



# AISSMS

## COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय  
Accredited by NAAC with "A+" Grade



### Internal Quality Assurance Cell

## DEPARTMENT OF CIVIL ENGINEERING

### ANNUAL REPORT

(15 JUNE 2023 to 14 June 2024)

TERM ONE: 15 June to 30 November

TERM TWO: 01 December to 14 June

### Academic Year 2023 – 24

#### **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**

## **VISION OF DEPARTMENT**

**Nurture the talent in civil engineers to work as global leaders for development of society.**

## **MISSION STATEMENTS OF DEPARTMENT**

- **Provide quality education to develop competent civil engineers.**
- **Create the awareness among students for sustainable development.**
- **Cultivate the leadership qualities for becoming successful entrepreneurs.**

## 1.1 INTRODUCTION

Year of Establishment	2002
UG Programmes	2012
PG Programmes	02
Number of Teaching Staff	23
Number of Non-Teaching Staff	07

## 1.2 LABORATORIES IN THE DEPARTMENT

Name of Laboratory	
1. Engineering Mechanics	2. Geotechnical Engineering
3. Surveying	4. Environmental Engineering
5. Fluid Mechanics	6. Transportation Engineering
7. Computer Centre	8. Structural Dynamics

## 1.3 SOFTWARES AVAILABLE IN THE DEPARTMENT

Software Available	
Auto CAD Civil 3D 20 User	Revit Structure
Revit Architecture	Revit MEP
Auto CAD Civil 3D	Auto Desk MAP
ETABS	SAAP
STADD Pro.	ETP And WTP

## 1.4 FACULTY IN THE DEPARTMENT

Sr. No.	Name of faculty	Designation
1.	Dr P B Nangare	Head of Department and Asso. Prof.
2.	Dr. S R Parekar	Professor
3.	Dr. V N Patil	Professor
4.	Dr. U R Awari	Asso. Prof.
5.	Dr. R D Nalawade	Asso. Prof.
6.	Dr. S D Nagrale	Asst. Prof.
7.	Dr. D V Wadkar	Asst. Prof.
8.	Dr. V S Chavhan	Asst. Prof.
9.	P R Modak	Asst. Prof.
10.	K N Kulkarni	Asst. Prof.
11.	Dr. G C Chikute	Asst. Prof.
12.	P R Satarkar	Asst. Prof.
13.	Dr S S Bhuinyan	Asst. Prof.
14.	M S Chiwande	Asst. Prof.
15.	U J Jadhav	Asst. Prof.
16.	S A Chavan	Asst. Prof.
17.	Dr. M V Waghmare	Asst. Prof.
18.	C S Misal	Asst. Prof.
19.	S P Khedekar	Asst. Prof.
20.	K D Kashid	Asst. Prof.

21.	Dr A A Manchalwar	Asst. Prof.
22.	C R Yeole	Asst. Prof.
23.	Dr S K Nalawade	Asst. Prof.

**a. DETAILS OF SUPPORTING STAFF**

Sr. No.	Name of non-teaching staff	Designation
1	B H Lavhe	Laboratory Assistant
2	A U Karne	Laboratory Assistant
3	P V Pathak	Laboratory Assistant
4	K S Padvi	Laboratory Assistant
5	Y L Gavali	Attendant
6	P D Nalawade	Attendant
7	R S Sabale	Attendant

**1.6 STUDENTS' ENROLLMENT**

Program	GEN		SC		ST		OBC		DTNT		Others		Total
	M	F	M	F	M	F	M	F	M	F	M	F	
FE (Civil)	32	3	10	3	1	0	20	8	14	3	8	3	105
SE (Civil)	21	11	8	3	0	0	14	7	10	5	11	3	93
TE (Civil)	24	10	9	4	4	1	20	10	11	2	12	3	110
BE (Civil)	36	7	9	7	3	1	36	6	13	4	21	4	147
PG – FY (Stru)	4	1	1	1	1	1	1	2	0	0	1	0	13
PG – SY (Stru)	5	1	1	0	0	0	5	1	2	1	1	1	18

**1.7 STUDENTS–FACULTY FEEDBACK DETAILS**

Term One						
Sr. No.	Name of faculty	Class	Subject taught	Feedback (I) (%)	Feedback (II) (%)	Average Feedback (%)
1	Mrs. S A Chavan (GFM)	SE	Mechanics of Structures (MOS)	87.5	85	87
2	Dr. S K Nalawade	SE	Fluid Mechanics (FM)	78	78.5	79
3	Mr. C S Misal	SE	Building Technology & Architectural Planning (BTAP)	87.5	84.5	92.5
4	Ms. C Travya Vaishnavi	SE	Engineering Geology	84	80.5	79.5
5	Dr. M Gauratra	SE	Engineering Mathematics III (M III)	77.5	82	81.5
6	Dr. S R Parekar (GFM)		Mechanics of Structures (MOS)	83	79	89
7	Dr. P B Nangare	SE	Fluid Mechanics (FM)	73	79	85



8	Ms S P Khedekar	SE	Building Technology & Architectural Planning (BTAP)	91	81.5	90
9	Ms. C Travya Vaishnavi	SE	Engineering Geology	39.5	80	87
10	Dr. M Gauratra	SE	Engineering Mathematics III (M III)	75	79.5	84.5
11	Dr. U R Awari (GFM)	TE	Design of Steel Structures (DSS)	76	72.5	90
12	Dr. D V Wadkar	TE	Water Supply Engineering (WSE)	85	86.5	87.5
13	Dr. V N Patil	TE	Engineering Economics and Financial Management	80.5	79	91.5
14	Mr. U J Jadhav	TE	Hydrology and Water Resource Engineering (HWRE)	82.5	86	88
15	Dr. S D Nagrale	TE	Elective I: Construction Management (CM)	84	83	85.5
16	Mrs. M S Chiwande	TE	Elective I: Advanced Concrete Technology (ACT)	87.5	90.5	89
17	Ms. P R Satarkar	TE	Design of Steel Structures (DSS)	86.5	83.5	88.5
18	Dr. D V Wadkar	TE	Water Supply Engineering (WSE)	87	89	88
19	Dr. V N Patil	TE	Engineering Economics and Financial Management	79	87.5	89.5
20	Mr. C R Yeole	TE	Hydrology and Water Resource Engineering (HWRE)	87.5	85	83.5
21	Dr. S D Nagrale (GFM)	TE	Elective I: Construction Management (CM)	81	86	90
22	Mrs. M S Chiwande	TE	Elective I: Advanced Concrete Technology (ACT)	89	93	92
23	Dr. R D Nalawade	BE	Foundation Engineering (FE)	89.5	92	84
24	Dr. G C Chikute	BE	Transportation Engineering (TE)	81	89	84
25	Dr. V S Chavhan (GFM)	BE	ELE-III Coastal Engineering (CE)	86	89.5	88
26	Mr. P R Modak	BE	ELE-IV Air Pollution & Control (APC)	89	93	87.5
27	Dr. A A Manchalwar	BE	Python in Civil Engineering (PCE)	84.5	91	86.5
28	Dr. R D Nalawade	BE	Foundation Engineering (FE)	89.5	91	83

29	Mrs. K N Kulkarni	BE	Transportation Engineering (TE)	92.5	88	87.5
30	Dr. V S Chavhan	BE	ELE-III Coastal Engineering (CE)	86.5	92	85
31	Mr. P R Modak (GFM)	TE	ELE-IV Air Pollution & Control (APC)	90.5	93	84
32	Dr. A A Manchalwar	TE	Python in Civil Engineering (PCE)	84.5	88	83

Term Two						
Sr. No.	Name of faculty	Class	Subject taught	Feedback (I) (%)	Feedback (II) (%)	Average Feedback (%)
1	Dr. S K Nalawade	SE	Survey	87	89	88
2	Dr. R D Nalawade	SE	Geotechnical Engineering	81	77	79
3	Mr. U J Jadhav	SE	Concrete Technology	88	84	86
4	Mrs. S A Chavan	SE	Structural Analysis	86	88	87
5	Mrs. K N Kulkarni	SE	Project Management	89	87	88
6	Mr. C R Yeole		Survey	87	91	89
7	. R D Nalawade	SE	Geotechnical Engineering	86	92	89
8	M S Chiwande	SE	Concrete Technology	84	82	83
9	. U R Awari	SE	Structural Analysis	74	75	74.5
10	S P Khedekar	SE	Project Management	91	86	88.5
11	Dr. S R Parekar	TE	Design of Reinforced Concrete	92	88	90
12	Dr. D V Wadkar	TE	Waste Water Engineering	86	87	86.5
13	Dr. V N Patil	TE	Remote Sensing and GIS	78	82	80
14	Mr. P R Modak	TE	Elective II: Advanced Surveying	81	84	82.5
15	Ms. S P Khedekar	TE	Elective II: Architecture & Town Planning	91	86	88.5
16	Dr. S D Nagrale	TE	Elective II: Solid Waste Management	87	92	89.5
17	Ms. P R Satarkar	TE	Design of Reinforced Concrete	92	91	91.5
18	Dr. D V Wadkar	TE	Waste Water Engineering	90	89	89.5
19	Dr. V N Patil	TE	Remote Sensing and GIS	78	80	79
20	Mr. P R Modak	TE	Elective II: Advanced Surveying	81	87	84

21	Ms. S P Khedekar	TE	Elective II: Architecture & Town Planning	89	86	87.5
22	Dr. S D Nagrale	TE	Elective II: Solid Waste Management	90	87	88.5
23	Dr. P B Nangare	BE	Dams and Hydraulic Structures	82	80	81
24	Dr. G C Chikute	BE	Quantity Survey Contract and Tenders	87	87	87
25	Dr. V S Chavhan	BE	ELE-V Hydropower Engineering	85	85	85
26	Mr. C S Misal	BE	ELE-VI Green Structures and Smart Cities	91	89	90
27	Dr. S S Bhuinyan	BE	Dams and Hydraulic Structures	94	94	94
28	Dr. G C Chikute	BE	Quantity Survey Contract and Tenders	88	89	88.5
29	Dr. V S Chavhan	BE	ELE-V Hydropower Engineering	87	88	87.5
30	Ms. K D Kashid	BE	ELE-VI Green Structures and Smart Cities	80	83	81.5

## 1.8 RESULT ANALYSIS

Term One					
Name of faculty	Class and Subject Taught	% passing	Name of faculty	Class and Subject Taught	% passing
Dr R D Nalawade	BE (A) Foundation Engineering	96.87	UJJadav	TE (A)HYDR. AND WATER RES. ENG. (Paper)	98.18
Dr R D Nalawade	BE (B) Foundation Engineering	97.26	CR YEOLE	TE (B) HYDR. AND WATER RES. ENG.	93.47
Dr G C Chikute	BE (A) Transportation Engineering	96.87	D V Wadkar	TE (A)WATER SUPPLY ENGINEERING (Paper)	94.55
Dr G C Chikute	BE (B) Transportation Engineering	95.89	D V Wadkar	TE (B)WATER SUPPLY ENGINEERING	89.13
Dr V S Chavhan	BE (A) Costal Engineering	100	U R Awari	TE (A)DESIGN OF STEEL STRUCTURES (Paper)	81.82

Dr V S Chavhan	BE (B) Costal Engineering	100	P R Satarkar	TE (B)DESIGN OF STEEL STRUCTURES	65.21
P R Modak	BE (A) Air Pollution and Control	98.43	VN Patil	TE (A)ENG. ECO. AND FIN. MGMT (Paper)	<b>100</b>
P R Modak	BE (B) Air Pollution and Control	100	Dr. V. N. Patil	TE (B) ENG. ECO. AND FIN. MGMT	97.82
C S Misal	SE (A) Building Tech. & Arch. Plan	98.04	S D Nagrali	TE(A)CONSTRUCTION MANAGEMENT (Paper)	<b>100</b>
S P Khedekar	SE (B) Building Tech. & Arch. Plan	95.12	Dr. S D Nagrale	TE (B) CONSTRUCTION MANAGEMENT	<b>100</b>
S K Nalawade	SE(A) Fluid Mechanics	76.47	M S Chivande	TE (A)ARCHITECTURE PLANNING AND DESIGN (Paper)	<b>100</b>
Dr. P B Nangare	SE(B) Fluid Mechanics	75.61	S A Chavan	SE(A) Mechanics of Structure	58.82
Visiting	SE(A) Engineering Geology	90.20	Dr. S R Parekar	SE(B) Mechanics of Structure	70.73
<b>Dr. M. Gauratra</b>	SE(B) Engineering Mathematics III	75.61	Dr. M. Gauratra	SE(A) Engineering Mathematics III	72.55
<b>Visiting</b>	SE(B) Engineering Geology	82.93			

Term Two					
Name of faculty	Class and Subject Taught	% passing	Name of faculty	Class and Subject Taught	% passing
Dr P B Nangare	BE A – Dams and Hydraulic Structures	94.66	Dr. R D Nalawade	SE(A) Geotechnical Engineering	91.84

Dr S S Bhuinyan	BE B - Dams and Hydraulic Structures	97.18	Dr. R D Nalawade	SE(B) Geotechnical Engineering	90.24
Dr G C Chikute	BE B – Quantity Survey Contract and Tenders	100	Dr. S K Nalawade	SE(A) Survey	86
Dr G C Chikute	BE B – Quantity Survey Contract and Tenders	97.10	Mr. C R Yeole	SE(B) Survey	85.37
Dr V S Chavhan	BE B – Costal Engg	97.33	Mr. U J Jadhav	SE(A) Concrete Technology	100
Dr V S Chavhan	BE B – Costal Engg	98.59	Mrs. M S Chiwande	SE(B) Concrete Technology	97.56
C S Misal	BE A– Green Structures and Smart City	98.66	Mrs. S A Chavan	SE(A) Structural Analysis	86
K D Kashid	BE B– Green Structures and Smart City	100	Dr. U R Awari	SE(B) Structural Analysis	85
Mrs. K N Kulkarni	SE(A) Project Management	100	Mrs. S P Khedekar	SE(B) Project Management	90.24

