



**AISSMS**  
**COLLEGE OF ENGINEERING**

ज्ञानम् सकलजनहिताय  
Accredited by NAAC with "A+" Grade



## Internal Quality Assurance Cell

# DEPARTMENT OF COMPUTER 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 2024 – 25

### Guidelines:

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

- ❖ *In case data does not exist please mention it as 'No Data'.*
- ❖ *Please add rows to the table below to suit your requirements*
- ❖ *Ensure that data does not differ from other official records and all the supporting documents are available.*
- ❖ *Use: Font Type: Times New Roman, Font Size: 12, Sentence case, Spacing: 1.15*
- ❖ *Use a separate row for every detail.*
- ❖ *For any queries, you may contact: Dr C S Cho2.3udhari, Coordinator, IQAC*
- ❖ *email: [igac@aiissmscoe.com](mailto:igac@aiissmscoe.com)*



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# 1. PROFILE OF DEPARTMENT



## **VISION OF DEPARTMENT**

**Contributing to the welfare of society through technical and quality education.**

## **MISSION STATEMENTS OF DEPARTMENT**

- **To produce Best Quality Computer Science Professionals by imparting quality training, hands on experience and value education.**
- **To Strengthen links with Industry through partnerships and collaborative developmental works.**
- **To attain self-sustainability and overall development through Research, Consultancy and Development Activities.**
- **To extend technical expertise to other technical Institutions of the region and play a lead role in imparting technical education.**



## 1.1 INTRODUCTION

Year of Establishment	10.09.1998
UG Programmes	1
PG Programmes	1
Number of Teaching Staff	23
Number of Non-Teaching Staff	10

## 1.2 LABORATORIES IN THE DEPARTMENT

Name of Laboratory	
1.Linux Laboratory (115)	2.Computer Network Laboratory (116)
3.Computer Design Laboratory (120)	4.Computer software Laboratory(121)
5.Microprocessor Laboratory (101)	6.Digital & Hardware Laboratory (102)
7.Multimedia Laboratory (119)	8.Project Laboratory (227)

## 1.3 SOFTWARES AVAILABLE IN THE DEPARTMENT

Software Available	
1.Office XP (01 user)	2. Oracle 9i (5 users)



3. Vstudio.NET Pro 2002 Win32 ENG OLP NL AE (01 users)	4. Borland C++ suite (02 users)
5. NetDruid Ver.9.0	6. MS Office XP 2003 (02 user)
7. Vstudio.NET Pro 2003 Win32 ENG OLP NL AE (25 users)	8. Borland C++ suite (30 users)
9. ORACLE 10g Std. Edition one for 25 users with one media	10. Anaconda
11. Microsoft Office Professional 2007(5 users)	12. Auto Desk 3 CD's max 8.0 with kit
13. Windows XP Pro.English UGP OLP NL AE with media(168 users)	14. Internet developer suite ( Oracle D2K with media )
15. Xilinx 11.2 VLSI Design (25 User)	16. Windows 2007 (50 User)
17. ETNL Language Lab (one teacher Cons	18. Matlab 2 User
19. Microsoft Campus Agreement (Operating System)	

#### 1.4 FACULTY IN THE DEPARTMENT

Name of faculty	Designation
1.Dr S V Athawale	Associate Professor
2.Dr. M A Pradhan	Associate Professor
3.Dr. D P Gaikwad	Associate Professor
4.Dr. S F Sayyad	Associate Professor
5.Mr. N R Talhar	Assistant Professor
6.Dr. A J Kadam	Assistant Professor
7.Dr. S R Nalamwar	Assistant Professor
8.Ms. A S Deokar	Assistant Professor





9.Mrs. V V Waykule	Assistant Professor
10.Mr. A M Jagtap	Assistant Professor
11.Dr. D M Ujalambkar	Assistant Professor
12.Mr. S G Dhengre	Assistant Professor
13.Mrs. S J Pachouly	Assistant Professor
14.Mrs. S S Kolte	Assistant Professor
15.Mr. S S Jadhav	Assistant Professor
16.Mrs. M M Swami	Assistant Professor
17.Mrs. N A Rai	Assistant Professor
18.Mrs. V V Navale	Assistant Professor
19.Ms Sandhya Ahire	Assistant Professor
20.Mr. V S Gunjal	Assistant Professor
21.Mrs. V R Jorwekar	Assistant Professor
22.Mr. B R Patil	Assistant Professor
23.Mrs. V.M.Kanavade	Assistant Professor
24.Mr. A U Khandait	Assistant Professor

### 1.5 DETAILS OF SUPPORTING STAFF

Name of non-teaching staff	Designation
Mr.N.S.Sale	System Analyst
Mr. Jitendra Mohite	Laboratory Assistant
Mr. Prasad Mulay	Laboratory Assistant
Mr. Vinayak Unune	Laboratory Assistant
Ms R. R. Bagwan	Laboratory Assistant
Mr L. S. Karkun	Laboratory Assistant
Mr. V N Ughade	Laboratory Attendant
Mr Prasad Tikone	Laboratory Attendant



Mr. S V Maral	Laboratory Attendant
Mr. D M Patil	Laboratory Attendant

## 1.6 STUDENTS' ENROLLMENT

Program	GEN		SC		ST		OBC		PWD		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
UG(Comp) FE	30 1	18	11	3	2	1	15	20	0	0	22	10	80	52
UG(Comp) SE	39	24	8	4	4	1	22	12	0	0	28	9	101	50
UG(Comp) TE	39	19	6	4	3	1	31	9	0	0	22	8	101	41
UG(Comp) BE	37	24	5	5	4	0	31	9	0	0	26	7	103	45
PG( AI &DS) FY	4	2	2	0	0	0	0	0	0	0	1	0	7	2
PG( AI &DS) SY	0	4	1	1	0	0	1	0	0	0	1	0	3	5



## 1.7 STUDENTS–FACULTY FEEDBACK DETAILS

Term One					
Sr. No.	Name of faculty	Class and Subject taught	Feedback (I) (%)	Feedback (II) (%)	Average Feedback (%)
1	Dr.S.V.Athawale	TE-A CNS	94	95	94
2	Dr.M.A.Pradhan	TE-A SPM	88	93	90
3	Dr.D.P.Gaikwad	SE –A OOP	81	98	89
4	Dr.S.F.Sayyad	SE –A CG	87	98	92
5	Mr.N.R.Talhar	BE-A DAA	87	100	93
6		BE-B DAA	77	100	88
7	Dr.A.J.Kadam	BE-A OOMD	78	91	84
8	Dr.S.R.Nalamwar	BE-A ML	91	100	95
9	Ms.A.S.Deokar	TE-B SPM	79	93	86
10	Mr.A.M.Jagtap	SE-B OOP	87	100	93
11		BE-B OOMD	86	100	93
12	Mrs.V.V.Waykule	TE-A TOC	92	95	93
13	Dr.D.M.Ujalambkar	BE-B ML	83	100	91
14	Mr.S.G.Dhengre	SE –A FDS	82	98	90
15		SE-B FDS	83	100	91
16	Ms.S.J.Pachouly	TE-B CNS	87	94	90
17	Ms. S S Kolte	TE-B DBMS	81	93	87
18		BE-B STQA	86	100	93
19	Mr.S.S.Jadhav	SE-B DELD	83	99	91



20		BE- A STQA	88	100	94
21	Ms.N.A.Rai	SE –B DM	80	99	89
22		SE-B HSS	83	99	91
23	Ms.V V Navale	BE-A BCT	93	100	96
24		BE-B BCT	86	100	93
25	Mr.V.S.Gunjal	TE-A SPOS	92	95	93
26		TE-B SPOS	82	94	88
27	Ms.M M Swami	TE-B TOC	77	75	77
28		SE –B CG	82	76	82
29	Mrs.V R Jorwekar	SE –A DM	85	98	91
30		SE –A HSS	85	98	91
31	Ms V M Kanawade	SE –A DELD	74	98	86
32		TE-A DBMS	88	95	91

Term Two					
Sr. No.	Name of faculty	Class and Subject taught	Feedback (I) (%)	Feedback (II) (%)	Average Feedback (%)
1	Dr.S.V.Athawale	TE-A DSBDA	92	92	92
2	Dr.M.A.Pradhan	SE-A SE	89	89	89
3	Dr.D.P.Gaikwad	TE –A AI	93	93	93
4	Dr.S.F.Sayyad	TE –B WT	92	92	92
5	Mr.N.R.Talhar	TE-A CC	92	92	92
6	Dr.A.J.Kadam	TE-B DSBDA	90	90	90
7	Dr.S.R.Nalamwar	BE-A DL	95	95	95



8	Ms.A.S.Deokar	SE-A PPL	88	88	88
9	Mr.A.M.Jagtap	TE-A WT	92	92	92
10	Mrs.V.V.Waykule	SE-A DSA	90	90	90
11	Dr.D.M.Ujalambkar	BE-B BI	90	90	90
12	Mr.S.G.Dhengre	SE –B DSA	90	90	90
13	Ms.S.J.Pachouly	BE-A BI	94	94	94
14	Mr. S. S. Jadhav	SE-B SE	90	90	90
15	MS.M. M.Swami	SE-B MP	90	90	90
16	Ms.N.A.Rai	BE –A NLP	94	94	94
		BE-B NLP	90	88	89
17	Ms Sandhya Ahire	SE-A MP	89	88	88.5
18	Mr.V.S.Gunjal	BE-B DL	89	89	89
19	B R Patil	BE-A HPC	91	91	91
		BE-B HPC	87	91	89
20	Ms.V.M.Kanavade	TE-B CC	92	92	92
21	Mr. A U Khandait	TE-B AI	91	91	91
		SE-B PPL	88	88	88
22	Mr. K B Kshirsagar	SE-A M3	89	99	94
		SE-B M3	90	90	90

## 1.8 RESULT ANALYSIS

Term One



Name of faculty	Class and Subject Taught	% passing	Name of faculty	Class and Subject Taught	% passing
Dr.S.V.Athawale	TE A CNS	97.18	S G Dhengre	SE A FDS	89
				SE B FDS	92
Dr. M A Pradhan	TE A SPM	100	S J Pachouly	TE B CNS	98.48
Dr D P Gaikwad	SE A OOP	89	Mrs. S. S. Kolte	TE B DBMS	98.44
Dr S F Sayyad	SE A CG	89	S S Jadhav	BE A STQA	100
				BE B STQA	99
				SE B DELD	96
N R Talhar	BE A DAA	93	Neha A Rai	SE B DM	97
	BE B DAA	97			
Dr. A J Kadam	BE A OOMD	100	V V Navale	BE A BT	100 99



