



## Internal Quality Assurance Cell

### DEPARTMENT OF FIRST YEAR ENGINEERING ANNUAL REPORT

(15 JUNE 2024 to 14 June 2025)

TERM ONE: 15 June 2024 to 30 November 2024

TERM TWO: 01 December 2024 to 14 June 2025

### Academic Year 2024 – 25

#### *Guidelines:*

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

- ❖ *In case data does not exist please mention it as 'No Data'.*
- ❖ *Please add rows to the table below to suit your requirements*
- ❖ *Ensure that data does not differ from other official records and 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

## VISION OF DEPARTMENT

Impart students with pre-requisites of technical know how's to expedite as emerging engineers

## MISSION STATEMENTS OF DEPARTMENT

1. Embed crucial thinking and analytical reasoning ability required by respective disciplines
2. Cultivate students to deal with stress and anxiety imposed by academics and social milieu
3. Nurture students to emulate and inculcate the judicious nature demanded by the multifaceted world

### 1.1 INTRODUCTION

<b>Year of Establishment</b>	<b>1992</b>
<b>UG Programmes</b>	NA
<b>PG Programmes</b>	NA
<b>Number of Teaching Staff</b>	40
<b>Number of Non-Teaching Staff</b>	06

### 1.2 LABORATORIES IN THE DEPARTMENT

Name of Laboratory	
1. Physics Laboratory	2. Chemistry Laboratory

### 1.3 SOFTWARES AVAILABLE IN THE DEPARTMENT

Software Available
NA

### 1.4 FACULTY IN THE DEPARTMENT

<b>Name of faculty</b>	<b>Designation</b>
1. Dr. D V Nighot	Associate Professor
2. Dr. M K Nikam	Associate Professor
3. Dr. S K Upasani	Associate Professor
4. Dr. N N Shejwal	Associate Professor
5. Prof. V Y Sonawane	Assistant Professor
6. Prof. A Y Kazi	Assistant Professor
7. Prof. S P Bhosale	Assistant Professor
8. Dr. A B Patil	Assistant Professor
9. Prof. M S Swami	Assistant Professor
10. Prof. S H Lavate	Assistant Professor
11. Prof. A B Thakare	Assistant Professor
12. Dr. S A Virkar	Assistant Professor
13. Prof. Y B Karandikar	Assistant Professor
14. Prof. P G Kokare	Assistant Professor
15. Prof. M A D'Cruz	Assistant Professor
16. Prof. S B Patil	Assistant Professor
17. Prof. A M Shete	Assistant Professor
18. Prof. Almas Ambreen	Assistant Professor
19. Prof. S T Gade	Assistant Professor
20. Prof. S S Patil	Assistant Professor
21. Prof. S S Khasbage	Assistant Professor
22. Prof. S T Surase	Assistant Professor

23. Prof. B A Patil	Assistant Professor
24. Prof. K B Kshirsagar	Assistant Professor
25. Dr. P D Baviskar	Assistant Professor
26. Prof. A A Gupta	Assistant Professor
27. Prof. B S Suryavanshi	Assistant Professor
28. Prof. S A Kothari	Assistant Professor
29. Prof. K G Choudhari	Assistant Professor
30. Dr. M Gauratra	Assistant Professor
31. Prof. A V Wakchaure	Assistant Professor
32. Prof. S G Wani	Assistant Professor
33. Dr. S S Modhave	Assistant Professor
34. Prof. M G Ghodekar	Assistant Professor
35. Dr. V S Kalyani	Assistant Professor
36. Prof. R M Deshmukh	Assistant Professor
37. Prof. P S Gore	Assistant Professor
38. K S Hangargi	Assistant Professor
39. A S Warhekar	Assistant Professor
40. S P Warkari	Assistant Professor

### 1.5 DETAILS OF SUPPORTING STAFF

Name of non-teaching staff	Designation
1. Mr. J R Patil	Senior Lab Assistant
2. Mr. R D Rode	Lab Assistant
3. Mr. R H Balkawade	Lab Assistant
4. Mr. R Sukale	Lab Attendant
5. Mr. K A Alhat	Lab Attendant
6. Mr. S N Mane	Attendant

### 1.6 STUDENTS' ENROLLMENT

Program	GEN		SC		ST		OBC		PW D		Others		Total		Program Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Computer	31	18	11	03	02	01	15	20	0	0	20	12	79	54	133
AI & ML	37	13	06	03	05	00	25	12	0	0	21	12	94	40	134
Chemical	12	08	04	06	00	03	14	05	0	0	10	06	40	28	68
Civil	28	06	06	04	03	00	30	06	0	0	30	22	97	38	135
Electrical	13	06	04	03	00	00	07	08	0	0	15	10	39	27	66
E & TC	14	10	04	02	04	00	09	09	0	0	10	09	41	30	71
Mechanical	21	07	07	03	00	01	38	10	0	0	28	11	94	32	126



<b>Mech SW</b>	22	03	03	02	00	00	16	03	0	0	07	03	48	11	59
<b>R &amp; A</b>	16	07	01	02	00	00	12	05	0	0	14	09	43	23	66
<b>Electronic s (VLSI Design &amp; Tech)</b>	08	10	03	02	00	00	16	06	0	0	16	06	43	24	67
<b>Grand Total</b>															<b>925</b>

### 1.7 STUDENTS–FACULTY FEEDBACK DETAILS

<b>Term One</b>			
<b>Sr. No.</b>	<b>Name of faculty</b>	<b>Class and Subject taught</b>	<b>Feedback (%)</b>
1	Dr. M K Nikam	[I] EM-II	88.31
2	Mrs. U H Wanaskar	[I] PPS	85.59
3	IKS Faculty	[I] IKS	82.68
4	Mrs. S A Kothari	[I] EM	94.52
5	Dr. D V Nighot	[I] CHEM	75.86
6	Mr. A Y Kazi	[I] BXE	78.7
7	Mr. A B Thakare	[II] EM-II	91.56
8	Mrs. Ankita Gupta	[II] PPS	93.11
9	IKS Faculty	[II] IKS	82.85
10	Mrs. S B Patil	[II] EM	92.96
11	Dr. V S Kalyani	[II] CHEM	84.11
12	Mr. S P Bhosale	[II] BXE	70.07
13	Mr. P S Gore	[III] EM-II	91.38
14	Mrs. B A Patil	[III] PPS	94.61
15	IKS Faculty	[III] IKS	79.16
16	Mr. A V Wakchaure	[III] EM	87.88
17	Mrs. S G Wani	[III] CHEM	88.01
18	Mr. S H Lavate	[III] BXE	93.91

84	Mr. A S Warhekar	[XIV] PPS	86.67	86.92	86.80
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### 1.8 RESULT ANALYSIS

Term One					
Name of faculty	Class and Subject Taught	% passing	Name of faculty	Class and Subject Taught	% passing
S T Gade	Div-1 (EG)	85.07	S H Lavate	Div-8 (BXE)	67.16
Almas Ambreen	Div-1 (BEE)	53.73	Dr. S S Modhave	Div-8 (Chem)	58.82
Dr.M K Nikam	Div-1 (EM-I)	77.61	A V Wakchaure	Div-8 (EM)	67.16
U H Wanaskar	Div-1 (FPL)	71.64	Dr.A.B.Patil	Div-8 (EM-I)	71.64
Dr. S A Virkar	Div-1 (PHY)	79.1	M GGhodekar	Div-8 (FPL)	70.59
Swami M S	Div-2 (EG)	67.16	S. P. Bhosale	Div-9 (BXE)	61.19
K G Chaudhari	Div-2 (BEE)	47.06	S G Wani	Div-9 (Chem)	47.06
A. B. Thakare	Div-2 (EM-I)	79.41	M A D'Cruz	Div-9 (EM)	70.15
Ankita Gupta	Div-2 (FPL)	67.16	S T Surase	Div-9 (EM-I)	76.47
R M Deshmukh	Div-2 (PHY)	68.66	Kalpna Hangargi	Div-9 (FPL)	53.03
S. S. Khasbage	Div-3 (EG)	81.82	S H Lavate	Div-10 (BXE)	58.82
Almas Ambreen	Div-3 (BEE)	60.61	Dr. S S Modhave	Div-10 (Chem)	51.47
P S Gore	Div-3 (EM-I)	83.33	M A D'Cruz	Div-10 (EM)	70.59
B A Patil	Div-3 (FPL)	63.64	Dr.A.B.Patil	Div-10 (EM-I)	73.53
Dr. S A Virkar	Div-3 (PHY)	75.76	M GGhodekar	Div-10 (FPL)	71.64
S T Gade	Div-4 (EG)	81.54	A S Ubale	Div-11 (BXE)	57.58
K G Chaudhari	Div-4 (BEE)	53.03	S G Wani	Div-11 (Chem)	58.21
Dr.M K Nikam	Div-4 (EM-I)	75.76	A V Wakchaure	Div-11 (EM)	72.73
U H Wanaskar	Div-4 (FPL)	70.77	S T Surase	Div-11 (EM-I)	79.1
R M Deshmukh	Div-4 (PHY)	75.76	Shantanu Warkari	Div-11 (FPL)	80.3
A Y KAZI	Div-5 (BXE)	63.08	B S Bobdey	Div-12 (BEE)	51.47
Dr. V. S. Kalyani	Div-5 (Chem)	54.55	P G Kokare	Div-12 (EG)	70.59

S A Kothari	Div-5 (EM)	68.18	Ganesh Tungaskar	Div-12 (EM-I)	76.47
A. B. Thakare	Div-5 (EM-I)	78.79	Abhijeet Warhekar	Div-12 (FPL)	73.53
Ankita Gupta	Div-5 (FPL)	74.24	Dr. N N Shejwal	Div-12 (PHY)	79.41
S. P. Bhosale	Div-6 (BXE)	64.71	S S Patil	Div-13 (EG)	79.1
Dr D V Nighot	Div-6 (Chem)	51.47	Sandhya Ahire	Div-13 (BEE)	34.33
S B Patil	Div-6 (EM)	75	S T Surase	Div-13 (EM-I)	74.63
P S GORE	Div-6 (EM-I)	83.58	Kalpna Hangargi	Div-13 (FPL)	67.16
B A Patil	Div-6 (FPL)	67.65	Dr. S K Upasani	Div-13 (PHY)	71.64
A Y Kazi	Div-7 (BXE)	70.15	Sonawane V Y	Div-14 (EG)	81.25
Dr. V. S. Kalyani	Div-7 (Chem)	59.7	B S Bobdey	Div-14 (BEE)	53.13
S A Kothari	Div-7 (EM)	74.63	Ganesh Tungaskar	Div-14 (EM-I)	75.38
Ganesh Tungaskar	Div-7 (EM-I)	73.13	Abhijeet Warhekar	Div-14 (FPL)	76.56
Shantanu Warkari	Div-7 (FPL)	80.6	Dr. N N Shejwal	Div-14 (PHY)	81.54