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

Term One												
SN	Class	Number of Students									Percentage of Passing	
		App eared	Clear Passe d	Outstandi ng (O) (9.1 -10)	Excellen t (A+) (8.1 – 9)	Ver y Good (A) (7.1 –8)	Good (B+) (6.1 –7)	Above Avera ge (B) (5.1 – 6)	Avera ge / pass class (4 – 5)	Fail (F) 0 – 3.9	All Clear	With ATKT
1	SE (A)	51	25	-	4	16	5	-	-	-	49	100
2	SE (B)	41	20	-	10	6	4	-	-	-	46.7	100

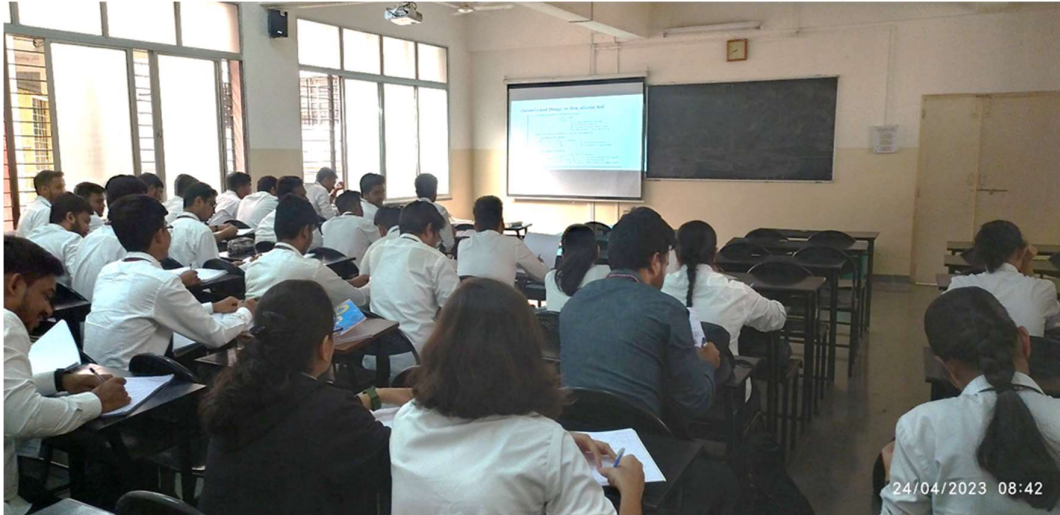
3	TE (A)	55	34	4	7	13	10	00	00	21	61.81	NA
4	TE (B)	46	36	14	04	12	5	1	00	10	78.26	NA
5	BE (A)	64	59	23	12	18	5	1	0	5	92.18	NA
6	BE (B)	73	69	26	15	22	6	0	0	4	94.52	NA

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	SE (A)	51	31	-	18	12	1	-	-	-	-	60.78	100
2	SE (B)	42	27	4	9	14	-	-	-	-	1	64.28	97.61
3	TE (A)	61	41	9	15	14	2		1			67.21 %	100%
4	TE (B)	46	46	13	15	6	2					73.46 %	100%
5	BE (A)	75	71	22	14	21	5	0	0	9 RRB	4	94.66	NA
6	BE (B)	72	68	26	9	34	7	0	0	2 RRB	4	94.44	NA

Term Two Final Result for BE Classes (Based on CGPA)													
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	BE (A)	75	71	5	36	19	2		9 (RRB)	4		94.66	
2	BE (B)	72	68	9	31	23	3		2 (RRB)	4		94.44	

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

<b>Academic Year 2021 - 22</b>			
<b>Sr No</b>	<b>Name of the Ranker</b>	<b>Class</b>	<b>Rank</b>
1	<b>Gurap Devayani Shashikant</b>	<b>SE (Civil)</b>	<b>3<sup>rd</sup></b>
2	<b>Birajdar Hariom Shivdarshan</b>	<b>SE (Civil)</b>	<b>5<sup>th</sup></b>
3	<b>Bhate Tejas sachin</b>	<b>SE (Civil)</b>	<b>5<sup>th</sup></b>
4	<b>Akshita Patil</b>	<b>BE (Civil)</b>	<b>5<sup>th</sup></b>
5	<b>Kalpesh Patil</b>	<b>BE (Civil)</b>	<b>6<sup>th</sup></b>
6	<b>Prasad Adhav</b>	<b>BE (Civil)</b>	<b>9<sup>th</sup></b>



Class room number 450



Class room number 444





Computer Lab



Environmental Engg. Lab



Structural Dynamics Lab



Transportation Engg. Lab



Testing of Materials Lab



Survey store



Engineering Mechanics Lab



Geotechnical Engg. Lab



Fluid Mechanics Lab



PG Computer Lab



Tutorial room



Departmental Library

# **2. FACULTY CONTRIBUTION**

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

Term One		
SN	Name of Faculty	Awards & Recognitions
1	Dr. Mrs V N Patil	Granted Design Patent “Water Distribution Apparatus with inbuilt Flow Rate Control Mechanism”
2	Dr. S S Bhuinyan	Awarded PhD in Civil Engineering Degree from Birla Institute of Technology, Mesra, Ranchi( Jharkhand) on 05.07.23
3	Mrs K N Kulkarni,	Achieved Silver Elite for 8-week NPTEL FDP course on Accreditation and Outcome-Based Learning
4	Dr. S S Bhuinyan	Achieved Silver Elite for 8-week NPTEL FDP course on Accreditation and Outcome-Based Learning
5	S P Khedekar	Achieved Silver Elite for 8-week NPTEL FDP course on Accreditation and Outcome-Based Learning
6	Dr. Mrs V N Patil	Under mentorship of MY INTRAPRENEUR Team won the global level competition and Dr (Mrs) V N Patil attended "Australian Eastern Standard: Global Entrepreneurs Summit and Awards Ceremony Session on 09.09.23
7	Dr. Mrs V N Patil	Conferred Best Paper Award For Paper Entitled “From Myth To Modernity: Resonating Echoes Of Feminine Empowerment“ In International Conference On Gender Equality & Women Empowerment 2024
8	Dr. S S Bhuinyan	Awarded PhD in Civil Engineering Degree from Birla Institute of Technology, Mesra, Ranchi( Jharkhand) on 05.07.23

Term Two		
SN	Name of Faculty	Awards & Recognition
1	Dr. Mrs V N Patil	Patent has been granted to Dr. (Mrs.) V N Patil for an invention entitled REGULAR EQUAL WATER DISTRIBUTION SYSTEM on 15/03/2024
2	Dr M V Waghmare	Received Excellence Award in “Education and Research” from The Great MG women’s group in association of Institution of Engineers Pune Local Centre, Pune on 31.03.2024
3	Dr. U R Awari	Nominated as a Secretary of Indian Society of Earthquake Technology Pune Local Centre from February 2024.
4	Dr S R Parekar	Topper for NPTEL course on Structural Analysis I
5	Dr. Mrs V N Patil	Conferred with “Best Paper Award” For Paper Entitled “From Myth To Modernity: Resonating Echoes Of Feminine Empowerment“ In International Conference On Gender Equality & Women Empowerment 2024

## 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 (Mrs) V N Patil	Served as Resource Person for FDP on 'Aligning Entrepreneurship with Construction Management' at SVERI's College of Engineering, Pandharpur on 27.07. 23.
2.	Dr. (Mrs) V N Patil	Appointed as Evaluator in National Level Project Competition organized by AISSMS IOIT Pune on 14.07.23
3.	Dr. (Mrs) V N Patil	Organised Internal Smart India Hackathon-2023 on 25.09.23, in which total 230 students with 40 teams from different branches were present for and 30 teams got nominated on SIH 2023 Portal
4.	Dr P B Nangare	Worked as an Expert for Selection Committee at Bharti Vidyapeeth Pune
5.	Dr G C Chikute	Selected as Mentor for DBATU Forum of Innovation, Incubation & Enterprise (DFIIE), at Dr. Babasaheb Ambedkar Technological University Lonere.
6.	Dr G C Chikute	Appointed as BOS Member of Civil Engineering at D Y Patil University, Ambi, Pune,
7.	Dr U R Awari	Invited as a Chief Guest for National level Model Exhibition at DYP College of Engineering on 03.11.23
8.	Dr (Mrs) V N Patil	Invited as Resource person to conduct Expert Lecture on Engineering Economics and Finance Management by PVPIT, Bavdhan, Pune on 31.10.23

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 M V Waghmare	Invited as a resource person in the one day workshop on "Research Topics for PG Structure Students" organized by IEI ( Pune Local Centre) and ISET on 27.04.2024
2.	Dr. Mrs. V N Patil	Appointed as Evaluator in school innovation contest organized by Ministry of Education Innovation Cell.
3.	Dr U R Awari	Evaluated Engineering project proposals in scrutiny process of DIPEX 2024 carried at COEP Technical University Pune on 11.02.2024
4.	Dr R D Nalawade	Worked as Judge for National level technical event Geofest, at PCCOE, Ravet on 06.04.2024
5.	Dr R D Nalawade	Invited as Resource person at DYP, IOT, Pimpri for Technical session on 24.04.2024

### 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	Impact	You Tube	<a href="https://youtu.be/6hvrecR8Bzs?si=QprpGrgkAT7OulZb">https://youtu.be/6hvrecR8Bzs?si=QprpGrgkAT7OulZb</a>
2		W E Principal		<a href="https://youtu.be/46LdBPxFB">https://youtu.be/46LdBPxFB</a>
3		Constant Acceleration		<a href="https://youtu.be/mGksd1Du2jQ?si=Cqp8-Q1SsmR8iUVC">https://youtu.be/mGksd1Du2jQ?si=Cqp8-Q1SsmR8iUVC</a>
4		Simple stresses & Strains (02 no.s)		<a href="https://youtu.be/NDwzTGh5-ws?si=8UFyPSc22YxiNzca">https://youtu.be/NDwzTGh5-ws?si=8UFyPSc22YxiNzca</a>
5		SFD & BMD (Previous years questions 14 no.s)		<a href="https://youtu.be/4s1pXymfPEw?si=4PHVon0JKyUcBcZD">https://youtu.be/4s1pXymfPEw?si=4PHVon0JKyUcBcZD</a>
6		Complementary functions (04 no.s)		<a href="https://youtu.be/1KoDmbeuSIE?si=6CcFdsaNaFb2Bwkf">https://youtu.be/1KoDmbeuSIE?si=6CcFdsaNaFb2Bwkf</a>
7		Higher order differential equations (11 no.s)		<a href="https://youtu.be/JJ40qxbSvD4?si=gtnlOhRheQv84zTC">https://youtu.be/JJ40qxbSvD4?si=gtnlOhRheQv84zTC</a>
8		Numerical methods (12 no.s)		<a href="https://youtu.be/0_stdzUzTUQ?si=8sNK2e_gpN3C-wRY">https://youtu.be/0_stdzUzTUQ?si=8sNK2e_gpN3C-wRY</a>

Term Two				
Sr No.	Name of Faculty	Title of e-content	e-content development facility/platform	link of the content
1	Dr. S R Parekar	DRCS Problems (04 no.s)	Youtube	<a href="https://youtu.be/6ue2xNE2c_E?si=v8mP_LZ6POBENBSE">https://youtu.be/6ue2xNE2c_E?si=v8mP_LZ6POBENBSE</a>
2		Theory of DRCS (03 no.s)		<a href="https://youtu.be/CcProFagYi0?si=eod6xf8nmCww-B2I">https://youtu.be/CcProFagYi0?si=eod6xf8nmCww-B2I</a>
3		Assignments (25 no,s)		<a href="https://youtu.be/VIDNA9dduBg?si=KhSUAbWi1x-fMrCy">https://youtu.be/VIDNA9dduBg?si=KhSUAbWi1x-fMrCy</a>
4		IS 456 Clauses explanations (11 no,s)		<a href="https://youtu.be/KtYjw_snlqg?si=AJ6T3gCbSBVXUMKS">https://youtu.be/KtYjw_snlqg?si=AJ6T3gCbSBVXUMKS</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 S S Bhuinyan	Attended FDP on “Low-cost Housing”	NITTTR Bhopal	10 .07.23 to 14.07.23
2	K N Kulkarni	Attended FDP on Low-cost Housing, organized by NITTTR Bhopal, from 10 .07.23 to 14.07.23	NITTTR Bhopal	10 .07.23 to 14.07.23
3	S P Khedekar	Attended FDP on Low-cost Housing, organized by NITTTR Bhopal, from 10 .07.23 to 14.07.23	NITTTR Bhopal	10 .07.23 to 14.07.23
4	P R Satarkar	Attended FDP on Low-cost Housing, organized by NITTTR Bhopal, from 10 .07.23 to 14.07.23	NITTTR Bhopal	10 .07.23 to 14.07.23
5	Dr S S Bhuinyan	Attended STTP on “Scientific Writing & Publishing”	Department of Civil & Environmental Engineering, Sarala Birla University, Ranchi, Jharkhand	31.07.23 to 04.08.23
6	Dr S S Bhuinyan	Attended a 2-day workshop on ‘Hydrological Extremes: Implications of Climate Change’	Department of Civil Engineering In association with ISTE & IIC	18.12.23 to 19.12.23
7	S P Khedekar	Attended AICTE-ISTE approved one-week ATTP on "Advancements and Application of Artificial Intelligence and Machine Learning"	Smt. Kashibai Navale College of Engineering	04.09.23 to 08.09.23
8	S P Khedekar	Attended One Week FDP on Air, Water Pollution and Health	NITTTR, Kolkata	31.07.23 to 04.08.23
9	S P Khedekar	Participated in the NPTEL E-Awareness workshop	NPTEL	18.08.23
10	Dr S S Bhuinyan	Attended two-days online training Course on “Hydraulic and Mathematical Modelling of Spillway and other hydraulic Structures"	CWPRS, Pune	19.07.23 to 20.07.23
11	C S Misal	Completed a certification course on Artificial Intelligence	Infosys Limited	20.07.23

12	C S Misal	Completed an online non-credit 6-weeks course 'Miracles of Human Language: An Introduction to Linguistics'	Universities Leiden and Meertens Institute (KNAW) and offered through Coursera	08.08.23
13	Dr S S Bhuinyan	Attended STTP on "Scientific Writing and Publishing"		31.07.23 to 04.08.23.
14	Mrs K N Kulkarni	Attended NPTEL Awareness E-workshop	GH Rasoni College of Engineering & Management, Pune	18.08.23
15	S P Khedekar	Attended NPTEL Awareness E-workshop	GH Rasoni College of Engineering & Management, Pune	18.08.23
16	Dr S S Bhuinyan	Attended NPTEL Awareness E-workshop	GH Rasoni College of Engineering & Management, Pune	18.08.23
17	P R Satarkar	Completed UGC mandated course in "Research and publication ethics"	SPPU centre for publication ethics	1 July – 31 July 2023
18	P R Satarkar	Attended FDP on "cloud infrastructure",	AISSMS COE in collaboration with Brainovision solutions India Pvt Ltd and AICTE	21 to 25 August 2023.
19	P R Satarkar	Attended FDP on "Design and Development of AI-ML models for beginners"	Department of Civil Engineering, A P shah institute of technology, Thane	17 to 21 July 2023.