				BE B BT	
S R Nalamwar	BE A ML	100	V S Gunjal	TE A SPOS  TE B SPOS	98.59  100
A S Deokar	TE B SPM	100	Ms.M M Swami	TE B TOC  SE B CG	98.44  96
A M Jagtap	BE B OOMD  SE B OOP	97  92	Mrs.V R Jorwekar	SE A DM	81.94
V V Waykule	TE A TOC	94.37	V M Kanavade	TE A DBMS  SE A DELD	95.77  99
Dr D M Ujalambkar	BE B ML	100			

Term Two					
Name of faculty	Class and Subject Taught	% passing	Name of faculty	Class and Subject Taught	% passing



Dr.S.V.Athawale	TE A DS&BDA	98.61	S J Pachouly	BE A BI	98.61
Dr. M A Pradhan	TE A SE	97	Mrs. S. S. Kolte	TE B DBMS	98.44
Dr D P Gaikwad	SE A AI	98.61	S S Jadhav	SE B SE	95
Dr S F Sayyad	TE B WT	97.10	Neha A Rai	BE A NLP  BE B NLP	98.61  100
N R Talhar	BE A CC	98.61	S O Ahire	SE A MP	89
Dr. A J Kadam	TE B DS&BDA	95.65	V S Gunjal	BE B DL	100
S R Nalamwar	BE A DL	98.61	Ms.M M Swami	SE B MP	96



A S Deokar	SE A POPL	89	Mrs.V R Jorwekar	BE A HPC	98.61
				BE B HPC	100
A M Jagtap	TE A WT	87	V M Kanavade	TE B CC	97.10
V V Waykule	TE A DS&A	97	A U Khandait	SE B POPL	92
				TE B AI	97.10
Dr D M Ujalambkar	BE B BI	100	K B Kshirsagar	SE A EM-III	99
				SE B EM-III	95
S G Dhengre	SE A DS&A	96			

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

Term One			
S N	Class	Number of Students	Percentage of Passing



		Appeared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1 - 9)	Very Good (A) (7.1 - 8)	Good (B+) (6.1 - 7)	Above Average (B) (5.1 - 6)	Average / pass class (4 - 5 )	Fail (F) 0 - 3.99	All Clear	With ATK T
1	SE(A)	72	59	8	25	16	8	-	-	-	82%	100%
2	SE(B)	78	67	26	27	13	1	-	-	-	88%	100%
3	TE(A)	71	65	11	33	16	5	-	-	-	97.22%	100%
4	TE(B)	67	63	13	33	12	5	-	-	-	94.2%	100%
5	BE(A)	72	65	13	30	17	5	-	-	-	98.61%	100%
6	BE(B)	76	72	14	32	17	7	2	-	-	100%	100%

Term Two													
S N	Class	Number of Students										Percentage of Passing	
		App eared	Clea r Pass ed	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 - 3.9 9	All Clear	With ATK T
1	SE(A)	72	59	12	25	16	3	3	-	-	-	82%	100%
2	SE(B)	78	69	20	37	11	1	-	-	-	-	88%	100%
3	TE(A)	72	70	15	40	15	-	-	-	-	-	97.22%	100%
4	TE(B)	69	66	18	41	6	1	-	-	-	-	94.2%	100%
5	BE(A)	72	71	21	39	10	2	-	-	-	-	98.61%	100%



6	BE(B)	76	76	25	32	17	3	—	-	-	-	100 %	100 %
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#### Term Two Final Result for BE Classes (Based on CGPA)

S N	Clas s	Number of Students									Percenta ge of Passing	
		App eare d	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 Clea r	With ATK T
1	BE(A)	72	71	17	33	16	5	-	-	-	98.61 %	100 %
2	BE(B)	76	76	8	37	30	1	-	-	-	100 %	100 %

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

Academic Year 2024 - 25			
Sr No	Name of the Ranker	Class	Rank

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## 2. FACULTY CONTRIBUTION



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

Term One		
SN	Name of Faculty	Awards & Recognitions
1	Shashikant V. Athawale	Knowledge Feast - Bridging the Gap: Integrating IEEE Solutions into Engineering Education External Inbox
2	Dr. S R Nalamwar	Phd Completion
3	Miss Vrushali Kanavade	CERTIFICATE OF ATTENDANCE & INNOVATE GENERATIVE AI + DATA

Term Two		
SN	Name of Faculty	Awards & Recognition
1	Vipul Suresh Gunjal	Gen AI & Chat GPT Application in the Industry
2	Vipul Suresh Gunjal	NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION

## 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)

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. S R Nalamwar	Question Paper Setter for G. H. Rasoni college of Engg & Management, Wagholi for ESE SUMMER 2025
2	V V Waykule	Invitation as a Jury for the Second Year PBL Poster Competition
3	Vipul Suresh Gunjal	Bharati Vidyapeeth pune India

## 2.3 e CONTENT DEVELOPED BY FACULTY AND AVAILABLE ONLINE

Term One
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Sr No.	Name of Faculty	Title of e-content	e-content development facility/platform	link of the content
1	Mis. Neha Rai			<a href="https://classroom.google.com/c/NjcxMjEyMzQyODA4?cjc=7b4ey35">https://classroom.google.com/c/NjcxMjEyMzQyODA4?cjc=7b4ey35</a>

Term Two				
Sr No.	Name of Faculty	Title of e-content	e-content development facility/platform	link of the content
2	Mis. Neha Rai			<a href="https://classroom.google.com/c/NzQ2Mjg0OTMzNjM3?cjc=23vcaj1">https://classroom.google.com/c/NzQ2Mjg0OTMzNjM3?cjc=23vcaj1</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. Shashikant V. Athawale	FIVE DAYS NATIONAL LEVEL Online Faculty Development Program on PERL SCRIPTING	Spoken Tutorial IIT-Bombay	9 Dec to 14 Dec, 2024
2	Dr. M A Pradhan	REVOLUTIONARY AI: Blending Generative Power With Learning Machines	Department of CSE-AI & CSE-AIML, Vishwakarma Institute of Technology, Pune	16/12/24 to 20/12/24
3	Dr S F Sayyad	Development and reconstruction to empower technical teacher	National Institute of technical teachers training and research Bhopal	12/08/2024 To 14/08/2024
4	Dr S F Sayyad	National Education Policy and Institutional Building	Swayam	08/12/2024

5	Prof. N R Talhar	Empowering Educators: Advanced Design Thinking & Innovation	AICTE	02/12/2024 To 14/12/2024
6	Dr A J Kadam	Empowering Educators: Advanced Design Thinking & Innovation	AICTE	02/12/2024 To 14/12/2024
7	Dr. S R Nalamwar	Employing Industrial Quality Management Systems for Quality Assurance in Outcome Based Education	SVERI College of Engineering	19/06/2024 To 24/06/2024
8	Dr. S R Nalamwar	Recent Trends in Computing 4.0	VIT	13/07/2024
9	Dr. S R Nalamwar	Smart Manufacturing: The Confluence of Automation and Intelligence	SEMR, D Y Patil International University	16/12/2024 To 20/12/2024
10	Ms. A S Deokar	Generative AI and its Multidomain Use Cases	VIT	2/12/2024 to 6/12/2024
11	Ms. A S Deokar	AI for sustainable development	VIIT	5/08/2024 to 24/08/2024
12	Mr. A M Jagtap	Introductory course on Navigation, Guidance and Control of unmanned Aerial Systems	Symbiosis Institute of Technology	25/11/2024 to 30/11/2024
13	Mr. A M Jagtap	Emerging Trends in Blockchain Technology	Primpri Chinchwad college of Engineering	15/07/2024 to 20/07/2024
14	V V Waykule	Building web development solutions with cloud computing under the Next Gen Employability program	edunet	02/09/2024 To 06/09/2024
15	V V Waykule	Latest trend and techniques in digital twin	MMCOE	07/10/2024 To 12/10/2024
16	V V Waykule	Recent Trends in Computing 4.0	VIT Pune	08/07/2024 To 13/07/2024
17	V V Waykule	Revolutionary AI : Blending Generative power with learning machines	VIT Pune	16/12/2024 To 20/12/2024
18	S G Dhengre	Empowering Educators: Advanced Thinking & Innovation	AICTE	02/12/2024 to 14/12/2024
19	Mrs. N A Rai	Research Methodology	NPTEL	July-Sep 2024
20	Mr.Vipul Suresh Gunjal	Ai for sustainable Development	VIIT,PUNE	05/08/2024
21	Mr.Vipul Suresh Gunjal	Next-Generation Technologies on Information and Communication	Bengal College of Engineering and Technology	09/10/2024



22	Mr.Vipul Suresh Gunjal	Empowering Educator: Advanced Design Thinking & Innovation	ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S COLLEGE OF ENGINEERING PUNE-1	02/12/2024 to 14/12/2024
23	Vipul Suresh Gunjal	NEP 2020 Orientation & Sensitization Programme	Coimbatore Institute of Technology	06-03-2025 TO 14-03-2025
24	Miss Vrushali Kanavadey	Ai and Digital Technologies for Sustainable Healthcare and Medical Technologies	Nirma University	25/11/2024 to 30/11/2024
25	Miss Vrushali Kanavadey	OUTCOME BASED EDUCATION	SPIT POLYTECHNIC	14/10/2024 to 18/10/2024
26	Miss Vrushali Kanavadey	REVOLUTIONARY AI: Blending Generative power with Learning Machines	CSC-AI & CSE-ALML, Vishwakarma Institute of Technology pune	16/12/2024 to 20/12/2024
27	Ms Minal Mallikarjun swami	EDUCATION 4.0 IN HIGHER EDUCATION	Vishwakarma Institute of Information Technology pune	31/06/2024 and 04/08/2024