Term Two					
Name of faculty	Class and Subject Taught	% passing	Name of faculty	Class and Subject Taught	% passing
A Y Kazi	Div-1 (BXE)	84.85	M SSwami	Div-8 (EG)	80.3
Dr D V Nighot	Div-1 (Chem)	70.77	Dr.A.B.Patil	Div-8 (EM-I)	53.03
S A Kothari	Div-1 (EM)	81.54	M GGhodekar	Div-8 (FPL)	71.21
U H Wanaskar	Div-1 (FPL)	78.46	Dr. S A Virkar	Div-8 (PHY)	77.61
S. P. Bhosale	Div-2 (BXE)	82.81	Almas Ambreen	Div-9 (BEE)	63.08
Dr. V. S. Kalyani	Div-2 (Chem)	70.31	Sonawane V Y	Div-9 (EG)	87.88
S B Patil	Div-2 (EM)	82.81	O K Deshmukh	Div-9 (EM-I)	57.58
A. B. Thakare	Div-2 (EM-I)	69.84	K S Hangargi	Div-9 (FPL)	70.77
Ankita Gupta	Div-2 (FPL)	82.81	Dr. S A Virkar	Div-9 (PHY)	70.15
Dr S H Lavate	Div-3 (BXE)	78.79	B S Bobdey	Div-10 (BEE)	68.18

S G Wani	Div-3 (Chem)	66.67	P G Kokare	Div-10 (EG)	72.73
A V Wakchaure	Div-3 (EM)	81.82	Dr.A.B.Patil	Div-10 (EM-I)	54.55
P S Gore	Div-3 (EM-I)	65.15	M GGhodekar	Div-10 (FPL)	71.88
B A Patil	Div-3 (FPL)	75.38	Dr. S K Upasani	Div-10 (PHY)	84.85
A S Ubale	Div-4 (BXE)	82.81	K G Chaudhari	Div-11 (BEE)	74.24
Dr. S S Modhave	Div-4 (Chem)	75.38	S T Gade	Div-11 (EG)	95.45
M A D'Cruz	Div-4 (EM)	84.62	S T Surase	Div-11 (EM-I)	65.15
U H Wanaskar	Div-4 (FPL)	85.71	S P Warkari	Div-11 (FPL)	77.27
Almas Ambreen	Div-5 (BEE)	67.69	R M Deshmukh	Div-11 (PHY)	86.36
S S Patil	Div-5 (EG)	95.38	A Y Kazi	Div-12 (BXE)	86.57
A. B. Thakare	Div-5 (EM-I)	67.69	Dr. V. S. Kalyani	Div-12 (Chem)	86.57
Ankita Gupta	Div-5 (FPL)	78.13	S A Kothari	Div-12 (EM)	86.57
Dr. N N Shejwal	Div-5 (PHY)	79.69	O K Deshmukh	Div-12 (EM-I)	59.7
B S Bobdey	Div-6 (BEE)	61.19	A S Warhekar	Div-12 (FPL)	82.09
S T Gade	Div-6 (EG)	94.03	S. P. Bhosale	Div-13 (BXE)	80.3
P S Gore	Div-6 (EM-I)	70.15	S G Wani	Div-13 (Chem)	68.18
B A Patil	Div-6 (FPL)	74.24	S B Patil	Div-13 (EM)	80.3
Dr. S K Upasani	Div-6 (PHY)	93.94	S T Surase	Div-13 (EM-I)	63.08
K G Chaudhari	Div-7 (BEE)	72.31	K S Hangargi	Div-13 (FPL)	74.24
S. S. Khasbage	Div-7 (EG)	92.31	Dr S H Lavate	Div-14 (BXE)	85.25
O K Deshmukh	Div-7 (EM-I)	67.69	Dr. S S Modhave	Div-14 (Chem)	81.97
S P Warkari	Div-7 (FPL)	83.08	A V Wakchaure	Div-14 (EM)	86.67
R M Deshmukh	Div-7 (PHY)	86.36	P S Gore	Div-14 (EM-I)	71.67
J D Pradhan	Div-8 (BEE)	60.61	A S Warhekar	Div-14 (FPL)	91.8

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

Term One												
Sr.No.	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	Div-1	67	35	7	22	6	0	0	0	6	35	61
2	Div-2	68	27	11	15	1	0	0	0	10	27	58
3	Div-3	67	26	4	16	6	0	0	0	6	26	61
4	Div-4	66	28	4	19	5	0	0	0	7	28	59
5	Div-5	67	27	7	9	10	1	0	0	7	27	60
6	Div-6	69	27	6	10	11	0	0	0	5	27	64
7	Div-7	67	35	5	14	15	1	0	0	4	35	63
8	Div-8	68	31	6	20	5	0	0	0	11	31	57

9	Div- 9	68	25	3	17	5	0	0	0	14	25	54
10	Div- 10	68	30	8	15	5	2	0	0	10	30	58
11	Div- 11	67	29	8	14	6	1	0	0	7	29	60
12	Div- 12	68	25	0	19	6	0	0	0	4	25	64
13	Div- 13	68	31	5	16	1	0	0	0	10	31	61
14	Div- 14	67	30	5	20	5	0	0	0	9	30	58
	Total	945	406	79	226	87	5	0	0	104	387	803

Term Two												
SN	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	Div- 1	67	36	7	25	4	0	0	0	5	36	62
2	Div- 2	65	40	11	20	9	0	0	0	8	40	57
3	Div- 3	66	33	5	16	12	0	0	0	2	33	64
4	Div- 4	66	32	6	22	4	0	0	0	4	32	62
5	Div- 5	65	36	9	15	12	0	0	0	5	36	60
6	Div- 6	67	33	7	13	12	1	0	0	3	33	64
7	Div- 7	67	37	6	17	14	0	0	0	4	37	63
8	Div- 8	67	26	9	14	3	0	0	0	5	26	62

9	Div-9	68	25	5	17	3	0	0	0	9	25	59
10	Div-10	66	31	8	16	6	1	0	0	5	31	61
11	Div-11	66	36	8	21	7	0	0	0	3	36	63
12	Div-12	67	32	1	20	11	0	0	0	3	32	64
13	Div-13	67	34	6	25	3	0	0	0	6	34	61
14	Div-14	63	37	8	21	8	0	0	0	5	37	58
	Total	927	468	96	262	108	2	0	0	67	468	860

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

Academic Year 2023 – 24			
Sr No	Name of the Ranker	Class	Rank
1	Kavathekar Ishan Kishorkumar	Comp-A	1
2	Navale Samruddhi Ajay	Comp-A	1
3	Suyash Sanjay Pustake	Comp-A	2
4	Thakur Harsh Prashant	Mech-B	2



5	Mukherjee Anish Sanjay	Comp-A	3
6	Hire Mandar Ravindra	Civil-A	3
7	Parkar Tanmay Satish	Comp-A	3
8	Malawe Devraj Makarand	Comp-A	3
9	Jamdar Atharva Dilip	Comp-B	3
10	Sawant Atharva Rakesh	Mech-B	3
11	Venkatesh Soni	Comp-A	4
12	Pagare Gaurav Sandeep	Comp-B	4
13	Sawant Hrutik Suresh	Comp-B	4
14	Hirave Akshay Dattatray	E&TC	4
15	Daye Sarthak Ravindra	Mech-A	4
16	Alok	Mech-A	4
17	Singh Amey Krishna Kumar	Comp-A	5
18	Patil Prathamesh Sunil	Comp-A	5
19	Jaysheel Girish Dodia	Comp-A	5
20	Wadhwani Sahil Harish	Comp-B	6
21	Digvijay Surendra Chavan	Mech-A	6
22	Pawar Vinit Nitin	Mech-B	6
23	Anurag Kishore Jadhav	Comp-B	7
24	Atre Chinmayee Mahesh	Comp-B	7
25	Agrawal Aditya Dilip	Comp-B	7
26	Bokade Pranav Mahesh	Comp-B	7
27	Harshad Sanjay Jathot	Comp-B	7
28	Kale Purnendu Prasad	Comp-B	8
29	Patil Yash Avinash	Comp-B	8
30	Wagh Shraddha Balasaheb	Comp-A	10

31	Dhangar Ganesh Bichappa	Mech-A	10
32	Phade Rushi Indrajit	Mech-B	10

Academic Year 2022-23			
Sr No	Name of the Ranker	Class	Rank
1	Sakshi Nilesh Amrutkar	Comp-A	9
2	Lonkar Gaurav Santosh	Comp-B	9

### FACULTY AND STAFF GROUP PHOTOS



## 2. FACULTY CONTRIBUTION

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

Term One		
SN	Name of Faculty	Awards & Recognitions
		NIL

Term Two		
SN	Name of Faculty	Awards & Recognition
1	S H Lavate	Awarded with Ph.D. Degree
2	Merilyn D'Cruz	Completed certification for all 8 NITTTR modules

## 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)
		NIL

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 B Patil	Delivered a session as a resource person in the One Day Workshop on “Engineering Mathematics-II” of First Year Engineering (2024 Pattern) NEP 2020 Complaint Curriculum Structure held on 22nd January, 2025 organized by KJEI’s KJ College of Engineering and Management Research, Pune.

