



MIT

Academy of
Engineering

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

Alandi (D) - 412105, Tal: Khed, Dist: Pune. Maharashtra

IQAC ANNUAL REPORT 2024-25

Alandi (D), Pune - 412 105

ACADEMIC YEAR : 2024-2025

Sr. No.	Name	Designation
01	Prof.(Dr.) Mahesh D. Goudar	Chairman IQAC
02	Prof.(Dr.) Shitalkumar. A. Jain	Administration Officers
03	Prof.(Dr.) Sunita S. Barve	
04	Prof. Sunilkumar.M.Bhagat	
05	Prof. Avinash Bhalerao	
06	Prof.(Dr.) Abhijeet Malge	Teachers Representative
07	Dr. Vaishali Wangikar	
08	Mrs. Ranjana Badre	
09	Dr. Shayam Shukla	
10	Prof. (Dr.) Rajeswari Goudar	
11	Dr. Sandeep Shewale	
12	Prof.(Dr.) Dipti Sakhare	
13	Prof.(Dr.) Prafulla Hatte	
14	Mr. Shridhar Khandekar	
15	Mrs. Vandana Khandelwal	Staff Representatives
16	Prof.(Dr.) Balasaheb. Waphare	Local Society Representatives
17	Prof.(Dr.) Anant Chakradeo	Management Representatives
18	Ms. Srushti Jadhav	Student Representatives
19	Mr. Vivek Chavan	Student Representatives
20	Mr. Anil Bhat	Alumni Representatives
21	Mr. Pravin Pawar	Industry Representatives
22	Mr. Girish Bora	
23	Dr. Suyogkumar Taralkar	IQAC - Coordinator, Dean QA

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Introduction

1. Introduction

MIT Academy of Engineering (MITAOE), Alandi, Pune, established in 1998 under MAEER, is a premier autonomous institute affiliated with Savitribai Phule Pune University and approved by AICTE. Offering ten B.Tech programs, two M.Tech programs, a B.Des in Design, and Ph.D. in Computer Engineering. MITAOE was granted autonomous status by UGC in 2016–17 and “Empowered Autonomous Institute” status by Savitribai Phule Pune University for the period of 2024–2034. All eligible UG programs are NBA-accredited under Tier-1 until June 2028. The institute holds NAAC 'A' grade (Cycle 1 & 2), ISO 21001:2018 certification, and UGC recognition under Sections 2(f) and 12(B).

MITAOE consistently ranks in national surveys including IIRF, and India Today. In 2025, it achieved Diamond Band in OBE Rankings, Gold Band in GOWR, and Titanium Band in India Academia Rankings. Its commitment to innovation and stakeholder satisfaction is reflected in multiple excellence awards and digital transformation recognitions.

Twenty-Eight student clubs at MITAOE provide a platform to students for their overall development in terms of technical, co-curricular and extra-curricular activities. Students from various clubs participated in various national/international competitions and bagged prizes.

Foundation Date	11/09/1998
Total College Land Area	8.3 Acre
Total Build up Area	238926
Affiliation to University	Savitribai Phule Pune University
Affiliation No	CEGP011310

VISION

To be a new age learning center for holistic development of students into professional engineers, to cater to the changing needs of techno-society.

MISSION

- To provide new age infrastructural facilities blended with skill based curriculum and activity based pedagogical approaches to develop competitive engineering professionals to solve real world problems.
- To prepare students for lifelong learning by transforming educational practices.
- To promote ethical and moral values by involving students into community services.
- To promote entrepreneurship and managerial skills by strengthening industry institute interaction.

Institute Achievements / Recognitions in 2024-25

2. Institute Achievements / Recognitions in 2024-25

1. Autonomy and Accreditation

- Granted **10-year extension of autonomy** by UGC and SPPU (2024–25 to 2033–34).
- Conferred with **Empowered Autonomous Status** by SPPU for the same duration.
- Received '**A**' **Grade accreditation** from NAAC (Cycle 2), valid from **Nov 2023 to Nov 2028**.
- **NBA Tier-I Accreditation:**
 - *Re-accredited:* Electronics & Telecommunication, Computer, Chemical, and Mechanical Engineering.
 - *First-time accreditation:* Civil Engineering.