Term Two				
S N	Name of Faculty	Title of the FDP/STTP	Organized by	Duration/ Dates
1	Mrs K N Kulkarni	Completed 4-week NPTEL course on 'Effective Engineering Teaching In Practice'	NPTEL	during January –March 2024
2	S P Khedekar	Completed 4-week NPTEL course on 'Effective Engineering Teaching In Practice'	NPTEL	during January –March 2024
3	Dr. S S Bhuinyan	Completed 4-week NPTEL course on 'Effective Engineering Teaching In Practice'	NPTEL	during January –March 2024
4	Mr. C S Misal	Completed 4-week NPTEL course on 'Effective Engineering Teaching In Practice'	NPTEL	during January –March 2024
5	Mr. P R Modak	Attended STC on Challenges in 'Waste water, air and land pollution in India' organized	NIT Jalandhar, Panjab	12.01.2024 to 16.01.2024



6	Dr. V N Patil	Attended STC on Challenges in 'Waste water, air and land pollution in India' organized	NIT Jalandhar, Panjab	12.01.2024 to 16.01.2024
7	Dr V N Patil	Completed NPTEL Course on Design Technology Innovation with Elite certification	NPTEL	during January-March 2024
8	Dr R D Nalawade	Completed NPTEL Course on Expansive Soil with Elite certification	NPTEL	during January-March 2024
9	Dr. S R Parekar	Attended five days National Level FDP on "Improving 21 <sup>st</sup> Century teaching skills using technological tools"	SAE, Kondhwa Pune	22-26 April 2024
10	K D Kashid	Attended 1 week short term course on "MATERIALS AND STRUCTURES UNDER EXTREME LOADING"	Department of Civil Engineering and Centre for Continuing Education in association with Indian Geotechnical Society Jalandhar Chapter	May 2-6 2024.

## 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 U R Awari	Attended webinar on Special Concrete and Impact on Sustainability	UltraTech Cement and ICI Gaziabad Centre	05.11.23
2	Dr U R Awari	Attended webinar on Navigating in to IS 1893: 2016 and latest draft standard IS 1893:2023- understanding their impact on structural behavior	organized by Midas R & D	21.11.23
3	Dr S S Bhuiyan	Attended TFX-2023 Conference,	TRIZ Association of Asia	29.11.23 to 01.12.23
4	S P Khedekar	Attended TFX-2023 Conference,	TRIZ Association of	29.11.23 to 01.12.23

			Asia	
5	K N Kulkarni	Attended TFX-2023 Conference,	TRIZ Association of Asia	29.11.23 to 01.12.23

Term Two				
S N	Name of Faculty	Title of the Seminar/Webinar	Organized By	Duration/ Dates
1	Dr. U R Awari	Attended webinar on “Cathodic Protection system for enhancing durability and service life of RC structures”	UltraTech cement Ltd and ICI Ghaziabad centre	02.12.23.
2	Dr. S S Bhuinyan	Attended Webinar on "Latest Developments in Design of Post-Installed Rebar"	UltraTech cement Ltd and ICI Ghaziabad centre	28.12.23.
3	Dr. U R Awari	Attended international workshop on VISION 2024	Inspire Softech Solution, Chennai	31.12.2023
4	Dr. U R Awari	Attended Expert Talk on "Emerging Opportunities and Challenges in Valuation Sector in India,	The IEI (India), Maharashtra State Centre and Pune Local Centre	6/01/2024.
5	K N Kulkarni	Attended Expert Talk on "Emerging Opportunities and Challenges in Valuation Sector in India,	The IEI (India), Maharashtra State Centre and Pune Local Centre	6/01/2024.
6	S P Khedekar	Attended Expert Talk on "Emerging Opportunities and Challenges in Valuation Sector in India,	The IEI (India), Maharashtra State Centre and Pune Local Centre	6/01/2024.
7	Dr. U R Awari	Attended webinar on ‘Innovative construction techniques in signature bridge Delhi’	UltraTech cement Ltd and ICI Ghaziabad centre	6/01/2024.
8	P R Modak	Attended STC on Challenges in ‘Waste water, air and land pollution in India’	NIT Jalandhar, Panjab	12.01.2024 to 16.01.2024
9	Dr V N Patil	Attended STC on Challenges in ‘Waste water, air and land pollution in India’	NIT Jalandhar, Panjab	12.01.2024 to 16.01.2024
10	Dr. U R Awari	Attended Expert session on Climate Change on Weather Resources in India	Institution of Engineers (India) Pune	20.01.2024

			local Centre	
11	Dr. U R Awari	Attended webinar on learning from failure of buildings and bridges	UltraTech cement Ltd and ICI Ghaziabad centre	03.02.2024
12	Dr. U R Awari	Attended 71th Tech Talk on protection from lightning organised	Teck Forum in association with Institution of Engineers Pune local centre	04.02.2024
13	Dr. S R Parekar	Attended One week workshop on Business Analyst organized by EXCEL	at AISSMS COE Computer Dept	05.02.2024 to 09.02.2024
14	C R Yeole	Attended a Seminar on Pune Vision 2025	BAI Pune Centre	10.02.24
15	Dr. U R Awari	Attended session for newly elected chairman and Secretary at Engineering Staff College of India Hyderabad	Institution of Engineers (India)	25.02.2024
16	C R Yeole	Attended Internship Valedictory Function	D Y Patil COE Pimpri	26.02.2024
17	Dr. S S Bhuinyan	Attended Health Awareness programme	Urulikanchan Nisrag Upchar UVAAN Foundation Unimax India	27.02.2024
18	S P Khedekar	Attended Health Awareness programme	Urulikanchan Nisrag Upchar UVAAN Foundation Unimax India	27.02.2024
19	Dr. U R Awari	Attended webinar on Good Engineering practices for durability of concrete structure	UltraTech Cement Ltd and ICI Ghaziabad centre.	09.03.2024
20	C R Yeole	Attended Two Days Workshop on Mentoring	AISSMS COE	21.03.2024 to 22.03.2024
21	Dr. S S Bhuinyan	Attended BYST Workshop	Ultratech Cement India Pvt Ltd	21.03.2024 to 22.03.2024
22	Dr. S S Bhuinyan	Completed Industrial Training on Virtual Tile Applicator	AISSMS Centre of Excellence and Ultratech Cement Ltd at Centre of Excellence Lab	22.03.2024

23	K N Kulkarni	Completed Industrial Training on Virtual Tile Applicator	AISSMS Centre of Excellence and Ultratech Cement Ltd at Centre of Excellence Lab	22.03.2024
24	S P Khedekar	Completed Industrial Training on Virtual Tile Applicator	AISSMS Centre of Excellence and Ultratech Cement Ltd at Centre of Excellence Lab	22.03.2024
25	Dr. R D Nalawade	Completed Industrial Training on Virtual Tile Applicator	AISSMS Centre of Excellence and Ultratech Cement Ltd at Centre of Excellence Lab	22.03.2024
26	Dr. U R Awari	Attended session on Human existence and water sustainability	Institution of Engineers Pune local centre	28.03.2024
27	Dr. U R Awari	Attended All India seminar on Green technology and Sustainable Development	Institution of Engineers Pune local centre	30.03.2024 to 31.03.2024
28	Dr. U R Awari	Attended webinar on circular economy and waste management	UltraTech cement and ICI Gaziabad centre	06.04.2024
29	P R Modak	Attended Seminar on Symbol of Knowledge by Mr. Jagdish Ohol	AISSMS COE	15.04.2024
30	S A Chavan	Attended One day work shop on Patent	SPPU	16.04.2024
31	Dr U R Awari	Attended Inaugural session of Pune Auto Expo	Pune Auto Expo	18.04.2024.
32	Dr. S R Parekar	Attended One week workshop on Building Sustainable Infrastructure through Emerging Technologies	ABMSP's. APCOE	10.06.2024 to 14.06.2024

**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 S S Bhuinyan	Attended TFX-2023 Conference	TFX-2023	29.11.23 to 01.12.23
2	Ms. S P Khedekar	Attended TFX-2023 Conference	TFX-2023	29.11.23 to 01.12.23
3	K N Kulkarni	Attended TFX-2023 Conference	TFX-2023	29.11.23 to 01.12.23

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

**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 N Kulkarni	8-week NPTEL FDP course on Accreditation and Outcome- Based Learning	NPTEL	August-October 2023
2	Dr. S S Bhuinyan	8-week NPTEL FDP course on Accreditation and Outcome- Based Learning	NPTEL	August-October 2023
3	S P Khedekar	8-week NPTEL FDP course on Accreditation and Outcome- Based Learning	NPTEL	August-October 2023

Term Two				
S N	Name of Faculty	Title of the Course	Conducted By	Duration/ Dates
1	C S Misal	4-week NPTEL course on 'Effective Engineering Teaching In Practice'	NPTEL	January- March 2024
2	K N Kulkarni	4-week NPTEL course on 'Effective Engineering	NPTEL	January- March 2024

		Teaching In Practice'		
3	Dr. S S Bhuinyan	4-week NPTEL course on 'Effective Engineering Teaching In Practice'	NPTEL	January- March 2024
4	S P Khedekar	4-week NPTEL course on 'Effective Engineering Teaching In Practice'	NPTEL	January- March 2024
5	Dr. R D Nalawade	Expansive Soil	NPTEL	January- March 2024
6	Dr. V N Patil	Design Technology Innovation	NPTEL	January- March 2024
7	Dr. S R Parekar	Structural Analysis	NPTEL	April-June 2024

## 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
NIL					

Term Two					
S N	Name of faculty coordinator	Topic	Name and contact details of guest	Date	Number of beneficiaries
1	M S Chiwande	Guest Lecture on "Embracing Your Uniqueness: Discovering Your Remarkable Self"	Ms. Gitanjali Thite	07.03.2024	50

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

Term One				
S N	Name of Faculty	Title of Activity	Organizing body	Date
1	Dr. V N Patil	FDP on 'Aligning Entrepreneurship with Construction Management'	SVERI's College of Engineering , Pandharpur	27.07.23.
2	Dr. V N Patil	Appointed as Evaluator in National Level Project Competition	AISSMS IOIT Pune	14.07.23
3	Dr. P B Nangare	Expert for Selection Committee	Bharti Vidyapeeth Pune	28.07.2023

4	Dr. G C Chikute	Mentor for DBATU Forum of Innovation, Incubation & Enterprise (DFIIE)	Dr. Babasaheb Ambedkar Technological University Lonere.	August 2023
5	Dr. G C Chikute	BOS Member of Civil Engineering	D Y Patil University, Ambi, Pune,	August 2023
6	Dr. V N Patil	Resource person to conduct Expert Lecture on Engineering Economics and Finance Management	PVPIT, Bavdhan, Pune	31.10.23
7	Dr. U R Awari	Chief Guest for National level Model Exhibition	DYP College of Engineering	03.11.23
8	Dr R D Nalawade	worked as Organizing Committee Member of MAHAFEST- 2023, National level event of IGS Maharashtra	MIT Pune	12.09.23 to 13.09.23

Term Two				
S N	Name of Faculty	Title of Activity	Organizing body	Date
1	Dr. M V Waghmare	Resource person in the one day workshop on "Research Topics for PG Structure Students"	IEI ( Pune Local Centre) and ISET	27.04.2024
2	Dr. U R Awari	Nominated as a Secretary of Indian Society of Earthquake Technology Pune Local Centre	Indian Society of Earthquake Technology Pune Local Centre	February 2024
3	Dr. U R Awari	Evaluator for Engineering project proposals in scrutiny process of DIPEX 2024	COEP Technical University Pune	11.02.2024
4	Dr. V N Patil	Evaluator in school innovation contest organized by Ministry of Education Innovation Cell.	Ministry of Education Innovation Cell.	March 2024
5	Dr. R D Nalawade	Judge for National level technical event "Geofest"	PCCOE, Ravet	06.04.2024
6	Dr. R D Nalawade	Resource person for Technical Paper Presentation session	DYP, IOT, Pimpri	24.04.2024
7	Dr R D Nalawade	Worked in Organization Committee for organizing 'Workshop on Bridge Engineering for PWD Engineers'	with IGS Pune and PWD Maharashtra	23.01.24

# **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. M V Waghmare Dr. S R Parekar	AICTE ATAL Sponsored One Week Faculty Development Program on "Earthquake Engineering and Vibration Control"	11-16 December 2023	51	AICTE Funds: 3.5 Lakh Rupees

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.)
NIL					

### 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	Mr. C. R. Yeole Mr. U. J. Jadhav	Expert Lecture on Hydrology & Water Resources under HWRE	01/11/2023	72	--
2	K N Kulkarni and S P Khedekar	Expert lecture on "Opportunities in Urban Planning and particularly in the Environment Sector" by Er. Alok Gogate,	16.10.23	51	--

		founder and Director, CEO at Kushagra Innovations Foundation			
3	Dr S S Bhuinyan and S P Khedekar	Expert lecture on “Career Guidance and Preparation for Competitive Exams” by Mr. Mahesh Janjire, Assistant Commissioner of Police	04.08.23	65	--
4	Dr (Mrs) V N Patil and C R Yeole	webinar on ‘Delivering construction projects profitably is a challenge’ on 19.08.23 by Ms. Tasneem Chhawniwala, Regional Sales Manager, INDIA Vplan Inc. Canada.	13.09.2023	73	--

