September 2021

	AICTE, New Delhi) jointly	Surat & Government Engineering College, Surat.	
	has participated in the event “Bharat Ratna Sir M. Visvesvaraya Annual Oration” on the topic “ Case study of tunnel Excavation in extremely weak rock mass condition”	organised by IGS (Pune Chapter ) in association with AISSMS College of Engg ,Pune	on 5th Sept 2021.
	Attending IIRS Outreach programme on “ Fundamentals of Remote Sensing and GIS Technology “	organised by IIRS- ISRO, Dehradun, India .	from 14/09/201 to 28/09/2021
	Attended an Expert talk on *Engineering for Healthy Planet*	Organized by Indian Water Works Association (IWWA), Pune* Centre in association with *AISSMS COE, Department of Civil Engineering*	On 15/09/2022
	Attended the Webinar on "Digital Transformation in Structural Analysis"	organized by the Department of Civil Engineering and FORCE - Forum of Civil Engineering, Presidency University, Bangalore in association with Medini.	on 11 September 2021
	Attended Web seminar: Realize your sustainability vision with GIS	Organised by Esri India Technologies Pvt Ltd.	on 16/9/2021
	Attended Web seminar: Closing Research- Entrepreneurship Gaps	Organised By Indian National academy of Engineering	on 15/09/2021

		Attended international workshop on waste water infrastructure design	organised by SRM Easwari Engineering College, Chennai.	on 13/09/2021
		Attending IIRS Outreach programme on “ Fundamentals of Remote Sensing and GIS Technology “	organised by IIRS- ISRO, Dehradun, India	from 14/09/201 to 28/09/2021.
		Attended event “Nano technology & The Future of Thermal Insulation”	ICE (UK) SSN Student Chapter Department of Civil Engineering SSN College of Engineering, Kalavakkam Chennai	on 24/09/2021.
12	Prof. Y.R. Chandwade	Attended webinar on “Developing a Culture of Innovation”.	AISSMSCOE TRIZ Chapter	15-09-2021
		Attended webinar on “Automotive Sensor System” .	Prod Dept AISSMS COE Pune.	4/10/2021
		Participated in session 3 of Impact Lecture Series 2021 on "IPR with reference patent drafting and filling in Indian context"	AISSMS COE, MOE's Innovation cell & AICTE	14-10-2021
		Attended webinar on "Current Scenarios of India" under symbol of Knowledge.	AISSMS COE, MOE's Innovation cell & AICTE	1 Day
13	Prof. M. A. D’Cruz	trainingOn “Beyond BIM- a peak in the futureof construction management”	Organized by AISSMS COE pune	22nd june 2021
		Participated in Teaching-Learning-Evaluation Hackathon	Symbiosis International Deemed University	19th to 25th November 2021
		Participated in 1 day workshop on IPR and Patent	AISSMS COE	25th September 2021

	Attended Expert Lecture on “Financial Literacy”	AISSMS COE, <b>ISTE Students’ Chapter</b>	17th July 2021
	Attended Impact lecture series on 4th October 2021	AISSMS COE	4th October 2021
	Successfully completed assessment of English Proficiency Quiz	Inspire Softech Solutions, Chennai	25.06.2021
	Participated in the webinar “Symbol of Knowledge”	NSS and Unnat Bharat Abhiyan AISSMS College of Engineering, Pune	11th June 2021
	“Beyond BIM: A peek in the future of Construction Management”	Department of First year Engineering and Civil Engineering in Association with Green Ecomes Solution Pvt Ltd.	22 /06/2021
	Role of Professional Students’ Chapter in Enhancing Engineering Students Career Growth and Increasing Opportunity	AISSMS COE’s ISTE Students’ Chapter	26th June 2021
	“Innovative way for Successful Entrepreneurship”	Department of Production Engineering and Institution’s Innovation Council, AISSMS COE, Pune in association with Global Entrepreneurship Alliance, France	07 July 2021
	The Role of Budding Engineers in Smart, Sustainable and Renewable Technologies	AISSMS COE & IEI	9 & 10 Dec 2021
	Kalam Program for IP Literacy and Awareness	AISSMS COE COMPUTER DEPT.	

14	Prof. S. B. Patil	1. Attended webinar on symbol of knowledge	AISSMS COE Pune	1 Day
		2. Attended inuagural function of AISSMSCOE ISTE student chapter	AISSMS COE Pune	1 Day
15	Prof. A.M.Shete	1. Attended webinar on symbol of knowledge	AISSMS COE Pune	1 Day
		2. Attended inuagural function of AISSMSCOE ISTE student chapter	AISSMS COE Pune	1 Day
16	Prof. Almas Ambreen	1. Attended webinar on symbol of knowledge	AISSMS COE Pune	1 Day
		2. Attended webinar on Beyond BIM: A peek in the future of construction management	AISSMS COE Pune	1 Day
		3. Attended webinar on OBE-in pursuit of academic excellence-II	AISSMS COE Pune	1 Day
		4. Attended inuagural function of AISSMSCOE ISTE student chapter	AISSMS COE Pune	1 Day
		5. Attended Webinar on “Keys to Manage Time & Stress” on 24/08/2021.	AISSMS COE Pune	1 Day
		6. Participated in Session 2 of Impact Lecture Series 2021 on “DEVELOPING ENTREPRENEURSHIP PERSONALITIES” on 4 th October 2021.	AISSMS COE Pune	1 Day
		7. Participated in Session 3 of Impact Lecture Series 2021 on “IPR with	AISSMS COE Pune	1 Day



		reference patent drafting and filing in Indian context” on 14th October 2021.		
		8.Participated in Session 4 of Impact Lecture Series 2021 on “Role of IPR In Start-up” on 14th October 2021.	AISSMS COE Pune	1 Day
17	Prof. S. S. Patil	Attended webinar "Symbol of Knowledge"	organised NSS amd Unnat Abhiyan, AISSMSCOE,Pune	11 June `21
		Attended Webinar on the occasion of "Shivswarajya Din"	NSS and Dept. of First Year Engg.,AISSMSCOE,Pune	06 June 2021.
		Attended webinar on AISSMS I-Connect	AISSMS COE Pune	26 June 2021
		Attended Expert Lecture on “Career Opportunities for Engineering Students.”	AISSMS College of Engineering, Pune-01, Department of Civil in association with AISSMS I-CONNECT	6 July 2021
		Attended Webinar on AICTE - Envisioning the reforms in Higher Education in the context of National Education Policy 2020	AICTE	8 July 2021
		Participated in the webinar “Intellectual Property Rights” organised by Library and department of Civil Engineering in association with institutions of innovation Council (IIC)	IIC, AISSMS COE Pune	19/06/21
		Attended webinar on “Yoga for well being” on 21-06-21	AISSMS COE Pune	21/06/21

		organized by AISSMS-COE Pune		
		Participated in 1 day workshop on IPR and Patent	AISSMS COE	25th September 2021
18	Prof. S. S. Khasbage	Attended webinar "Symbol of Knowledge" organised NSS and Unnat Abhiyan, AISSMSCOE,Pune on 11/06/2021.	AISSMS COE Pune	
		Attended Webinar on AICTE - Envisioning the reforms in Higher Education in the context of National Education Policy 2020	AICTE	
		Participated in the webinar "Intellectual Property Rights" organised by Library and department of Civil Engineering in association with institutions of innovation Council (IIC)	IIC, AISSMS COE Pune	
		Attended webinar on "Yoga for well being" on 21-06-21 organized by AISSMS-COE Pune	AISSMS COE Pune	
		Participated in 1 day workshop on IPR and Patent	AISSMS COE	
		Attended webinar on OBE-in pursuit of academic excellence-II	AISSMS COE Pune	
		Participated in Teaching-Learning- Evaluation Hackathon	Symbiosis International Deemed University	
19	Dr. V.S. Kalyani	1.Attended webinar "Symbol of	AISSMS COE Pune	11/06/21