2. Academic Expansion

- INDIAS BEST ENGINEERING INSTITUTES 2024-25.
- AICTE ATAL - EduSkills Faculty Development Program (FDP) on AWS Cloud 2024-25
- **ISO Certifications Achieved:**
ISO 21001:2018 Certification
 MITAOE is now fully compliant with the ISO 21001:2018 standard, recognizing it as one of the select few colleges in Maharashtra with this certification.
- The college has conducted Green Audit; The certificate is valid from 01st January 2024 to 31st December 2025.
- Energy and Environmental audits are conducted as per ISO standards and the certificates are valid up to 28th February 2026.
- Established **Ph.D. Research Center** in Computer Engineering (affiliated with SPPU).
- Launched new UG programs:
 - B. Tech in Computer (Software Engineering)
 - B. Tech in CSE: AI & ML
 - B. Tech in Data Science
 - B. Tech in Information Technology

3. Other Academic Expansion

- Award for outstanding performance in Innovation in HE and Skill Enhancement at Education Leaders summit Hyderabad.
- MoU sign with BITS, Goa for SLIP, Students Exchange Program, Academic and Research collaboration
- Sent 4 batches of ISIP to 4 foreign universities such as Coventry University UK, Teesside University, UK, University of Nottingham, Malaysia and Universiti Putra Malaysia.
- Inaugurates Blue Star Center of Excellence
 MIT Academy of Engineering Inaugurates Blue Star Center of Excellence. MIT Academy of Engineering proudly inaugurated the Blue Star Center of Excellence (CoE) in a grand ceremony that brought together esteemed guests from Blue Star Ltd. and MITAOE. Mr. Michael Angre delivered an inspiring keynote, highlighting Blue Star's commitment to equipping students with practical HVAC skills. The Center of Excellence will offer hands-

on training and skill development for students and Blue Star technicians, strengthening ties between academia and industry.

4. Faculty Development and Research

- Established **Centre for Excellence in Learning and Teaching (CELТ)** for pedagogical and professional development.
- Published **141 research papers** in SCOPUS, SCI, and Web of Science indexed journals/conferences/book chapters.
- Filed **97 Intellectual Property Rights (IPRs)** during the academic year.

5. Conferences and Collaborations

- Hosted **International Conferences** by Schools of E&TC, Computer, and Chemical Engineering.
- Signed **15 MOUs** with international universities for internships, exchange programs, and faculty collaboration.

6. Innovation and Social Impact

- **74 start-ups incubated** through the Entrepreneurship Development Foundation.
 - Received **Appreciation Certificates**:
 - From *Alandi Municipal Corporation* for cleaning during Kartiki Yatra 2024.
 - From *Pimpri-Chinchwad Traffic Police* for NSS volunteer support during Assembly Elections (Nov 20, 2024).
 - From *AICTE ATAL – Edu Skills FDP* on AWS Cloud Solutions Architect (Aug 2024).
 - "Our institute received an Appreciation Certificate from the Alandi Kartiki Yatra Municipal Corporation for the year 2024–25."

7. Cultural Excellence

- **MITAOE Art Circle Club** won **2nd Prize** in *Firodiya Karandak* (Feb 23, 2026). Won **2nd Prize** in *Firodiya Karandak 2025* for the presentation "*धरतीची आम्ही लेकरं*".



- **Nikita Shelar (TY ENTC)** won **1st Prize in Writing** at the same event, judged by eminent entertainment industry personalities.

8. TechSaksham Program Recognition

- Awarded **Certificate of Collaboration** for partnership in TechSaksham Program.
- Received **Certificate of Appreciation** for leadership and support in implementing the program.
- Recognized by **Microsoft, SAP, and Edunet Foundation** for active collaboration during 2024–25.

9. Sports and Event Management

- Successfully organized **two international chess tournaments** (July 2024) with **Rs. 12 Lakh** in actual prize money.
- Entirely sponsored by **Uinsports Pvt. Ltd.**
- Covered by **5–6 print media outlets**, highlighting the event's success.