## 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	Gade S T	Lectures on Systems In	Youtube	<a href="https://www.youtube.com/playlist?list=PLT">https://www.youtube.com/playlist?list=PLT</a>

		Mechanical Engineer		Vzmn5cPNf6F1FIImF0mooUgE8YngJW-
2	A Gupta	Lectures on Programming and Problem Solving,	Youtube	<a href="http://www.youtube.com/@AnkitaGupta-id2vj">www.youtube.com/@AnkitaGupta-id2vj</a>
3	B A Patil	Lectures on Programming Fundamentals and operating systems	YouTube	<a href="https://www.youtube.com/channel/UCOS0EfPVCHYM4nbcjUYgK5Q">https://www.youtube.com/channel/UCOS0EfPVCHYM4nbcjUYgK5Q</a>
4	S T Surase	Lectures on Engineering Mathematics	YouTube	<a href="http://www.youtube.com/@SudhirMaths-ve9hb">http://www.youtube.com/@SudhirMaths-ve9hb</a>
5	All FE Department Faculty	FE Subject Website	Google sites	<a href="http://bit.ly/aissms_coe">bit.ly/aissms_coe</a>
6	Dr. P. D. Baviskar	Lecture on Fuels	YouTube	<a href="https://www.youtube.com/watch?v=qGEml9m3S2Y">https://www.youtube.com/watch?v=qGEml9m3S2Y</a>
7	Mrs. M A D'Cruz	Videos on Engineering Mechanics	Youtube	<a href="https://www.youtube.com/channel/UCAaDRcM8WV-WL22723DCcgg/">link:https://www.youtube.com/channel/UCAaDRcM8WV-WL22723DCcgg/</a>
8	Mrs. M A D'Cruz	Inspirational Writings	Wordpress.com	<a href="https://theangelsecrets.wordpress.com/">https://theangelsecrets.wordpress.com/</a>
9	V Y Sonawane	Lectures on Systems In Mechanical Engineer	YouTube Google Classroom	@vishnusonawane2609 <a href="https://classroom.google.com/u/1/c/NTIzOTc2NjA2MjIy">https://classroom.google.com/u/1/c/NTIzOTc2NjA2MjIy</a>

Term Two				
Sr No.	Name of Faculty	Title of e-content	e-content development facility/platform	link of the content
1	Gade S T	Lectures on Engineering Graphics	Youtube	<a href="https://www.youtube.com/playlist?list=PLTVzmn5cPNf4lhs0HMXa1KTz9tvQ2DpA1">https://www.youtube.com/playlist?list=PLTVzmn5cPNf4lhs0HMXa1KTz9tvQ2DpA1</a>
2	S.T.Surase	Lectures on Engineering Mathematics	Youtube	<a href="http://www.youtube.com/@SudhirMaths-ve9hb">http://www.youtube.com/@SudhirMaths-ve9hb</a>
3	Dr A B Patil	Video Lectures on Engineering Mathematics	Youtube	<a href="https://www.youtube.com/@dramolpatil294">https://www.youtube.com/@dramolpatil294</a>
4	All FE Department Faculty	FE Subject Website	Google sites	<a href="http://bit.ly/aissms_coe">bit.ly/aissms_coe</a>
5	Mrs. M A D'Cruz	Videos on Engineering Mechanics	Youtube	<a href="https://www.youtube.com/channel/UCAaDRcM8WV-WL22723DCcgg/">link:https://www.youtube.com/channel/UCAaDRcM8WV-WL22723DCcgg/</a>
6	Mrs. M A D'Cruz	Inspirational Writings	Wordpress.com	<a href="https://theangelsecrets.wordpress.com/">https://theangelsecrets.wordpress.com/</a>
7	Mr.S S Patil	EG Videos	Youtube	<a href="https://www.youtube.com/@sumantpatil6161">https://www.youtube.com/@sumantpatil6161</a>
8	V Y Sonawane	Lectures on Systems in Mechanical Engineer	Youtube Google Classroom	<a href="https://www.youtube.com/@vishnusonawane2609">https://www.youtube.com/@vishnusonawane2609</a> <a href="https://classroom.google.com/u/1/c/NTIzOTc2NjA2MjIy">https://classroom.google.com/u/1/c/NTIzOTc2NjA2MjIy</a>

## 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 B Patil	One Week ISTE Approved Short Term Training Program (STTP) on “Applied Mathematics in Science and Engineering”	K JCollege of Engineering and Management Research, Pune	22/07/2024 to 26/07/2024
2	Dr A B Patil	Three Days STTP on “Development and Reconstruction to Empower Technical Teacher” held at NITTTR Extension Centre, Pune	NITTTR, Bhopal	12/08/2024 to 14/08/2024
3	M.G.Ghodekar	FDP on “Machine Learning and Artificial Intelligence”	PCCOR, Ravet, Pune	12/08/2024 to 19/08/2024
4	M.G.Ghodekar	FDP “Problem Solving Through Programming in C”	AICTE	July-Oct 2024
5	U.H.Wanaskar	AICTE ATAL FDP on “AI and digital technologies for sustainable health care and medical technologies”	AICTE ATAL	25/11/2024 to 30/11/2024
6	Merilyn D'Cruz	Successfully completed NITTTR Module 1: Orientation Towards Technical Education and Curriculum Aspects	AICTE	2 months
7	Merilyn D'Cruz	FDP on Design Thinking and Idea Labs	PVG’s College of Engineering and Technology &G.K. Pate (Wani) Institute of Mgmt., Pune	10/06/2024 to 14/06/2024
8	Merilyn D'Cruz	STTP on Question Paper Design for Outcome Based Curriculum	NITTTR Bhopal Extension Centre Pune	22/07/2024 to 26/07/2024
9	Sonal A Kothari	Successfully completed NITTTR Module 1: Orientation Towards Technical Education and Curriculum Aspects	AICTE	2 months
10	Sonal A Kothari	STTP on Use of ICT to build capacity of technical teachers	NITTTR Bhopal Extension Centre	24/06/2024 to 28/06/2024

			Pune	
11	Sonal A Kothari	STTP on Multidisciplinary education and research	NITTTR Bhopal Extension Centre Pune	10/06/2024 to 14/06/2024
12	Sonal A Kothari	Successfully completed Course on create charts and dashboards using microsoft excel	Coursera	Self-Paced Course
13	Sonal A Kothari	Successfully completed Course on Introduction to microsoft excel	Coursera	Self-Paced Course
14	S.B.Patil	Attended Five Days FDP on “Construction Safety”	Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering Nashik	28/07/2024 to 03/08/2024
15	V S Kalyani	Attended One week FDP on Recent trends in Computing 4.0	Vishvkarma Institute of Technology Pune	08/07/2024 to 13/07/2024
16	V S Kalyani	Attended faculty Orientation Workshop on Revised Engineering chemistry Syllabus NEP 2024 Pattern	Kashibai Nawale, College of Engineering Pune	21/08/2024
17	S G Wani	Attended faculty Orientation Workshop on Revised Engineering chemistry Syllabus NEP 2024 Pattern	Kashibai Nawale, College of Engineering Pune	21/08/2024
19	Dr. P. D. Baviskar	Faculty Development Program on Innovative Curricula: Aligning Higher Education with Industry Advancements	Amity School of Engineering and Technology	04/08/2024 to 10/08/2024.
20	Dr. P. D. Baviskar	Faculty Development Program on Professional Communication skills	Sinhagad Colleg Lonavala	04/09/2024 to 10/09/2024.
21	Dr. P. D. Baviskar	Faculty Orientation Workshop on “Engineering Chemistry of First Year Engineering [2024 Pattern]	SKNCOE, Pune	21/08/2024
22	Dr. P. D. Baviskar	One Week Lecture series on	Amity School	10/07/2024 to



		Bridging Academia and Industry: Exploring Innovations in Latest Trends and Technology	of Engineering and Technology	22/07/2024.
23	Dr S K Upasani	Niche areas of sustainable Development ISNASD 24	PVG's COET & GKPIOM Pune with IEEE, Energy swaraj foundation	02/09/2024 to 06/09/2024
24	Dr S K Upasani	STTP two weeks Research writing, funding proposal development and patent drafting	vidya vihar institute of technology purnea Bihar & RSP science coimbatore Tamil Naidu	08/07/2024 to 20/07/2024
25	Dr S K Upasani	ISTE approved FDP Indian knowledge Systems	Organised by Anantrao pawar college of Engineering & Research Pune	10/06/2024 to 14/06/2024
26	Dr S K Upasani	NEP 2020 Syllabus implementation workshop on Engineering Physics(2024 pattern)	Marathwada Mitra mandal Institute of technology Lohgaon Pune	12/08/2024
27	Dr. S.S.Modhave	Gen-AI and Prompt Engineering Using Microsoft Co-Pilot	D.Y. Patil Agriculture and Technical University Talsande – Maharashtra	16/09/2024 to 20/09/2024
28	Dr. S.S.Modhave	Machine Learning and Artificial Intelligence	PCCOE Ravet, Pune	12/08/2024 to 19/08/2024
29	V Y Sonawane	Basics of Mechanical Engineering -	NPTEL	Jul-Oct 2024
30	B S Bobdey	STTP on Multidisciplinary education and research	NITTTR Bhopal Extension Centre Pune	10/06/2024 to 14/06/2024
31	B S Bobdey	Module 5_ Technology Enabled Learning & Life Long Self	AICTE	2 months

		Learning		
32	V Y Sonawane	One Week FDP on Digital Transformation in Design and Manufacturing using Autodesk Fusion	Sinhgad College of Engineering, Vadagoan, Pune	26/08/2024 to 30/08/2024

Term Two				
S N	Name of Faculty	Title of the FDP/STTP	Organized by	Duration/ Dates
1	K G Choudhari	Advances in Engineering and Technology	VACOE, Ahilyanagar	10/02/2025 to 14/02/2025
2.	K G Choudhari	Semiconductor Fabrication Technology	Dr D Y patil international university, Akurdi	09/12/2024 to 14/12/2024
3.	K G Choudhari	Artificial intelligence and its application	JSPM University	10/06/2025 to 14/06/2025
4	M K Nikam	Advances in Engineering and Pune V Snology	VACOE, Ahilyanagar	10/02/2025 to 14/02/2025.
5	S.B.Patil	Advances in Engineering and Technology	VACOE, Ahilyanagar	10/02/2025 to 14/02/2025.
6	M.G.Ghodekar	FDP on “Empowering Research with Machine Learning”	NMIT	17/03/2025 to 21/03/2025
7	U.H.Wanaskar	FDP on “Electric Vehicle Technologies	PCCOER	17/3/2025 to 22/03/2025
8	O.K.Deshmukh	FDP on “AI Tools”	SAE, Kondhwa	17/02/2025 to 21/02/2025
9	S. G. Wani	FDP on “Advances in Engineering and Technology”	VACOE, Ahilyanagar	10/02/2025 to 14/02/2025.
10	Merilyn D'Cruz	Successfully completed NITTTR Module 6: Student Assessment and Evaluation	AICTE	2 months
11	Merilyn D'Cruz	Successfully completed NITTTR Module 8: Institutional Management and Administrative Procedures	AICTE	2 months
12	Merilyn D'Cruz	One week FDP on Role of Artificial Intelligence and Automation in Civil Engineering	D Y Patil Institute of Technology	24/03/2025 to 28/03/2025
13	Sonal A Kothari	Successfully completed NITTTR	AICTE	2 months