	Knowledge" organised NSS and Unnat Abhiyan, AISSMSCOE, Pune on 11/06/2021.		
	2. Attended webinar "Rediscover yourself" organised by Library AISSMSCOE on Monday 18th Oct. 2021	AISSMS COE Pune	18/10/21
	3. Attended webinar on "Discover yourself" on 7 December 21 organized by Cadigo Madrid club and computer department of AISSMS COE Pune.	Comp department, AISSMS COE, Pune	07/12/21
	4. Attended inauguration function of Innovation ambassador training program 2021 on 30 June organized by ministry of education innovation cell and AICTE.	AICTE	30/06/21
	5. Attended webinar on "Strategic approach for research and innovation" organized by Faculty development cell AICTE on 26 Aug 21.	Faculty development cell, AICTE	26/08/21
	6. Attended webinar on Role of IPR in Startups organized by Department of Electrical Engineering in association with	AISSMS COE Pune	30/06/21

		Institutions Innovation Cell and Entrepreneurship and skill Development Cell on 30/6/2021		
		7.Participated in the webinar "Intellectual Property Rights" organised by Library and department of Civil Engineering in association with institutions of innovation Council (IIC)	IIC, AISSMS COE Pune	19/06/21
		8.Attended webinar on "Yoga for well being" on 21-06-21 organized by AISSMS-COE Pune	AISSMS COE Pune	21/06/21
		9.Attending talk on stress management on 10 June 21 organized by Faculty development cell AICTE Dheli.	AICTE	1 day
20	Prof. M. S. Nikam	1.Attended an Expert Session on "Ecosystem Restoration" for the celebration of 'World Environment Day'	Indian Water Works Association,Pune in association with Maharashtra Jeevan Pradhikaran, Water Resource Department (Govt. of Maharashtra), Marathi Vidnyan Parishad Pune, Sinhagad College of Engineering, AISSMS College of Engineering, Bharti Vidyapeeth Deemed University, College of Engineering, Pune	05 June '20
		Attended Webinar on the occasion of "Shivswarajya Din"	NSS and Dept. of First Year	06 June 2021.

			Engg.,AISSMSCOE,P une	
		Attended webinar "Symbol of Knowledge"	organised NSS amd Unnat Abhiyan, AISSMSCOE,Pune	11 June `21
		Attended Webinar on "AICTE Quality Initiatives"	Faculty Development Cell,AICTE	18 June 2021.
		Attended webinar on AISSMS I- Connect	AISSMS COE Pune	26 June 2021
		Attended Expert Lecture on "Career Opportunities for Engineering Students."	AISSMS College of Engineering, Pune-01, Department of Civil in association with AISSMS I-CONNECT	6 July 2021
		Attended Webinar on AICTE - Envisioning the reforms in Higher Education in the context of National Education Policy 2020	AICTE	8 July 2021
		Attended Session 2 of Impact Lecture Series 2021 on "DEVELOPING ENTREPRENEUR SHIP PERSONALITIES"	Institution's Innovation Council AISSMS COE & Sponsored by MoE's Innovation Cell & AICTE	4 October 2021
		Attended Session 3 of Impact Lecture Series 2021 on "IPR with reference patent drafting and filing in Indian context"	Institution's Innovation Council AISSMS COE & Sponsored by MoE's Innovation Cell & AICTE	14 October 2021
		Attended Session 4 Impact Lecture Series 2021 on "Role of IPR in Start-up"	Institution's Innovation Council AISSMS COE & Sponsored by MoE's Innovation Cell & AICTE	14 October 2021
21	Prof. S T Surase	1)National Level Webinar on Environment	Government of Maharashtra	11/10/21
		2)Workshop on IPR & Patent	AISSMSCOE,	25-09-2021

		3)National Conference on Recent Trends in Mathematics.	Shri Pancham Khemraj College Sawantwadi.	28-08-2021
22	Prof. B. A. Patil	participated in Session 3 of Impact Lecture Series 2021 on “IPR with reference patent drafting and filing in Indian context”	Institution’s Innovation Council AISSMS COE & Sponsored by MoE’s Innovation Cell & AICTE	14/10/2021
		participated in Session 1 of Impact Lecture Series 2021 on “ORIENTATION SESSION ON NEP”	Institution’s Innovation Council AISSMS COE & Sponsored by MoE’s Innovation Cell & AICTE	04/10/2021
		participated in Session 2 of Impact Lecture Series 2021 on “DEVELOPING ENTREPRENEURSHIP PERSONALITIES”	Institution’s Innovation Council AISSMS COE & Sponsored by MoE’s Innovation Cell & AICTE	04/10/2021
23	Prof S A Takalkar	1.Attended webinar "Symbol of Knowledge" organised NSS amd Unnat Abhiyan, AISSMSCOE,Pune on 11/06/2021.	AISSMS COE Pune	11/06/21
		2.Attended webinar “Rediscover yourself” organised by Library AISSMSCOE on Monday 18th oct.2021	AISSMS COE Pune	18/10/21
		3.Attended webinar on " Discover yourself" on 7 December 21 organized by Cadigo Madrid club and computer department of AISSMS COE Pune.	Comp department,AISSMS COE, Pune	07/12/21

		4. Attended inauguration function of Innovation ambassador training program 2021 on 30 June organized by ministry of education innovation cell and AICTE.	AICTE	30/06/21
		5. Attended webinar on " Strategic approach for research and innovation" organized by Faculty development cell AICTE on 26 Aug 21.	Faculty development cell, AICTE	26/08/21
		6. Attended webinar on Role of IPR in Startups organised by Department of Electrical Engineering in association with Institutions Innovation Cell and Entrepreneurship and skill Development Cell on 30/6/2021	AISSMS COE Pune	30/06/21
		7. Participated in the webinar "Intellectual Property Rights" organised by Library and department of Civil Engineering in association with institutions of innovation Council (IIC)	IIC, AISSMS COE Pune	19/06/21
		8. Attended webinar on "Yoga for well being" on 21-06-21	AISSMS COE Pune	21/06/21

		organized by AISSMS-COE Pune		
		9.Attending talk on stress management on 10June 21 organized by Faculty development cell AICTE Dheli.	AICTE	1 day