Term Two				
S N	Name of Faculty	Title of the FDP/STTP	Organized by	Duration/ Dates
1	Dr. Shashikant V. Athawale	Orientation & Sensitization Programme Under Malaviya Mission Teacher Programme	Coimbatore Institute of Technology	06/03/2025 to 14/03/2025
2	Dr. M A Pradhan	Orientation & Sensitization Programme Under Malaviya Mission Teacher Programme	Coimbatore Institute of Technology	06/03/2025 to 14/03/2025
3	Dr. M A Pradhan	Health Care and MedTech for Swastha Bharat using AI	Vishwakarma Institute of Technology	03/02/2025 to 08/02/2025
4	Dr S F Sayyad	Teaching and Learning in Engineering	NTPEL	Jan-Feb,2025
5	Prof. N R Talhar	Empowering Educators : Advanced Design Thinking & Innovation	AICTE	02/12/2024 TO 14/12/2024
6	Dr. S R Nalamwar	NEP 2020 Orientation & Sensitization Programme	Malaviya Mission Teacher Training	23rd to 31st January



			Programme of University Grants Commission	
7	Dr. S R Nalamwar	Next Generation Practices: Materials, Design and Manufacturing	Mechanical Engineering, MMCOE, Karve Nagar	27th to 31st January, 2025
8	Ms. A S Deokar	Design Thinking: A Patient-Centric Approach in Healthcare Industry	AICTE	13/12/2024
9	Ms. A S Deokar	NEP Orientation and Sensitization Program under Malaviya Mission Teacher Training Programme of University Grants Commission	Coimbatore Institute of Technology	6 March to 14 March 2025
10	Mr. A M Jagtap	Deep Learning using NVIDIA JETSON NANO	ENTC Dept, Bapatla Women's Engineering College	17/02/2025 to 21/02/2025
11	Mr. A M Jagtap	AI Tools	AICTE	17/02/2025 to 21/02/2025
12	V V Waykule	Artificial Intelligence and Data Science On Harnessing Intelligence: Deep Dive into Machine Learning	Suman Ramesh Tulsiani Technical Campus-Faculty of Engineering	10/03/2025 to 14/03/2025
13	V V Waykule	Advances in Engineering and Technology	Dept of Mechanical Engineering, VACOE, Ahilyanagar	10/02/2025 to 14/02/2025
14	V V Waykule	Next Generation Engineering Practices: Materials, Design and Manufacturing	Dept of Mechanical Engineering, MMCOE, Pune	27/01/2025 to 31/01/2025
15	V V Waykule	NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme OF UGC	Coimbatore institute of Technology	06/03/2025 to 14/03/2025
16	Mrs. Neha Rai	Decoding AI's Impact on Society	AISSMS	06-01-2025 TO 11-01-2025
17	Mrs. Neha Rai	Empowering Educators: Advanced Design	AICTE Training	02-12-2024 TO





		Thinking & Innovation	and Learning	14-12-2024
18	Mrs. Neha Rai	NPT 2020 Orientation & Sensitization Programme	Coimbatore Institute of Technology	06-03-2025 TO 14-03-2025
19	Mrs. Neha Rai	Decoding AI's Impact on Society	AICTE Training and Learning	06-01-2025 TO 11-01-2025
20	Mr.Vipul Suresh Gunjal	Decoding AI's Impact on Society	AISSMS	06-01-2025 TO 11-01-2025
21	Mr.Vipul Suresh Gunjal	Research in Education and Learning Outcomes	Department of Information Technology in collaboration with the R&D Cell	17-03-2025 TO 21-03-2025
22	Ms Vrushali Kanavadey	AICTE Training and Learning (ATAL) Academy	COEP TEchnological University	20-01-2025 TO 20-01-2025
23	Ms Vrushali Kanavadey	Forbes Marshall Online Faculty Development Programme	Online Faculty Development Programme Education for Industry Readiness	12-03-2025
24	Ms Vrushali Kanavadey	NPT 2020 Orientation & Sensitization Programme	Coimbatore Institute of Technology	06-03-2025 TO 14-03-2025
25	Ms Vrushali Kanavadey	Decoding AI's Impact on Society	AISSMS	06-01-2025 TO 11-01-2025
26	Ms Sandhya Onkar Ahire	Cyber Security & Digital Forensic	Dr.D.Y. Patil College of Engineering and Innovation, Varal, Dist. Pune	06-01-2025 TO 10-01-2025
27	Mr. Ashish Umesh Khandait	Decoding AI's Impact on society	AISSMS COE	03-01-2025 TO 11-01-2025

## 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 Shashikant V. Athawale	Integrating IEEE Solutions into Engineering Education" event at the Sheraton Grand Bund Hotel Pune. This program was organised by IEEE for higher education (HEI)	IEEE	03/07/2024
2	Dr Shashikant V. Athawale	Nasscom Technology Confluence PUNE 2024	NASSCOM	14/11/2024
3	Dr Shashikant V. Athawale	DAICON - Leading Data, AI and Cloud Conference on Wed. Nov 27	DAICON	26/11/2024
4	Dr A J Kadam	High Performance Computing	AISSMSCOE, Pune	10/07/2024
5	Shikha J Pachouly	Industrial Institute Interaction	Workshop at Imperial Overseas Educational Consultants	31/08/2024
6	Mr.Vipul Suresh Gunjal	PATENT FILING AND PRIOR ART SEARCH MECHANISMS: A PRACTICAL APPROACH	ALL INDIA SHRI MEMORIAL SOCIETY'S COLLEGE OF ENGINEERING, PUNE	21/09/2024
7	Mr.Vipul Suresh Gunjal	PATENT FILING AND PRIOR ART SEARCH MECHANISMS: A PRACTICAL APPROACH	Chinchwad College of Engineering	30/07/2024

Term Two				
S N	Name of Faculty	Title of the Seminar/Webinar	Organized By	Duration/ Dates
1	Mr.Vipul Suresh Gunjal	Course Coordinator Member in designing the curriculum for S.E (Computer Engineering )	sppu	1 day

## 2.6 CONFERENCES/ SYMPOSIUMS ATTENDED BY THE DEPARTMENT FACULTY



Term One				
S N	Name of Faculty	Title of the Conference / Symposium	Organized By	Duration/ Dates
1	Prof. N R Talhar	Innovation in Engineering and Technology NCIET 2024	AISSMSCOE, Pune	13/12/2024
2	Dr. S R Nalamwar	Symposium on Emerging Trends in 6G Technology	AISSMS, IOIT	16/12/2024 To 20/12/2024
3	V V Waykule	Symposium on emerging trends in 6G Technologies	AISSMS IOIT in association with IEEE	16/12/2024 To 20/12/2024
4	V V Waykule	Innovation in Engineering and Technology NCIET	AISSMS COE	13/08/2024
5	Shikha J Pachouly	Exploring the Predictive Power of Explainable AI in Student Performance Forecasting using Educational Data Mining Techniques	Poornima Institute of Engineering & Technology, Jaipur	April 24-25

Term Two				
S N	Name of Faculty	Title of the Conference / Symposium	Organized By	Duration/ Dates
1	Ms A S Deokar	International Conference on Emerging Trends in Engineering and Science	Jawahar Education Society's Institute of Technology, Management and Research ,Nashik	7/2/2025 to 8/2/2025

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

Term One				
S N	Name of Faculty	Title of the Course	Conducted By	Duration/ Dates
1	Mis V. V. Waykule	World Meditation Day	Habuild	21/12/2024
2	Dr D M Ujalambkar	Successful Negotiation : Essential Strategies and Skills	university of Michigan (COURSEERA)	24/07/2024



3	Mr.Vipul Suresh Gunjal	NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION	NIPAM	30/07/2024
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Term Two				
S N	Name of Faculty	Title of the Course	Conducted By	Duration/ Dates
1	Prof. N R Talhar	Research and Publications Ethics	Centre for Publications	Feb 17,2025 to March 22,2025
2	Dr S.R Nalamwar	Entrepreneurship Educator	Wadhwani Foundation	01-04/2025
3	Dr S.R Nalamwar	UGC- Sponsored Refresher Course entitled " Security and Machine Learning in the Aspects of Next Generation Networks	MMTTC	10/02/2025 TO 22/02/2025
4	Ms. A S Deokar	Research and Publication Ethics	Centre of Publication Ethics, Savitribai Phule University ( UGC Mandated)	17/03/2025 to 22/03/2025
5	Mr. S G Dhengre	Research and Publication Ethics	Centre of Publication Ethics, Savitribai Phule University ( UGC Mandated)	17/03/2025 to 22/03/2025
6	Shikha J Pachouly	NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME	University Grants Commission	14-03-2025 TO 06 -03-2025
7	Vipul Suresh Gunjal	Python Developement	GIRI'S TECH HUB PVT LTD	13-02-2025 to 14-02-2025
8	Mrs.Sandhya Onkar Shire	Introduction to Cybersecurity	CISCO Networking Academy	

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

Term One					
S N	Name of faculty coordinator	Topic	Name and contact details of guest	Date	Number of beneficiaries
1	Mr.Vipul Suresh Gunjal	Robotics & Automation			



Term Two					
S N	Name of faculty coordinator	Topic	Name and contact details of guest	Date	Number of beneficiaries
1	A S Deokar	Modern Java & Best Practices	Mr. Amey Borade, Lead Software Engineer	24th April, 2025	72

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

Term One				
S N	Name of Faculty	Title of Activity	Organizing body	Date
1	Dr. S V Athawale	Attended as Session Chair on Emerging Trends in Engineering and Technology: Shaping the Future of Innovation on 19th/20th March 2025	All India Seminar and Publication of Annual Technical Journal -2025, Vol-46	19th and 20th March 2025
2	Dr D M Ujalambkar	Machine Learning	ZCOER Narhe	16/10/2023
3	Dr D M Ujalambkar	Reviewer for the Hindawi portfolio of Journals	Hindawi	10/09/2024
4	Mr. Vipul Suresh Gunjal	Robotics and Automation Engineering	AISSMS COE	22/08/2024

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



# 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 S F Sayyad	Decoding AI's Impact on Society	09/12/2024 To 14/12/2024		
2	Dr S F Sayyad	Empowering Educators : Advanced Design Thinking & Innovation	02/12/2024 To 14/12/2024	30	AICTE 700000/-



Term Two					
S N	Name of faculty coordinator	Title of the FDP/STTP/WS/ Seminar/Sympo sium	Duration/ Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)
1	Dr D M Ujambkar	ATAL FDP on "Decoding AI's Impact on Society"	6th January 2025 to 11th January 2025		

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

Term One					
S N	Name of Coordinator/ s	Title of the Seminar/Webinar	Duratio n/ Dates	No. of Participa nts	Funding Agency (If any) and Amount (Rs.)
1	Dr. M. A. Pradhan	First Year Induction Programme Department of Artificial Intelligence and Machine Learning		32	
2	Dr S F Sayyad	High Performance Computing (HPC)	10/07/202 4	100	
3	Mrs. N A Rai	Imperial Overseas Educational Consultants	31-08-2024		-

Term Two					
S N	Name of Coordinator/ s	Title of the Seminar/Webinar	Duratio n/ Dates	No. of Participa nts	Funding Agency (If any) and Amount (Rs.)