Term Two					
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 S K Nalawade	Expert lecture on Construction Survey by Mr Kiran Nalawade for SE Civil students on	20.04.2024	65	–
2	Dr S R Parekar and Mrs M S Chiwande	Expert talk on ‘Gate preparation’ by Alumni Ket Harshwardhan	10.04.2024	70	--
3	Mr. C. R Yeole Dr. S.K Nalawade	Expert Lecture on Construction Survey Setting out of Works	20/04/24	69	--
4	Dr. S S Bhuinyan	Workshop on “Virtual Tile Applicator Module” organised by UltraTech Cement. Limited and Department of Civil Engineering, AISSMS	22 March 2024	21	--

		COE, Pune, on under Centre of Excellence Laboratory.			
5	Dr. S S Bhuinyan	Training on “UltraTech Building Products and Services” for SP Traders Sales/Marketing personnels organised by UltraTech Cement Limited and Department of Civil Engineering, AISSMS COE, Pune, under Centre of Excellence Laboratory.	26 May 2024	31	--
6	Dr. S S Bhuinyan	Seminar on “Yellow Belt Activity” for Sales Staff of our Stockiest - Shree Datta Traders Pune, organised by UltraTech Cement Limited and Department of Civil Engineering, AISSMS COE, Pune under Centre of Excellence Laboratory.	05 June 2024	45	--
	Dr. S S Bhuinyan	Workshop on “Level -3 Skill Building Workshop for Practising Contractors” organised by UltraTech Cement Limited and Department of Civil Engineering, AISSMS COE, Pune under Centre of Excellence Laboratory.	22 Feb 2024	20	--
7	Dr. S S Bhuinyan	Workshop on “UltraTech Building Products” for Practising Contractors Students and Faculties organised by UltraTech Cement Limited and Department of Civil Engineering, AISSMS COE, Pune	30 April 2024.	25	--

<b>8</b>	Dr. S S Bhuinyan	Department of Civil Engineering, AISSMS COE, Pune in association with Pune Construction Engineering Research Foundation have organised the exchange of memorandum of understanding (MoU)	Friday, 12th April 2024	<b>73</b>	--
<b>9</b>	Dr. S S Bhuinyan	Department of Civil Engineering, AISSMS COE, Pune in association with Pune Construction Engineering Research Foundation have organised the Expert session on "Opportunities in Estimation-Costing for Civil Engineers: An Introduction to Real Estate Valuation"	Friday, 12th April 2024	<b>78</b>	--
<b>10</b>	Dr. S S Bhuinyan, Dr. U R Awari, P R Satarkar	Department of Civil Engineering, AISSMS COE, Pune in association with ZAS consultant has arranged value added course of 50 hours on "Industrial Steel Structures Comprehensive Design Training using STAAD Pro".		31	
<b>11</b>	Dr. P B Nangare and S P Khedekar	Department of Civil Engineering, AISSMS COE, Pune and College of Engineering, Pune in Association with Indian Water Works Association (IWWA), Pune Centre and Paras Group of Industries Organized a workshop on "Plumbing System" by Mr. Shyam Deshmukh, Business Development manager,	Monday, 11/03/2024.	81	--

		Paras Group of Industries.			
<b>12</b>	Dr. P B Nangare and S P Khedekar	Department of Civil Engineering, AISSMS COE, Pune and College of Engineering, Pune in Association with Indian Water Works Association (IWWA), Pune Centre Organizes an Expert Talk on “Rejuvenation of Dams-Need of the hour” by Lt. Col Suresh Patil, Founder President, Greenthumb Environment Protection Group. This activity was carried out under “Mr. S D Mande Memorial Lecture Series: The Expert Talk”	09.02.2024	68	--
<b>13</b>	M S Chiwande	Guest lecture on Guidance for Higher studies by IDP Pune	21.01.24	44	--
<b>14</b>	Mrs K N Kulkarni and S P Khedekar	Expert lecture by Mr Chinmay Borgavkar on ‘Project Management’ for SE Civil students	24.04.2024	41	--
<b>15</b>	M S Chiwande and Mr U J Jadhav	Expert Talk on ‘Different Admixtures and Water Proofers’ by Mr Shailendra Patil	26.04.2024	52	--

### 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.)
NIL					

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

### 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
NIL				

Term Two				
S N	Name of Faculty Coordinator	Details of activity conducted	Date	Number of beneficiarie s
1	Dr. P B Nangare, Dr. V S Chavhan, C R Yeole	Topographical survey at Kalyan Percolation Tank under Unnat Bharat Abhiyan	09.03.24	24
2	Dr. S R Parekar	Conducted Quiz on 'Design of Reinforced Concrete Structures'	17.04.2024	58

### 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	Builders Association of India	2021	Lifetime

2	Dr S R Parekar	Ferrocement	2021	Lifetime
3	Dr. V N Patil	1) Struengineers (India) Pvt. Ltd, Pune Neha Realtors Pvt.Ltd. Pune	18/05/2021 07/11/2022	18/05/2026 07/11/2027
4	Dr. R D Nalawade	Shree Samarth Associates	20/05/2022	19/05/2027
5	Dr. D V Wadkar	1) Avishkar Realty,Pune. Mr. Kavish Takawani Zhala Group	21/07/2021 01/09/2022	21/07/2026 01/09/2027
6	Dr. G C Chikute	1) Dighe Construction, Charoli, Pune 2) S.M. Khatib Construction Parali Maharashtra Kunal Chawada Civil Engineering Consultant	06/10/2022 03/10/2023 01/03/2022	06/10/2027 03/10/2027 28/02/2027
7	Dr. V S Chavhan	Water Field research foundation Thane	25/09/2021	25/09/2027
8	P R Modak	Water Field Technmology Pvt. Ltd.	25/09/2021	25/09/2026
9	K N Kulkarni	Sudhir Construction	07/11/2022	07/11/2027
10	M S Chiwande	1) Kawlity Architect and Consultancy 2) Vastushree Construction Lotus reality builders and Developers	11/10/2022 31/10/2022 11/12/2022	11/10/2027 31/10/2027 11/12/2027
11	S A Chavan	1) Sustain & save India Pvt. Ltd 2) Kunal Chawada Civil Engineering Consultant Mageba Pty Ltd., Sydney, Australia	01-11-2020 01/03/2022 01/05/2021	Lifetime 28/02/2027 01/05/2026
12	U J Jadhav	1) Creative Developer Silver Mist Sadashiv peth, Pune 2) Bushra Construction Bhavani peth, Pune Suraj Construction, Dhayari Pune	09/09/2022 09/09/2022 14/09/2021	09/09/2027 09/09/2027 14/09/2026

13	Dr S S Bhuniyan	1) Green Ecomes Solutions Pvt. Ltd. (GES) 2) Ultratech Cement Ltd 3) Vastushree Construction 4) CoE with Ultratech Cement Ltd.4 <sup>th</sup> Pune Construction Engineering (PCERF)	14/09/2021 28/09/2022 23/05/2022 16/02/2024 07-03-2024	14/09/2026 28/09/2027 22/05/2027 15/02/2029 Lifetime
14	S P Khedekar	DESIGN BY T A , 1070, Subhash nagar, Shukarwar Peth	11/10/2022	10/10/2027

Term Two				
Sr. No.	Faculty Coordinator	Name of Organisation	Date of MoU Signed	Valid upto 00/00/0000
1	Dr P B Nangare	Builders Association of India	2021	Lifetime
2	Dr S R Parekar	Ferrocement	2021	Lifetime
3	Dr. V N Patil	2) Struengineers (India) Pvt. Ltd, Pune Neha Realtors Pvt.Ltd. Pune	18/05/2021 07/11/2022	18/05/2026 07/11/2027
4	Dr. R D Nalawade	3) Shree Samarth Associates	20/05/2022	19/05/2027
5	Dr. D V Wadkar	2) Avishkar Realty,Pune. Mr. Kavish Takawani 4) Zhala Group	21/07/2021 01/09/2022	21/07/2026 01/09/2027
6	Dr. G C Chikute	3) Dighe Construction, Charoli, Pune 4) S.M. Khatib Construction Parali Maharashtra 3) Kunal Chawada Civil Engineering Consultant	06/10/2022 03/10/2023 01/03/2022	06/10/2027 03/10/2027 28/02/2027
7	Dr. V S Chavhan	5) Water Field research foundation Thane	25/09/2021	25/09/2027
8	P R Modak	6) Water Field Technmology Pvt. Ltd.	25/09/2021	25/09/2026
9	K N Kulkarni	7) Sudhir Construction	07/11/2022	07/11/2027



10	M S Chiwande	3) Kawlity Architect and Consultancy 4) Vastushree Construction 8) Lotus reality builders and Developers	11/10/2022 31/10/2022 11/12/2022	11/10/2027 31/10/2027 11/12/2027
11	S A Chavan	3) Sustain & save India Pvt. Ltd 4) Kunal Chawada Civil Engineering Consultant 5) Mageba Pty Ltd., Sydney, Australia	01-11-2020 01/03/2022 01/05/2021	Lifetime 28/02/2027 01/05/2026
12	U J Jadhav	3) Creative Developer Silver Mist Sadashiv peth, Pune 4) Bushra Construction Bhavani peth, Pune 5) Suraj Construction, Dhayari Pune	09/09/2022 09/09/2022 14/09/2021	09/09/2027 09/09/2027 14/09/2026
13	Dr S S Bhuniyan	5) Green Ecomes Solutions Pvt. Ltd. (GES) 6) Ultratech Cement Ltd 7) Vastushree Construction 8) CoE with Ultratech Cement Ltd.4 <sup>th</sup> 5) Pune Construction Engineering (PCERF)	14/09/2021 28/09/2022 23/05/2022 16/02/2024 07-03-2024	14/09/2026 28/09/2027 22/05/2027 15/02/2029 Lifetime
14	S P Khedekar	9) DESIGN BY T A , 1070, Subhash nagar, Shukarwar Peth	11/10/2022	10/10/2027

<b>Total Functional / Live MoU initiated 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>
1	Dr P B Nangare	Builders Association of India	2021	Lifetime
2	Dr S R Parekar	Ferrocement	2021	Lifetime
3	Dr. V N Patil	5) Struengineers (India) Pvt. Ltd, Pune Neha Realtors Pvt.Ltd. Pune	18/05/2021 07/11/2022	18/05/2026 07/11/2027
4	Dr. R D Nalawade	6) Shree Samarath Associates	20/05/2022	19/05/2027

5	Dr. D V Wadkar	4) Avishkar Realty,Pune. Mr. Kavish Takawani 7) Zhala Group	21/07/2021 01/09/2022	21/07/2026 01/09/2027
6	Dr. G C Chikute	9) Dighe Construction, Charoli, Pune 10) S.M. Khatib Construction Parali Maharashtra 5) Kunal Chawada Civil Engineering Consultant	06/10/2022 03/10/2023 01/03/2022	06/10/2027 03/10/2027 28/02/2027
7	Dr. V S Chavhan	11) Water Field research foundation Thane	25/09/2021	25/09/2027
8	P R Modak	12) Water Field Technmology Pvt. Ltd.	25/09/2021	25/09/2026
9	K N Kulkarni	13) Sudhir Construction	07/11/2022	07/11/2027
10	M S Chiwande	6) Kawlity Architect and Consultancy 7) Vastushree Construction 14) Lotus reality builders and Developers	11/10/2022 31/10/2022 11/12/2022	11/10/2027 31/10/2027 11/12/2027
11	S A Chavan	6) Sustain & save India Pvt. Ltd 7) Kunal Chawada Civil Engineering Consultant 8) Mageba Pty Ltd., Sydney, Australia	01-11-2020 01/03/2022 01/05/2021	Lifetime 28/02/2027 01/05/2026
12	U J Jadhav	6) Creative Developer Silver Mist Sadashiv peth, Pune 7) Bushra Construction Bhavani peth, Pune 8) Suraj Construction, Dhayari Pune	09/09/2022 09/09/2022 14/09/2021	09/09/2027 09/09/2027 14/09/2026
13	Dr S S Bhuniyan	10) Green Ecomes Solutions Pvt. Ltd. (GES) 11) Ultratech Cement Ltd 12) Vastushree Construction 13) CoE with Ultratech Cement Ltd.4 <sup>th</sup> 8) Pune Construction Engineering (PCERF)	14/09/2021 28/09/2022 23/05/2022 16/02/2024 07-03-2024	14/09/2026 28/09/2027 22/05/2027 15/02/2029 Lifetime
14	S P Khedekar	14) DESIGN BY T A , 1070, Subhash nagar, Shukarwar Peth	11/10/2022	10/10/2027

### 3.6 STUDENTS' CHAPTERS /CLUBS

Sr. No	Name of Students' Chapter	Number of Student Members
1	Institution of Engineers (India) [IEI]	144
2	Indian Institute for Technical Education [ISTE]	276
3	Indian Geotechnical Society [IGS]	142
4	Indian Water Works Association [IWWA]	90
5	Ferrocement Society	Institutional Life Membership
6	Builders 'Association of India	Patron membership

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

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

Term Two			
Faculty coordinator	Name of Activity	Date, Duration	Number of students involved
Dr. P B Nangare, Dr. V S Chavhan, C R Yeole	Topographical survey at Kalyan Percolation Tank under Unnat Bharat Abhiyan	09.03.24	24

### 3.8 PARENT MEETING

Faculty Coordinator	Day and Date	Details of Parent meetings organized	Number of Parents attended
K N Kulkarni	01.09.2023	First Year Student Induction Program & Parents Meet	29

### 3.9 ALUMNI MEET

Faculty Coordinator	Day and Date	Details of Alumni meetings organized	Number of Alumni attended
S P Khedekar	09.05.2024	Alumni Meet 2024	25

### 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	Aniket Nampalliwar and Rohit Koul	CEO and Director	Ecomes Pvt Ltd	Industrial training and Sponsored Project	21.9.2023

Term Two					
Sr No	Name of Alumni	Position and Organisation	Batch (e.g. 2014 – 2018)	Details of Support	Date
1	Zeeshan Sakkarge	Founder and Director ZAS Consultants	2012-2014	Arranged value added course of 50 hours on “Industrial Steel Structures Comprehensive Design Training using STAAD Pro”.	January-March 2024

### 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	Alumnus: Alok Gogate Activity Co Ordinator: K N Kulkarni and S P Khedekar	Expert lecture on "Opportunities in Urban Planning and particularly in the Environment Sector" by Er. Alok Gogate, founder and Director, CEO at Kushagra Innovations Foundation	16.10.23	51
2	Alumnus: Aniket Nampalliwar and Rohit Koul Activity Co Ordinator: Dr. SS Bhuinyan	industrial training and Sponsored Project	21.9.2023	61

Term Two				
S N	Name of Alumni and Activity coordinator	Details of Activity conducted	Date and duration	Total Number of beneficiaries
1	Alumnus: Chinmay Borgaokar Activity Co Ordinator: K N	Expert lecture by Mr Chinmay Borgaokar on ‘Project Management’	24.04.2024	41

	Kulkarni and S P Khedekar	for SE Civil students		
2	Alumnus: Zeeshan Sakkarge Activity Co Ordinator: Dr. SS Bhuinyan, Dr. U R Awari and P R Satarkar	Department of Civil Engineering, AISSMS COE, Pune in association with ZAS consultant has arranged value added course of 50 hours on “Industrial Steel Structures Comprehensive Design Training using STAAD Pro”.	50 hour training program	30

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

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

<b>Faculty coordinator</b>	<b>CAREER GUIDANCE ACTIVITY DETAILS</b>
Dr. S R Parekar and M S Chiwande	Expert talk on ‘GATE preparation’ by Alumni Ket Harshwardhan 10.04.2024



Department of Civil Engineering organized One-week FDP under ATAL Scheme on 'Earthquake Engineering & Vibration Control' during 11.12.23 to 16.12.23



Topographical survey at Kalyan Percolation Tank under Unnat Bharat Abhiyan on 09.03.24



Inaugural Ceremony of Center of Excellence Lab on 16.02.2024



Department of Civil Engineering, AISSMS COE, Pune in association with ZAS consultant has arranged value added course of 50 hours on "Industrial Steel Structures: Comprehensive Design Training using STAAD Pro".