**TERM TWO**

S. No.	Name of Faculty	Title of the FDP/STTP	Organized by	Duration/ Dates
1	Dr. N. N. Shejwal	ICT tool for chem teacher	PMMMNM TT, GAD TLC	22/2/2022
		IMPLEMENTATION OF NEP2020	VASANTIDEVI COLLEGE OF PHARMACY AND AICTE	12/03/2021
		TECHSAVY TEACHER TRAINING	SHABASGURUJI	16/5/2021
2	Prof. P.R.Satarkar	one day Workshop on “Concrete mix Proportioning and Value added Concrete”	AISSMS college of Eninerig	2days
3	Prof. S. S. Bhuinyan	Attended Guest Lecture on “ Innovative ideas and opportunities in the research for Civil Engineering Projects ,Resource Person - Er.G. Prabhakar.	AISSMS COE PUNE	on 23/04/2022,
		Attended Workshop on “ Introduction to advanced CFD analysis	orgaized by skill lync workshop.	on 22 Feb 2022
4	Prof. Y.R. Chandwade	Engineering Graphics Syllabus implementation refreshable meeting	BOS Mech SPPU	30/6/2022
5	Prof. S. S. Patil	Webinar on Global Scholarship	FE Department AISSMS COE	24 June 2022
6	Dr. V.S. Kalyani	i) Attended 4 sessions of Impact	Civil departmrnt & IIC cell AISSMS COE	12 & 22 July 2022



		lecture series Phase II 2022		
7	Prof. S T Surase	1) Mentor development Training Programme	Entrepreneurship & Skill development Cell, AISSMSCOE	14-15 July 2022
		2) National Intellectual Property Awareness Mission	Intellectual Property Office, India	21-07-2022
8	Prof. B. A. Patil	Attended 4 sessions of Impact lecture series Phase II 2022	Civil department & IIC cell AISSMS COE	12 & 22 July 2022
		IP Awareness/Training program	Intellectual Property Office and MoE's Innovation Cell, India at AISSMSCOE	28/06/2022
		National Intellectual Property awareness Mission	Intellectual Property Office, India	09/03/2022
9	Prof. S A Takalkar	Attended 4 sessions of Impact lecture series Phase II 2022	Civil department & IIC cell AISSMS COE	12th July 2022 & 22th July 2022
10	Prof. A A Gupta	Attended 4 sessions of Impact lecture series Phase II 2022	Civil department & IIC cell AISSMS COE	12 & 22 July 2022
		IP Awareness/Training program	Intellectual Property Office and MoE's Innovation Cell, India at AISSMSCOE	28/06/2022

## 2.6 CONFERENCES/ SYMPOSIUMS ATTENDED BY THE DEPARTMENT FACULTY

TERM ONE					
S N	Name Of Faculty	Title Of The Conference / Symposium	Organized By	Duration/ Dates	
1	Prof. A. B. Patil	87th annual conference of the Indian Mathematical Society	MGM University, Aurangabad	4-7 December, 2021	
2	Dr. V.S. Kalyani	i) Attended Conference of Deccan Sugar Technologists Association ( India) Pune	Deccan Sugar technology association (India)	30 & 31 Oct 2021	

		66 th annual convention on 30 & 31 Oct 2021		
3	Prof. S T Surase	3) National Conference on Recent Trends in Mathematics.	Shri Pancham Khemraj College Sawantwadi.	28-08-2021

<b>TERM TWO</b>				
<b>S N</b>	<b>Name of Faculty</b>	<b>Title of the Conference / Symposium</b>	<b>Organized By</b>	<b>Duration/ Dates</b>
1	Dr. S. K. Upasani	National Conference on Innovation in Engineering Technology (NCIET-2022)	AISSMSCOE	20 May 2022
2	Dr. N. N. Shejwal	International conference on advance material for innovative technology	milliya arts, science and management science college , beed maharashtra, india	11/2/2022
3	Prof. P.R.Satarkar	National Conference on Innovation in Engineering Technology (NCIET-2022)	AISSMSCOE	20 May 2022
4	Prof. S. S. Bhuinyan	National Conference on Innovation in Engineering Technology (NCIET-2022)	AISSMSCOE	20 May 2022

**2.7 ONLINE COURSES / CERTIFICATE COURSES COMPLETED BY DEPARTMENT FACULTY**

<b>TERM ONE</b>				
<b>S N</b>	<b>Name of Faculty</b>	<b>Title of the Course</b>	<b>Conducted By</b>	<b>Duration/ Dates</b>
1	Dr. A. B. Patil	8 week NPTEL Course - "Introduction to Abstract Group Theory"	AICTE	August to October 2021
2	Prof. A. B. Thakare	Completed Eight week NPTEL course on "Introduction to Abstract and Linear Algebra" .	AICTE	August to October 2021

3	Prof. M. A. D'Cruz	8 week NPTEL Course: Design, Technology and Innovation	AICTE	August to October 2021
4	Prof. Almas Ambreen	Completed NPTEL course on Control and Tuning Methods in Switched Mode Power Converters	SWAYAM	12 Week
5	Dr. V.S. Kalyani	Completed NPTEL online course" Biomedical Nanotechnology"	SWAYAM	4 Week
6	Prof. M. S. Nikam	Calculus of One Variable	NPTEL	8 week
7	Prof. B. A. Patil	Completed 8 week NPTEL Course on "Big Data Computing"	NPTEL SWAYAM	August to October 2021
8	Prof.V.R.Patil	Aircraft Propulsion	NPTEL SWAYAM	August to October 2021

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

<b>TERM ONE</b>					
<b>S N</b>	<b>Name of faculty coordinator</b>	<b>Topic</b>	<b>Name and contact details of guest</b>	<b>Date</b>	<b>Number of beneficiaries</b>
1	Dr.N.N.Shejwal	SYMBOL OF KNOWLEDGE-WATER MANAGEMENT	DR. RAJENDRA SINGH	11/06/2021	
		ENVIORNMENT ISSUES AND CHALLENGES		26/07/2021	500

**TERM TWO**

<b>S N</b>	<b>Name of faculty coordinator</b>	<b>Topic</b>	<b>Name and contact details of guest</b>	<b>Date</b>	<b>Number of beneficiaries</b>
1	Prof. S. S. Bhuinyan	An interactive session	Shri. Prabhakar Gundlapalli MTech in Nuclear Engineering Associate Director (CIVIL), Nuclear Power Corporation of India Limited (NPCIL), Department Of Atomic Energy (DAE), Govt. Of India	25 th March 2022.	122
2	Prof. M. A. D'Cruz	Organizing team member of Guest Lecture by Dr. Virendra Kumar Vijay on Unnat Bharat Abhiyan on 07.07.2022	Dr. Virendra Kumar Vijay	07.07.2022	100+

## **2.9 FACULTY SERVED AS RESOURCE PERSON, EXPERT, CHAIRPERSON**

<b>TERM ONE</b>				
<b>S N</b>	<b>Name of Faculty</b>	<b>Title of Activity</b>	<b>Organizing body</b>	<b>Date</b>
1	Dr. M. K. Nikam	Subject Expert for selection of Teaching Faculty Interview Process	DYPIEMR, Akurdi	17/06/2021
			PVG Pune	27/07/21
			Bharati Vidyapeet Pune	23/12/2021
			PICT Pune	27/06/21