### 3.3 CONFERENCES/ SYMPOSIUMS ORGANIZED BY THE DEPARTMENT

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



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

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

Term One				
S N	Name of Faculty Coordinator	Details of activity conducted	Date	Number of beneficiaries
1	Dr. Shashikant V. Athawale	Session-Topic: Welcome Note, vision mission, CO-PO-PSO Out Come based Education-OBE, Honor courses, elective subjects, code of conduct, wearing of uniform, internship, Paper Publications & Student Projects, Online Courses & E-Recourses, course activity etc.	15/7/2024	40

Term Two				
S N	Name of Faculty Coordinator	Details of activity conducted	Date	Number of beneficiaries
1	V V Waykule	Vlab	21/02/2025	35

### 3.5 MOU SIGNED WITH ACADEMIC AND PROFESSIONAL ORGANIZATIONS

Term One				
Sr. No.	Faculty Coordinator	Name of Organisation	Date of MoU Signed	Valid upto 00/00/0000
1	S S Jadhav	Slogsite, Pune	3 years	16-01-2025





2	Dr. DM Ujalambkar	World Vision IT Infotech, Pune	3 years	10-10-2024
3	S F Sayyad	Audaz Pvt. Ltd., C2C-2/100, Janakpuri, New Delhi	3 years	21-09-2024
4	V V Waykule	Elite Softwares, Pune	3 years	20-12-2024
5	S J Pachouly, V V Waykule	FinFit Education Pvt. Ltd., Pune	3 year	21-12-2025
6	R S Dudhmal	Brilliance InfoTech, Wakad, Pune	1 year	02-02-2025
7	S G Dhengre	ExcelR Solutions, Pune	2 year	26/11/2024
8	S V Athawale	Kasnet Technologies Pvt. Ltd., Pune	7 Years	05/12/2029
9	M M Phadatare	Talentprotech Solution, Kharadi, Pune.	3 Years	15/11/2024
10	Dr. AJ Kadam	Asentir Solutions, Pune	5 Years	06/12/2026

Term Two				
Sr. No.	Faculty Coordinator	Name of Organisation	Date of MoU Signed	Valid upto 00/00/0000
1	S S Kolte	Codekul Pvt. Ltd	3 Years	29/11/2025
2	Dr. DP Gaikwad	Udemi IT and Learning Solutions, Pune.	3 Years	29/11/2025
3	S G Dhengre	VEDA EDU Consultants, Pune.	7 Years	12/02/2030
4	R S Dudhmal	Automation Anywhere	5 Years	22/01/2028
5	Dr. D. S. Bormane	PROEXCEL SYSTEMS	3 Years	02/05/20026
6	Dr. D. M. Ujalambkar	Tata Strive Microsoft Cybersuraksha Project Pune 411003	3 Years	04/09/2026
7	S. G. Dhengre	Reliance Animation Studio Pvt. Ltd. Pune 411001	7 Years	11/12/2030



Total Functional / Live MoU initiated by Department				
Sr. No.	Faculty Coordinator	Name of Organisation	Date of MoU Signed	Valid upto 00/00/0000
1	S S Kolte	Codekul Pvt. Ltd	3 Years	29/11/2025
2	Dr. DP Gaikwad	Udemi IT and Learning Solutions, Pune.	3 Years	29/11/2025
3	S G Dhengre	VEDA EDU Consultants, Pune.	7 Years	12/02/2030
4	R S Dudhmal	Automation Anywhere	5 Years	22/01/2028
5	Dr. D. S. Bormane	PROEXCEL SYSTEMS	3 Years	02/05/2026
6	Dr. D. M. Ujalambkar	Tata Strive Microsoft Cybersuraksha Project Pune 411003	3 Years	04/09/2026
7	S. G. Dhengre	Reliance Animation Studio Pvt. Ltd. Pune 411001	7 Years	11/12/2030

### 3.6 STUDENTS' CHAPTERS /CLUBS

Sr. No	Name of Students' Chapter	Number of Student Members
1	Startup and Innovation : Business Model Canvas	40
2	Basics of Startups: Early-Stage Entrepreneurs	55
3	Canadian Education Exhibition	68
4	Visit At Sumago Infotech Private Ltd.	56
5	Session on Microsoft Internship and Global Certification	73

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

Term One			
Faculty coordinator	Name of Activity	Date, Duration	Number of students involved
Mrs. N A Rai	Relay Marathon	10/07/2024	SE-B



Mrs. N A Rai	Waste Management	03/07/2024	SE-B
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Term Two			
Faculty coordinator	Name of Activity	Date, Duration	Number of students involved

### 3.8 PARENT MEETING

Faculty Coordinator	Day and Date	Details of Parent meetings organized	Number of Parents attended
Mr.V.S.Gunjal	15-02-2025	TE A&B DEPARTMENT OF COMPUTER ENGINEERING	14
Ms Vrushali Kanavade	15-02-2025	TE A&B DEPARTMENT OF COMPUTER ENGINEERING	14

### 3.9 ALUMNI MEET

Faculty Coordinator	Day and Date	Details of Alumni meetings organized	Number of Alumni attended
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### 3.10 SUPPORT FROM ALUMNI

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

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

### 3.11 INTERACTION WITH ALUMNI

Term One				
S N	Name of Alumni and Activity coordinator	Details of Activity conducted	Date and duration	Total Number of beneficiaries

Term Two
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S N	Name of Alumni and Activity coordinator	Details of Activity conducted	Date and duration	Total Number of beneficiaries
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### 3.12 DETAILS OF STUDENT COUNSELING AND CAREER GUIDANCE AT THE DEPARTMENT LEVEL

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

Faculty coordinator	CAREER GUIDANCE ACTIVITY DETAILS
Dr.S V Athawale	Higher Studies by Studies Smart



# 4. RESEARCH CONTRIBUTION

## 4.1 FUNDED RESEARCH PROJECT

Term One				
S N	Principal Investigator	Title of the Project	Amount Received (Rs)	Funding Agency
1	Dr. S F Sayyad	ATAL 15 days FDP Empowering Education advance design thinking and innovation	600000/-	
2	Dr. D M Ujalambkar	6 days FDP on Decoding AI impact on society	3,50000/-	

Term Two
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S N	Principal Investigator	Title of the Project	Amount Received (Rs)	Funding Agency
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#### FUNDING RECEIVED FOR ANY OTHER ACTIVITY

Term One				
S N	Faculty Coordinator	Title of the activity	Amount Received (Rs)	Funding Agency
1	Dr S F Sayyad	Empowering Educators : Advanced Design Thinking & Innovation	700000	AICTE

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

#### 4.2 TESTING AND CONSULTANCY

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

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

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

Term One				
Sr No	Name of Faculty	Name of the Patent	Patent Number and Date	Type (National/ International/Com mercialized)
1	Dr Shashikant V.	COMPUTER-AIDED DETECTION OF	L-156536/2024 DATE: 07/11/2024	National



	Athawale	FAULTY SOLAR PANEL USING DEEP LEARNING TECHNIQUE		
2	Ms.A S Deokar	An algorithm for classification of Cardiovascular Disease using heterogeneous data (Copy Right)	L-147353/2024 26/02/2024	National
3	Mr. A M Jagtap	COMPUTER-AIDED DETECTION OF FAULTY SOLAR PANEL USING DEEP LEARNING TECHNIQUE	L-156536/2024 DATE: 07/11/2024	National

Term Two				
Sr No	Name of Faculty	Name of the Patent	Patent Number and Date	Type (National/ International/Com mercialized)
1	Shashikant V. Athawale	A Smart Transportation System Empowered by Artificial Intelligence for Urban Mobility	L-161857 03/03/2025	
2	Ms.A S Deokar	Cardiovascular Disease classification  Algorithm (Copy Right)	13183/2025-CO/ SW 09/07/2025	National
3	Ms.A S Deokar	Cardiovascular Risk Monitoring  Device(Patent)	453075-001 03/06/2025	National



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

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

## PUBLICATIONS

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

Term One						
S. No	Authors	Document Details	Year	Conference Details	ISBN	Organized by
1	Dr. D P Gaikwad	Intrusion Detection Systems (IDS): A Comparative Study of Snort, Suricata, Secsek, and OSSEC Using Benchmark Datasets	2024	1st International Conference on SMART AND SUSTAINABLE DEVELOPMENTS IN SCIENCE, ENGINEERING AND TECHNOLOGY SSDSET 2K24 held on 10th		Rayat Shikshan Sanstha's Karmaveer Bhaurao Patil College of Engineering , Satara



				Aug 2024.		
2	Dr. S R Nalamwar	Enhanced Leaf Disease Detection Using Multistage Segmentation and GAN-Based Classification	2024	NCIET 2024		AISSMS COE
3	A S Deokar	AI-Driven Document Verification System	2024	International Conference on Recent trends in Engineering and Technology		VIT
4	A S Deokar	Artificial Intelligence and Quantum Computation-Based Sensor Applications	2024	IEEE International Conference		G H Raisoni COE
5	Dr D M Ujalambkar	Machine Learning - Driven OCR System for detection of harmful ingredients in package foods	2024	International conference on advance in communication , medical electronics and smart grid automation		IIC
6	Dr D M Ujalambkar	Crowd density mapping and anomaly detection using deep learning	2024	International conference on advance in communication, medical electronics and smart grid automation		IIC

Term Two						
S. No	Authors	Document Details	Year	Conference Details	ISBN	Organized by
1	Dr S F Sayyad	Fruit Detection Using Lightweight Transfer Learning Techniques	2025	3rd International Conference on Futuristic Technologies		
2	V V Waykule	Fully Connected Neural Network for Tomato Disease Detection and Classification using Grey Co-occurrence matrix and Haar	Feb 2025	Advances in Computing, Control & Telecommunication Technologies		Dept of Computer Technology & Computer Science and Engineering , Yashwantrao Chavan College of Engineering , Nagpur