10. External Rankings and Recognition

Our institution has consistently participated in various ranking systems and surveys to evaluate and enhance our standing. Here are some key highlights:

- **Annual Participation:** Every year, we take part in several ranking systems and surveys such as NIRF, India Today Ranking, Swatch Campus Ranking, AICTE-CII Survey of Industry-Linked Technical Institutes, and the Atal Ranking of Institutions on Innovation Achievements.
- **Graduate Outcome World Ranking 2024**
MITAOE has applied for the Graduate Outcome World Ranking 2024 hosted by GU Ranking.
- Outcome-based education OBE rankings 2023-24 silver band with B++ grade.
- Digital Institutional Index and Smart Campus DIISC Rankings.23-24.
- MIT Academy of Engineering, Pune DIGITAL & SMART CAMPUS RANKINGS 2024 for achieving excellence in Digital Institutional Index and Smart Campus Rankings. Your dedication to innovation and commitment to digital transformation have earned you this well-deserved recognition.
- Green Ranking-2023-24 Gold.
- **Indian Institutional Ranking Framework (IIRF) 2024:**
 - All India Rank: 85
 - State Rank: 15th
 - Zone Rank (Private Colleges): 17th
- **INDIA TODAY Rankings 2024:**
 - 114th Rank in Top Engineering Colleges in India
 - 86th Rank in Top Private Engineering Colleges in India
 - 19th Rank in Top Engineering Colleges in Maharashtra
 - 11th Rank in Top Engineering Colleges in Pune
- Outcome-based education OBE rankings 2024-25 Diamond Band.
- Digital Institutional Index, and Smart Campus Rankings (DIISC) 2025. GOLD +3.50/5.
- Graduate Outcome World Ranking (GOWR)-2024-25. 969 Gold Band in the "Graduate Outcome World Ranking-2024" by Global.
- INDIA ACADEMIA RANKING S 2025. Titanium Band in India Academia Rankings 2025
- MITAOE-Stakeholders Sentiment survey-2025 Application. Diamond Band 19th November 2024. Certificate of Excellence - Result of the Stakeholder Sentiment Survey 2025

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- Times-All India Annual Engineering Institutes Ranking Survey 15th April 2024.
- Subjects Rankings GU World Rankings 2025 Report submitted 5th December 2024.
- Technical & AI Rankings Report Submitted 20th January 2025.
- We have participated in various ranking systems to evaluate and enhance the standing of our institution.” This participation not only benchmarks our performance but also drives continuous improvement and innovation.

Institute Body / Committees

3. Institute Body / Committees

Sr. No	Particular
01	Governing body
02	Academic Council
03	Board of Studies
04	Planning and Evaluation Committee /College Development Committee
05	Institute Development Committee
06	Finance Committee
07	Internal Complaint Committee (Committee against Sexual Harassment)
08	Examination Committee
09	Anti-ragging & Disciplinary Committee
10	Internal Quality Assurance Cell
11	Grievance Redressal Committee (Faculty and Staff)
12	Disciplinary Committee (Faculty and Staff)
13	Caste Grievance Committee
14	Student Grievance Redressal Committee
15	Food Committee
16	Library Committee

Academic Programmes

4. Academic Programmes

Programme Code	Programme Name	Intake	Year of introduction (Date)
UG-CH	B. Tech Chemical Engineerinh	60	1999
UG-CV	B. Tech Civil Engineering	60	2014
UG-CS	B. Tech Computer Engineering	300	1999
UG-CS	B. Tech Computer Engineering (Software Engineering)	120	2023
UG-CS	B. Tech Computer Science and Engineering (Artificial Intelligence and Machine learning)	60	2024
UG-CS	B. Tech Computer Science and Engineering (Data Science)	60	2024
UG-CS	B. Tech Information Technology	60	2024
UG-ET	B. Tech Electronics & Telecommunication Engineering	180	1999
UG-ME	B. Tech Mechanical Engineering	120	2006
UG -BDES	B. Des (Design)	150	2020
PG-CS	M.Tech Computer Engineering	09	2010
PG-ME	M.Tech Mechanical Engineering	18	2015

Student Enrolment Details

5. Student Enrolment Details

Admission Details UG / PG

School / Division	Planned Intake	Applications Received	Actual Admissions	Male	Female	Home /Outside State Stats	Number of Scholarships given
Civil Engineering	60	60	60	43	17	60/0	51
Chemical Engineering	60	60	60	39	21	58/2	52
Computer Engineering	300	300	300	207	93	288/12	219
Electronics and Telecommunication Engineering	180	180	180	119	61	177/3	128
Mechanical Engineering	120	120	120	92	28	118/2	91
Software Engineering	120	120	120	82	39	117/3	90
AIML	60	60	60	42	18	55/5	41
DATA SCIENCE	60	60	60	43	17	57/3	40
IT	60	60	60	34	26	60 /0	46
DESIGN	150	91	80	21	59	79/1	57
PG- COMPUTER	9	7	7	3	4	7/0	0
PG-MECHANICAL	18	2	2	2	0	2/0	0