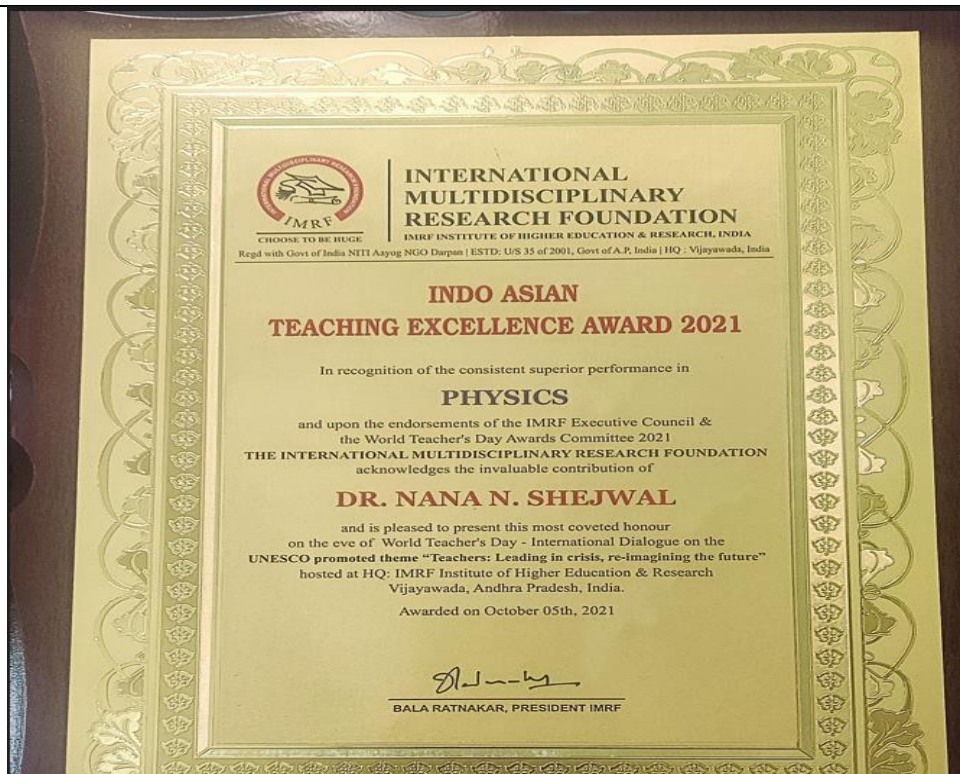
<b>TERM TWO</b>				
<b>S</b>	<b>Name of Faculty</b>	<b>Title of Activity</b>	<b>Organizing body</b>	<b>Date</b>

N				
1	Dr. M. K. Nikam	Subject Expert for selection of Teaching Faculty Interview Process	DYPIEMR, Akurdi	18/05/2022
			Ajinkya DYP., Lohegaon	30/05/2022
			Bharati Vidyapeet Pune	24/06/22
			PICT Pune	25/06/22
2	Dr.N.N.Shejwal	UBA :TRANSFORMING VILLAGES	Marathwada Mitra mandals, institute of management education,research and training, pune	10/2/2022

<b>ACHIEVEMENTS OF THE FACULTY</b>
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**Dr N N Shejwal received Vidnyan Shishak Sanman in 2022**



**Dr. N N Shejwal received Indo Asian Teaching Excellence Award in 2021**



**Elite**  
**NPTEL Online Certification**  
 (Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**MERILYN ALBERT DCRUZ**  
 for successfully completing the course

**Design, Technology and Innovation**

with a consolidated score of **91** %

Online Assignments	20/25	Proctored Exam	70.5/75
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Total number of candidates certified in this course: **332**

Aug-Oct 2021  
 (8 week course)

Prof. Sridhar Iyer  
 Head CDEEP & NPTEL Coordinator  
 IIT Bombay

Indian Institute of Technology Bombay

swayam

Roll No: NPTEL21DE16S24201123 To validate and check scores: <https://nptel.ac.in/noc>

**Mrs.M A D’Cruz received Elite +Gold medal in NPTEL Exam**



**Elite**  
**NPTEL Online Certification**  
 (Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**AMOL BHAUSAHEB PATIL**  
 for successfully completing the course

**Introduction to Abstract Group Theory**

with a consolidated score of **87** %

Online Assignments	20.13/25	Proctored Exam	66.75/75
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Total number of candidates certified in this course: **182**

Aug-Oct 2021  
 (8 week course)

Prof. Andrew Thangaraj  
 NPTEL Coordinator  
 IIT Madras

Prof. Devendra Jilihal  
 Chairman  
 Centre for Continuing Education, IITM

Indian Institute of Technology Madras

swayam

Roll No: NPTEL21MA42S24200705 To validate and check scores: <https://nptel.ac.in/noc>

**Dr.A B Patil received Elite +Silver Medal in NPTEL Exam**

**Elite**

**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)




This certificate is awarded to  
**BHAKTI AMIT PATIL**  
for successfully completing the course

**Big Data Computing**

with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.5/75
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Total number of candidates certified in this course: **1394**

  
**Prof. Rajesh M. Hegde**  
Chairman, Centre for Continuing Education  
IIT Kanpur

**Aug-Oct 2021**  
(8 week course)

  
**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL21CS86544201305
To validate and check scores: <https://nptel.ac.in/noc>

**Mrs.B A Patil received Elite +Silver Medal in NPTEL Exam**

**Elite**

**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)




This certificate is awarded to  
**VIJAY R PATIL**  
for successfully completing the course

**Aircraft Propulsion**

with a consolidated score of **62** %

Online Assignments	11.47/25	Proctored Exam	50.77/75
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Total number of candidates certified in this course: **102**

  
**Prof. Hemant B. Kaushik**  
Head, Center for Educational Technology  
NPTEL Coordinator, IIT Guwahati

**Jul-Oct 2021**  
(12 week course)



Indian Institute of Technology Guwahati



Roll No: NPTEL21ME95534201208
To validate and check scores: <https://nptel.ac.in/noc>

**Mr.V R Patil received Elite Medal in NPTEL Exam**



## FDP Attended by Department Faculty



# **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. V.S. Kalyani	i) Coordinated , organized MOEs IIC Impact lecture series on 4 Oct 21 and 14 oct 21	4&14 Oct 21	400	-
		ii) Organizing acommittee member of webinar on Shivrajya Din and Shivrajyaabhishek din on 6 June 21 organized by NSS and FE department AISSMS COE.21	6 June 21	125	-

### 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 Participa nts	Funding Agency (If any) and Amount (Rs.)
1	Prof. S. S. Bhuinyan	One day Webinar on "Beyond BIM: A Peek in the future of Construction Management"	on 22nd June 2021.		-
		Department of Civil Engineering and First Year Engineering has organised a One day Programme on “Virtual Tour of Ready Mix Concrete Plant” in association with UltraTech Cement Ltd. & The Institution of Engineers	03 Decembe r 2021 .		-

		(India), Pune Local Centre, on 03 December 2021 .			
2	Dr.V.S.Kalyani	Coordinated , organized MOEs IIC Impact lecture series on 4 Oct 21 and 14 oct 21		Civil Comp department	-
		Organizing acommittee member of webinar on Shivrajya Din and Shivrajyaabhishek din on 6 June 21 organized by NSS and FE department AISSMS COE.21	6 June 21	NSS & FE department	-

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.)
1	Prof. S. S. Bhuinyan	Department of Civil Engineering and First Year Engineering has organised a Two day Workshop on “Concrete Mix Proportioning & Value Added Concrete”, scheduled on 29th March & 30th March 2022, in association with UltraTech Cement Limited and ISTE Students' Chapter.	on 29th March & 30th March 2022		

### 3.3 CONFERENCES/ SYMPOSIUM ORGANIZED BY THE DEPARTMENT

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

1	Prof. V R Patil Dr. S K Upasani	National Conference on Innovation in Engineering Technology (NCIET-2022) -organised by all departments of AISSMSCOE	20 May 2022	100+	-
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### 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
1	FE Induction Program Committee	FE Student Induction Program	23-31 Dec 2021	All FE admitted students
2	Dr.N.N.Shejwal Prof. M. S. Nikam	Organized "World Environment Day Online Awareness Quiz"	5 & 6 June 2021	414
3	Prof. Almas Ambreen Dr. V.S. Kalyani Prof. M. S. Nikam	Organized MHT CET Quiz Competition under FE Department, AISSMSCOE, Pune	23 to 27 September 2021	500
TERM TWO				
S N	Name of Faculty Coordinator	Details of activity conducted	Date	Number of beneficiaries
1	PBL Exhibition Committee	PBL Exhibition	20th July 2022	All FE students
2	Dr.V S Kalyani	Quiz Competetion	15 July 2022	40