#### 4.5 PAPERS PUBLISHED IN JOURNALS

Term One						
S. No	Authors	Document Details	Year	Source Details	ISBN/ ISSN	Publisher
1	Shashikant V. Athawale	Spoof-Proof Attendance: A Review on Real Time Attendance System	2024	Journal of Technology	ISSN: 10123407	Journal of Technology
2	Shashikant V. Athawale	CampusConnect: A Unified Student & Staff Services and Engagement Platform	2024	Journal of Technology	ISSN: 10123407	Journal of Technology
3	Shashikant V. Athawale	A framework of survivability model virtualized wireless	2024	Internet Technology Letters		<a href="https://doi.org/10.1002/itl2.552">https://doi.org/10.1002/itl2.552</a>

		sensor networks for IOT-assisted wireless sensor network				
4	Shashikant V. Athawale	Plant disease detection using machine learning techniques based on internet of things (IoT) sensor network	2024	Internet Technology Letters		<a href="https://doi.org/10.1002/itl2.546">https://doi.org/10.1002/itl2.546</a>
5	Dr. M A Pradhan	Mint Leaf Recognition and Medicinal Property Analysis: A Machine Learning Approach	2024	Research Gate	DOI:10.13140/RG.2.2.32154.25284	Research Gate
6	Dr. M A Pradhan	Design a classifier to assess the quality of medicinal plant using learning algorithms	2024	UGC Care	2231-6329	Alochana journal
7	Dr. M A Pradhan	Yoga Pose Detection and Feedback Generation	2024	Peer Review	2321-9653	IJRASET
8	Dr. M A Pradhan	Efficient use of machine learning methodologies and Explainable AI to predict cardiovascular disease	2024	UGC Care	2231-6329	Alochana journal
9	Dr. M A Pradhan	A Survey of Load Balancing Methods in Cloud Computing Environments	2024	UGC Care	2231-6329	Alochana journal
10	Dr. D P Gaikwad	Identification of cervical spine fracture using deep learning	2024	UGC		Australian Journal
11	Dr. D P Gaikwad	"Network Intrusion Detection System Using Stacking of Heterogeneous Base Learners"	2024	UGC		MAT Journal
12	Dr. D P Gaikwad	Design of Hybrid Approach for Cloud Resource Allocation Using Genetic Algorithm and ML	2024	Scopus		Springer Nature

		Techniques				
13	Dr S F Sayyad	Thermal analytical characterization of Gymnema Sylvestre Using TGA-DTA Technique	2025		1074-133X	Communications on Applied Nonlinear Analysis
14	N R Talhar	A Comprehensive Review on Accident Detection Using Artificial Intelligence and Machine Learning	2024	IJAR SCT	2581-9429	IJAR SCT
15	Dr A J Kadam	AI-Powered Generative Model for Urban Planning	2024	online		Journal of Engineering and Technology Management
16	Dr A J Kadam	International Journal for Research in Applied Science	2024		2321-9653	IJRASET
17	Dr A J Kadam	Enhancing Wildlife Preservation through Animal Recognition	2024		2321-9653	IJRASET
18	Dr. S R Nalamwar	AI Powered Waste Segregation System (Scopus)	2024	Journal of Technology	10123407	Journal of Technology
19	Dr. S R Nalamwar	Iris Detection and Authentication System Using Deep Learning Techniques	2025	Panamerican Mathematical Journal	1064-9735	Panamerican Mathematical Journal
20	Dr. S R Nalamwar	Enhanced Leaf Disease Detection Using Multi Stage Segmentation and GAN-Based Classification Techniques	2024	Library Progress International	9701052	Library Progress International
21	Dr. S R Nalamwar	Walking Wiser: An Intelligent Assistant for Blind	2024	Journal of Technology	10123407	Journal of Technology
22	A S Deokar	AI- Driven Document Verification System	2024	Journal of Technology	10123407	Journal of Technology

23	A S Deokar	A Secure and Transparent Voting System Using Blockchain Technology	2024	IJRASET	2321-9653	IJRASET
24	A S Deokar	Commodity Prediction: ML-Based Commodity Suggestion	2024	IJRASET	2321-9653	IJRASET
25	A S Deokar	Efficient use of machine learning methodologies and Explainable AI to predict cardiovascular disease	2024	UGC Care	2231-6329	Alochana journal
26	V V Waykule	Wildfire Prediction Based on Satellite Imagery- Scopus	2024		10123407	Journal of Technology
27	V V Waykule	Detection of Parkinson's Disease using MRI and Spiral Images (Peer Reviewed)	2024		2321-9653	IJRASET
28	Dr D M Ujalambkar	Ensemble Learning Based Defect Detection Systems for Industrial Applications (Scops)	2025		1092-910X	International Publs
29	Dr D M Ujalambkar	Industrial Product surface defect detection using CNN: A Deep Learning Approach (Scopus)	2024		1064-9735	International Publs
30	S G Dhengre	Machine Learning Approaches for Dengue Prediction and Diagnosis: A Systematic Review	2024	Journal of Technology	10123407	Journal of Technology
31	S G Dhengre	AI Based Smart Farming Prediction System	2024	Journal of Technology	10123407	Journal of Technology
32	Mr. Swamiraj Jadhav	Water Trash Detection System:	2024	chrome-extens ion://efaidnbm	2321-9653	International Journal

		An Innovative Approach to Monitoring Aquatic Pollution		nnnibpcajpcglc lefindmkaj/http s://www.ijraset. com/best-journ al/water-trash- detection-syste m-an-innovativ e-approach-to- monitoring-aqu atic-pollution		for Research in Applied Science & Engineerin g Technolog y
33	Mr. Swamiraj Jadhav	Online Job Portal using NLP	2025			
34	Mrs. N A Rai	Towards Smarter Waste Management : A Review of IoT and MI in Dustbin Optimization	2024			Journal of Technology
35	Mr. Vipul Suresh Gunjal	E-Commerce Churn Prediction in Agri Products	2024	<a href="https://www.ijmrset.com/upload/54_E-Commerce.pdf">https://www.ijmrset.com/upload/54_E-Commerce.pdf</a>	2582-7219	-
36	Mr. Vipul Suresh Gunjal	Monthly, peer-Reviewed, Refereed, Scholarly, Multidisciplinary and Open Access Journal Impact factor 7.521 (Calculated by Google Scholar and Semantic Scholar)   AI-Powered REsearch Tool   Indexing in all Major Database & Metadata, Citation Generator   Digital Object Identifier (DOI)	2024		2582-7219	IJMRSET
37	Ms. Minal Mallikarjun Swami	SMART AGRICULTURE MANAGEMENT ENHANCING FERTILIZER AUTHENTICITY THROUGH	2024		2248-1269	Internati onal Journal of Researc

		BLOCKCHAIN TECHNOLOGY				h and Analytical Reviews
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Term Two						
S. No	Authors	Document Details	Year	Source Details	ISBN/ISSN	Publisher
1	Shashikant V. Athawale	A New Frontier in Tomographic Image Reconstruction using Deep Learning	2025	Journal of Technology	10123407	
2	Dr. M A Pradhan	Optimizing Medicinal Plants Leaf Classification through Image Pre-Processing and Deep Learning	2025		0213-5868	
3	Dr S F Sayyad	Thermal analytical characterization of Gymnema Sylvestre Using TGA-DTA Technique	2025		1074-133X	Communications on Applied Nonlinear Analysis
4	Dr A J Kadam	Enhancing Wildlife Preservation through Animal Recognition	2024		2321-9653	IJRASET
5	Dr A J Kadam	A Survey on Cyber Crime Analysis System: Leveraging Power BI and Generative AI for comprehensive Insights	Nov 2024		2455-6211	IJARESM
6	Dr A J Kadam	AI-Powered Generative Model for Urban & Green Planning	2025			Journal of Engineering and Technology Management
7	Dr A J Kadam	Cyber Crime Analysis System: Leveraging Power BI	2025			Journal of Engineering and

		and Generation AI for Comprehensive Insights				Technology Management
8	Dr A J Kadam	AI-Powered Generative Model for Urban Planning	2024			Journal of Engineering and Technology Management
9	Dr A J Kadam	Enhancing Wildlife Preservation through YOLOv8-Based Animal Recognition	2025			Journal of Engineering and Technology Management
10	Dr A J Kadam	Amazon Stock Price Prediction Using Python	2025			IJRPR
11	Dr A J Kadam	ETL Pipeline using Python and ETL tools for Data Transformation on Datasets and Visualization	2025			IJRPR
12	Dr A J Kadam	Heart Disease Classification Using Convolutional Neural Networks: A Deep Learning Approach	2025			IJRPR
13	Dr A J Kadam	Intelligent Robbery Detection System Using YOLOv8 and Convolutional Neural Networks: A Case Study	2025			IJRPR
14	Dr A J Kadam	Handwritten Digit Recognition using Convolutional Neural Networks: A Deep Learning Approach	2025			IJRPR
15	A S Deokar	AI-Driven Document Verification Using YOLOv8m and OCR for Indian Identity Documents	2025		1879-1719	Journal of Engineering and Technology



						Managem nt
16	V V Waykule	Wildfire Prediction Based On Satellite Imagery	Dec 2024		1012-3407	Journal of Technolog y
17	V V Waykule	Blood Group Detection Using Fingerprint Image	2025		1012-3407	Journal of Technolog y
18	Dr D M Ujalambkar	Automated Detection of Lower-Grade Gliomas Using Deep Learning with UNet and EfficientNet-B7	2025		2468-4376	JISEM
19	Shikha J Pachouly	Industrial Institute Interaction	Works hop at Imperial Overseas Educa tional Consu ltants	31/08/2024		
20	Mrs. Shikha Pachouly	IoT and Computer Vision for Efficient Parking Management in Urban Areas: A Comprehensive Review	2025	<a href="https://ijsret.com/wp-content/uploads/2025/01/IJSRET_V1_1_issue1_200.pdf">https://ijsret.com/wp-content/uploads/2025/01/IJSRET_V1_1_issue1_200.pdf</a>	2395-566X	Internation al Journal of Scientific Research & Engineerin g Trends

#### 4.6 BOOK / ARTICLE PUBLICATIONS

Term One				
Author	Title of the Book	Published by	ISBN	Year
Dr. D P Gaikwad	Ensemble and Genetic Algorithm-based Grading Method for Intrusion Detection Systems	Dr. D P Gaikwad	978-93-48859-43-3	2024
N R Talhar and D P Gaikwad	Design of Hybrid Approach for Cloud Resource Allocation Using Genetic	Springer, Singapore	978-981-97-8421-9	2024