# **4.RESEARCH CONTRIBUTION**

#### 4.1 FUNDED RESEARCH PROJECT

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

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

#### FUNDING RECEIVED FOR ANY OTHER ACTIVITY

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

Term Two				
S N	Faculty Coordinator	Title of the activity	Amount Received (Rs)	Funding Agency
1	Dr. SS Bhuinyan, Dr. U R Awari and P R Satarkar	Department of Civil Engineering, AISSMS COE, Pune in association with ZAS consultant has arranged value added course of 50 hours on "Industrial Steel Structures Comprehensive Design Training using STAAD Pro".	31000	ZAS consultant

#### 4.2 TESTING AND CONSULTANCY

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



1	Dr. G.C. Chikute, Mrs. S.A. Chavan and Mr. Mr. A.V. Wakchaure	ASK and Company, 'Teerth Reality' Sus road Pune. Design of Solar panel supporting steel structure	Rs-30,000/-
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Term Two			
Sr. No.	Faculty Coordinator	Details of Testing & Consultancy Conducted	Total Revenue Generated (Rs.)
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 (Mrs) V N Patil	granted Design Patent "Water Distribution Apparatus with inbuilt Flow Rate Control Mechanism"		
2	Dr (Mrs) V N Patil	Design Patent Registration Certificate for- GRAIN AND SEED SORTING MACHINE granted		
3	Dr (Mrs) V N Patil	Design Patent Registration Certificate for- DEVICE TO MONITOR GROWTH OF PLANT AND CROPS granted		
4	Dr A A Manchalwar	Design Patent Registration Certificate for- DEVICE TO MONITOR GROWTH OF		

		PLANT AND CROPS granted		
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Term Two				
Sr No.	Name of Faculty	Name of the Patent	Patent Number and Date	Type (National/International/Commercialized)
1	Dr (Mrs) V N Patil	Patent has been granted for an invention entitled REGULAR EQUAL WATER DISTRIBUTION SYSTEM on 15/03/2024		

TOTAL PATENTS DETAILS OF THE DEPARTMENT					
Sr. No.	Faculty Coordinator	Title of patent	Status		
			Date of Filing	Date of Publication / Grant	National / International
1	Dr (Mrs) V N Patil	granted Design Patent "Water Distribution Apparatus with inbuilt Flow Rate Control Mechanism"			National
2	Dr (Mrs) V N Patil	Design Patent Registration Certificate for- GRAIN AND SEED SORTING MACHINE granted			National
3	Dr (Mrs) V N Patil	Design Patent Registration Certificate for-DEVICE TO MONITOR GROWTH OF PLANT AND CROPS granted			National
4	Dr A A Manchalwar	Design Patent Registration Certificate for-DEVICE TO MONITOR GROWTH OF PLANT AND CROPS granted			

TOTAL COPYRIGHT DETAILS OF THE DEPARTMENT				
Sr. No.	Faculty Coordinator	Title of copyright	Status	
			Date of Filing	Date of Publication / Grant
NIL				

## PUBLICATIONS

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

Term One						
S. No	Authors	Document Details	Year	Conference Details	ISBN	Organized by
1	P R Satarkar	presented Paper on “Input variable selection of Artificial Neural Network for Prediction of stresses in Extended Shear Tab connection”	2023	SEC 2023, International conference		VNIT, Nagpur.

Term Two						
S. No	Authors	Document Details	Year	Conference Details	ISBN	Organized by
1	Dr V N Patil	Presented a paper Entitled “From Myth to Modernity Resonating Echoes	2024	International Conference on Gender Equality & Women		PVGCOET & GKPIOM in association with SPPU, on 09.03.2024.

		Of Feminine Empowerment”		Empowerment		
2	Dr. Shilpi Bhuinyan	“Crack Detection of Beam Using Image Processing”,	2024	12th International Conference on Recent Challenges in Engineering and Technology (ICRCET-2024),		Institute for Educational Research and Publication (IFERP) held on 23rd - 24th April 2024 in Aloft Bengaluru Whitefield, Bangalore,India .
3	Dr. Shilpi Bhuinyan	“A study on the effect of different types of bracings systems on seismic behaviour of tall buildings-”	2024	12th International Conference on Recent Challenges in Engineering and Technology (ICRCET-2024),		Institute for Educational Research and Publication (IFERP) held on 23rd - 24th April 2024 in Aloft Bengaluru Whitefield, Bangalore,India .
4	Dr. Shilpi Bhuinyan	“Anchoring System for Floating Solar: A Comprehensive Design Approach”	2024	16th Edition of Aakaar 2024,		IIT Bombay on 16th Feb 2024
5	Dr. A. A. Manchalwar ,	“Enhancement in Seismic Isolation Using U-ShapeMetallic Isolator”	2024	International Conference on Recent Trends in Infrastructural Development and Sustainable Materials (IC-RTIDSM-2024		organized by G. H. Raisoni College of Engineerng, Nagpur on 9-10 February 2024
6	Dr. M V Waghmare,	“Enhancement in Seismic Isolation Using U-ShapeMetallic Isolator”	2024	International Conference on Recent Trends in Infrastructural Development and Sustainable Materials (IC-RTIDSM-2024		organized by G. H. Raisoni College of Engineerng, Nagpur on 9-10 February 2024

7	Dr. U R Awari	“Review of Magnetorheological Dampers: An Analytical Comparison Of Bouc-Wen and Modified Bouc-Wen Models For Seismic Resilience”	2024	12th International Conference on Recent Challenges in Engineering and Technology	(ICRCEP-24), Bangalore, India Institute For Educational Research and Publication (IFERP) held on 23rd - 24th April 2024
8	Dr. M V Waghmare,	“Review of Magnetorheological Dampers: An Analytical Comparison Of Bouc-Wen and Modified Bouc-Wen Models For Seismic Resilience”	2024	12th International Conference on Recent Challenges in Engineering and Technology	(ICRCEP-24), Bangalore, India Institute For Educational Research and Publication (IFERP) held on 23rd - 24th April 2024

#### 4.5 PAPERS PUBLISHED IN JOURNALS

Term One						
S. No	Authors	Document Details	Year	Source Details	ISBN/ISSN	Publisher
1	P R Satarkar	Published paper on “Dynamic Analysis of RC Building under Blast load using IS4991”	2023	Indian Institution of Industrial Engineering	ISSN 0970-2555.	
2	P R Satarkar	Published paper on “Construction Management of Chimney Using Primavera P6”	2023	Alochana Journal	ISSN: 2231-6329.	
3	P R Satarkar	Published Paper on “Input variable selection of Artificial Neural Network for Prediction of stresses in Extended Shear Tab connection”	2023	recent development in structural engineering, volume 1, springer		

4	P R Satarkar	Published Paper on “Seismic Analysis of Five-Storied Building Using U-Shaped hybrid Isolator and Lead Rubber Bearing Isolator”	2023	Civil Engineering for Multi hazard risk reduction, Springer Nature Singapore		
5	Dr S S Bhuinyan	Published paper on Size Effect in Bending Stress of Composite Beam	2023	Indian Journal of Technical education Vol. 46 Special Issue, July, 2023 pp 1-4.		
6	S P Khedekar	Published a research paper “Prediction of air quality level using sarima model in Pune city of India”	2023	in Scopus Indexed Journal, Journal of Data Acquisition and Processing.		
7	Dr V N Patil	Published a paper on Flood Assessment of Western Maharashtra Region using QGIS	2023	The Indian Journal of Technical Education, ISTE		
8	Dr S R Parekar	Published paper on Landslide Prediction Modelling in the Maharashtra Region of Western Ghats	2023	Alochana Journal Vol. 13, June, 2023.		
9	Dr S R Parekar	Published paper on Physio chemical analysis of water from catchment area using GIS (994-1008).	2023	Alochana Journal Vol. 13, June, 2023		
10	Dr. D V. Wadkar	“Early age evolution and Prediction of compressive Strength of concrete”	2023	International Journal of Novel Research and Development	Volume 8, Issue 7 July 2023 ISSN: 2456-4184	

11	Dr. M V. Waghmare	“Early age evolution and Prediction of compressive Strength of concrete”	2023	International Journal of Novel Research and Development	Volume 8, Issue 7 July 2023 ISSN: 2456-4184	
12	Dr. M. V. Waghmare	“Seismic analysis of RC structure by considering soil structure interaction (SSI)”	2023	International Research Journal of Engineering and Technology (IRJET)	Volume: 10 Issue: 07   July 2023 e-ISSN: 2395-0056	

Term Two						
S. No	Authors	Document Details	Year	Source Details	ISBN / ISSN	Publisher
1	Dr V N Patil	Published a paper on M-Sand Wash Plant QGIS	2023	The Indian Journal of Technical Education, ISTE		
2	Dr. G.C.Chikute	International Symposium on Sustainable Waste Management	2024	(ISSWM-2023) 22nd – 24th September 2023 SR. NO 37,41,42,46,47,48 ISBN: 978-93-340-1478-5		
3	S A Chavan	Published a paper on ‘Seismic Effect on medium rise reinforced concrete building considering vertical irregularities under the effect of soil structure interaction’	2024	The Indian Journal of Technical Education, ISTE		
4	Dr S K Nalawade	Published a paper on ‘Traffic	2024	Eur. Chem. Bull. 2023,12(Special Issue 5), 3007-3015		

		Congestion Charging And Implementati on Issues’,				
5	Dr. S S Bhuinyan	“Evaluation of strength properties of self-compacting recycled aggregate concrete using soft computing methods”	2024	Journal of Materials Engineering. Vol No. 51, Issue No 2, Dec 2023, pp881 to 889.		
6	Dr. Shilpi Bhuinyan	“A Case Study: Innovating Energy Dissipation In Ogee Spillways With Modified Ski Jump Designs”	2024	Educational Administration: Theory and Practice, 2024 30(5), pp 8528-8535. Doi:10.53555/kuey.v30i5.3740.		
7	Dr. Shilpi Bhuinyan	“Crack identification of beam using digital image processing technique”,	2024	Structures and building,		ISSN 0965-0911   E-ISSN 1751-7702.
8	S A Chavan	Published a paper titled “Use of ANN for cost estimation of Building projects”	2024	IRJET, volume 11, issue 5, May 2024		
9	S A Chavan	Published a paper titled “Effect of soft storey and infill walls on seismic response in zone 4 and 5”	2024	IJASRET, volume 7, issue 5, May 2024		
10	S A Chavan	Published a paper titled “Effects of	2024	in Industrial Engineering Journal, volume 53, issue 5, no. 13 May 2024		



		variations in the design parameters of cantilever retaining wall”				
11	Dr. M V Waghmare	“Response Of Buckling Restrained Braced-Diagrid Structure”	2024	Industrial Engineering Journal, Volume : 53, Issue 6, No.5, June : 2024		ISSN: 0970-2555
12	Dr S R Parekar	published paper on Reclamation of the Road Using Cement Treated Sub base	2024	IJRPR Vol 4 , Dec 2023.		