Students Statistics

6. Students Statistics

Year	Male	Female	Total
Stream Name : CIVIL ENGINEERING			
I	50	18	68
II	55	21	76
III	57	18	75
IV	40	13	53
Stream Name : CHEMICAL ENGINEERING			
I	42	28	70
II	46	24	70
III	48	23	71
IV	50	15	65
Stream Name: COMPUTER ENGINEERING			
I	241	105	346
II	207	95	302
III	171	50	221
IV	173	53	226
Stream Name : ELECTRONICS AND TELECOMMUNICATIO ENGINEERING			
I	138	68	206
II	143	84	227
III	97	48	145
IV	94	54	148
Stream Name : MECHANICAL ENGINEERING			
I	106	30	136
II	110	29	139
III	170	37	207
IV	171	22	193

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Stream Name : COMPUTER ENGINEERING (SOFTWARE ENGINEERING)			
I	97	46	143
II	55	24	79
III	0	0	0
IV	0	0	0
Stream Name : COMPUTER ENGINEERING (AIML)			
I	51	22	73
II	0	0	0
III	0	0	0
IV	0	0	0
Stream Name : COMPUTER ENGINEERING (DATA SCIENCE)			
I	53	19	72
II	0	0	0
III	0	0	0
IV	0	0	0
Stream Name : ELECTRONICS ENGINEERING			
I	0	0	0
II	56	26	76
III	52	20	72
IV	39	18	57
Stream Name : INFORMATION TECHNOLOGY			
I	45	27	72
II	0	0	0
III	0	0	0
IV	0	0	0
Stream Name : DESIGN			
I	28	63	91
II	21	60	81
III	24	47	71
IV	25	29	54

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PG			
Year	Male	Female	Total
Stream Name : COMPUTER ENGINEERING			
I	3	4	7
II	1	1	2
III	0	0	0
IV	0	0	0
Stream Name : MECHANICAL ENGINEERING			
I	2	0	2
II	1	0	1
III	0	0	0
IV	0	0	0

Faculty Development Programmes

7. Faculty Development Programmes

Sr. No.	Name of faculty	Title of event	Date of Event
1	Dr. Dipti Sakhare	"Data Sciences for ALL "	24th and March 6th, 2025
2	Dr. Vipin Yadav	"Data Sciences for ALL "	24th and March 6th, 2025
3	Dr. Abhilasha Joshi	"Data Sciences for ALL "	24th and March 6th, 2025
4	Prof. Ashitosh Chavan	E-content Development and Online Pedagogy'	17th March to 22nd March 2025.
5	Dr. Vrushali Waghmare	UGC Sponsored One Week Online Short Term Programme on 'Leadership Development'	13th February to 19th February 2025.
6	Dr. Puja Verma	Introductory Course on Quantum Computing	28-03-2025
7	Mr. Mahendra Shete.	2-Day National Workshop on Understanding the Skills and Techniques of Research Writing in English	02.04.2025.
8	Mr. Ankush Patil	NPTEL Course on Teaching and Learning in Engineering	03-04-2025
9	Mr. Ankush Patil	FDP on Teaching and Learning in Engineering	03-04-2025
10	Mr. Ankush Patil	NPTEL Course on Mathematical Modelling	03-04-2025
11	Mr. Ankush Patil	FDP on Mathematical Modelling	03-04-2025
12	Dr. Madhuri D.R	NPTEL Course on Teaching and Learning in Engineering	
13	Dr. Madhuri D.R	FDP on Teaching and Learning in Engineering	03-04-2025
14	Ms.Punam Gawali	NPTEL Course on Teaching and Learning in Engineering.	
15	Mr.Akshay Thorave	NPTEL Course on Teaching and Learning in Engineering.	
16	Mr.Akshay Thorave	FDP on Teaching and Learning in Engineering	03-04-2025
17	Dr. Gayatri Ambadkar	NPTEL-AICTE Faculty Development Programme on 'Effective Engineering Teaching In Practice'.	
18	Mrs. Shilpa shingare	Course on 'Write Smarter with Overleaf and LaTeX' by Coursera.	
19	Mr. Chaitanya S Bhosale	"Effective Engineering Teaching in practice" with the score of 78% under NPTEL online certification.	
20	Mrs. Rohini Banait	National Level Online Faculty Development Program on AI Frontiers: Advancements & Applications"	11th to 22nd March 2025.