	Algorithms and ML Techniques			
S G Dhengre	Signal Processing, Telecommunication and Embedded Systems with AI and ML Applications	Springer		2025

Term Two				
Author	Title of the Book	Published by	ISBN	Year
Dr. D P Gaikwad	Ensemble and Genetic Algorithm-based Grading Method for Intrusion Detection Systems			
S G Dhengre	Signal Processing, Telecommunication and Embedded Systems with AI and ML Applications	Springer		2025

Name of faculty	Citations, h-index, i10 index	Name of faculty	Citations, h-index, i10 index
Dr. Shashikant V. Athawale	Citation351,hindex-7, i10index-6	Dr. A j Kadam	156,6,4
Dr. Madhavi Pradhan	216,7,5	Ms A S Deokar	17,3,0
Dr. D. P. Gaikwad	649,11,13	Dr S R Nalamwar	7,10
N R Talhar	174,5,3		

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

#### 4.8 ME AWARDED

Sr No	Name of Supervisor	Title of Thesis	Name of Candidate
1	Dr.S V Athawale	AI-DRIVEN DEFECT DETECTION SYSTEMS FOR INDUSTRIAL APPLICATIONS	Roshni Sundrani Kailash
2	Dr. M. A. Pradhan	Synthetic Plant Leaf Disease Image Generation Using GANs: A	Sayali Sham Kapse

		Comparative Study on Feature Transfer from Source to Target Crops	
3	Dr A J KADAM	Comparative Analysis of 2D-CAD comparison with Custom-Trained computer vision models	Rutuja Bhimrao Shinde
4	Dr S R Nalamwar	AI Powered Generative Model for Urban Planning	Murfahad Aslam Shikalgar
5	Ms A S Deokar	AI-Driven Document Verification System using YOLOV8m and OCR for Indian IDENTITY documents	Amey Borade
6	Dr. D. M. Ujalambkar	Design a classifier to assess the quality of medicinal plant using learning algorithms	PRANITA VILAS SHITOLE

#### 4.9 Ph.D. GUIDE DETAILS

Name of Faculty who are PhD Supervisor	Number of Scholars Registered
Dr Dattatraya Shankar Bormane	5
Dr. Shashikant V. Athawale	4
Dr. Madhavi Pradhan	4
Dr. D. P. Gaikwad	4
Dr. Shabnam Farook Sayyad	4
Dr. (Mrs.) Sarika Nitin Zaware	4
Dr. S. D. Shirbahadurkar	1
Dr D B Hanchate	3

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

Sr No	Name of Supervisor	Title of Thesis	Name of Candidate
1	Dr. S. D. Shirbahadurkar	Indian Sign Language Recognition and Interpretation of video	Bormane Pradnya D.

# 5. INTERACTION WITH INDUSTRY

## 5.1 INDUSTRY VISITS ORGANIZED

Term One				
Sr. No.	Faculty Coordinator	Class and Number of students attended	Industry Name and Address	Date of visit
1	Prof. A S Deokar	18 Faculty	C-DAC, Panchawati Road, Pune 8	27/12/2024
2	Mr. Vipul Suresh Gunjal	TE -56	Sumago InfoTech	24/10/2024
3	Prof. Vrushali Kanavade	5th Sem Computer	Sumago Info Tech	24/10/2024



		Engineering / 56		
4	Ms. Minal Mallikarjun Swami	18 Faculty members	CDAC, Pune	27/12/2024
5				

Term Two				
Sr. No.	Faculty Coordinator	Class and Number of students attended	Industry Name and Address	Date of visit
1	Mrs. Neha Rai		Incubation Center pune	10-01-2025

## 5.2 EXPERT LECTURES / WEBINARS DELIVERED BY INDUSTRY EXPERTS

Term One					
Sr. No.	Faculty Coordinator	Class (Number of students attended)	Name, Industry, designation and contact details of Expert	Topic	Date
1	Dr. Shashikant V. Athawale	48 TE COMP	Meherzac Motafram Bridgeup Tech	An Expert Talk On Cyber security and its Applications	28th Aug 2024
2	Dr. M A Pradhan	52	IEEE India Operations, Bengaluru	Authoring quality technical papers for IEEE	04/07/2024
3	Dr. S R Nalamwar	TE A	Snehal Gore, Software Engineering	Curious to Creator earn AI/ML and shape the future	10/07/2024
4	Ms V V Waykule	TE A -46 Students	Dr. Swami Panjala-CEO and Founder Elites Software	FSM for Vending Machine	29/07/2024



5	Mr. Swamiraj Jadhav	BE A & TE A students	Ms. Snehal Gore, Software Engineering at Whirlpool Corporation	Curious to Creator earn AI/ML and shape the Future	10-07-2024
6	Ms. Minal Mallikarjun Swami	46	Mr. Pravin S	Advances of Database system	07/11/2024

Term Two					
Sr. No.	Faculty Coordinator	Class (Number of students attended)	Name, Industry, designation and contact details of Expert	Topic	Date
1	Ms A S Deokar	72	Mr. Amey Borade, Lead Software Engineer, Sciquis Infotech Pvt. Ltd, Banner, Pune	Modern Java & Best Practices	
2	Dr. D M Ujalambkar	50	Ms. Vrushali Papule, Data Analyst, GVTP Technologies	Business Intelligence-power BI	23/01/2025
3	Shikha J Pachouly	50	Mr. Glenn Murray, consulting Member of Technical Staff, Oracle	Emerging Trends of AI, BI, and NLP	31-01-2025
4	Mrs. Neha Rai		Mr. Glenn Murray, Consulting Member of Technical Staff, Oracle	Emerging Trends of AI, BI, and NLP	

### 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	Shashikant V. Athawale	"Perssist Technology Pvt Ltd" The students are working on a project titled "Campus Connect. A Unified Student & Staff Services and Engagement Platform".	"Perssist Technology Pvt Ltd"

2	Dr. M. A. Pradhan	Support for Medicinal Plant Identification Project / Leaf-Based Identifier and Classifier of Medicinal Plant (Mint Plant Only) Using Learning Algorithm	KAIPAVRISH ENVIRONMENTAL ACTION GROUP, Pune
3	Prof. N R Talhar	AI-Powered Personalized Assistant for Productivity and Self Growth	BitSyn Tech
4	Prof. N R Talhar	AcciDetect : Detection of road accidents using AI Techniques in the Machine Learning and AI	Elite Softwares
5	Ms A S Deokar	CommodityPredict: Machine Learning Based Commodity Suggestion Prediction Module	Growloc Private Limited, Pune, Maharashtra.
6	Mr. Swamiraj Jadhav	Water Trash Detection and Classification Using Deep Learning Algorithms	SkyCircuit Innovations Private Limited
7	Mrs. N A Rai	WasteWise: Smarter Cities, Cleaner Tomorrow	Shree Datta Engineering Works
8	Mr. Vipul Suresh Gunjal	Customer Churn Prediction E-commerce	Sai Agro Products

#### 5.4 MOU SIGNED WITH INDUSTRY

Term One				
Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto (00/00/0000)
1	Dr. S R Nalamwar	Sumago Infotech Pvt.Ltd	13/04/2022	13/04/2025

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

**TOTAL FUNCTIONAL / LIVE MOU INITIATED BY THE DEPARTMENT**



Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto (00/00/0000)
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## 5.5 FACULTY MEMBERS UNDERGONE INDUSTRIAL TRAINING

Term One			
Sr. No.	Name of Faculty	Name of Industry	Dates and Duration
1	Dr. Shashikant V. Athawale	Industrial Training in Microsoft Cloud and AI KasNet Technologies	21 Nov 2024 to 5th Dec 2024.
2	Mr.Vipul Suresh Gunjal	Desicolab Pvt Ltd	10/12/2024 to 13/12/2024
3	Mr.Vipul Suresh Gunjal	13th Engiexpo Industrial Engineering Expo in pune	28/11/2024 to 30/11/2024
4	Empowering Educators : Advanced Desing Thinking & Innovation	Desicolab Pvt. Ltd.	10/12/2024 to 13/12/2024

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

## 5.6 STUDENTS UNDERGONE IN-PLANT TRAINING AND (OR) INTERNSHIP PROGRAMME (Excluding Sandwich Training)

Term One						
Sr. No.	Name of the Student	Name of the Industry	Class	Training duration		
				Start date	Last date	Duration (days)
1	Soham Anand Harkare	Exposys Data Labs Bengaluru	TE			30 days
2	Avasare Samruddhi Anilkumar	Elite softwares	TE			45 days
3	Niraj Prasad Bagde	Ediglobe, 2nd Floor, Aadishwar Building,	TE			2 Months





		near HSR Fitness World, AECS Layout - A Block, AECS Layout, Singasandra, Bengaluru, Karnataka 560102, India				
4	<b>BAPAT ADITYA AJAY</b>	Elite softwares,Pune-CoHive, 3rd Floor, Dnyanvatsal Commercial Complex, Opp. Vandevi Mandir, Karve Rd, Kothrud, Pune, Maharashtra 411052	<b>TE</b>			<b>1 month 16 days</b>
5	<b>Harsh Nilesh Barbhai</b>	Anvistar ITS Pvt. Ltd. Internship Address: Remote (Online Internship)	<b>TE</b>			<b>4 months</b>
6	<b>Barkade Mayuri Atmaram</b>	Elite Softwares, Bhumkar chowk Wakad	<b>TE</b>			<b>1.5 months, 45 days</b>
7	<b>Prajyot Randhir Barsing</b>	The Website Makers , MIG 11, Housing Board colony Tadepalligudem, Andhra Pradesh,534101	<b>TE</b>			<b>2 months</b>
8	<b>Bendre Sahil Kishor</b>	Elite Softwares , wakad ,pune	<b>TE</b>			<b>1.5 months and 45 days</b>
9	<b>Bharekar Rohan Ramchandra</b>	Elite softwares, Wakad	<b>TE</b>			<b>1 month 15 days</b>
10	<b>Manas Rahul Bhondve</b>	Elite softwares , Wakad , Pune	<b>TE</b>			<b>1.5 Months (45 days)</b>
11	<b>Harshvardhan Manohar Bhorde</b>	Elite Software,Bhumkar Chowk,Pune-411057	<b>TE</b>			<b>1.5 months</b>
12	<b>Balkrishna Eknath Bile</b>	Ediglobe, Karnataka	<b>TE</b>			<b>2 Months</b>
13	<b>Biraje Samarth</b>	Main Flow Services and Technologies Pvt. Ltd. , Sector 63 , Noida , Uttar Pradesh	<b>TE</b>			<b>2 months / 60 days</b>