		Module 3: Communication skills, modes and knowledge dissemination		
14	Sonal A Kothari	Successfully completed NITTTR Module 8: Students assessment and evaluation	AICTE	2 months
15	Sonal A Kothari	STTP on Warehouse management	NITTTR Bhopal Extension Centre Pune	06/01/2025 to 10/01/2025
16	Sonal A Kothari	One week FDP on Role of Artificial Intelligence and Automation in Civil Engineering	D Y Patil Institute of Technology	24/03/2025 to 28/03/2025
17	Bhakti A Patil	One week FDP on Innovative Tools for Educators: Generative AI and Advanced Excel Mastery	GCOERC, Nashik	13/01/2025 to 18/01/2025
18	Bhakti A Patil	One Week ATAL FDP on Decoding AI's Impact on Society	AICTE ATAL and AISSMSCOE	06/01/2025 to 11/01/2025
19	Ankita Gupta	One week FDP on Innovative Tools for Educators: Generative AI and Advanced Excel Mastery	GCOERC, Nashik	13/01/2025 to 18/01/2025
20	Ankita Gupta	One Week ATAL FDP on Decoding AI's Impact on Society	AICTE ATAL and AISSMSCOE	06/01/2025 to 11/01/2025
21	Almas Ambreen	FDP on “Semiconductor Fabrication Technology”	D. Y. Patil International University, Akurdi, Pune	09/12/2024 to 14/12/2024
22	Almas Ambreen	FDP on “Academic and Industry Research Opportunities, Research Grants and Publications”	Marathwada Mitra Mandal's Institute of Technology (MMIT), Pune	16/12/2024 to 21/12/2024
23	Dr. P. D. Baviskar	Faculty Development Programme (FDP) on “Advances in Engineering and Technology”	VACOE, Ahilyanagar,	10/02/2025 to 14/02/2025.

24	Dr S K Upasani	Symposium on Emerging trends in 6 G technologies	AISSMS IOIT with IEEE	16/12/2024 to 20/12/2024
25	Dr. S.S. Modhave	Empowering Research with Machine Learning	Nutan Maharashtra Institute of Engineering and Technology	17/03/2025 to 21/03/2025
26	RMDeshmukh	Innovative Teaching Learning Practices for Engineering Education.	SND College of Maharashtra and Research center, Babbhulgaon, yeola.	20/01/2025 to 24/01/2025
27	V Y Sonawane	One Week FDP on Advances in Engineering and Technology	Vishwabharati Academy's College of Engineering, Ahilyanagar	10/02/2025 to 14/02/2025
28	Dr. S.S.Modhave	Semiconductor Fabrication Technology	D Y Patil International University,A kurdi, Pune	09/12/2024 to 14/12/2024
29	Dr. S.S.Modhave	“Academic and Industry Research Opportunities, Research Grants and Publications”	MMIT, Pune	16/12/2024 to 21/12/2024
30	S G Wani	Attended One week FDP on Academic and Industry Research Opportunities and Research Grants	MMIT Pune	16/12/2024 to 21/12/2024
31	V S Kalyani	Attended One week FDP on Warehouse management	NITTTR Bhopal	06/01/2025 to 10/01/2025
32	V S Kalyani	Attended One week FDP on Academic and Industry Research Opportunities and Research Grants	MMIT Pune	16/12/2024 to 21/12/2024
33	U.H.Wanaskar	AICTE ATAL FDP on “Next Gen Solutions for Medical Challenges Powered by AI Based Intelligent Systems”	AICTE ATAL	16/12/2024 to 21/12/2024
34	U.H.Wanaskar	FDP on “Revolutionary AI: Blending Generative Power With	VIT	16/12/2024 to 20/12/2024

		Learning Machines”		
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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 A B Patil	One Day Workshop on “Engineering Mathematics I” of First Year Engineering (2024 Pattern) NEP 2020 Compliant Curriculum Structure	I2IT, Pune in association with the Board of Studies in Engineering Sciences FoST, SPPU, Pune	10/08/2024
2	S. G.Wani	One Day Workshop on “Engineering Chemistry” of First Year Engineering (2024 Pattern) NEP 2020 Compliant Curriculum Structure	SKNCOE, Pune in association with Board of Studies (Engineering Sciences) , SPPU	21/08/2024
3	Dr. V S Kalyani	One Day Workshop on “Engineering Chemistry” of First Year Engineering (2024 Pattern) NEP 2020 Compliant Curriculum Structure	SKNCOE, Pune in association with Board of Studies (Engineering Sciences), SPPU	21/08/2024
4	Dr. P. D. Baviskar	The comments to editors and decision recommendations	Presented by Bert Blocken Elsevier Researcher Academy	03/10/2024
5	Dr. P. D. Baviskar	Diversity in peer review	Presented by Sanjana Balu, Shirin Heidari	28/12/2023

			Elsevier Researcher Academy	
6	Dr. S.S.Modhave	Engineering Chemistry of First Year Engineering [2024 Pattern]	Smt. Kashibai Navale College of Engineering, Pune	21/08/2024
7	Dr. S.S.Modhave	CANVA Design- Master Class	Madhu Educational Academy, AP., INDIA.	10/08/2024
8	Dr. S.S.Modhave	Chat GPT and AI Tools for effective Writing	A.C.T. Academy	14/08/2024 to 15/08/2024
9	R.M. Deshmukh	NEP 2020 Syllabus implementation for Engineering Physics (2024 Pattern)	MMIT, Pune	12/08/2024
10	V Y Sonawane	“Attaining Design and Engineering Excellence with Realistic MODSIM” Event.	Beacon-India	06/08/2024
11	V Y Sonawane	Attended syllabus revision one day Workshop SCOE for subject Engineering Graphics at SCOE Pune	SPPU Syllabus revision workshop as per NEP pattern	10/08/2024
12	V Y Sonawane	Attended syllabus revision one-day Workshop SCOE for subject Manufacturing Practice and workshop atPVGCOET Pune	SPPU Syllabus revision workshop as per NEP pattern	18/08/2024
13	V Y Sonawane	Attended syllabus revision one day Workshop SCOE for subject Design thinking Lab at PVGCOET Pune	SPPU Syllabus revision workshop as per NEP pattern	21/08/2024
14	V Y Sonawane	National Space Day Quiz, an initiative of Government India and Blog Competition Topic	National Space Mission for Sustainable Future of	17/10/2024

		"National Space Mission for Sustainable Future of Developed India".	Developed India".	
15	V Y Sonawane	Quality Bharat Pledge Cam and Blog Writing Competition Quality Bharat for A Sustainable Future.	Quality Council of (QCI) Government of India.	17/10/2024

Term Two				
S N	Name of Faculty	Title of the Seminar/Webinar	Organized By	Duration/ Dates
1	Dr A B Patil	One Day Faculty Orientation Workshop on "Engineering Mathematics-II" of First Year Engineering (2024 Pattern) NEP 2020 Compliant Curriculum	KJEI's K J College of Engineering and Management Research, Pune - 411048	22/01/2025
2	Dr A B Patil	One Day Workshop on "SE (Electrical Engineering) Syllabus Revision (2024 Pattern) as per NEP 2020" for the course - Engineering Mathematics-III	Sinhgad Institute of Technology, Lonavala in association with BOS, Electrical Engineering, SPPU, Pune	26/04/2025
3	Dr A B Patil	Faculty Orientation Workshop for SE (E&TC/Elex) Revised Syllabus Framing 2024 Course Under the aegis of Board of Studies Electronics & Telecommunication SPPU, Pune	Dept. of E & TC Engineering, AISSMS College of Engineering, Pune	28/04/2025
4	Dr A B Patil	One Day Workshop on "Syllabus Detailing - 2024 Pattern" for course of MDM205MEC Engineering Mathematics-III	Department of Mechanical Engineering, JSPM's Jayawantrao Sawant College	06/05/2025

			of Engineering, Hadapsar in association with BOS, Mechanical and Automobile Engineering under QIP	
5	Dr A B Patil	Faculty Orientation Workshop on Revised Syllabus Framing 2024 Pattern (NEP 2020) for SE Robotics & Automation Engineering / Production Engineering / Production Engineering - Sandwich / Industrial Engineering	Dept. of Robotics & Automation Engineering, AISSMS College of Engineering, Pune under the aegis of BOS, Production and Industrial Engineering, SPPU, Pune	29/05/2025
6	B S Suryavanshi	One day technical workshop on “Understanding Cables & Practices” By – Ravin Group	Department of Electrical Engineering	01/01/2025
7	K G Choudhari	One day technical workshop on “Understanding Cables & Practices” By – Ravin Group	Department of Electrical Engineering	01/01/2025
8	Almas Ambreen	One day technical workshop on “Understanding Cables & Practices” By – Ravin Group	Department of Electrical Engineering	01/01/2025
9	Dr. SSModhave	Mastering academic writing from research paper to Ph D Thesis	ACT Academy	19/03/2025
10	RM Deshmukh	Quantum Computing for the Next Generation: Exploring Opportunities	Willingdon College, Sangli	16/02/2025



11	R M Deshmukh	Research Methodology: A pragmatic Review of the Diverse Methods	Bhiwapur Mahavidyalaya	18/03/2025
12	R M Deshmukh	Accelerating Equity in Science	IQAC, Dept of Science, Jagar arts , Commerce and Science,Goregao n Gondia	11/02/2025