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21	Dr. Shraddha S. Shende	two-days workshop on experiential Learning in Engineering Through Community Engagement: Agricultural Distribution systems	27th and 28th March 2025.
22	Dr Abhijeet D. Patil	Refresher Course on Computational Fluid Dynamics in Engineering	28th February to 11th March 2025 with B+ grade
23	Dr Abhijeet D. Patil	"INTERNATIONAL CONFERENCE ON SUSTAINABLE ENERGY AND ENVIRONMENT ICSEE	
24	Dr Sandeep P. Shewale	"INTERNATIONAL CONFERENCE ON SUSTAINABLE ENERGY AND ENVIRONMENT ICSEE	
25	Mrs. Rohini A Banait	22th NEP 2020 orientation and Sensitization Programme	17 march to 25 march 2025.
26	Mrs. Jaya S Mane	Database Management System" with the score of 62% under NPTEL online certification.	
27	Mr.Nikhil Bhalerao	"Disaster Management and Climate Change"	04.03.2025 to 10.03.2025.
28	Mr.Sitaram Surywanshi	"Disaster Management and Climate Change"	04.03.2025 to 10.03.2025.
29	Mr. Khushal Kanade	"Disaster Management and Climate Change"	04.03.2025 to 10.03.2025.
30	Ms.Swapnali Mohol	"Disaster Management and Climate Change"	04.03.2025 to 10.03.2025.
31	Dr.Muniappan N	"Use of CORS in nation building"	20-03-2025
32	Mr.Bhasakr Wabhitkar	Short Term Programme on Research Methodology And Quantitative Analysis	
33	Dr.Muniappan N	Poster presentation on World water day	
34	Ms.Anagha Galagali	Research Methodology And Quantitative Analysis	
35	Ms.Anagha Galagali	week course & answered exam for NPTEL course on "Effective Engineering Teaching in Practice"	
36	Dr.Vijay Muthekar	"Disaster Management and Climate Change"	04.03.2025 to 10.03.2025.
37	Dr. Kalpana Pawase	20th 'NEP 2020 Orientation & Sensitization Programme'	18th February to 27th February 2025.
38	Dr. Vivekanand Joshi	AICTE Recognized One Week Faculty Development Programme on 'Mentoring Skills for Effecting Curriculum Implementation' Conducted by Curriculum Development Centre Department,	3rd March to 7th March 2025.
39	Dr. Gayatri Ambadkar	'Application of GIS, Remote Sensing and Nanotechnology in Climate Change & Agriculture'	12th March to 20th March 2025.
40	Dr. Vivekanand Joshi	'Application of GIS, Remote Sensing and Nanotechnology in Climate Change & Agriculture'	12th March to 20th March 2025.
41	Dr. Sahebgoud Karaddi	One Week International Workshop on 'Recent Trends in Optimization Techniques	