14	CORNEL RIYA SHAILESH	Main Flow Services and Technologies Pvt. Ltd. Noida, Sector 63, Uttar Pradesh	TE			2 months (56 days)
15	Niharika Kumar Dangat	KasNet Technology Pvt Ltd, Navle Icon	TE			1 month & 2 weeks
16	Gaikwad Abhijeet Ramdas	Anvistar ITS Pvt.Ltd	TE			45 Days
17	Gaikwad Aditya Rajendra	Exposys Data Labs, Bengaluru Karnataka India	TE			1 month
18	Gaikwad Shivtej Sunil	CGPI Software Private Limited , 6.office no.2, vishwas apt, in front of rohan park padmavati nagar , pune - 411009	TE			1 month 16 days
19	Ghuge Sarthak Ramdas	Aroma Brand Solutions, Pune, India	TE			2 Months (60 days)
20	Shreya Gokule	Elite Softwares,Bhumkar Chowk,Wakad,pun-57	TE			1and half months ,45 days
21	Gole Avdhoot Pravin	Datavision Software Solutions Pvt. Ltd., Uchil Heights, Rajbhavan Road, Aundh, Pune	TE			1 month 7 days
22	Piyush Sachin Gosavi	Clickstrail, near nal stop, pune	TE			one month and 6 days
23	Pranit Pravin Hake	Anvistar Pvt ltd	TE			45 days
24	HRISHIKESH PRASHANT PATIL	Elite Software,Bhumkar Chowk,Pune-411057	TE			1.5 months 45 days
25	Jadhav Saras Dnyaneshwar	Cognatech Solutions, Narhe, Pune - 411041	TE			3 months (12 weeks)
26	GANESH VIJAY KADAM	Esquare Technology Bhattad Complex, Shaniwar Peth,Karad-415 110, Satara, Maharashtra	TE			1 Month (29 Days)



27	Kajrekar Ketki Meghshyam	uvXcel IT Solutions, Unit No.223 , Goodwill Sqaure Mall, Dhanori, Pune.	TE			1 Month and 13 Days
28	Nikhil Harichandra Kalamkar	The Website Makers, MIG11, Housing Board Colony, Tadepalligudem, Andhra Pradesh 534101	TE			2 months
29	KALE SOHAM BABAN	The Website Maker, MIG 11, Housing Board colony Tadepalligudem, Andhra Pradesh	TE			2 months (62 days)
30	KALE TANMAY CHAKRADHAR	KasNet Technologies Pvt. Ltd ,Office no 201, Navale Icon, Wadgaon Budruk, Narhe, Pune, Maharashtra 411041	TE			1 Month 18 days
31	Kamale Snehal Pramod	EliteTech Intern, Office no. 311, DDA-2, District Center, Janakpuri, New delhi-110058	TE			1 month and 15 days
32	Neha Kamlesh	Office no 201, Navale Icon, Wadgaon Budruk, Narhe, Pune, Maharashtra 411041	TE			6 weeks
33	Khedkar Tushar Ashok	The Website Maker ,MIG 11, Housing Board colony, Tadepalligudem, Andhra Pradesh	TE			2 Months
34	Khose Nikhil Anil	Armtech AI private limited, Office No.302,3rd floor,Sai pruthvi Plaza,survey Number 01 ,Wadgaon Sheri,Pune 411014	TE			8 weeks
35	Kolekar vaibhav uttam	The Website Maker , MIG 11, Housing Board colony, Tadepalligudem, Andhra Pradesh	TE			2 months

36	Shravan Digambar Komejwar	The Website Makers , MIG 11, Housing Board colony, Tadepalligudem, Andhra Pradesh	TE			2 months
37	Kondejkar Vedant Vaibhav	Armetech Ai Pvt Ltd, Wadgaon sheri Pune 411014	TE			50 days
38	Kotekar Gauri Narayan	CognaTech Solutions, Narhe, Pune	TE			3 months 102 days
39	KUSHAGRA PACHOULY	KASNET TECHNOLOGIES PVT LTD	TE			1 Month 18 Days
40	Lakade Anjali Abhinandan	Elite Softwares, Bhumkar chauk,wakad, pune	TE			45 days
41	Shreya Indrajeet Hande	Bluestock Fintech, Karanji, Taluka Pathardi, District Ahmednagar, Maharashtra-6414106	TE			1 month & 16 days
42	Ipte Ankita Lahu	Elite Softwares, Near Bhumkar Chowk Wakad pune	TE			1 month 15 days
43	Dhruav Mandare	Kasnet Technologies , Wadgaon Budruk, Narhe, Pune, Maharashtra 411041	TE			45 days
44	Joshi Gargee Sunil	Webixnet. Pvt. Ltd. Sinhgad Campus Vadgaon Pune	TE			3 months 2 days
45	Deshpande Tejas Sachin	CodSoft pvt ltd, Kolkata, West Bengal, India	TE			1 Month(30 Days)
46	Dhale Sahil Ganesh	Elite Softwares, Vaastu Viva, Near Bhumkar Chowk, Wakad, Pune - 411057	TE			1 Month
47	Dhumal Harsha Prakash	CongnaTech Solutions Narhe, Pune	TE			3 Months, 102 Days
48	ANISH VISHNU MADHAV	Comviva Technologies Limited, 2nd floor Sharda Centre, Off	TE			2 months



		Karve Road, Erandwane, Pune, Maharashtra, 411004				
49	Lanke Parth Shivajirao	KasNet Technologies Pvt. Ltd.	TE			47 Days
50	Rupak Arvind Deshpande	Sakha Electricals Private Limited Plot No 82, MSEB Colony, Near Railway Station, Old Jalna. Maharashtra - 431203	TE			1 Month ( 30 Days )
51	Kaustubh Rajesh Jagtap	Anvistar ITS Pvt Ltd	TE			45 days
52	Chaudhari Tanvi Ganesh	Bluestock™ Fintech, Near Karanji, Taluka Pathardi, District Ahmednagar	TE			6 week
53	Dhaval Sanjay Dupare	KasNet technologies Office no 201, Navale Icon, Wadgaon Budruk, Narhe, Pune, Maharashtra 411041	TE			1 month 12 days
54	Ivare Payal Ankush	Bluestock Fintech Karanji, Taluka Pathardi, District Ahmednagar, Maharashtra, 414106	TE			45 days
55	Vishal Gupta	Anvistar Its pvt ltd 2nd floor gurukrupa building, Pune	TE			45 days
56	Siddhesh Santosh Ghode	Anvistar ITS PVT. Ltd pune	TE			45Days
57	Prasad Bharat Gaikwad	Anvistar pvt LTD, pune	TE			45Days
58	Harshal Ganesh Bagade	Elite Software, Wakad, Pune	TE			2 Months
59	Bhosale Prathamesh Jyotiba	Main Flow Services and Technologies Pvt. Ltd. Sector 63, Noida	TE			2 months /60 days
60	PATEL TOUHID SABIR	CODTECH IT SOLUTIONS PVT.LTD 8-7-7/2,	TE			6 weeks (42 days)



		Plot No: 51,Opp:Naveena School, Hasthinapuram Central, Hyderabad , 500 079, Telangana				
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Term Two						
Sr. No.	Name of the Student	Name of the Industry	Class	Training duration		
				Start date	Last date	Duration (days)

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

Term One				
Sr. No.	Faculty Coordinators	Industry Representative and Name of Industry	Nature of Contribution	
1	Dr Shashikant V. Athawale	Integrating IEEE Solutions into Engineering Education" event at the Sheraton Grand Bund Hotel Pune. This program was organise by IEEE for higher education (HEI)	IEEE	03/07/2024
2	Dr Shashikant V. Athawale	Nasscom Technology Confluence PUNE 2024	NASSCOM	14/11/2024

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



1	Dr Shashikant V. Athawale	DAICON - Leading Data, AI and Cloud Conference on Wed. Nov 27	DAICON	26/11/2024
2	Shikha J Pachouly	Industrial Institute Interaction	Workshop at Imperial Overseas Educational Consultants	31/08/2024
3	Mr.Vipul Suresh Gunjal	PATENT FILING AND PRIOR ART SEARCH MECHANISMS: A PRACTICAL APPROACH	ALL INDIA SHRI MEMORIAL SOCIETY'S COLLEGE OF ENGINEERING, PUNE	21/09/2024

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

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

Term Two			
Sr. No.	Faculty Coordinator	Technical Area in which Training Provided / Type of Support	Industry Name

## 5.9 ANY OTHER ACTIVITIES TO PROMOTE INTERACTION WITH INDUSTRY

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

Term Two			
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Sr. No.	Faculty coordinator	Name of Activity	Remark
1	Mr. S G Dhengre	Industry Institute Interaction (I3) Cell Meet Report	

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

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

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





# 6.STUDENTS' ACHIEVEMENTS

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

Term One		
Name of Student	Details of Achievement (State/University/ National/International Level)	Remark (Domain)
1.Samruddhi Chordiya	Inter-College Handball (W)	2nd
2.Gauri Jaiswal	Inter-College Handball (W)	2nd
3.Sejal Jagtap	Inter-College Handball (W)	2nd
4.Diksha Tupere	Navdhara State Level Project Competition	2nd



5.Samruddhi Thorat		
6.Dyaniraje		
7.Suryawanshi		
8.Darshna Shingavi		
9.Arya Toraskar		
10.Sweta Yadav		

Term Two		
Name of Student	Details of Achievement (State/University/ National/International Level)	Remark (Domain)
1. Harshalee Malu	University Level Poetry Reading (English)	1st
	Inter-College Story-Telling Competition	1st
	College Level Speech Competition	1st
	College Level Essay Writing Competition	2nd
2. Perna Waghmare	University Level Poetry Reading (Hindi)	1st
3.Pratham Amritkar	Riddle Rush	3rd
	Innovate and Inspire: Sci Quiz	3rd
	Settlement Design Competition	