## 2.6 CONFERENCES/ SYMPOSIUMS ATTENDED BY THE DEPARTMENT FACULTY

Term One				
S N	Name of Faculty	Title of the Conference / Symposium	Organized By	Duration/ Dates
1	Dr A B Patil	National Conference on “Relevance of Chhatrapati Shivaji Maharaj in the 21st Century”	Department of Communication and Journalism, Department of Philosophy, and Board of Extra- Mural Studies, SPPU, Bharat Itihas Sanshodhak Mandal, Shri Shivaji Raigad Smarak Mandal	30/08/2024 to 31/08/2024
2	Dr A B Patil	Two Days International Multidisciplinary Conference on “Innovations & Global Perspectives on Humanities, Commerce & Management and Science & Technology” (IGPHCMST - 2024)	IQAC, Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi under the aegis of Pradhan Mantri Uchchatar Shiksha Abhiyan (PM-USHA)	29/11/2024 to 30/11/2024
3	S. G. Wani	One Day International Multidisciplinary Conference on Various Approaches and Current Issues in	College of Education, Jalgaon	01/09/2024

		Education		
4	S. G. Wani	Two Days International Conference on Multidisciplinary Research in Rural, Agriculture and Industry Development	Vikramaditya College, Jabalpur	17/11/2024 to 18/11/2024

Term Two				
S N	Name of Faculty	Title of the Conference / Symposium	Organized By	Duration/ Dates
1	Merilyn D'Cruz	International Conference on Sustainable Energy and Environment	BITS Pilani	08/03/2025 to 10/03/2025
2	Sonal Kothari	International Conference on Sustainable Energy and Environment	BITS Pilani	08/03/2025 to 10/03/2025
3	S. G. Wani	State-level conference on Recent Advances in Chemical, Biological, and Environmental Sciences	Organized by H J Thim College, Meharoon Jalgaon	28/02/2025

## 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	K G Choudhari	Sustainable Power Generation Systems	NPTEL	12Weeks
2	B S Suryavanshi	Sustainable Power Generation Systems	NPTEL	12Weeks
3	MGGhodekar	Problem Solving Through Programming in C	NPTEL	12Weeks
4	Merilyn D'Cruz	Module 1: Orientation Towards Technical Education and Curriculum Aspects	NITTTR	8 Weeks
5	Sonal Kothari	Module 1: Orientation Towards Technical Education and Curriculum Aspects	NITTTR	8 Weeks
6	Sonal A Kothari	Create charts and dashboards using microsoft excel	Coursera	-

7	Sonal A Kothari	Introduction to microsoft excel	Coursera	-
8	V S Kalyani	Module 2: Professional Ethics and Sustainable Development	NITTTR	8 Weeks
9	Dr. P D Baviskar	Module 1: Orientation Towards Technical Education and Curriculum Aspects	NITTTR	8 Weeks
10	V Y Sonawane	Basics of Mechanical Engineering -	NPTEL	12Weeks

Term Two				
S N	Name of Faculty	Title of the Course	Conducted By	Duration/ Dates
1	Dr A B Patil	Advanced Engineering Mathematics	NPTEL	Jan-Apr 2025 (12 weeks)
2	Merilyn D'Cruz	Module 6: Student Assessment and Evaluation	NITTTR	8 Weeks
3	Merilyn D'Cruz	Module 8: Institutional Management and Administrative Procedures	NITTTR	8 Weeks
4	Sonal A Kothari	Module 3: Communication skills, modes and knowledge dissemination	NITTTR	8 Weeks
5	Shital G Wani	Module 3: Communication skills, modes and knowledge dissemination	NITTTR	8 Weeks
6	Shital G Wani	Module 4: Instructional Planning and Delivery	NITTTR	8 Weeks
7	Shital G Wani	Module 5: Technology Enabled Learning and Life Long Self Learning	NITTTR	8 Weeks
8	Bhakti Patil	Module 1: Orientation Towards Technical Education and Curriculum Aspects	NITTTR	8 Weeks
9	Bhakti Patil	Module 5: Technology Enabled Learning and Life Long Self Learning	NITTTR	8 Weeks
10	Bhakti Patil	Module 7: Creative Problem Solving, Innovation and Meaningful R&D	NITTTR	8 Weeks
11	Ankita Gupta	Module 1: Orientation Towards Technical Education and Curriculum	NITTTR	8 Weeks

		Aspects		
12	Ankita Gupta	Module 5: Technology Enabled Learning and Life Long Self Learning	NITTTR	8 Weeks
13	Ankita Gupta	Module 7: Creative Problem Solving, Innovation and Meaningful R&D	NITTTR	8 Weeks
14	Almas Ambreen	Module 4: Instructional Planning and Delivery	NITTTR	8 Weeks
15	Almas Ambreen	Module 5: Technology Enabled Learning and Life Long Self Learning	NITTTR	8 Weeks
16	Almas Ambreen	Module 6: Student Assessment and Evaluation	NITTTR	8 Weeks
17	Almas Ambreen	Module 7: Creative Problem Solving, Innovation and Meaningful R&D	NITTTR	8 Weeks
18	Almas Ambreen	Module 8: Institutional Management and Administrative Procedures	NITTTR	8 Weeks
19	U.H. Wanaskar	Python for data science	NPTEL	4 Weeks
20	Dr.V S Kalyani	Module 3: Communication skills, modes and knowledge dissemination	NITTTR	8 Weeks
21	Dr.V S Kalyani	Module 4: Instructional Planning and Delivery	NITTTR	8 Weeks
22	Dr.V S Kalyani	Module 5: Technology Enabled Learning and Life Long Self Learning	NITTTR	8 Weeks

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

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

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

Term One				
S N	Name of Faculty	Title of Activity	Organizing body	Date

1	Bhakti Patil	Lectures on Computer Competency in FE Induction Program	AISSMS COE	10/09/2024 to 20/09/2024
2	Ankita Gupta	Lectures on Computer Competency in FE Induction Program	AISSMS COE	10/09/2024 to 20/09/2024
3	Merilyn D'Cruz	Delivered lectures on Media Liasoning in FE Induction Program	AISSMS COE	10/09/2024 to 20/09/2024

Term Two				
S N	Name of Faculty	Title of Activity	Organizing body	Date
1	Dr A B Patil	Resource person in the One Day Workshop on “Engineering Mathematics-II” of First Year Engineering (2024 Pattern) NEP 2020 Complaint Curriculum Structure	KJEl’s KJ College of Engineering and Management Research, Pune	22/01/2025

### Photographs of faculty contribution



Faculty as a Resource Person



STTP Attended by Faculty



NITTT Course Completed by Faculty



Conference attended by Faculty

# 3.ACTIVITIES ORGANIZED

### 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 Participan ts	Funding Agency (If any) and Amount (Rs.)
1	K G Choudhari B S Suryavanshi Almas Ambreen	“Revised Curriculum for Basic Electrical Engineering(2024 Pattern) ESC-102- ELE	12/08/2024	80	
2	Merilyn D’Cruz Sonal A Kothari Suvidha Patil Ajit Wakchaure	“Engineering Mechanics in context of NEP 2020”	23/08/2024	150+	

Term Two					
S N	Name of Coordinator/s	Title of the Seminar/Webinar	Duration/ Dates	No. of Participan ts	Funding Agency (If any) and Amount (Rs.)
1	Bhakti Patil & Ankita Gupta	Career Guidance in Cybersecurity	18/03/2025	120+	

### 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	A B Thakare	Yoga Session by Bharatiy Yoga Sanstha	10/09/2024 to 20/09/2024	432
2	A B Thakare	Session on CPR and First Aid by Dr. Shilpa Natu	10/09/2024 to 20/09/2024	380
3	A B Thakare	Session on Human Values by Dr. Mahesh Kolte	10/09/2024 to 20/09/2024	445
4	A B Thakare	Motivational Talk by B. Sathyaprakash	10/09/2024 to 20/09/2024	478



5	A B Thakare	Session on Healthcare by Dr. Vaibhav Lunkad	10/09/2024 to 20/09/2024	410
6	A B Thakare	Fire Brigade session by Mr.Kamlesh Choudhary	20/09/2024	379

### 3.7 SOCIAL ACTIVITIES ORGANISED

Term One			
Faculty coordinator	Name of Activity	Date, Duration	Number of students involved
Dr. N N Shejwal	Yoga Day Celebration	21/06/2024	75

Term Two			
Faculty coordinator	Name of Activity	Date, Duration	Number of students involved
Dr. PD Baviskar	Students Health Checkup Camp	05 days	All FE and DSE students

### 3.8 PARENT MEETING

Faculty Coordinator	Day and Date	Details of Parent meetings organized	Number of Parents attended
FE Department	28/03/2025	First Semester result and student overall progress discussion with parents	120