#### 4.6 BOOK / ARTICLE PUBLICATIONS

Term One				
Author	Title of the Book	Published by	ISBN	Year
Dr (Mrs) V N Patil	“Introduction To Data Science”			
Mrs K N Kulkarni	“Basic Civil Engineering”	KK Publishers and Distributers	ISBN: 978-93-5850-968-7	2023
Dr. S S Bhuinyan	“Basic Civil Engineering”	KK Publishers and Distributers	ISBN: 978-93-5850-968-7	2023
Dr. S D Nagrale	“Basic Civil Engineering”	KK Publishers and Distributers	ISBN: 978-93-5850-968-7	2023
S P Khedekar	“Basic Civil Engineering”	KK Publishers and Distributers	ISBN: 978-93-5850-968-7	2023

Term Two				
Author	Title of the Book	Published by	ISBN	Year
NIL				

#### 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 B Nangare	128	Dr. V N Patil	33
Dr. S R Parekar	28	Dr. R D Nalawade	61
Dr. D V Wadkar	111	Dr. M V Waghmare	59
Dr. A A Manchalwar	72	Dr. S D Nagrale	192

**Total Citations of Department:**

#### 4.8 ME AWARDED

Sr No	Name of Supervisor	Title of Thesis	Name of Candidate
	Dr. Shilpi B	Effect of Inverted V-Brace system on seismic behavior of G+10 MRF Steel frame located in seismic Zone	Anerao Aniket Ramkrishna
	Dr. M V Waghmare	Optimal Hybrid Outrigger Locations for Tall Structures	Aniket Hemraj Sukare
	Dr. P B Nangare	Ground Vibration Control of RC Structure using U-Shape Base Isolation System	Chavane Kalyani Shivaji
	Dr. M V Waghmare	Evaluation of Reinforced Concrete Building Equipped with Optimized Magnetorheological Damper	Dhake Nayan Krishna
	Dr. Shilpi B	Convolutional Neural Network Based Crack Detection Reinforced Concrete Beam	Divekar Sneha Dasharath
	Dr. M V Waghmare	Vibration Control of Elevated Water Tank Staging	Khan Mohd Shabaaz Salim
	Dr. P B Nangare	Vibration Control of Structures using inelastic Tuned Mass Damper	Misal Mrunmyee Avinash
	Dr. U R Awari	Comparative Analysis of Pre Engineered and Conventional Steel Building	Patil Shrirang Nandkishor
	Dr. M V Waghmare	Response of Buckling Restrained Braced Diagrid Structure	Patil Soham Suryaji
	Dr. G C Chikute	Effect of Vibrations in Design Parameter of RCC Cantilever Retaining Wall	Tayade Unmesh Manohar
	Dr. U R Awari	Wind Analysis of RC Building resting on sloping ground	Todkar Darshan Ramchandra
	Dr. G C Chikute	Dynamic Analysis of Blast Loading on RCC Building	Gaurav Shamkant Salunkhe

#### 4.9 Ph.D. GUIDE DETAILS

Name of Faculty who are PhD Supervisor	Number of Scholars Registered
Dr. D V Wadkar	5
Dr. V N Patil	5

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

Sr No	Name of Supervisor	Title of Thesis	Name of Candidate
NIL			



Department of Civil Engineering organized One-week FDP under ATAL Scheme on 'Earthquake Engineering & Vibration Control' during 11.12.23 to 16.12.23



Expert Talk on "Rejuvenation of Dams-Need of the hour" by Lt. Col Suresh Patil, Founder President, Greenthumb Environment Protection Group.



A workshop on "Plumbing System" by Mr. Shyam Deshmukh, Business Development manager, Paras Group of Industries.



Workshop on "Virtual Tile Applicator Module" organised by UltraTech Cement Limited and Department of Civil Engineering, AISSMS COE, Pune, on 22 March 2024

# **5.INTERACTION WITH INDUSTRY**

## 5.1 INDUSTRY VISITS ORGANISED

Term One					
Sr. No.	Faculty Coordinator	Class	Number of students attended	Industry Name and Address	Date of visit
1	Dr G C Chikute P R Modak	BE	100	Sant Tukaram Sahkari Sakhar Karkhana Ltd, Mulsi, Pune	25/10/2023
2	Dr S R Parekar S A Chavhan C S Misal S P Khedekar	SE	90	Pune Metro	25/08/2023
3	C S Misal S P Khedekar	SE	90	College of Military Engineering	07& 08/09/2023
4	Dr V S Chavhan U J Jadhav Dr S K Nalawade K D K Ashid A A Machalwar	BE	88	CWPRS, Khadakwasla, Pune	06/10/2023
5	U J Jadhav M S Chiwande	TE	44	Constrologis Engg and Research service Pvt Ltd Chinchwad	27/10/2023
6	Dr U R Awari P R Satarkar	TE	53	Pune Railway Station	30/10/2023
7	U J Jadhav C R Yeole	TE	80	Varasgaon Dam Varasgaon, Pune	26/10/2023
8	Dr U R Awari P R Satarkar	TE	102	B G Shirke Construction Technology Moshi, Pune	04/10/2023
9	Dr D V Wadkar P R Modak	TE	60	Water Supply Engineering at Parvati WTP	12 & 13/10/2023
10	Dr S K Nalawade	SE & ME	94 + 04	MERI Nashik	27/10/2023
11	Dr S D Nagrale	BE	69	Surbhi Construction	02/11/2023

	K N Kulkarni				
12	Dr S D Nagrale K N Kulkarni Dr G C Chikute	BE	69	Road Construction, Chikhalwadi, Khadki, Pune	03/11/2023
13	Dr S R Parekar S P Khedekar	SE	42	DESIGN BY TA	24/11/2023

Term Two					
Sr. No.	Faculty Coordinator	Class	Number of students attended	Industry Name and Address	Date of visit
1	C R Yeole	BE	62	Transformer room AISSMS COE Pune	11/03/2024
2	U J Jadhav C S Misal C R Yeole Dr S K Nalawade	SE	78	Field Survey of Road and Tachometric Project	28/02/2024
3	Dr S R Parekar P R Satarkar	TE	67	Centre of Excellence Lab	25/04/2024
4	Dr S R Parekar P R Satarkar S A Chavan S S Bhuniyan	TE	100	Naidu Hospital College Building	07/03/2024
5	Dr S D Nagrale	TE	17	PMC Kshetra Karyalay	23/04/2024
6	Dr D V Wadkar P R Modak	TE	56	Naidu Hospital STP Plant	04/04/2024
7	Dr P B Nangare Dr V S Chavhan Dr S S Bhuniyan	BE	94	Koyna Dam	04/04/2024 & 05/04/2024

## 5.2 EXPERT LECTURES / WEBINARS DELIVERED BY INDUSTRY EXPERTS

Term One						
Sr. No.	Faculty Coordinator	Classes	Number of students attended	Name, Industry, designation and contact details of Expert	Topic	Date
1	Dr G C Chikute P R Modak	BE	BE	K B Gandhi AISSMS COE	Air Pollution & Control	18/10/2023
2	Dr V N Patil C R Yeole	TE	TE	Tasneem Chhawaniwala (Regional Sales Manager : VPlan, Canada)	Delivering construction project Profitably is a challenge	19/08/2023
3	Dr S S Bhuniyan S P Khedekar	All	All	Mahesh Jangire Asst Commissioners of Police	Career guidance and Preparation for competitive exams	04/08/2023
4	U J Jadhav C R Yeole	TE	TE	Aarati R Khandelwal Asst Executive Engineer Maharashtra	Hydrology and Water Resource Engineering	01/11/2023
5	P R Satarkar	All Students	All Students	Sumedh Thorat Project Manager BARTI Pune	Constitution of India	05/09/2023
6	Dr S R Parekar S A Chavhan	SE	SE	Anil Bandre : Director Pillar Consulting Engineers	Practical approach of Mechanics of Structures	25/10/2023
7	Dr G C Chikute	BE	BE	K B Tapse : K B P College of Engineering	Transportation Engineering	27/10/2023

Term Two						
Sr. No.	Faculty Coordinator	Classes	Number of students attended	Name, Industry, designation and contact details of Expert	Topic	Date
1	C R Yeole Dr S K Nalawade	SE	84	1) Mr Kiran Nalawade & Ravindra Wabjale Shapporji & Pallanoji E & C Pune	Construction Survey: Setting out of works through software	20/04/2024
2	M S Chiwande	All classes (Women)	79	Gitanjali Thite (Certified life coach DEI consultant)	Embracing your uniqueness: Discovering your	07/03/2024

					remarkable self	
3	Dr V N Patil	TE		Digvijay Shinde Contractor and Cosulting firm	Cloud Computing RS-GIS	06/02/2024
4	K N Kulkarni S P Khedekar	SE	89	Chinmay Borgaokar CBRE Pune	Importance of Project management in construction industry	23/04/2024
5	S P Khedekar	All classes	96	IWWA: Retd. Lt. Col Suresh Patil Founder President Green Thumb Environmental protection Group	Rejuvenation of Dams: Need of the hours	09/02/2024
6	Dr S R Parekar	TE	61	Harshwardhan Ket	Preparation for Gate 2024	10/04/2024

### 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 K N Kulkarni	Development of IOT based mechanism to detect over and under loading of Rail Wagon and its effect on track	J Associates Property Developers & Central Railway
2	Dr K N Kulkarni	FRP Structures	Mavin Adhesive Pvt Lts, Hadpsar
3	Dr R D Nalawade	Analysis of Irshalwadi (Raigad): Landslide using Plaxis 2D	Mark Infracity Developers Pvt Ltd Jamkheed
4	P R Modak		Chattrapati Shahu Sahkari karkhana Ltd
5	Dr S R Parekar	Physio Chemical Analysis of catchment water quality	aqua Laboratories



#### 5.4 MOU SIGNED WITH INDUSTRY

<b>Total Functional / Live MoU initiated 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>
1	Dr P B Nangare	Builders Association of India	2021	Lifetime
2	Dr S R Parekar	Ferrocement	2021	Lifetime
3	Dr. V N Patil	8) Struengineers (India) Pvt. Ltd, Pune Neha Realtors Pvt.Ltd. Pune	18/05/2021 07/11/2022	18/05/2026 07/11/2027
4	Dr. R D Nalawade	9) Shree Samarath Associates	20/05/2022	19/05/2027
5	Dr. D V Wadkar	6) Avishkar Realty,Pune. Mr. Kavish Takawani 10) Zhala Group	21/07/2021 01/09/2022	21/07/2026 01/09/2027
6	Dr. G C Chikute	15) Dighe Construction, Charoli, Pune 16) S.M. Khatib Construction Parali Maharashtra 7) Kunal Chawada Civil Engineering Consultant	06/10/2022 03/10/2023 01/03/2022	06/10/2027 03/10/2027 28/02/2027
7	Dr. V S Chavhan	17) Water Field research foundation Thane	25/09/2021	25/09/2027
8	P R Modak	18) Water Field Technmology Pvt. Ltd.	25/09/2021	25/09/2026
9	K N Kulkarni	19) Sudhir Construction	07/11/2022	07/11/2027
10	M S Chiwande	9) Kawlity Architect and Consultancy 10) Vastushree Construction 20) Lotus reality builders and Developers	11/10/2022 31/10/2022 11/12/2022	11/10/2027 31/10/2027 11/12/2027
11	S A Chavan	9) Sustain & save India Pvt. Ltd 10) Kunal Chawada Civil Engineering Consultant 11) Mageba Pty Ltd., Sydney, Australia	01-11-2020 01/03/2022 01/05/2021	Lifetime 28/02/2027 01/05/2026

12	U J Jadhav	9) Creative Developer Silver Mist Sadashiv peth, Pune	09/09/2022 09/09/2022 14/09/2021	09/09/2027 09/09/2027 14/09/2026
		10) Bushra Construction Bhavani peth, Pune		
		11) Suraj Construction, Dhayari Pune		
13	Dr S S Bhuniyan	15) Green Ecomes Solutions Pvt. Ltd. (GES)	14/09/2021 28/09/2022 23/05/2022	14/09/2026 28/09/2027 22/05/2027
		16) Ultratech Cement Ltd	16/02/2024 07-03-2024	15/02/2029 Lifetime
		17) Vastushree Construction		
		18) CoE with Ultratech Cement Ltd.4 <sup>th</sup>		
		11) Pune Construction Engineering (PCERF)		
14	S P Khedekar	19) DESIGN BY T A , 1070, Subhash nagar, Shukarwar Peth	11/10/2022	10/10/2027

### 5.5 FACULTY MEMBERS UNDERGONE INDUSTRIAL TRAINING

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

Term Two			
Sr. No.	Name of Faculty	Name of Industry	Dates and Duration
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)
NIL						

Term Two						
Sr. No.	Name of the Student	Name of the Industry	Class	Training duration		
				Start date	Last date	Duration (days)
1	Abbad Jayraj Anil	Shri Vardhman Infra	TE	12-12-2023	01-11-2024	4
2	Ambalkar Sarvadnya Anil	SHANKAR CONSULTANCY	TE	12/13/2023	1/14/2024	4
3	Bagade Ashish santosh	Millennium engineering and contractors	TE	12-12-2023	1/15/2024	4
4	Bagal Rutuja Rajendra	A.J.Homes	TE	12/19/2023	1/20/2024	4
5	Bambale Harshvardhan	Generic Engineering Construction and	TE	12/16/2023	1/15/2024	5
6	Bambale Rajvardhan Ajit	Generic Engineering Construction and	TE	12/16/2023	1/15/2024	5
7	Bandal Vaishnavi	Sp construction (government)	TE	12/13/2023	01-12-2024	4
8	Bangi Armaan Rafique	G.B Bagade	TE	12-12-2023	1/13/2024	5
9	Bankar Soham Atul	Ganesh More associates	TE	12-12-2023	1/13/2024	4
10	Barbade Pravin Prabhakar	Shrikar M. Barbade	TE	12/13/2023	1/14/2024	5
11	Barde Pranav Shivnath	Hirani Enterprises	TE	12/13/2023	1/13/2024	4
12	Bhoiwnad Saurabh	Hirani Enterprises	TE	12/13/2023	1/13/2024	4
13	Bhondve Vedant Kumar	ARYA INDUSTRIES	TE	12/13/2023	01-12-2024	4
14	Bhosale Amar Shivdas	CAPELLA (Dhankawade Group)	TE	1/13/2024	01-12-2024	5
15	Bhosale Mandar Ramesh	Ashi Solutions	TE	12-12-2023	12-01-2024	4
16	Bhosale Sakshi Sanjay	Shree Venkatesh Malhar Builders,	TE	12-12-2023	01-11-2024	4