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		for Challenging Engineering Applications (Online)	
42	Prof. Trupti Bhalerao	One Week International Workshop on 'Recent Trends in Optimization Techniques for Challenging Engineering Applications (Online)	24th January to 30th January 2025.
43	Dr. S. P. Shewale,	International Integrated Energy Exhibition & Conferences	
44	Dr. Parag Sutar	IIC IP & TT workshop	
45	Dr. M. P. Patil	Online Refresher Course on Computational Fluid Dynamics in Engineering	
46	Dr. Madhuri D.R	Innovations in Material Science & Engineering for Promoting Sustainability-	10/03/25 to 14/03/25.
47	Dr. R.M.Goudar	'NEP Orientation and Sensitization Programme"	17th March 2025
48	Neha Hajare	'NEP Orientation and Sensitization Programme"	17th March 2025
49	Prajakta Ugale	'NEP Orientation and Sensitization Programme"	17th March 2025
50	Pranali Lokhande	'NEP Orientation and Sensitization Programme"	17th March 2025
51	Kavitha S	'NEP Orientation and Sensitization Programme"	17th March 2025
52	Chetana Nemade	'NEP Orientation and Sensitization Programme"	17th March 2025
53	Shubhangi Kale	'NEP Orientation and Sensitization Programme"	17th March 2025
54	Prof. Yogesh B. Pawar	One Week Faculty Development Program (FDP) on "Empowering Research with Machine Learning: Trends, Tools, and Techniques"	March 17, 2025, to March 21, 2025,
55	Mr. Yogesh Bajirao Pawar	NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)	17/02/2025 to . 27/02/2025
56	Dr. Minakshi N Vharkate	one week online STTP on "Skill Development"	3.3.2025 to 8.3.2025
57	Dr. Santosh T Warpe	one week online STTP on "Skill Development"	3.3.2025 to 8.3.2025
58	Dr. Pramod D Ganjewar	one week online STTP on "Skill Development"	3.3.2025 to 8.3.2025
59	Mr. Yogesh B Pawar	NEP 2020 Orientation & Sensitization Programme	17.2.2025 to 27.2.2025.
60	Mr. Vijaykumar P Mantri	one week online STTP on "Skill Development"	3.3.2025 to 8.3.2025
61	Mrs. Jayashree S Yadannavar	one week online STTP on "Skill Development"	3.3.2025 to 8.3.2025
62	Ms. Nandini Phulpagar	Geeta Gunjan Exam (Chapters 12 & 15) conducted online at an international level	07-Mar-25
63	Ms. Nandini Phulpagar	Faculty Development Program on "AI Tools Integration in the Teaching-Learning Process"	13-Mar-25

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64	Ms. Nandini Phulpagar	online guest lecture on "Listening and Speaking Skills"	20 March 2025.
65	Mrs. Asha Abhilash	Faculty Development Program on "AI Tools Integration in the Teaching-Learning Process"	13-Mar-25
66	Mr. R. A. Patil	Refresher Course on Computational Fluid Dynamics in Engineering	28th February to 11th March 2025.
67	Mr. A. S. Chandore	A+ "NEP 2020: Orientation & Sensitization Programme"	3 rd March to 11th March 2025.
68	Dr. S. Bhowmik	NEP 2020: Orientation & Sensitization Programme"	3 rd March to 11th March 2025
69	Dr. Ruby Barsainya	Capacity Building Programme for administrative staff	March 3rd to March 7th 2025
70	Dr. Dipti Sakhare	UGC Sponsored One Week Online Short Term Programme on 'Leadership Development'	19th February 2025 and obtained 'A+' Grade.
71	Dr. Aniket Gundecha	UGC Sponsored One Week Online Short Term Programme on 'Leadership Development'	19th February 2025 and obtained 'A+' Grade.
72	Dr. Rashmi Mahajan	UGC Sponsored One Week Online Short Term Programme on 'Leadership Development'	19th February 2025 and obtained 'A+' Grade.
73	Dr. Sneha Pokharkar	UGC Sponsored One Week Online Short Term Programme on 'Leadership Development'	19th February 2025 and obtained 'A+' Grade.
74	Dr. Prachi Rajarapolu	20th 'NEP 2020 Orientation & Sensitization Programme'	26th February 2025.
75	Dr. Usha Verma	20th 'NEP 2020 Orientation & Sensitization Programme'	26th February 2025.
76	Prof. Shilpa Rudrawar	'Semiconductor Fabrication and Packaging Technology'	20th January to 31st January 2025
77	Dr. Rashmi Mahajan	'Semiconductor Fabrication and Packaging Technology'	20th January to 31st January 2025
78	Mr. Chaitanya S Bhosale	one week online STTP on "Leadership Development"	12.2.2025 to 19.2.2025 and obtained "A" Grade
79	5. Dr. Madhavi Y Nimkar	Deep Learning Techniques"	10.2.2025 to 15.2.2025.
80	Dr. A. M. Malge	20th "NEP 2020 Orientation & Sensitization Programme"	17 to 26 Feb 2025
81	Dr. M. M. Charde	20th "NEP 2020 Orientation & Sensitization Programme"	17 to 26 Feb 2025
82	Mr. S. B. Powar	20th "NEP 2020 Orientation & Sensitization Programme"	17 to 26 Feb 2025