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

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

## Photographs related to different activities organized

### STUDENT INDUCTION PROGRAM



Social Visit to Matoshree Vridhhashram



Session on Yoga

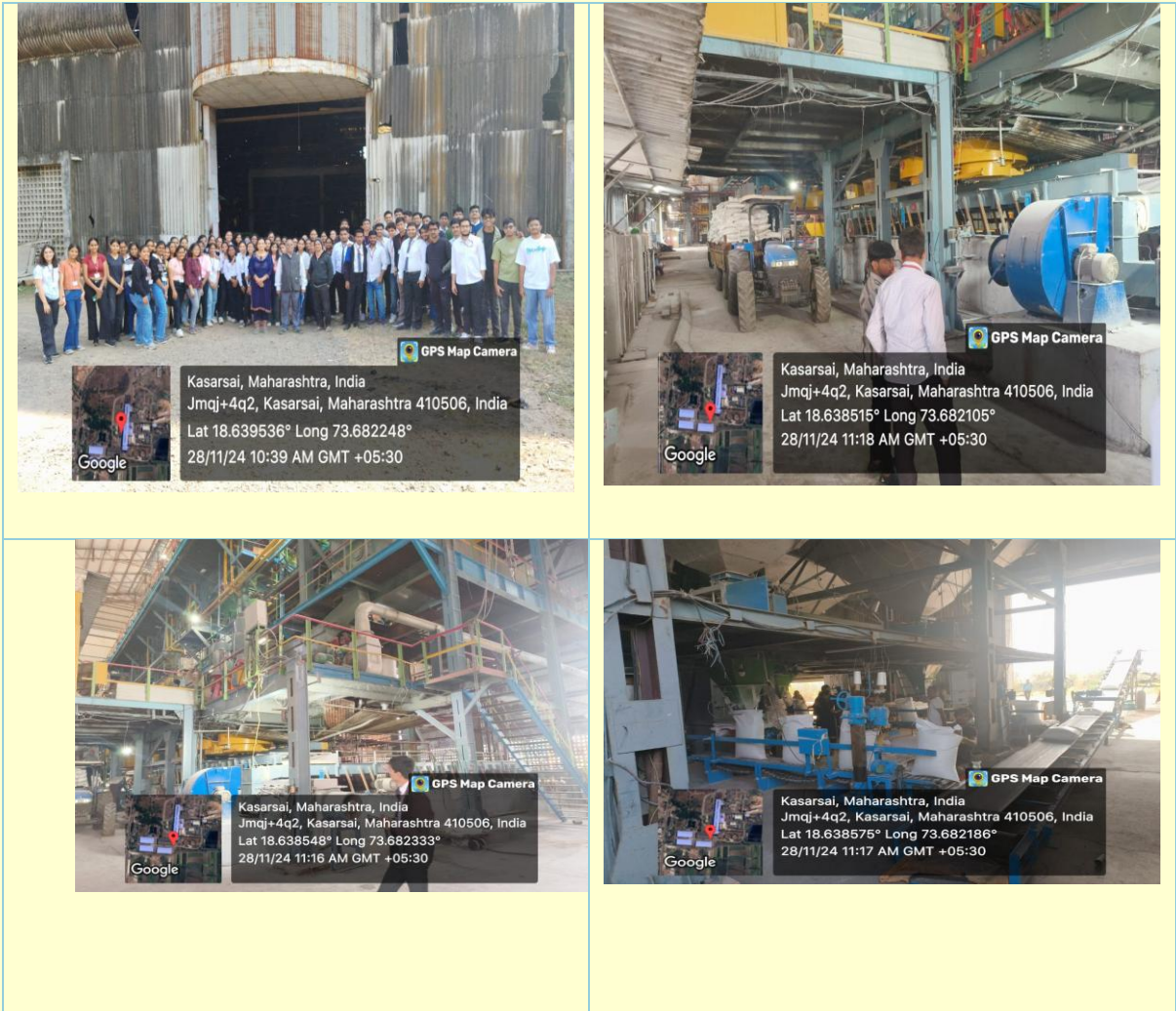


Session on CPR and First Aid



Fire Drill Session by Fire Brigade, Pune

**Industrial Visit to Shri Sant Tukaram Sahakari Sakhar Ltd., Kasarsai-Darumbre,  
Post –Kasarsai, Tal-Mulshi, Dist. Pune. Pin – 410 506**



# 4.RESEARCH CONTRIBUTION

#### 4.1 FUNDED RESEARCH PROJECTS

##### FUNDING RECEIVED FOR ANY OTHER ACTIVITY

Term One				
S N	Faculty Coordinator	Title of the activity	Amount Received (Rs)	Funding Agency

Term Two				
S N	Faculty Coordinator	Title of the activity	Amount Received (Rs)	Funding Agency

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

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

TOTAL PATENTS DETAILS OF THE DEPARTMENT					
Sr. No.	Faculty Coordinator	Title of patent	Status		
			Date of Filing	Date of Publication / Grant	National / International
1					



## 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 A B Patil	Coefficient estimates on new subclasses of bi-univalent functions associated with quasi-subordFeasibility	2024	International Multidisciplinary Conference on “Innovations & Global Perspectives on Humanities, Commerce & Management and Science & Technology” (IGPHCMST - 2024)	(only presented)	IQAC, Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi under the aegis of (PM-USHA)
2	V S Kalyani	Feasibility Study Of Biodiesel Production By Transesterification Of Selected Variety Of Oils (Waste Cooking Oil)	2024	4 <sup>th</sup> Hybrid National Conference on “Innovation in Engineering & Technology (NCIET- 2024)	Presented	AISSMS COE Pune

Term Two						
S. No	Authors	Document Details	Year	Conference Details	ISBN	Organized by
1	Merilyn D'Cruz	Assessing PM <sub>2.5</sub> trends in India through Statistical Downscaling of GCM and Satellite Data	March 2025	International Conference on Sustainable Energy and Environment	(publishing in process)	BITS Pilani Goa
2	Sonal Kothari	Mendha Sub-Basin, Northeast Rajasthan: Evaluating And Forecasting Ground Water Resources Using MODFLOW MODELING	March 2025	International Conference on Sustainable Energy and Environment	(publishing in process)	BITS Pilani
3	Merilyn D'Cruz	Predicting PM <sub>2.5</sub> under Climate Change: an ANN approach for Indian cities under CMIP6 Simulations	March 2025	International Conference on Sustainable Energy and Environment	(publishing in process)	BITS Pilani Goa
4	Ankita Gupta	The Future of Energy Management: An AI Driven Intelligent Agent	April 2025	NCIET2025	(Presented and Paper published in Peer Reviewed Journal)	AISSMS COE

#### 4.5 PAPERS PUBLISHED IN JOURNALS

Term One						
S. No	Authors	Document Details	Year	Source Details	ISBN/ISSN	Publisher
1	Shital G. Wani	Nutritional Composition of Grand-9 Tender Banana Pseudostem Wheat Flour Biscuits	July 2024	TANZ	1869-7720	<a href="https://tanzj.net/wp-content/uploads/2024/07/TJ-1699.pdf">https://tanzj.net/wp-content/uploads/2024/07/TJ-1699.pdf</a>
2	Dr. P D Baviskar	Comparative analysis of Adsorption of Acetic Acid by Banana Pseudostem and Commercial wood Charcol	2024	IJSR	2319-7064	
3	Bhakti Patil	Predicting Stock Market Trends Using Deep Long Short-Term Memory	November 2024	Journal Of Technology	1012-3407	Journal Of Technology
4	Ankita Gupta	Market Place for Domestic Workers in India	January 2025	Journal Of Technology	1012-3407	Journal Of Technology
5	Dr. S. S. Modhave	Removal of Cr(VI) from effluent by Chemical Method	July 2024	International Journal of Advanced and Applied Research	2347-7075	IJAAR
6	Dr A B Patil	Vertex	March	IJARSE	2319-	IJARSE



		Domination in Graph Theory, Exploring Theory and Application	2024		8346	
7	A B Thakare	Constructive Approaches for Analyzing Partial Linear Differential Operators on Finite Intervals: A Comprehensive Study	Nov 2024	JBSAE	1005-0930	JBSAE
8	A B Thakare	Constructive Framework for Analysing Partial Linear Differential Operators on Finite Intervals under Varied Boundary Conditions	Dec 2024	JBSAE	1005-0930	JBSAE

Term Two						
S. No	Authors	Document Details	Year	Source Details	ISBN / ISSN	Publisher
1	Dr A B Patil	Utilizing The Max-Flow Min-Cut Theorem: Ford-Fulkerson Algorithm for Traffic Congestion Management	2025	Panamerican Mathematical Journal Vol 35 No. 2s (2025)	ISSN : 1064-9735	<a href="https://internationalpubls.com">https://internationalpubls.com</a>
2	Dr A B Patil	Coefficient Estimates on a New Subclasses of Bi-Univalent Functions defined Using Opoola Differential Operator and Associated with Quasi-Subordination	2025	International Journal for Multidisciplinary Research (IJFMR) Volume 7, Issue 1, January-February 2025	E-ISSN : 2582-2160	<a href="http://www.ijfmr.com">www.ijfmr.com</a>
3	Shital G. Wani	Organic Production and Characterization of paper from Banana Pseudostem Fiber for Ecofriendly and Concrete Benefits”	March 2025	International Journal of Science and Research (IJSR)	2319-7064	<a href="http://www.ijsr.net">www.ijsr.net</a>
4	Shital G. Wani	Comparative	May	International	2319-	<a href="http://www.ijsr.net">www.ijsr.net</a>

		Analysis of Adsorption of Acetic Acid by Banana Pseudostem and Wood Charcoal” International Journal of Science and Research (IJSR)	2025	l Journal of Science and Research (IJSR)	7064	et
5	Ankita Gupta	SERW: Hyper-Local domestic Services with ML and Incentive Design	June 2025	JETM	1879-1719	JETM (Elsevier)
6	Bhakti Patil	Prediction of Stock Market Trends Using Deep Long ShortTerm Memory Networks	June 2025	JETM	1879-1719	JETM (Elsevier)
7	Ankita Gupta	The Future of Energy Management: An AI Driven Intelligent Agent	May 2025	IJRSET	2347-6710	IJRSET
8	Dr. S S Modhave	Village water survey of various parameters of different soil sample	May 2025	JR&D	2230-9578	JR&D
9	Dr. N N Shejwal	Ag-modified La-	April	JSSE	2958-	JSSE

		succinate composite as a novel electrochemical sensor for Hg <sup>2+</sup> ion detection	2025		1532	
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#### 4.6 BOOK / ARTICLE PUBLICATIONS

Term One				
Author	Title of the Book	Published by	ISBN	Year
Engineering Physics Faculty	Laboratory Manual of Engineering Physics	AISSMSCOE	-	2024-25
Engineering Chemistry Faculty	Laboratory Manual of Engineering Chemistry	AISSMSCOE	-	2024-25
Engineering Mechanics Faculty	Laboratory Manual of Engineering Mechanics	AISSMSCOE	-	2024-25
Engineering Mathematics Faculty	Laboratory Manual of Engineering Mathematics-I	AISSMSCOE	-	2024-25
Engineering Mathematics Faculty	Laboratory Manual of Engineering Mathematics-II	AISSMSCOE	-	2024-25
Basic Electrical Engineering Faculty	Laboratory Manual of Basic Electrical Engineering	AISSMSCOE	-	2024-25
Basic Electronics Engineering Faculty	Laboratory Manual of Basic Electronics Engineering	AISSMSCOE	-	2024-25
Fundamentals of Programming Languages Faculty	Laboratory Manual of Fundamentals of Programming Languages	AISSMSCOE	-	2024-25
Programming and Problem-Solving Faculty	Laboratory Manual of Programming and Problem-Solving	AISSMSCOE	-	2024-25