## 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)
Bhakti Ghadge	NSS Camp Kalyan	

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

## 6.3 CERTIFICATE / ONLINE COURSES COMPLETED BY STUDENTS (Certificate courses, value added courses, MOOC, etc.)

Term One				
S N	Name of Student	Title of the Course	Conducted By	Duration/ Dates
1 2 3 4	Maheshwari Gaikwad Samidha Dhawale Srushti holkar Roshani Jadhav	ISRO and Mygov		5 sept 2024
5	Diksha tupere	my gov & ICMAI		27th march 2024
6	Bhakti Ravikumar ghadage	NDMA and Mygov Mahakumbh and mygov National institute of naturopathy and Mygov		

7	Dnyaniraje Suryawanshi	Code launch by CIPHERS Event : tech talk by Rotary club of Pune camp		23rd feb 2024
8	Disha Ramachandra jarad	artificial intelligence by infosys		13th June 2024
9	Arya Ravindra Toraskar	vigyanotsav : National Science day Quiz		10th June 2024

Term Two				
S N	Name of Student	Title of the Course	Conducted By	Duration/ Dates
1 2 3 4 5	Triveni Jadhav Harshalee Malu Roshani Jadhav Srushti Holkar Samidha Dhawale	EESL & mygov		21 jan 2025
6	Vivek Santu Dagale	python development by CIPHERS		13th feb 2025

#### 6.4 NUMBER OF STUDENTS PLACED

Term One			
Sr No	Name of Student Placed	Name of Organization	Package
1	Chavan Vishvesh Madhukar	Cognizant (CTS)	
2	Balasaheb Narayan Hinge	Cognizant (CTS)	



3	Vardhman Jain	Sutherland	
4	Pramod M Ahetti	BMC software	
5	Atharva Vijay Kunde	Cybernetics Software Pvt. Ltd.	
6	Sonshree Piwalatkar	Cognizant	
7	Janhavi Ravindra Patil	IBM	
8	Atharva Mahadev Bhosale	LTI Mindtree	
9	Shruti Deepak Waghmare	DigiLeaf Technologies Pvt. Ltd.	
10	Shreya Manish Bhavsar	IBM	
11	Shruti Vaibhav Bartakke	Airtel	
12	Atharva Dattatray Khatavkar	Johnson Controls	
13	Yash Gokul Mahajan	Ithena technologies pvt. Ltd.	
14	Shrutika Nandanwar	Johnsons control India	
15	Smita chandrakant Fulari	Johnsons control India	
16	Kaustubh Achyut Korpe	Cognizant	
17	Satyraj Harishchandra Madake	Cognizant	
18	Tejas Aananda Pawar	Cognizant	
19	Om Sunil Jadhav	Johnson Controls	



20	Joseph Martin	Cognizant	
21	Harshada Madhukar Aher	Vodafone intelligent solutions (VOIS)	
22	Sneha Kisan Agawane	Datafortune Software Solutions Pvt Ltd	
23	Siddhi Sangram Magdum	Vodafone intelligent solutions (VOIS)	
24	Yashi Kamlesh Solanki	Accelya Solutions	
25	Sanika Rahul Patil	LTI Mindtree	
26	Gayatri Mahesh Kulkarni	Infosys	
27	Yuvraj Rachappa Kottalagi	Vodafone intelligent solutions (VOIS)	
28	Riddhi Deepak Khot	Vodafone intelligent solutions (VOIS)	
29	Mayank Ughade	RhythmFlows Solutions Pvt. Ltd.	
30	Manish Satish Vautre	Cognizant	

Lower Package Offered:

Higher package Offered:

Average Package Offered:

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



Sr. No.	Name of Student	Examination	Examination / registration number
1	Vishvesh Madukar Chavan	GATE	CS25S12094101
2	Manish Satish Vautre	GATE	CS25S22102200
3	Raviraj Fulchand Shingate	GATE	CS25S112097206
4	Kiran Anil Vare	GATE	CS25S22095315
5	Bedre Akshay Ganesh	TOFEL	4140811240710186

**6.6 SPORTS / CULTURAL ACHIEVEMENTS OF STUDENTS (Individual Level) (Team level achievements to be mentioned in institute level sports/Cultural committee report)**

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

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

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

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

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



# **7. SUMMARY AND SWOC ANALYSIS**





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

Sr. No.	Details
1	We won best overall department 2024-25

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

FACULTY	ACTIVITY
Dr S V athawale	Slide share for students
Dr M A Pradhan	Google Class room
Dr D P Gaikwad	Google Class room
Dr A J kadam	Google Class room
Ms A S Deokar	Google Class room
N R Talhar	Google Class room
Dr S R Nalamwar	Google Class room
N A Rai	Google Class room
V M Kanavade	Google Class room

**7.3 FEEDBACK FROM STAKEHOLDERS**

Sr No	Stake holder	Number of Feedbacks Received	Overall Feedback
1	Alumni	75	More facilities are expected
2	Parents	38	Net and clean ambiance
3	Employers	15	Interpersonal skill and softskill
4	Students	157	Class rooms and lab navigation, College canteen food improvement expected.

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



Practical Help anywhere we implemented for all SE/TE/BE Students

One faculty one industry

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

The Chairperson reported that no major grievances requiring immediate action were received during the academic year 2024-25

## 7.6 SWOC ANALYSIS

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

### Strengths:

1	Heritage,AISSMS College is a co-educational institution with natural ambience for learning with a history of 100 years.
2	The college has 09 departments offering undergraduate and postgraduate programmes. The pass percentage of the graduate programmes is above 95%.
3	Faculty,Out of 21 the highly qualified 05 faculty, more than hundred teachers hold M tech, 04 are research supervisors.
4	Research,Five departments of the college offer programmes leading to PhD programs.
5	Ultra-Modern Computer Laboratories The college has a number of well operational air-conditioned modern computer labs with latest equipment and licensed software.

### Weaknesses:

1	Lack of Industry Connections:While the field of Computer Science thrives on collaborations with the IT industry, providing students with valuable opportunities for internships.
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2	Limited International Exposure: One of the challenges faced is the limited opportunities for students to gain international exposure, hindering their global perspective and cross-cultural understanding
3	Student diversity - to attract students from different demographics
4	Less importance to interdisciplinary research between departments
5	Low Research & Consultancy output in the form of patents, publications and products

### Opportunities:

1	Skill Development Initiatives: Leverage the autonomous status to introduce specialized skill development programs, short term courses aligned with industry requirements, enhancing students' employability
2	Research Fundings: Explore avenues for securing external research funding, tapping into government schemes and industry partnerships to support ambitious research and development initiatives.
3	Global Collaborations: Explore partnerships with international universities and institutions to provide students and faculty with avenues for exchange programs, collaborative research and exposure to diverse global perspectives.
4	Skill Development Initiatives: Leverage the autonomous status to introduce specialized skill development programs, short term courses aligned with industry requirements, enhancing students' employability
5	Research Fundings: Explore avenues for securing external research funding, tapping into government schemes and industry partnerships to support ambitious research and development initiatives.

### Challenges



1	Adapting to Emerging Technologies: The rapid pace of technological advancements poses a challenge in ensuring that the curriculum is continuously updated to meet industry demands and emerging trends.
2	Infrastructure Development: The need for ongoing infrastructure development to support the latest technologies and tools poses a challenge, requiring strategic planning and resource allocation.
3	Diversification of Placement Sectors: While excelling in traditional IT placements, there's a challenge in diversifying into emerging sectors such as artificial intelligence, data science and cybersecurity to align with the evolving job market.
4	Limited admission in PG courses due to higher placements at the undergraduate level in IT and IT-enabled services

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

1	To conduct international level workshops and conferences.
2	To apply for minor and major research projects.
3	To conduct an intercollegiate symposium.
4	To take autonomous status.
5	To focus on Government funding projects

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

Area	Initiatives
Organization of different activities	To organize International conference in coming Academic year
Research and Innovation	Focus on funded and government Projects

Industry institute Interaction	Collaboration with CDAC and Government Organizations.
Students' Achievements	Many students more than 300 completed self learning certificate

### SUMMARY SHEET (Annual)

Sr No	Activity/ Item	Numbers
PROFILE OF DEPARTMENT		
01	Students in the department	458
FACULTY CONTRIBUTION		
02	e content developed by faculty and available online	00
03	Number of FDP/STTP attended by the department faculty	54
04	Number of Seminars/ workshops/ webinars attended by the department faculty	8
05	Number of Conferences/ symposiums attended by the department faculty	6
06	Number of Online courses / certificate courses completed by department faculty	11



07	Number of extension lectures / webinars (Lectures delivered on other than technical topics))	2
08	Number of Faculty served as resource person, expert, chairperson	4
	<b>ACTIVITIES ORGANISED</b>	
09	Number of FDP/STTP organized by the department	3
10	Number of Seminars/ workshops/ webinars organized by the department (for faculty)	3
11	Number of Conferences/ symposiums organized by the department (for faculty)	0
12	Number of Extension activities conducted by the department (Social/ Quizzes at national/international level/any other activity)	2
13	MOU signed with academic and professional organizations	17
14	Number of Students' chapters /clubs	5
15	Number of Social activities organized	0
16	Number of Parent meeting	2
17	Number of Alumni meet	0
18	Number of student counseling and career guidance at the department level	1
	<b>RESEARCH CONTRIBUTION</b>	
19	Number of Funded research project	2
20	Number of Testing and consultancy	0
21	Number of Patents, copyright, trademark and other (IPR)	6
22	Number of Papers published/ presented in proceedings of conferences	8
23	Number of Papers published in journals	57



24	Number of Book/ article publications	5
25	Total Research citations	7
26	Number of ME awarded	6
27	Number of PhD AWARDED	1
	<b>INTERACTION WITH INDUSTRY</b>	
28	Number of Industrial visits organised	6
29	Number of Expert lectures delivered by industry experts	10
30	Number of Industry –sponsored projects (UG/PG)	8
31	Number of MOU signed with industry	1
32	Number of Faculty members undergone industrial training	4
33	Number of Students undergone in-plant training and (or) internship programme	0
34	Number of students placed	30
35	Number of students qualified in the examinations	13

### Declaration by the Head of the Department

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



**Name and Signature  
Head of Department**



  
**PRINCIPAL**  
ALL INDIA SHRI CHHATRAPATI SHIVAJI MAHARAJ MEMORIAL SOCIETY'S  
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