### 3.5 MOU SIGNED WITH ACADEMIC AND PROFESSIONAL ORGANISATIONS

TERM ONE				
S. No.	Faculty Coordinator	Name of Organisation	Date of MoU Signed	Valid upto 00/00/0000

1	Dr.V.S. Kalyani	Pratibha Institute of Business Management, Chinchwad, Pune	1/6/21	1/6/23
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<b>TERM TWO</b>				
<b>S. No.</b>	<b>Faculty Coordinator</b>	<b>Name of Organisation</b>	<b>Date of MoU Signed</b>	<b>Valid upto 00/00/0000</b>
1	Dr.V.S. Kalyani	Pratibha Institute of Business Management, Chinchwad, Pune	1/6/21	1/6/23

### **3.7 SOCIAL ACTIVITIES ORGANISED (NSS, Women empowerment, Awareness Programms)**

<b>TERM ONE</b>			
<b>Faculty coordinator</b>	<b>Name of Activity</b>	<b>Date, Duration</b>	<b>Number of students involved</b>
Dr.N.N.Shejwal	Women empowerment		150

### **3.8 PARENT MEETING**

<b>TERM TWO</b>			
<b>Faculty coordinator</b>	<b>Name of Activity</b>	<b>Date, Duration</b>	<b>Number of students involved</b>
S S Patil	Parent Meeting	July 2022	500+

### **3.10 SUPPORT FROM ALUMNI**

<b>TERM ONE</b>					
<b>Sr No</b>	<b>Name of Alumni</b>	<b>Position and Organisation</b>	<b>Batch (e.g. 2014 – 2018)</b>	<b>Details of Support</b>	<b>Date</b>
1	Rohit Koul and Aniket Nampalliwar,	Director, Green Ecomes Pvt Ltd	2013-2014	MOU, WEBINARS	2021-22

2	Tushar Sathe,	Director , Geetai Construction	2011-2012	BE PROJECT	2021-22
3	Suraj More,	Owner, Swapnil Traders	2014-2015	BE PROJECT	2021-22
4	Akshay Ugale	Co-Founder, ScriptEdge	2013-17	Internship for TE Computer students	March 2022 to till date

<b>TERM TWO</b>					
<b>Sr No</b>	<b>Name of Alumni</b>	<b>Position and Organisation</b>	<b>Batch (e.g. 2014 – 2018)</b>	<b>Details of Support</b>	<b>Date</b>
1	KIRAN CHAVAN		2013-2017	COUNSELLING UPSC	Jan 2022
2	Rohit Koul and Aniket Nampalliwar,	Director, Green Ecomes Pvt Ltd	2013-2014	MOU, WEBINARS	2021-22
3	Tushar Sathe,	Director , Geetai Construction	2011-2012	BE PROJECT	2021-22
4	Suraj More,	Owner, Swapnil Traders	2014-2015	BE PROJECT	2021-22
5	Akshay Ugale	Co-Founder, ScriptEdge	2013-17	Internship for TE Computer students	March 2022 to till date

### 3.11 INTERACTION WITH ALUMNI

<b>TERM ONE</b>				
<b>S N</b>	<b>Name of Alumni and Activity coordinator</b>	<b>Details of Activity conducted</b>	<b>Date and duration</b>	<b>Total Number of beneficiaries</b>
1	<b>Activity Coordinator:</b> Prof.S S Bhuinyan <b>Alumni:</b> Rohit Koul and Aniket Nampalliwar,	Activity - WEBINARS	22nd June 2021.	

	Director, Green Ecomes Pvt Ltd,			
2	<b>Activity Coordinator:</b> Prof.S S Bhuinyan <b>Alumni:</b> Tushar Sathe, Director , Geetai Construction,	Activity - Project	6months	4
3	<b>Activity Coordinator:</b> Prof.S S Bhuinyan <b>Alumni:</b> Suraj More, Owner, Swapnil Traders,	Activity Project	6months	4
4	<b>Activity Coordinator:</b> Prof.Bhakti Patil <b>Alumni:</b> Akshay Ugale	Activity Internship	1 year	3

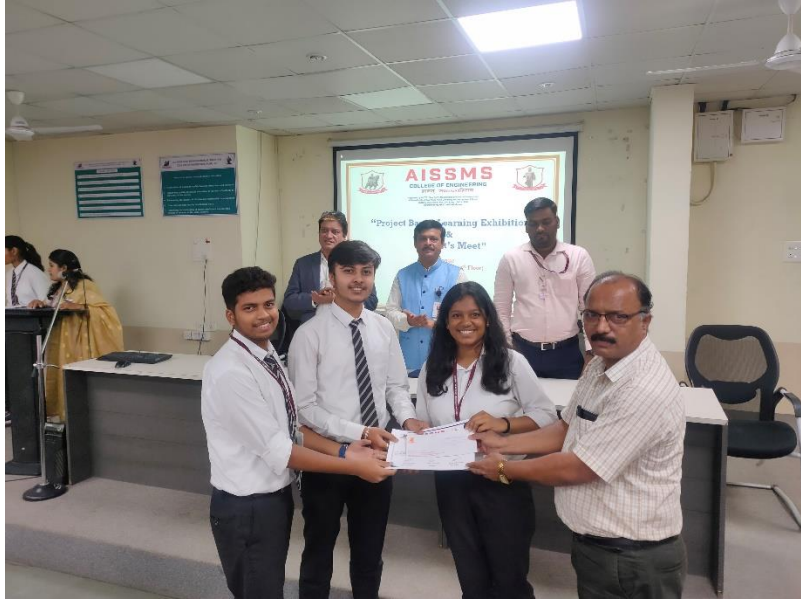
<b>TERM TWO</b>				
<b>S N</b>	<b>Name of Alumni and Activity coordinator</b>	<b>Details of Activity conducted</b>	<b>Date and duration</b>	<b>Total Number of beneficiaries</b>
1	<b>Activity Coordinator:</b> Dr.N N Shejwal <b>Alumni:</b> Swapnil Pawar		Continuous	12
2	<b>Activity Coordinator:</b> Prof.S S Bhuinyan <b>Alumni:</b> Rohit Koul and Aniket Nampalliwar, Director, Green Ecomes Pvt Ltd,	Activity - WEBINARS		
3	<b>Activity Coordinator:</b> Prof.S S Bhuinyan <b>Alumni:</b> Tushar Sathe, Director , Geetai Construction,	Activity - Project	6months	4
4	<b>Activity Coordinator:</b> Prof.S S Bhuinyan <b>Alumni:</b> Suraj More, Owner, Swapnil Traders,	Activity Project	6months	4



5	<b>Activity Coordinator:</b> Prof.Bhakti Patil <b>Alumni:</b> Akshay Ugale	Activity Internship	1 year	3
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### PBL Exhibition





# **4.RESEARCH CONTRIBUTION**

#### 4.1 FUNDED RESEARCH PROJECTS

TERM ONE				
S N	Principal Investigator	Title of the Project	Amount Received (Rs)	Funding Agency
1	Dr. N. N. Shejwal	Oninon Harvesting Machine	1LACKS	MHRD, GOI
2	Prof. P.R.Satarkar	Rehabilitation of beams by using fiber Reinforced polymer	10000	Kangrakar associates
TERM TWO				
S N	Principal Investigator	Title of the Project	Amount Received (Rs)	Funding Agency
1	Dr. N. N. Shejwal	Oninon Harvesting Machine	1LACKS	MHRD, GOI