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83	Dr. M. P. Joshi	Wadhvani Faculty Development Program on "Demonstrating their commitment to professional growth in entrepreneurship education and development in higher education"	20-Feb-25
84	Dr. S. V. Taralkar	AIM Industrial Conclave 2025	March 3, 2025
85	Dr. S. S. Gandhi	AIM Industrial Conclave 2025	March 3, 2025
86	Mr.Sitram Surywanshi,	"Disaster Management and Climate Change"	04.03.2025 to 10.03.2025.
87	Dr.Vijay Muthekar	"Disaster Management and Climate Change"	04.03.2025 to 10.03.2025.
88	Mr.Khushal Kanande	"Disaster Management and Climate Change"	04.03.2025 to 10.03.2025.
89	Ms.Swapnali Mohol	"Disaster Management and Climate Change"	04.03.2025 to 10.03.2025.
90	Mr.Nikhil Bhalerao	"Disaster Management and Climate Change"	04.03.2025 to 10.03.2025.
91	Dr. Vaishali Wangikar	"NEP 2020 Orientation and Sensitization Programme"	17 to February 26, 2025.
92	Dr. Madhuri D. R	STTP/FDP (Online mode)	13, 2025, to February 18, 2025.
93	Dr. Madhavi Y Nimkar	one week online UGC sponsored (MMTTC) short term course on "Deep Learning Techniques"	10.2.2025 to 15.2.2025.
94	Dr. Sandip A Kahate	Odoo X MIT AoE FDP	5-6 March 2025.
95	Mrs. Nita S Gore,	Odoo X MIT AoE FDP	5-6 March 2025.
96	Mr. Pankaj B Devre,	Odoo X MIT AoE FDP	5-6 March 2025.
97	Mrs. Priyanka G Mane	Odoo X MIT AoE FDP	5-6 March 2025.
98	Mrs. Suyoga Y Bansode	Odoo X MIT AoE FDP	5-6 March 2025.
99	Mrs. Diptee S Bhirud	Odoo X MIT AoE FDP	5-6 March 2025.
100	Mrs. Anjali M Patil	Odoo X MIT AoE FDP	5-6 March 2025.
101	Mrs. Savita S Mane	Odoo X MIT AoE FDP	5-6 March 2025.
102	Mr. Santosh R Ambre	Odoo X MIT AoE FDP	5-6 March 2025.
103	Mrs. Prajakta D Dashrath	Odoo X MIT AoE FDP	5-6 March 2025.
104	Mrs. Ambika I Kalbandi	Odoo X MIT AoE FDP	5-6 March 2025.
105	Mr.Sitram Surywanshi	Malaviya Mission Teacher Training Centre's Short Term Course in "Disaster Management and Climate Change"	04.03.2025 to 10.03.2025.
106	Dr.Vijay Muthekar	Malaviya Mission Teacher Training Centre's Short Term Course in "Disaster Management and Climate Change"	04.03.2025 to 10.03.2025.
107	Mr.Khushal Kanande	Malaviya Mission Teacher Training Centre's Short Term Course in "Disaster Management and Climate Change"	04.03.2025 to 10.03.2025.
108	Ms.Swapnali Mohol	Malaviya Mission Teacher Training Centre's Short Term Course in "Disaster Management and Climate Change"	04.03.2025 to 10.03.2025.