17	Bodele Sajan Murlidhar	Millennium Engineers & Contractors Limited	TE	12/13/2023	01-12-2024	5
18	Bodkhe Bhagyesh	Abhinav Infra	TE	12/15/2023	1/14/2024	4
19	Chakor Nitin Somnath	Millennium Engineers & Contractors Limited	TE	12-12-2023	1/13/2024	4
20	Chaukate Saurabh	AMIT ENTERPRISES	TE	12-12-2023	01-12-2024	4
21	Chavan Vijay Sumeet	Moze properties	TE	12-12-2023	01-12-2024	4
22	Chikane riya devidas	Millennium engineers and contractors Pvt	TE	12/13/2023	01-12-2024	4
23	Chopade Pooja Samadhan	Krushnaratna Developers	TE	12-12-2023	1/13/2024	4
24	Dangat Arya Umesh	Dhankawade Group	TE	12-12-2023	01-12-2024	4
25	Desale Suyash Vishnu	Millenium Engineers and Contractors Pvt	TE	12-12-2023	1/13/2024	5
26	Deshpande Raghav Rajesh	Shree Somnath Strongbuilt	TE	12/15/2023	1/25/2024	6
27	Dhotre Rajat Dattatray	Abhinav Infra	TE	12/15/2023	1/14/2024	4
28	Dube Ajay Sanjay	Bhagwati Groups	TE	12-12-2023	01-12-2024	4
29	Firodiya Tilak Bhushan	Vantage Tower	TE	12-10-2023	1/13/2024	4
30	GADE SAHIL SHARAD	Aashi Solutions	TE	12-12-2023	01-12-2024	4
31	Gaikwad Kapil Milind	Millennium Engineers & Contactors, Pvt.Ltd	TE	12-11-2023	01-10-2024	4
32	Gargote Vaishnavi	ATHARVA KAMTHE	TE	12-10-2023	1/15/2024	4
33	Gavade vinayak vijay	Shivkashi associates pvt ltd	TE	12-10-2023	01-12-2024	6
34	Gawande Harshada Ishwar	Krushnaratna Developers	TE	12/13/2023	01-12-2024	4
35	Gawari Akshay Kisan	Arya industries	TE	12/14/2023	1/13/2024	4
36	Gawari Rajesh Rohidas	Mane construction and developers	TE	12/13/2023	1/13/2024	4
37	Ghadge Divya Ambadas	Venkatesh Skydale	TE	12-11-2023	01-10-2024	4
38	Ghanvat Samruddhi vijay	GK constructions	TE	12/13/2023	1/13/2024	4
39	Gholap Yashraj Nitin	Shree Krishna construction	TE	12-12-2023	1/14/2024	4
40	GHOLVE SAGAR	Gaytri Developers	TE	12/14/2023	1/27/2024	4
41	GHORPADE AVIRAJ	Kumar Properties	TE	12-12-2023	01-12-2024	4
42	HANWATE SIDDHI K	Haardhik Impulse Heights	TE	12-12-2023	01-12-2024	5

43	Hudge Annapurna V	Kamthe Construction	TE	05-10-2024	5/15/2024	4
44	JADHAV ADITYA	Genric Engineering Construction and	TE	12/16/2023	1/15/2024	4
45	Jadhav Mahesh Sanjay	Shri Vardhman Infra	TE	12-12-2023	01-11-2024	4
46	Jadhav Mithilesh Sunil	Venkatesh	TE	12/18/2023	1/25/2024	6
47	Jadhav Roshani D	Soil and water conservation	TE	12/15/2023	1/15/2024	5
48	Jagdale Manasvi Mahesh	Venkatesh skydale buildcon	TE	12-11-2023	01-10-2024	4
49	Jagtap Akash Manoj	Millennium Engineers & Contractors Limited	TE	12/20/2023	1/22/2024	4
50	Kadam Prathamesh S	Arya industries	TE	12/15/2023	01-10-2024	4
51	Kadus Prajakta Arun	Vyankatesh Construction and	TE	12-10-2023	1/15/2024	5
52	Kalamkar Ketan Goraksh	Haardhik Impulse Developers LLP	TE	12-12-2023	01-12-2024	4
53	KALEBAG SHREYASH S	Millennium Engineers and Contractor LTD,	TE	12/13/2023	01-12-2024	4
54	Khomane Tejas Arun	Millennium construction	TE	12/13/2023	01-12-2024	4
55	Kinholkar Sanchit Sanjay	FIREWINGS INFRACON	TE	12/15/2023	1/14/2024	4
56	Korlekar Vaishnavi	Rajvansh Group	TE	12-11-2023	01-11-2024	4
57	Kulkarni Aniruddha D	Impulse Construction	TE	12-12-2023	01-12-2024	4
58	Kumar Ayush kumar	Haardik impulse heights	TE	12-10-2023	01-10-2024	4
59	Kumbalkar Sameep J	Impulse Construction	TE	12-12-2023	12-01-2024	4
60	Lagad Aary Narsing	Nanded City Construction Ltd	TE	12-10-2023	01-12-2024	4
61	Lokhande Abhishek Tanaji	Shriraj Construction Satara	TE	12/13/2023	01-10-2024	4
62	Kamble Sakshi Santosh	Millennium Engineers and Contractors Pvt	TE	12/13/2023	1/13/2024	4
63	Karale Yash Sunil	Millennium engineers and contractors ltd	TE	12/13/2024	1/13/2024	4
64	Koli Shivam Suresh	Millennium Engineers & Contractors Limited	TE	12/13/2023	1/13/2024	5
65	KOLPE SAMIKSHA S	Krushnaratna developers	TE	12/13/2023	01-12-2024	4
66	LOKHANDE ANIKET S	Millennium engineers and contractors ltd	TE	12-12-2023	1/13/2024	4
67	Mahajan Chaitrali Y	Millennium engineers and contractors	TE	12/13/2023	01-11-2024	4
68	Mali Jyoti Dadasaheb	Swastivastu Developers LLP	TE	12/18/2023	1/18/2024	5

69	Mali Rohan Prakash	Millenium engineers and contractors LTD	TE	12/15/2023	01-12-2024	4
70	Nagawade Gauri Madhukar	Shri Vardhman Infra	TE	12-12-2023	01-11-2024	4
71	Nangare Shantanu P	Millennium Engineers and Contractors	TE	12/13/2023	1/13/2024	4
72	Narsinge Mayuri Madhukar	Millennium Engineers and Contractors Pvt	TE	12/13/2023	1/14/2024	4
73	Nigade Atharva Sanjay	MECPL	TE	12/13/2023	05-11-2024	4
74	PANCHAL AJAY OMKAR	VARDHAMAN INFRA	TE	12-12-2023	01-11-2024	5
75	Parelliwar Chahul Rajendra	Millennium engineers and contractors	TE	12/13/2023	4/13/2024	4
76	Patil Dnyanesh Madhukar	Nirmiti Constructions	TE	12-12-2023	01-11-2024	5
77	Patil Prathamesh Babaso	Millennium engineers and contractors	TE	12/15/2023	1/13/2024	4
78	Patil Sukruti Chetan	Millennium	TE	12/13/2023	1/13/2024	4
79	Patil Tushar Tanaji	Millenium Engineers and Contractors Pvt.	TE	12/13/2023	01-12-2024	5
80	Patil yash vinod	Nirmiti construction	TE	12-11-2023	1/13/2024	4
81	Pawar Chirag Sunil	Millennium Contractor and	TE	12/13/2023	01-11-2024	4
82	Pawar Manav Nagesh	Ratnarup Projects PVT.LTD	TE	12/13/2023	01-12-2024	4
83	Pisal Jaideep Suresh	Millenium	TE	12/13/2023	1/13/2024	4
84	Purohit Sachinkumar U	Suvidha Enterprises	TE	12-12-2023	01-11-2024	4
85	Saraf Mital Abhaykumar	Millennium Engineers & Contractors Limited	TE	12/13/2023	1/13/2024	5
86	Sarpe Kunal Kiran	Millennium Engineers & Contractors Limited	TE	12/15/2023	1/13/2024	4
87	Satpute Himanshu D	Dabhade Construction,	TE	12-11-2023	01-11-2024	5
88	Savadi Snehit Suresh	Ratnarup projects pvt Ltd	TE	12/13/2023	01-12-2024	4
89	SAWALE MRUNAL S	Wellington pride world city	TE	12/13/2023	1/13/2024	4
90	Sawant Tejas Ashok	Vijay Engineering & Sons	TE	12/13/2023	1/13/2024	4
91	Shaikh Galib Munvar	Millennium Engineer and contractor Pvt Ltd	TE	12-12-2023	01-12-2024	4
92	Shelar Siddhesh Ramrao	Arya Consultant	TE	12/15/2023	1/15/2024	4
93	Shete Aniruddha C	Aashi Solutions	TE	12-12-2023	01-12-2024	4
94	Shinde Ankita Ravindra	Millennium engineers and contractors pvt	TE	12-12-2023	12-01-2024	5

95	Shinde Satyajet Sandip	Millennium engineers and contractors pvt	TE	1/15/2024	1/13/2024	4
96	Shinde Tejas Shivaji	Ratnarup Projects pvt. Ltd.	TE	12/13/2023	1/13/2024	4
97	Shivam Sunil Deokate	Amit Enterprise's	TE	12-12-2023	01-12-2024	4
98	Soni Himanshu Mangilal	Kevin Properties	TE	12/13/2023	01-12-2024	4
99	Sonvane Prathmesh	Millenium Engineers and Contractors Ltd,	TE	12/16/2023	1/18/2024	4
100	Suralkar Abhishek Dilip	AARAMBH BUILDERS	TE	12/17/2023	1/13/2024	4
101	TAYADE KRUSHNA R	Millenium Engineers & contractors private	TE	12/13/2023	01-12-2024	4
102	TIDKE VISHAL	Millennium engineers and contractors pvt.	TE	12/13/2023	1/14/2024	5
103	Tilekar Aryan Shantanu	Millennium Engineers and Contractors Pvt.	TE	12/13/2023	1/13/2024	4
104	Tonde prachi Dnyandeo	Krushnaratna Developers	TE	12/13/2023	01-12-2024	4
105	Ubhe Sanika Dnyaneshwar	Millennium engineers and contractors pvt	TE	12/13/2023	01-12-2024	4
106	Ugalmogale Akshay Ashok	RAJ INFRASTRUCTURE	TE	12-11-2023	01-11-2024	4
107	VARMA SMIT AJAY	Foresight consultants	TE	12/15/2023	1/15/2024	4
108	Vyavahare Dhanshree B	Raheja Sterling	TE	12-12-2023	01-12-2024	5
109	Wagh Sarang Suhas	Millennium Engineer's and contractors Ltd	TE	12/13/2023	01-12-2024	4
110	Waychal Ojaswi Vinod	Technogreen Environmental Solutions	TE	12-11-2023	06-11-2024	4

**5.7 LIST OF INDUSTRIES SUPPORTED IN THE ORGANISATION OF WORKSHOPS/SEMINARS/WEBINARS/CONFERENCES/COURSES AND ANY OTHER CONTRIBUTION OF INDUSTRY**

<b>Term One</b>			
<b>Sr. No.</b>	<b>Faculty Coordinators</b>	<b>Industry Representative and Name of Industry</b>	<b>Nature of Contribution</b>
NIL			

<b>Term Two</b>			
<b>Sr. No.</b>	<b>Faculty Coordinators</b>	<b>Industry Representative and Name of Industry</b>	<b>Nature of Contribution</b>
NIL			

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

<b>Term One</b>			
<b>Sr. No.</b>	<b>Faculty Coordinator</b>	<b>Technical Area in which Training Provided / Type of Support</b>	<b>Industry Name</b>
NIL			

<b>Term Two</b>			
<b>Sr. No.</b>	<b>Faculty Coordinator</b>	<b>Technical Area in which Training Provided / Type of Support</b>	<b>Industry Name</b>
1	Dr. S S Bhuinyan	Workshop on “Virtual Tile Applicator Module” organised by UltraTech Cement. Limited and Department of Civil Engineering, AISSMS COE, Pune, on 22 March 30, 2024, 10:30 am onwards under Centre of Excellence Laboratory.	UltraTech Cement
2	Dr. S S Bhuinyan	Training on “UltraTech Building Products and Services” for SP Traders Sales/Marketing personnels organised by UltraTech Cement Limited and Department of Civil Engineering, AISSMS COE, Pune, on 26 May 2024, 10:00 am onwards under Centre of Excellence Laboratory.	UltraTech Cement
3	Dr. S S Bhuinyan	Seminar on “Yellow Belt Activity” for Sales Staff of our Stockiest - Shree Datta Traders Pune, organised by UltraTech Cement Limited and Department of Civil Engineering, AISSMS	UltraTech Cement



		COE, Pune, on 05 June 2024, 10:00 am onwards under Centre of Excellence Laboratory.	
4	Dr. S S Bhuinyan	Workshop on “Level -3 Skill Building Workshop for Practising Contractors” organised by UltraTech Cement Limited and Department of Civil Engineering, AISSMS COE, Pune, on 22 Feb 2024, 16:00 pm onwards under Centre of Excellence Laboratory.	UltraTech Cement
5	Dr. S S Bhuinyan	Workshop on “UltraTech Building Products” for Practising Contractors Students and Faculties organised by UltraTech Cement Limited and Department of Civil Engineering, AISSMS COE, Pune, on 30 April 2024, 12:00 pm onwards.	UltraTech Cement

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

Term One			
Sr. No.	Faculty coordinator	Name of Activity	Remark
NIL			

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

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

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

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





Training on “UltraTech Building Products and Services” for SP Traders Sales/Marketing personnels organised by UltraTech Cement Limited and Department of Civil Engineering, AISSMS COE, Pune, on 26 May 2024



Seminar on “Yellow Belt Activity” for Sales Staff of our Stockiest - Shree Datta Traders Pune, organised by UltraTech Cement Limited and Department of Civil Engineering, AISSMS COE, Pune, on 05 June 2024



Workshop on “Level -3 Skill Building Workshop for Practising Contractors” organised by UltraTech Cement Limited and Department of Civil Engineering, AISSMS COE, Pune, on 22 Feb 2024



Workshop on “UltraTech Building Products” for Practising Contractors Students and Faculties organised by UltraTech Cement Limited and Department of Civil Engineering, AISSMS COE, Pune, on 30 April 2024



Department of Civil Engineering, AISSMS COE, Pune in association with Pune Construction Engineering Research Foundation have organised the exchange of memorandum of understanding (MoU) on Friday, 12th April 2024



Department of Civil Engineering, AISSMS COE, Pune in association with Pune Construction Engineering Research Foundation have organised the Expert session on Friday, 12th April 2024