#### 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. V.S. Kalyani	Kon Tiki pyrolysis of agro waste and test for usefulness of bichar to farmers	30 & 31 Oct 21	Deccan sugar technology association pune , 66 th annual convention	9034:3 5:00	Deccan sugar technology association pune , 66 th annual convention

TERM TWO						
S. No	Authors	Document Details	Year	Conference Details	ISBN	Organised by
1	Dr. N. N. Shejwal	Comparative study of graphene material	2022	ICAMIT 2022		MILLIYA COLLEGE

		synthesised by different chemical pathways				BEED, MAHARASHTRA
2	Prof. P.R.Satarkar	Investigation on Seismic performance Of outrigger structure for highrise building	2022	NCIET 2022		AISSMS College of ENGG. Pune
		Comparative study for shear Strengthening of Beams by using BFP, CFRP and Banana reinforced polymer	2022	NCIET 2022		AISSMS College of ENGG. Pune
		Linear analysis of precast retaining wall	2022	NCIET 2022		AISSMS College of ENGG. Pune
3	Prof. S. S. Bhuinyan	Analysis of Concrete Gravity Dam: A review paper	2022	NCIET 2022 National conference		AISSMS COE PUNE
		Thermal analysis of mass concrete of gravity Dam using finite element method	2022	NCIET 2022 National conference		AISSMS COE PUNE
		Analysis of initial rotational stiffness For different section of semi-rigid Connection.	2022	NCIET 2022 National conference		AISSMS COE PUNE
4	Prof. Almas Ambreen	Review of Robust control techniques of DC DC Converter	2022	National Conference on NCASETED		Government college of Karad

#### 4.5 PAPERS PUBLISHED IN JOURNALS

<b>TERM ONE</b>
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S. No	Authors	Document Details	Year	Source Details	ISBN/ISSN	Publisher
1	Prof. A. B. Patil	AB Patil, TG Shaba; On sharp Chebyshev polynomial bounds for a general subclass of bi-univalent functions, Applied Sciences, Vol.23, 2021, pp. 109-117.	2021	<a href="http://www.mathem.pub.ro/apps/v23/A23-pt-ZAN55.pdf">http://www.mathem.pub.ro/apps/v23/A23-pt-ZAN55.pdf</a>	1454-5101	Balkan Society of Geometers, Geometry Balkan Press
		AB Patil, UH Naik; On coefficient inequalities of certain subclasses of bi-univalent functions involving the Salagean operator, Filomat 35:4 (2021), 1305–1313.	2021	<a href="https://doi.org/10.2298/FIL2104305P">https://doi.org/10.2298/FIL2104305P</a>	2406-0933	Faculty of Sciences and Mathematics, University of Nis. Supported by the University of Nis, and by the Ministry of Education, Science and Technological Development, Republic of Serbia.
		IO Ibrahim, TG Shaba, AB Patil; On some subclasses of m-fold symmetric bi-univalent functions associated with the Sakaguchi type functions, Earthline Journal of Mathematical Sciences, Volume 8, Number 1, 2022, Pages 1-15.	2022	<a href="https://doi.org/10.34198/ejms.8122.115">https://doi.org/10.34198/ejms.8122.115</a>	2581-8147	Earthline Publishers
		AB Patil; Sharp coefficient inequalities for certain subclasses of bi-univalent Bazilevic	2022	<a href="https://doi.org/10.4134/CKMS.c200468">https://doi.org/10.4134/CKMS.c200468</a>	pISSN: 1225-1763 / eISSN:	Korean Mathematical Society

		functions, Communications of the Korean Mathematical Society, 37 (1) 2022, pp. 113-123.			2234- 3024	
		RS Khatu, UH Naik, AB Patil; Estimation on initial coefficient bounds of generalized subclasses of bi- univalent functions, International Journal of Nonlinear Analysis and Applications, ISSN 2008-6822, in press.	2022	<a href="http://dx.doi.org/10.22075/ijn.aa.2022.23092.2613">http://dx.doi.org/10.22075/ijn.aa.2022.23092.2613</a>	2008- 6822	Semnan University
		AB Patil; On sharp bounds of Fekete- Szego functional for a certain bi-univalent function class associated with quasi- subordination, Afrika Matemática, ISSN 1012-9405, 2190- 7668, 33:71.	2022	<a href="https://doi.org/10.1007/s13370-022-01007-7">https://doi.org/10.1007/s13370-022-01007-7</a>	1012- 9405, 2190- 7668	Springer Nature
2	Prof. P.R.Satarkar	The design and cost analysis of Net zero energy residential building	2021		2395- 0072	IRJET
3	Prof. S. S. Bhuinyan	Effect of Varying Concentration of NaOH on Geopolymer Concrete	2021	<a href="https://www.irjet.net/archives/V7/i6/IRJET-V7I6375.pdf">https://www.irjet.net/archives/V7/i6/IRJET-V7I6375.pdf</a>	e- ISSN:2 395- 0056 ,p- ISSN:2 395- 0072	International Research Journal of Engineering And Technology (IRJET) ,Volume: 07,June 2021 Issue: 06
		Study and Improvement of Structure by using	2021	<a href="https://www.irjet.net/archives/">https://www.irjet.net/archives/</a>	ISSN: 2395- 0072	International Research Journal of

		Self Healing Concrete		<a href="http://V7/i6/IRJET-V7I6375.pdf">V7/i6/IRJET-V7I6375.pdf</a>		Engineering and Technology Volume: 08 Issue: 07   July 2021
4	Dr. V.S. Kalyani	Hydroxycoumarine encapsulated sulfonatocalix[4]arene arene: <sup>1</sup> H NMR, steady state fluorescence and theory	2021	<a href="https://doi.org/10.1016/j.molliq.2021.116760">https://doi.org/10.1016/j.molliq.2021.116760</a>	01677322, 18733166	Elsevier
5	Dr. P. D. Baviskar	<a href="http://nopr.niscair.res.in/handle/123456789/58190">http://nopr.niscair.res.in/handle/123456789/58190</a>	2022	<a href="#">Synthesis and biological activity of 7-(2-(1 H-1, 2, 4-triazol-1-yl)ethoxy)-4-(styryl/4-substituted styryl)-2 H-chromen-2-one</a> <a href="#">Indian Journal of Chemistry-Section B (IJC-B) 60 (8), 1097-1102</a>	0376-4699	Indian Journal of Chemistry-Section B (IJC-B) 60 (8),