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

Name of faculty	Citations	h-index	i10 index
Dr. D V Nighot	350	6	6
Dr. S K Upasani	19	1	1
Dr. N N Shejwal	90	5	3
Dr. A B Patil	136	6	5
Prof. S H Lavate	71	4	3
Dr Shalaka Virkar	616	6	6
Prof. S S Patil	3	1	0
Prof. S S Khasbage	39	3	2
Prof. B A Patil	50	4	2
Dr. P D Baviskar	2	1	0
Prof. A A Gupta	106	6	6
Dr. V S Kalyani	106	6	3
U. H. Wanaskar	47	1	1
Almas Ambreen	4	2	0
S T Gade	1	1	0
B S Suryavanshi	6	1	0

Total Citations of Department: 1646

## 4.9 Ph.D. GUIDE DETAILS

Name of Faculty who are PhD Supervisor	Number of Scholars Registered
Dr. D V Nighot	-
Dr. A B Patil	-

## Photographs/proofs related to different activities organized under research, innovation

<p>International Journal of Science and Research (IJSR) ISSN: 2319-7064 Impact Factor 2024: 7.181</p> <p><b>Organic Production and Characterization of Paper from Banana Pseudostem Fiber for Ecofriendly and Concrete Benefits</b></p> <p>Shital Wani<sup>1</sup>, Dipak Patil<sup>2</sup>, Chetan Zope<sup>3</sup></p> <p><sup>1</sup>Sardar Vallabhbhai Patel Arts and Science College, Aimpur, Dist. Jalgaon (M.S.) India Email: shitalwani@ajgami.com</p> <p><sup>2</sup>Sardar Vallabhbhai Patel Arts and Science College, Aimpur, Dist. Jalgaon (M.S.) India</p> <p><sup>3</sup>Yashprabhu Eco Agri Products, Jalgaon, Maharashtra, India.</p> <p><b>Abstract:</b> In a world, increasingly conscious of sustainability and eco-friendly alternatives, banana fiber paper (BFP) has emerged as a fascinating and innovative solution. This article delves into the world of BFP, offering countless benefits that set it apart from traditional wood pulp paper. The natural strength of banana fibers results in a paper that makes them durable, long-lasting, biodegradable, eco-friendly, and usable for various applications. A study was conducted to develop organic paper from banana pseudostem fiber with negligible use of chemicals. Tensile strength analysis of banana pseudostem fiber paper clarifies that a maximum peak load of 28.11 N was observed at the speed of 100 mm/min. The minimum peak load of 5.58 N was observed at the speed of 40 mm/min. According to the observation, the average peak pressure the paper can withstand in the punch burst test is 0.548 kg/cm<sup>2</sup>. The water contact angle of the paper was assessed using the sessile drop method with a Drop Shape Analyzer (DSA423-KRUSS GmbH). A water droplet (20 µL) was deposited onto the sample surface at ambient temperature. The contact angle was less than 90 showing the hydrophilic nature of paper, the lower the contact angle higher the wettability. BFP is an eco-friendly which can be used for food packaging, preserving old documents, and printing.</p> <p><b>Keywords:</b> Banana fiber, cellulosic paper, tensile strength, punch burst strength, contact angle</p> <p><b>1. Introduction</b></p> <p>Banana is one of the important fruit crops grown in almost every state of India. Apart from fruit, it generates a huge quantity of biomass as waste in the form of pseudostem. Banana pseudostem can be utilized for the preparation of charcoal, the banana fiber paper etc [1]. Banana pseudostem central core flour (BPF) is rich in dietary fiber and minerals.</p> <p>WBF were lower than extracted banana fiber, but still acceptable for handmade paper [6].</p> <p>Banana stem waste can be used to produce Kraft paper due to its majestic properties. Banana stems have low lignin content and long cellulose fibers reduce the demand for chemicals and energy in processing. The chemical and physical treatment used for the fiber extraction process [7].</p>	<p>International Journal of Advance and Applied Research www.ijaar.co.in ISSN - 2347-7075 Peer Reviewed Vol.5 No. 27</p> <p>Impact Factor - 8.141 Bi-Monthly July-Aug 2024</p> <p><b>Removal of Cr (VI) from effluent by Chemical method</b></p> <p>Dr. Sujata S. Modhavi<sup>1</sup>, Dr. Dipak Nighot<sup>2</sup>, Mrs. Shital Wani<sup>3</sup></p> <p><sup>1,2,3</sup> AISSMS, College of Engineering, Pune 411 001 (Affiliated to SPPU), India</p> <p>Corresponding Author- Dr. Sujata S. Modhavi E-mail: modhavesujata@gmail.com</p> <p><b>Abstract:</b></p> <p>In effluent sample, identification of Cr (VI) was done by spectroscopic and volumetric methods. In spectrophotometric method used Diphenyl carbazide reagent (Volgel, 1964). In volumetric method iodometric titration was used, and when analysis of electroplating effluent was carried out the concentration of Cr (VI) was 71.70 and pH 1.51. With the help of UV-Visible spectrophotometer, concluded that effluent having Cr (VI) in dichromate form in effluent. In first step Cr (VI) is convert to Cr (III) by using FeSO<sub>4</sub> . 5H<sub>2</sub>O. Throughout this process different parameters are affecting reduction reaction such as Effect dose of reducing agent, effect of pH, effect of amount of reducing agent, period required for achievement of reaction, effect of temperature, effect of stirring rate, etc. This reducing agents are effectively used for reduction of Cr (VI) to Cr(III). In the next step, comprehensive generalization of Cr (III) from resultant solution treated with FeSO<sub>4</sub> . 5H<sub>2</sub>O reducing agent was tried by using activated charcoal. We observed that pH at which Cr (III) get completely reduced at pH 6.5 on activated charcoal as an adsorbent. In presence of activated charcoal as a adsorbent nearly 99.98 % removal was achieved without oxidation of Cr (III) to Cr (VI).</p> <p><b>Keywords:</b> Chromium; reduction; electroplating effluents; removal</p> <p><b>Introduction:</b></p> <p>In daily routing we face various problems for survival; out of this environmental problem is a big issue. Which is one of the important and effective factors for the human being? Environment pollution problem is not only affected developing</p> <p>get exposed to high level of chromium. Chromium inhaled get localized in lung, liver, kidney, spleen, bone marrow, cell, etc. (ATSDR; 1989). Cr(VI) act upon our body at the point of contact. This is due strong oxidizing nature of Cr(VI). Hexavalent chromium is transported to cell membrane easily</p>
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Paper Published by Faculty

Paper Published by Faculty

# 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	VY Sonawane and S S Patil along with all FE Faculty	Div A 68	Industrial Visit coordinated to Shri Sant Tukaram Sugar Factory, Kasarsai.	28/11/2024
2	V Y Sonawane and S S Patil along with all FE Faculty	Div B 65	Industrial Visit coordinated to Shri Sant Tukaram Sugar Factory, Kasarsai	28/11/2024
3	V Y Sonawane and S S Patil along with all FE Faculty	Div C 67	Industrial Visit coordinated to Shri Sant Tukaram Sugar Factory, Kasarsai	29/11/2024
4	V Y Sonawane and S S Patil along with all FE Faculty	Div D 67	Industrial Visit coordinated to Shri Sant Tukaram Sugar Factory, Kasarsai	29/11/2024
5	V Y Sonawane and S S Patil along with all FE Faculty	Div L 67	Industrial Visit coordinated to Shri Sant Tukaram Sugar Factory, Kasarsai	02/12/2024
6	V Y Sonawane and S S Patil along with all FE Faculty	Div M 65	Industrial Visit coordinated to Shri Sant Tukaram Sugar Factory, Kasarsai	02/12/2024
7	V Y Sonawane and S S Patil along with all FE Faculty	Div N 63	Industrial Visit coordinated to Shri Sant Tukaram Sugar Factory, Kasarsai	04/12/2024

Term Two				
Sr. No.	Faculty Coordinator	Class and Number of students attended	Industry Name and Address	Date of visit
1	V Y Sonawane and S S Patil along with all FE Faculty	FE 71	Industrial Visit at Shri Sant Tukaram Sugar Factory, Kasarsai.	25/03/2025
2	V Y Sonawane and S S Patil along with all FE Faculty	FE 68	AISSMS, ITI, Boribhadak, Daund, Pune	26/03/2025
3	V Y Sonawane and S S Patil along with all FE Faculty	FE 69	Katraj Dairy Pune	27/03/2025
4	V Y Sonawane and S S Patil along with all FE Faculty	FE 71	Pimpri Chinchwad Science Park, Chinchwad, Pune	28/03/2025

#### 5.2 EXPERT LECTURES / WEBINARS DELIVERED BY INDUSTRY EXPERTS

Term Two					
Sr. No.	Faculty Coordinator	Class (Number of students attended)	Name, Industry, designation and contact details of Expert	Topic	Date
1	Ankita Gupta Bhakti Patil	FE Div V and VI 120 students	Mr.Sanjay Bhargava	Career Guidance in Cybersecurity	18/03/2025



### 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
NA			

### 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	Dr. D V Nighot	C-MET, Pune	07/11/2022	07/11/2027
2	Bhakti Patil Ankita Gupta	Tech Amplifiers Pvt Ltd	12/10/2022	12/10/2027
3	Monika Ghodekar	NASSCOM	01/04/2024	31/03/2025
4	R S Dudhmal	Veda Edu Consultants	03/11/2023	03/11/2028

Term Two				
Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto (00/00/0000)
1	Dr. D V Nighot	C-MET, Pune	07/11/2022	07/11/2027
2	Bhakti Patil Ankita Gupta	Tech Amplifiers Pvt Ltd	12/10/2022	12/10/2027
3	Monika Ghodekar	NASSCOM	01/04/2024	31/03/2025
4	R S Dudhmal	Veda Edu Consultants	03/11/2023	03/11/2028