# **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>
Shreya Yadav	Secured a 2nd place in the Industrial Design Problem competition at AAKAAR, in IIT conference, Aakaar-2024.	Technical
Unmesh Tayade,	Presented Paper in International Symposium on Sustainable Waste Management (ISSWM-2023) 22nd – 24th September 2023 Sr. No 37,41,42,46,47,48 organized by International Symposium on Sustainable Waste Management (ISSWM-2023) 22nd – 24th September 2023 ISBN: 978-93-340-1478-5	Technical
Shrawani Suryavanshi	Presented Paper in International Symposium on Sustainable Waste Management (ISSWM-2023) 22nd – 24th September 2023 Sr. No 37,41,42,46,47,48 organized by International Symposium on Sustainable Waste Management (ISSWM-2023) 22nd – 24th September 2023 ISBN: 978-93-340-1478-5	Technical
Shreya Yadav	Presented Paper in International Symposium on Sustainable Waste Management (ISSWM-2023) 22nd – 24th September 2023 Sr. No 37,41,42,46,47,48 organized by International Symposium on Sustainable Waste Management (ISSWM-2023) 22nd – 24th September 2023 ISBN: 978-93-340-1478-5	Technical
Sakshi Akhade	Presented Paper in International Symposium on Sustainable Waste Management (ISSWM-2023) 22nd – 24th September 2023 Sr. No 37,41,42,46,47,48 organized by International Symposium on Sustainable Waste Management (ISSWM-2023) 22nd – 24th September 2023 ISBN: 978-93-340-1478-5	Technical
Trupti Kolte	Presented Paper in International Symposium on Sustainable Waste Management (ISSWM-2023) 22nd – 24th September 2023 Sr. No 37,41,42,46,47,48 organized by International Symposium on Sustainable Waste Management (ISSWM-2023) 22nd – 24th September 2023 ISBN: 978-93-340-1478-5	Technical
Soham Joshi	Won the 1st prize in Civispark - Building Buddy competition.	Technical

<b>Term Two</b>		
<b>Name of Student</b>	<b>Details of Achievement (State/University/ National/International Level)</b>	<b>Remark (Domain)</b>
Soham Joshi	Presented a paper “Automated clash detection in Revit; under the guidance of Dr. S. Bhuinyan, in the Conference, All India Seminar on Green Technology for Sustainable Development organized by The Institution of Engineers (INDIA) on 30.03.2024 to 31.03.2024.	Technical

Vanshika Joshi	Presented a paper “Automated clash detection in Revit; under the guidance of Dr. S. Bhuinyan, in the Conference, All India Seminar on Green Technology for Sustainable Development organized by The Institution of Engineers (INDIA) on 30.03.2024 to 31.03.2024.	Technical
Amey Shinde	Presented a paper “Automated clash detection in Revit; under the guidance of Dr. S. Bhuinyan, in the Conference, All India Seminar on Green Technology for Sustainable Development organized by The Institution of Engineers (INDIA) on 30.03.2024 to 31.03.2024.	Technical
Aditya Phule	Presented a paper “Automated clash detection in Revit; under the guidance of Dr. S. Bhuinyan, in the Conference, All India Seminar on Green Technology for Sustainable Development organized by The Institution of Engineers (INDIA) on 30.03.2024 to 31.03.2024.	Technical
Arbaz Mapkar	Presented a paper on “Anchoring System for Floating Solar: A Comprehensive Design Approach” under the guidance of Dr.S. S. Bhuinyan, in IIT conference, Aakaar-2024.	Technical
Pratiksha Patil	Presented a paper on “Anchoring System for Floating Solar: A Comprehensive Design Approach” under the guidance of Dr.S. S. Bhuinyan, in IIT conference, Aakaar-2024.	Technical
Kunal Thorat	Presented a paper on “Anchoring System for Floating Solar: A Comprehensive Design Approach” under the guidance of Dr.S. S. Bhuinyan, in IIT conference, Aakaar-2024.	Technical
Makrand Mali	Won First prize at APCOER in Green Concrete competition on 04.04.2024 jointly organized MSBTE, ICI, J Kumar and B G Shirke Constructions PVT Ltd.	Technical
Hariom Birajdar	Presented a paper “RIVER BASIN MANAGEMENT WITH RSGIS” under the guidance of Dr. V N Patil, in the Conference, All India Seminar on Green Technology for Sustainable Development organized by The Institution Of Engineers (INDIA) on 30.03.2024 to 31.03.2024.	Technical
Sneha Bhalshankar	Presented a paper “RIVER BASIN MANAGEMENT WITH RSGIS” under the guidance of Dr. V N Patil, in the Conference, All India Seminar on Green Technology for Sustainable Development organized by The Institution Of Engineers (INDIA) on 30.03.2024 to 31.03.2024.	Technical
Ayush Rajput	Presented a paper on “Application of Graphene Based Concreting in Developing Sustainable Road Infrastructure “under the guidance of Dr. V N Patil, in IIT conference, Aakaar-2024	Technical
Shubham Shirgave	Presented a paper on “Application of Graphene Based Concreting in Developing Sustainable Road Infrastructure “under the guidance of Dr. V N Patil, in IIT conference, Aakaar-2024	Technical
Rutesh S.Shivsharan,	Presented a paper on “Application of Graphene Based Concreting in Developing Sustainable Road Infrastructure “under the guidance of Dr. V N Patil, in IIT conference, Aakaar-2024	Technical



Himanshu Soni	Won PBL model competition and Avishkar competition at College level	Technical
Aryan Tilekar	Won PBL model competition and Avishkar competition at College level	Technical

**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)
Abhay Mane	Won 2nd prize in Interdepartmental Holley ball Tournament 23-24	Sports
Aditya Phule	Won 1st prize in Interdepartmental Cricket Tournament 23-24	Sports
Soham Surve	Won the Inter collegiate Powerlifting tournament	Sports
Apurva Murkute	Achieved Excellent Performance certificate in Wadgaon Sheri football league tournament 2023	Sports
Shreya Yadav	Presented paper on "I-SAND : An Environmental friendly sand used in reinforced cement concrete construction" in International Symposium on Sustainable Waste Management-2023	Sports

Term Two		
Name of Student	Details of Achievement (State/University/ National/International Level)	Remark ((Domain)
Prathamesh Kadam	Won Inter Departmental Kabaddi tournament	Sports
Janhavi Tirmake	Achieved Grade A (AAA) in B-Certificate Examination Ministry of Defense, Government of India 2023	Extra Curricular

**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
NIL				

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



NIL

#### 6.4 NUMBER OF STUDENTS PLACED

Term One			
Sr No	Name of Student Placed	Name of Organization	Package
1	Aditya J Phule	Indian Construction Machinery Pvt. Ltd.	6.5 LPA
2	Nikhil D Dhavale	Indian Construction Machinery Pvt. Ltd.	6.5 LPA
3	Sahil K Kamthe	Indian Construction Machinery Pvt. Ltd.	6.5 LPA
4	Akash V Magar	Indian Construction Machinery Pvt. Ltd.	6.5 LPA
5	Pranav M Nale	Indian Construction Machinery Pvt. Ltd.	6.5 LPA
6	Harshal Dighe	Royal Gulmohar Reality	6.0 LPA
7	Shubham Shirgave	UltraTech Cement Ltd	6.3 LPA
8	Sarthak Nagmode	UltraTech Cement Ltd	6.3 LPA
9	Shabaaz Khan	UCC Environmental	5.7 LPA
10	Avantika Ghom	vConstruct Private Limited	4.5 LPA
11	Himanshu Patil	Precon	4.5 LPA
12	Vaibhav Panpatkar	Precon	4.5 LPA
13	Vaishali Godbharle	Academor	4.0 LPA
14	Suyash Chavan	Stantec Inc.	3.5 LPA
15	Soham Joshi	Target AEC Global Pvt. Ltd.	3.5 LPA
16	Makrand Mali	Nuvoco Vistas Corp. Ltd.	4.5 LPA
17	Niyati Bhaskar	Nuvoco Vistas Corp. Ltd.	4.5 LPA
18	Shubham C Patil	Nuvoco Vistas Corp. Ltd.	4.5 LPA
19	Gauri Chavan	Thermax	3.5 LPA
20	Shreyas Bankar	Thermax	3.5 LPA
21	Gauri Chavan	Thermax	3.5 LPA
22	Shrawani Bhosale	S N Joshi Pvt Ltd	3.0 LPA
23	Chinmay Chitte	S N Joshi Pvt Ltd	3.0 LPA
24	Suyash Darekar	S N Joshi Pvt Ltd	3.0 LPA
25	Rutesh Shivsharan	S N Joshi Pvt Ltd	3.0 LPA
26	Gaurav Bankar	Neilsoft	3.0 LPA
27	Aditya Nikam	Neilsoft	3.0 LPA
28	Shreya Yadhav	Apah Engineers consultants and Developers	3.0 LPA
29	Tejas Rokade	Knest Manufactures Pvt Ltd.	3.0 LPA

30	Abhay Mane	Knest Manufactures Pvt Ltd.	3.0 LPA
31	Bhagwan Nagargoje	QAQC	2.4 LPA
32	Abhishek Waghmare	Sovereign Infra Steels Pvt Ltd.	2.2 LPA
33	Mayur Gawade	Sovereign Infra Steels Pvt Ltd.	2.2 LPA
34	SanjotBeldar	Sovereign Infra Steels Pvt Ltd.	2.2 LPA
35	Rashi Ugalkar	Sovereign Infra Steels Pvt Ltd.	2.2 LPA
36	Ruchita Salunkhe	Sovereign Infra Steels Pvt Ltd.	2.2 LPA
37	Pratham Bhaleghare	Sovereign Infra Steels Pvt Ltd.	2.2 LPA

Lower Package Offered: 2.2 LPA

Higher package Offered: 6.5 LPA

Average Package Offered: 4.35 LPA

**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
2	Mandar Ravindra Hire	GATE	
3	Tejas Sachin Bhate	GATE	
5	Devayani S. Gurap	GATE	
6	Atharv Dilip Patil	GATE	
7	Pratham Pradeep Bhaleghare	GATE	
8	Ayush Gajendra Rajput	GATE	
9	Prajwal Sunil Dhumal	GATE	
10	Saurabh Suresh Relekar	GATE	
12	Pratik Balu Kale	GATE	
13	Chetan Bhaskar Pardhi	GATE	
14	Chinmay Rajesh Chitte	GATE	
15	Suyash Balasaheb Darekar	GATE	

16	Siddharth Sudhir Mandale	GATE	
17	Hariom Shivdarshan Birajdar	GATE	
18	Sneha Ravi Bhalshankar	GATE	
19	Nikam Aditya Harish	GATE	
21	Shrawani Bharat Bhosale	GATE	
23	Dhanshree Sanjeev Karlekar	GATE	
24	Yashwant Parashuram Khanolkar	GATE	
25	Trupti Arvind Kolate	GATE	
26	Janhavi Tirmake	GATE	
27	Kalpesh Khare	GATE	

**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)
NIL		

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

**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)
NIL			

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



Site Visit of BE Civil students at Koyna Dam for DHS course on 04.04.2024 and 05.04.2024



Educational visit for Survey Road Project at APCOER, Parvati hills on 04.03.2024



**AISSMS**  
COLLEGE OF ENGINEERING  
अभिज्ञानं विद्यायां प्रशस्तयति  
Member of AICTE with 100% State AICTE-022 Programme

Department  
Civil Engineering

## Congratulations!

For Securing Savitribai Phule Pune University (SPPU) Rank  
in Final Year AY 2022-2023



**Akshita H Patil**  
Rank 5- SGPA- 9.775



**Kalpesh P Patil**  
Rank 6- SGPA- 9.7



**Prasad P Adhav**  
Rank 9- SGPA- 9.6

**Regards**

**Dr. P. B. Nangare**  
Head,  
Civil Engineering Department

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

 /AISSMS\_COE

# **7. SUMMARY AND SWOC ANALYSIS**

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

Sr. No.	Details
1	Establishment of Centre of Excellence Laboratory with Ultra Tech Cement Pvt Ltd. First such lab in Maharashtra state

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

FACULTY	ACTIVITY
Department	Department has initiated starting of PG course “Construction Management” from academic year 2024-25

**7.3 FEEDBACK FROM STAKEHOLDERS**

Sr No	Stake holder	Number of Feedbacks Received	Overall Feedback
1	Alumni	12	Good
2	Parents	10	Good
3	Employers	6	Good
4	Students	279	Good

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

1. Industry Institute Interaction
2. Establishment of Centre of Excellence with Ultratech Cement Pvt Ltd. And various programs conducted under the lab

**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
5	Industry sponsored consultancy service and lab testing

**Opportunities:**

1	Improvement in R&D work
2	Improvement in placement
3	Increase in 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
5	Industry sponsored consultancy service and lab testing



**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>	Student development program, Study Circle Activities
<b>Organization of different activities</b>	FDP, Industrial visit and expert lecture
<b>Research and Innovation</b>	Research paper publication and filing of patents
<b>Industry institute Interaction</b>	Internship support to students, sponsored projects
<b>Students' Achievements</b>	Hackathon, Sports and cultural

**SUMMARY SHEET (Annual)**

Sr No	Activity/ Item	Numbers
<b>PROFILE OF DEPARTMENT</b>		
01	Students in the department	486
<b>FACULTY CONTRIBUTION</b>		
02	e content developed by faculty and available online	12
03	Number of FDP/STTP attended by the department faculty	29
04	Number of Seminars/ workshops/ webinars attended by the department faculty	37
05	Number of Conferences/ symposiums attended by the department faculty	03
06	Number of Online courses / certificate courses completed by department faculty	10
07	Number of extension lectures / webinars (Lectures delivered on other than technical topics)	01



08	Number of Faculty served as resource person, expert, chairperson	15
<b>ACTIVITIES ORGANISED</b>		
09	Number of FDP/STTP organized by the department	01
10	Number of Seminars/ workshops/ webinars organized by the department (for faculty)	19
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)	02
13	MOU signed with academic and professional organizations	14
14	Number of Students' chapters /clubs	06
15	Number of Social activities organized	01
16	Number of Parent meeting	01
17	Number of Alumni meet	01
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	01
21	Number of Patents, copyright, trademark and other (IPR)	04
22	Number of Papers published/ presented in proceedings of conferences	09
23	Number of Papers published in journals	24

24	Number of Book/ article publications	05
25	Total Research citations	684
26	Number of ME awarded	
27	Number of PhD AWARDED	00
<b>INTERACTION WITH INDUSTRY</b>		
28	Number of Industrial visits organised	20
29	Number of Expert lectures delivered by industry experts	13
30	Number of Industry –sponsored projects (UG/PG)	05
31	Number of MOU signed with industry	14
32	Number of Faculty members undergone industrial training	00
33	Number of Students undergone in-plant training and (or) internship programme	110
34	Number of students placed	37
35	Number of students qualified in the examinations	27

### **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)  
Name and Signature  
Head of Department**