### TERM TWO

S. No	Authors	Document Details	Year	Source Details	ISBN/ISSN	Publisher
1	Prof. P.R.Satarkar	Development of A Mathematical Model on Traffic Management For Major Junctions in Pune City	2022		2349-6002	IJIRT
		Study on Utilization of Natural Fibre As A Composite Material	2022		2349-5162	JETIR



		in Cement Mortar Tiles				
		Water quality Assessment of Rivers in india –review	2022		0012-2440	DICKNSIAN
2	Prof. S. S. Bhuinyan	“Preparation of High Strength Concrete Using Multiblend mineral admixture”	2022	<a href="https://search.pindia.gov.in/DynamicUtility/Journal/Patent">https://search.pindia.gov.in/DynamicUtility/Journal/Patent</a>		Indian Patent Journal No. 21/2022 dated 03/06/2022
		“Method for Determination of flexural behaviour of Reinforced Beam”	2022	<a href="https://search.pindia.gov.in/DynamicUtility/Journal/Patent">https://search.pindia.gov.in/DynamicUtility/Journal/Patent</a>		Indian Patent Journal No. 21/2022 dated 27/05/2022
		“Study of Structural Irregularities in different Seismic Zones using Response Spectrum Analysis”	2022	<a href="https://doi.org/10.22214/ijraset.2021.37082">https://doi.org/10.22214/ijraset.2021.37082</a>	ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429.	“International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume 9 Issue VIII Aug 2021
		Effective Methods for The Retrofitting of Reinforced Concrete Structures	2022	<a href="https://doi.org/10.22214/ijraset.2022.44203">https://doi.org/10.22214/ijraset.2022.44203</a>	ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429.	“International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume 10 Issue VI June 2022-
3	Prof. S. S. Patil	Six Sigma Tools and Shainin DOE Techniques	May 2022	<a href="https://ijarsct.co.in/Paper4357.pdf">https://ijarsct.co.in/Paper4357.pdf</a>	ISSN (Online) 2581-9429	International Journal of Advanced Research in Science, Communicat

						ion and Technology (IJARSCT)
4	Prof. B. A. Patil	MediaRec: A Hybrid Media Recommender System	May 2022	<a href="https://doi.org/10.22214/ijraset.2022.42927">https://doi.org/10.22214/ijraset.2022.42927</a>	ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429.	“International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume 10 Issue V May 2022

#### 4.6 BOOK/ ARTICLE PUBLICATIONS

TERM ONE				
Author	Title of the Book	Published by	ISBN	Year
Dr. M. K. Nikam	Engineering Mathematics-I	Technical Publication Pune		2021
	Engineering Mathematics-III			2021
Dr. D. V. Nighot	Advances In Materials Science	Bhumi Publication	(ISBN: 978-93-91768-91-1)”	2022

#### 4.7 RESEARCH CITATIONS (Source of Data: Google scholar) (As on 30<sup>th</sup> June)

Name of faculty	Citations	Name of faculty	Citations
Dr.N.N.Shejwal	56	Dr. A. B. Patil	57
Prof.S. S.Bhuinyan	5	Dr.V.S.Kalyani	59
Prof. Almas Ambreen	3	Prof. S. S. Patil	32
Prof. S. S. Khasbage	10	Prof.B.A.Patil	32
Prof.A.A.Gupta	44		

## Total Citations of Department: 298

### 4.8 ME AWARDED

TERM TWO			
Sr No	Name of Supervisor	Title of Thesis	Name of Candidate
1	Prof. P.R.Satarkar	Rehabilitation of beams by using fiber reinforced polymer	Utkarsh Pawar
		Analysis of outrigger belt truss system for high rise building under seismic loading	Pratiksha Patil
2	Prof. S. S. Bhuinyan	Effect of weak zones in the foundation on structural safety of dam	Jitesh Vijay Deore
		Analysis and Design of Multistorey Steel Structure With Semi-Rigid Connection.	Sandesh Thore
		Thermal analysis of mass concrete of gravity dam using finite element method	Nihal Rajesh Prasad

### PAPERS PUBLISHED IN CONFERENCE/JOURNALS

	<p style="text-align: right;">  </p> <p>           Int. J. Nonlinear Anal. Appl. In Press, 1-9            ISSN: 2008-6822 (electronic)  <a href="http://dx.doi.org/10.22075/ijnaa.2022.23092.2613">http://dx.doi.org/10.22075/ijnaa.2022.23092.2613</a> </p> <p style="text-align: center;"> <b>Estimation on initial coefficient bounds of generalized subclasses of bi-univalent functions</b> </p> <p style="text-align: center;">           Ranjan S. Khatu<sup>a</sup>, Uday H. Naik<sup>b</sup>, Amol B. Patil<sup>c</sup> </p> <p> <sup>a</sup>Department of Mathematics, Arts, Commerce and Science College, Lanja-416701, India  <sup>b</sup>Department of Mathematics, Willingdon College, Sangli-416415, India  <sup>c</sup>Department of First Year Engineering, AISSMS College of Engineering, Pune-411001, India         </p> <p style="text-align: right;"> <i>(Communicated by Ali Jabbari)</i> </p>
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### On sharp bounds of Fekete-Szegő functional for a certain bi-univalent function class associated with quasi-subordination

Amol B. Patil<sup>1</sup>

Received: 13 December 2020 / Accepted: 6 June 2022  
© African Mathematical Union and Springer-Verlag GmbH Deutschland, ein Teil von Springer Nature 2022



### On Some Subclasses of $m$ -fold Symmetric Bi-univalent Functions associated with the Sakaguchi Type Functions

Ismaila O. Ibrahim<sup>1</sup>, Timilehin G. Shaba<sup>2,\*</sup> and

A. I. D. O. O. O.

### SHARP COEFFICIENT INEQUALITIES FOR CERTAIN SUBCLASSES OF BI-UNIVALENT BAZILEVIĆ FUNCTIONS

AMOL BHRAUSAHEB PATIL



# **5.INTERACTION WITH INDUSTRY**

## 5.1 INDUSTRY VISITS ORGANISED

<b>TERM ONE</b>				
<b>Sr. No.</b>	<b>Faculty Coordinator</b>	<b>Class and Number of students attended</b>	<b>Industry Name and Address</b>	<b>Date of visit</b>
1	Prof. S. S. Bhuinyan	All FE students	One day Programme on “Virtual Tour of Ready Mix Concrete Plant” in association with UltraTech Cement Ltd. & The Institution of Engineers (India), Pune Local Centre	03 December 2021 .
<b>TERM TWO</b>				
<b>Date of visit</b>	<b>Faculty Coordinator</b>	<b>Class and Number of students attended</b>	<b>Industry Name and Address</b>	<b>Date of visit</b>
1	FE Teaching Faculty	All FE students	Visit to Indian Institute of Tropical Meteorology, Pashan, Pune	9-13th May 2022

## 5.2 EXPERT LECTURES DELIVERED BY INDUSTRY EXPERTS

<b>TERM TWO</b>					
<b>Sr. No.</b>	<b>Faculty Coordinator</b>	<b>Class (Number of students attended)</b>	<b>Name, Industry, designation and contact details of Expert</b>	<b>Topic</b>	<b>Date</b>
1	Prof. S. S. Bhuinyan	For AISSMS COE	interactive session with Shri. Prabhakar Gundlapalli M.Tech in Nuclear Engineering Associate Director (CIVIL), Nuclear Power Corporation of India Limited (NPCIL), Department Of Atomic Energy (DAE), Govt. Of India	interactive session	25 th March 2022.