### 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			

# 6. STUDENTS' ACHIEVEMENTS

### 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)
Shivaji Trophy	Dr. M M Kondhare	Puru Pustode participated in Shivaji Trophy Cricket tournament	Sports
Shivaji Trophy	Dr. M M Kondhare	Sarthak Sadavarte participated in Shivaji Trophy Cricket tournament	Sports
Shivaji Trophy	Dr. M M Kondhare	Harsh Sakhare participated in Shivaji Trophy Cricket tournament	Sports
Shivaji Trophy	Dr. M M Kondhare	Apoorv Verma participated in Shivaji Trophy Cricket tournament	Sports
PACE AIT	Dr. M M Kondhare	Karan Gole participated in PACE AIT Kabaddi tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Karan Gole participated in Shahu Krida Mahotsav Kabaddi tournament	Sports
ZEST25	Dr. M M Kondhare	Karan Gole participated in ZEST25 Kabaddi tournament	Sports
PACE AIT	Dr. M M Kondhare	Rajvardhan Panchare participated in PACE AIT Kabaddi tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Rajvardhan Panchare participated in Shahu Krida Mahotsav Kabaddi tournament	Sports
ZEST25	Dr. M M Kondhare	Rajvardhan Panchare participated in ZEST25 Kabaddi tournament	Sports
PACE AIT	Dr. M M Kondhare	Yash Dhone participated in PACE AIT Kabaddi tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Yash Dhone participated in Shahu Krida Mahotsav Kabaddi tournament	Sports
ZEST25	Dr. M M Kondhare	Yash Dhone participated in ZEST25 Kabaddi tournament	Sports
PACE AIT	Dr. M M Kondhare	Vinayak Raut participated in PACE AIT Kabaddi tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Vinayak Raut participated in Shahu Krida Mahotsav Kabaddi tournament	Sports
ZEST25	Dr. M M Kondhare	Vinayak Raut participated in ZEST25 Kabaddi tournament	Sports
PACE AIT	Dr. M M Kondhare	Sarthak Akhade participated in PACE AIT Kabaddi tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Sarthak Akhade participated in Shahu Krida Mahotsav Kabaddi tournament	Sports
ZEST25	Dr. M M Kondhare	Sarthak Akhade participated in ZEST25 Kabaddi tournament	Sports
PACE AIT	Dr. M M Kondhare	Vilas Pawale participated in PACE AIT Kabaddi tournament	Sports
Shahu Krida	Dr. M M Kondhare	Vilas Pawale participated in Shahu Krida	Sports

Mahotsav		Mahotsav Kabaddi tournament	
ZEST25	Dr. M M Kondhare	Vilas Pawale participated in ZEST25 Kabaddi tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Sushant Dhumal participated in Shahu Krida Mahotsav Kabaddi tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Sanket Mishra participated in Shahu Krida Mahotsav Kabaddi tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Aditya Pawar participated in Shahu Krida Mahotsav Kabaddi tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Anuj Mane participated in Shahu Krida Mahotsav Football tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Aryan Singh participated in Shahu Krida Mahotsav Football tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Advait Kakade participated in Shahu Krida Mahotsav Football tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Arjun Jadhav participated in Shahu Krida Mahotsav Football tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Maaz Khan participated in Shahu Krida Mahotsav Football tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Sai Babar participated in Shahu Krida Mahotsav Football tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Vedant Thorat participated in Shahu Krida Mahotsav Football tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Tejas Jape participated in Shahu Krida Mahotsav Football tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Surajdeep Patil participated in Shahu Krida Mahotsav Football tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Harshada Gokhale participated in Shahu Krida Mahotsav Volleyball tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Avishkar Dhumal participated in Shahu Krida Mahotsav Volleyball tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Ranajit Landge participated in Shahu Krida Mahotsav Volleyball tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Durgesh Deshmukh participated in Shahu Krida Mahotsav Volleyball tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Om Murkute participated in Shahu Krida Mahotsav Volleyball tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Charudatta Nagne participated in Shahu Krida Mahotsav Volleyball tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Manas Gadadhare participated in Shahu Krida Mahotsav Volleyball tournament	Sports
Shahu Krida Mahotsav	Dr. M M Kondhare	Om Gaikwad participated in Shahu Krida Mahotsav Volleyball tournament	Sports
E-Baja	Dr. A A Apte	Soham Ingawale worked as Team member	Electrical Engineering
E-Baja	Dr. A A Apte	Om Shelke worked as Team member	Electrical Engineering
E-Baja	Dr. A A Apte	Shrey Vairal worked as Team member	Electrical Engineering

E-Baja	Dr. A A Apte	Shrikant Shinde worked as Team member	Electrical Engineering
E-Baja	Dr. A A Apte	Jaywant Deshpande worked as Team member	Electrical Engineering
E-Baja	Dr. A A Apte	Piyush Jadhav worked as Team member	Electrical Engineering
Firodiya Karandak	Dr. K N Kulkarni	Vaishnavi Pokmare-Team Member	Cultural
Firodiya Karandak	Dr. K N Kulkarni	Shreeya More-Team Member	Cultural
Firodiya Karandak	Dr. K N Kulkarni	Shravani Jagtap-Team Member	Cultural
Firodiya Karandak	Dr. K N Kulkarni	Sakshi Badave-Team Member	Cultural
Firodiya Karandak	Dr. K N Kulkarni	Ruchika Mali-Team Member	Cultural
Firodiya Karandak	Dr. K N Kulkarni	Rajvardhan Ghosale-Team Member	Cultural
Firodiya Karandak	Dr. K N Kulkarni	Pranavi Jarande-Team Member	Cultural
Firodiya Karandak	Dr. K N Kulkarni	Mohit Mane-Team Member	Cultural
Firodiya Karandak	Dr. K N Kulkarni	Khushbu Brijpuria-Team Member	Cultural
Firodiya Karandak	Dr. K N Kulkarni	Himanshu Rawal-Team Member	Cultural
Firodiya Karandak	Dr. K N Kulkarni	Arnav Nikam-Team Member	Cultural
Firodiya Karandak	Dr. K N Kulkarni	Afsha Hundekar-Team Member	Cultural
Firodiya Karandak	Dr. K N Kulkarni	Aditya Wadekar-Team Member	Cultural
Firodiya Karandak	Dr. K N Kulkarni	Abhiraj Deshmukh-Team Member	Cultural
Firodiya Karandak	Dr. K N Kulkarni	Aarti Gurunath-Team Member	Cultural
Firodiya Karandak	Dr. K N Kulkarni	Varad Shelke-Team Member	Cultural
Firodiya Karandak	Dr. K N Kulkarni	Sudhendu Bhale-Team Member	Cultural
Firodiya Karandak	Dr. K N Kulkarni	Siddhant Salve-Team Member	Cultural
Firodiya Karandak	Dr. K N Kulkarni	Jai Kumar Singh-Team Member	Cultural
Firodiya Karandak	Dr. K N Kulkarni	Anushka Dhulap-Team Member	Cultural
Firodiya Karandak	Dr. K N Kulkarni	Gaurav Dahihande-Team Member	Cultural
Firodiya	Dr. K N Kulkarni	Samiksha Khatale-Team Member	Cultural

# 7. SUMMARY AND SWOC ANALYSIS

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

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& Competition and cash prizes to motivate students

2.Focusing on improving the performance of weaker students  
Extra efforts by faculties for difficult subjects.

7.5 MAJOR GRIEVANCES OF STUDENTS (IF ANY) REDRESSED

NA

7.6 SWOC ANALYSIS

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

Strengths:

1	Experienced and Qualified Faculties
2	Effective Teaching Learning Process
3	Well Organized academic monitoring system
4	Effective Mentoring system

Weaknesses:

1	Less Publications and Patents
2	Inadequate Classrooms and Laboratories
3	Sparse Industry Institute Interaction



#### Opportunities:

1	To get Autonomy Institute status
2	Scope to fetch more funds for R&D projects
3	To develop e-classrooms

#### Challenges

1	Executing the Autonomy System to its maximum capacity
2	Attracting Better Quality Students at entry level
3	Improvement in the Quality of results
4	Sustaining the expectations of the stakeholders in Autonomy

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

1	Stick to academic calendar as per autonomy
2	Implementation of examination system
3	Usage of ERP in view of Autonomy

#### 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	Department Faculty have conducted lectures, practicals, tests, assignments, viva exam (BE Project 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 students to participate in competition
Industry institute Interaction	Seminars, Site Visits have been conducted during the year for the development of the students
Students' Achievements	Arranging Expert lectures to motivate students for participation in various competitions

### SUMMARY SHEET (Annual)

Sr No	Activity/ Item	Numbers
<b>PROFILE OF DEPARTMENT</b>		
01	Students in the department	925
<b>FACULTY CONTRIBUTION</b>		
02	e content developed by faculty and available online	40
03	Number of FDP/STTP attended by the department faculty	66
04	Number of Seminars/ workshops/ webinars attended by the department faculty	27
05	Number of Conferences/ symposiums attended by the department faculty	07
06	Number of Online courses / certificate courses completed by department faculty	32
07	Number of extension lectures / webinars (Lectures delivered on other than technical topics))	00
08	Number of Faculty served as resource person, expert, chairperson	04
<b>ACTIVITIES ORGANISED</b>		
09	Number of FDP/STTP organized by the department	00
10	Number of Seminars/ workshops/ webinars organized by the department (for faculty)	08
11	Number of Conferences/ symposiums organized by the department (for faculty)	00
12	Number of Extension activities conducted by the department (Social/ Quizzes at national/international level/any other activity)	06
13	MOU signed with academic and professional organizations	00
14	Number of Students' chapters /clubs	00

15	Number of Social activities organized	02
16	Number of Parent meeting	01
17	Number of Alumni meet	NA
18	Number of student counseling and career guidance at the department level	00
	<b>RESEARCH CONTRIBUTION</b>	
19	Number of Funded research project	00
20	Number of Testing and consultancy	00
21	Number of Patents, copyright, trademark and other (IPR)	00
22	Number of Papers published/ presented in proceedings of conferences	06
23	Number of Papers published in journals	17
24	Number of Book/ article publications	09
25	Total Research citations	1646
26	Number of ME awarded	NA
27	Number of PhD AWARDED	NA
	<b>INTERACTION WITH INDUSTRY</b>	
28	Number of Industrial visits organized	11
29	Number of Expert lectures delivered by industry experts	01
30	Number of Industry –sponsored projects (UG/PG)	00
31	Number of MOU signed with industry	04
32	Number of Faculty members undergone industrial training	00
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. B D Bachchhav

HOD

Department of Engineering Sciences and Humanities