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

Sr. No.	Name of Project guide	Title of Industry Sponsored Project	Name of Sponsoring Industry
<b>TERM ONE</b>			
1	Prof. S. S. Patil	Ground Variator Pulley Vibration at high RPM	New Holland
2	Prof. P.R.Satarkar	Rehabilitation of beams by using fiber Reinforced polymer	Kangrakar associates
3	Prof. S. S. Bhuinyan	Effect Of Weak Zones In The Foundation On Structural Safety Of Dam	CWPRS ,PUNE
		Thermal Analysis Of Mass Concrete Of Gravity Dam Using Finite Element Method	CWPRS ,PUNE
		Feasibility Of Bitumen And Concrete Blend In Construction Of Roads	J KUMAR INFRAPROJECTS LTD.
		Retrofitting Of Reinforced Concrete Beam Using Gfrp - An Experimental Interpretation	ULTRA TECH CEMENT LTD
<b>TERM TWO</b>			
1	Prof. S. S. Bhuinyan	Effect Of Weak Zones In The Foundation On Structural Safety Of Dam	CWPRS ,PUNE
		Thermal Analysis Of Mass Concrete Of Gravity Dam Using Finite Element Method	CWPRS ,PUNE
		Feasibility Of Bitumen And Concrete Blend In Construction Of Roads	J KUMAR INFRAPROJECTS LTD.
		Retrofitting Of Reinforced Concrete Beam Using Gfrp - An Experimental Interpretation	ULTRA TECH CEMENT LTD

#### 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	Prof. S. S. Bhuinyan	Green Ecomes Pvt Ltd	22/09/2021	22/09/2026
2	Prof. B. A. Patil	NASSCOM	01/04/2021	31/03/2023

TERM TWO				
Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto (00/00/0000)
1	Prof. S. S. Bhuinyan	Green Ecomes Pvt Ltd	22/09/2021	22/09/2026
2	Prof. B. A. Patil	NASSCOM	01/04/2021	31/03/2023

#### 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
1	Prof. S. S. Bhuinyan	Rohit koul and ANiket Nampalliwar, Green Ecomes	Webinar, intrenship
		Er. Harsh Shah, UltraTech Cement Ltd	Webinar, workshop,Project
2	Prof. B. A. Patil	Akshay Ugale Co-Founder,ScriptEdge.	Internship

TERM TWO			
Sr. No.	Faculty Coordinators	Industry Representative and Name of Industry	Nature of Contribution



1	Prof. S. S. Bhuinyan	Er. Harsh Shah, UltraTech Cement Ltd	Webinar, workshop,Project
2	Prof. B. A. Patil	Akshay Ugale Co-Founder,ScriptEdge.	Internship

## MOU SIGNED WITH INDUSTRY



## INDUSTRIAL VISIT



# **6. STUDENTS ACHIEVEMENTS**

## 6.1 ACHIEVEMENTS OF STUDENTS (Individual Level)

<b>TERM ONE</b>		
<b>Name of Student</b>	<b>Details of Achievement (State/University/ National/International Level)</b>	<b>Remark (Domain)</b>
Ishani Bhongale	Member of Finalist Team for Smart India Hackathon 2022(National Competition by MHRD And Govt Of India)	Technical

# **7. SUMMARY AND SWOC ANALYSIS**

## 7.1 ANY OTHER NOTEWORTHY ACHIEVEMENT OF THE DEPARTMENT

Sr. No.	Details
1	The Department of First Year Engineering has created a consolidated website containing information (PPTs, Notes, Question Bank, Videos etc) of all subjects <a href="https://sites.google.com/aissmscoe.com/aissms/home?authuser=0">https://sites.google.com/aissmscoe.com/aissms/home?authuser=0</a>

## 7.4 TWO BEST PRACTICES FOLLOWED IN THE DEPARTMENT

1. PBL Exhibition and competition and cash prizes to motivate students

2. Focusing on improving the performance of weaker students  
Extra efforts by faculties for difficult subjects .

## 7.6 SWOC ANALYSIS

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

<b>Strengths</b>	1	Experienced and Qualified Faculties
	2	Well-equipped Laboratories
	3	Well Organized academic monitoring system
	4	Effective Mentoring and Counseling system

<b>Weaknesses</b>	1	No hostel facility in campus
	2	Stringent Academic schedule
	3	Sparse Industry Institute Interaction

<b>Opportunities</b>	1	Scope for Up-gradation in Qualification of Faculties
	2	Scope to fetch more funds for R&D projects

	3	To develop e-classrooms
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<b>Challenges</b>	1	Attracting Better Quality Students at entry level
	2	Late joining of some students due to delay in Centralized Admission Process (CAP)
	3	Promoting all students to higher class
	4	Sustaining the expectations of the stakeholders
	5	Short attention span of students

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

<b>1</b>	Conduction of Parents Teacher Meeting to get factual feedback for strengthening quality of Teaching Learning Process
<b>2</b>	On re-issuing basis, text books, local publication books etc to be circulated among students who cannot afford purchasing it
<b>3</b>	Proposing circulation of old Journals and Magazines of previous years extracted from the library and to be kept in the respective Laboratories for enlightenment and ready use of students and faculty members
<b>4</b>	Model Based and Design Thinking HandsOn Experience for the students to be able to put theory into practice

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

<b>Area</b>	<b>Initiatives</b>
Academics and overall profile of Department	Department Faculty have conducted lectures, practicals, tests, assignments, orals (TE/BE Students) and Final Exams for the students
Organization of different activities	Department Faculty organize various activities for the students including Seminars, Site Visits etc
Research and Innovation	Faculty members have published various research papers and have encouraged their project students with various research projects
Industry institute Interaction	Seminars, Site Visits have been conducted during the year for the development of the students
Students' Achievements	Ishani Bhongale , member of team from AISSMSCOE got selected in Smart India Hackathon Finals held at Kolkata in August 2022 and also her team won Cash Prize of 1 Lakh Rs.



**SUMMARY SHEET (Annual)**

<b>Sr No</b>	<b>Activity/ Item</b>	<b>Numbers</b>
<b>PROFILE OF DEPARTMENT</b>		
01	Students in the department	546
<b>FACULTY CONTRIBUTION</b>		
02	e content developed by faculty and available online	62
03	Number of FDP/STTP attended by the department faculty	107
04	Number of Seminars/ workshops/ webinars attended by the department faculty	151
05	Number of Conferences/ symposiums attended by the department faculty	07
06	Number of Online courses / certificate courses completed by department faculty	08
07	Number of extension lectures / webinars (Lectures delivered on other than technical topics))	04
08	Number of Faculty served as resource person, expert, chairperson	09
<b>ACTIVITIES ORGANISED</b>		
09	Number of FDP/STTP organized by the department	02
10	Number of Seminars/ workshops/ webinars organized by the department (for faculty)	05
11	Number of Conferences/ symposiums organized by the department (for faculty)	01

12	Number of Extension activities conducted by the department (Social/ Quizzes at national/international level/any other activity)	05
13	MOU signed with academic and professional organizations	01
14	Number of Students' chapters /clubs	NIL
15	Number of Social activities organized	01
16	Number of Parent meeting	01
17	Number of Alumni meet	NA
18	Number of student counseling and career guidance at the department level	546
	<b>RESEARCH CONTRIBUTION</b>	
19	Number of Funded research project	02
20	Number of Testing and consultancy	NIL
21	Number of Patents, copyright, trademark and other (IPR)	NIL
22	Number of Papers published/ presented in proceedings of conferences	09
23	Number of Papers published in journals	20
24	Number of Book/ article publications	03
25	Total Research citations	298
26	Number of ME awarded	05
27	Number of PhD AWARDED	NA
	<b>INTERACTION WITH INDUSTRY</b>	

28	Number of Industrial visits organised	02
29	Number of Expert lectures delivered by industry experts	01
30	Number of Industry –sponsored projects (UG/PG)	06
31	Number of MOU signed with industry	02
32	Number of Faculty members undergone industrial training	NIL
33	Number of Students undergone in-plant training and (or) internship programme	NA
34	Number of students placed	NA
35	Number of students qualified in the examinations	NA

### **Declaration by the Head of the Department**

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

**Dr. D V Nighot**  
**Head of Department**