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109	Mr.Nikhil Bhalerao	Malaviya Mission Teacher Training Centre's Short Term Course in "Disaster Management and Climate Change"	04.03.2025 to 10.03.2025.
110	Prof. Shilpa Rudrawar	AMD-Xilinx Technical Webinar on FPGA SoC and Pmod Interface: Bridging Hardware and Software	20th February 2025
111	Dr. Abhilasha Joshi	Strong Foundation in Data Science: Principles and Techniques'	11th to 15th January 2025.
112	Mrs. Deepti N Bhirud	Research Frontiers: Expanding Faculty Expertise in Paradigms"	17 to 22 Feb 2025
113	Prof. Shridhar Khandekar & Prof. Vinaya Tapkir	One Week Faculty Development Program (Hybrid mode) on 'Digital Twin Revolution'	23rd December to 27th December 2024
114	Prof. Vinaya Tapkir	Faculty Development Program on 'Gen AI & Chat GPT Application in the Industry'	27th January to 31st January 2025
115	Prof. Vinaya Tapkir	Five-day online Faculty Development Program on 'New Era in AI'	9th December to 13th December 2024
116	Dr. Vivekanand Joshi	One-Week Faculty Development Program (FDP) on "AI/ML Applications for Next-Generation Wireless Communication"	3rd February to 9th February 2025
117	Dr. Alka Jakhar	Five-day Faculty Development Program (FDP) on 'Strong Foundation in Data Science: Principles and Techniques'	11th to 15th January 2025
118	Mr. Chaitanya S Bhosale	UGC-MMTTC, STTP on Leadership Development	13th February to 19th February 2025
119	Mr. Sopan K Shirsagar	UGC-MMTTC, STTP on Leadership Development	13th February to 19th February 2025
120	Mrs. Ambika I Kalbandi (Assistant Professor, MITAOE)	AICTE Training and Learning (ATAL) Academy Faculty Development Program on Health Care and MedTech for Swastha Bharat using AI	3rd February to 8th February 2025
121	Mrs. Deepti N Bhirud	STTP on Applications of Deep Learning	4th to 8th February 2025
122	Dr. Navnath D Kale	"AWS Cloud Solutions Architect"	3rd Feb to 8th Feb 2025.
123	Mr. Sopan Babu Kshirsagar	Data Science Fundamentals and Ethical Practices	3rd Feb - 8th Feb 2025
124	Mr. Vijay Mantri	Gen-AI and ChatGPT Applications in Industry	27th Jan - 31st Jan 2025
125	Mrs. Sapna Kolambe	Data Analytics for Decision Making	3rd Feb - 8th Feb 2025
126	Mrs. Jaya Mane	Data Analytics for Decision Making	3rd Feb - 8th Feb 2025
127	Dr. Jithina Jose	Data Analytics for Decision Making	3rd Feb - 8th Feb 2025

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128	Dr. Maya M. Charde	Gen-AI and ChatGPT Applications in Industry	27th Jan - 31st Jan 2025
129	Dr. Ashish Mulajkar	Digital Twin Revolution	23rd Dec - 27th Dec 2024
130	Dr. Vrushali Waghmare	Gen-AI and ChatGPT Applications in Industry	27th Jan - 31st Jan 2025
131	Dr. Sneha Pokharkar	Gen-AI and ChatGPT Applications in Industry	27th Jan - 31st Jan 2025
132	Dr. Sneha Pokharkar	New Era in AI	9th Dec - 13th Dec 2024
133	Dr. Vrushali Waghmare	New Era in AI	9th Dec - 13th Dec 2024
134	Mr. Sudesh Powar	Next Generation Engineering Practices: Materials, Design & Manufacturing	27th - 31st Jan 2025
135	Mr. S. B. Powar	AICTE-QIP Certificate Program on High Performance Computing	31st Jan 2025
136	Dr. P. C. Jikar	Advanced Materials for Defence & Aerospace Applications	27th Jan - 1st Feb 2025
137	Ms. Vandana Khandelwal	AI Agents in Libraries: Transforming Services and Engagement	4th Feb 2025
138	Dr. Usha Verma, Dr. Sneha Pokharkar	AICTE-QIP-PG Certificate Programme in High Performance Computing	July - Dec 2024
139	Dr. Vrushali Waghmare	AICTE-QIP-PG Certificate Programme in Machine Learning	30th June - 20th Dec 2024
140	Dr. Ashish Mulajkar	ATAL Academy FDP on Advanced Research Trends for Semiconductor Chip Designing	20th - 25th Jan 2025
141	Prof. Shilpa Rudrawar	Digital Twin Revolution	23rd - 27th Dec 2024
142	Ms. Vandana Khandelwal	Introduction to Microsoft Excel (Coursera Course)	25-Jan-25
143	Ms. Vandana Khandelwal, Mr. Mahesh Marab	National Workshop on "One Nation One Subscription"	30-Jan-25
144	Mr. R. A. Patil	One-Week Workshop on "Recent Advances in Design, Manufacturing & Testing of Composites"	6–11 January 2025
145	Dr. M. M. Charde	AICTE-QIP sponsored certificate program on "High performance computing"	Score: 66
146	Dr. P. C. Jikar	Online FDP on "Innovations and Frontiers in Metallurgical Engineering (IFMETE 2025)"	5 Days
147	Dr. V. A. Bhosale, Mr. A. J. Asalekar, Ms. A. B. Mane	AICTE-QIP sponsored certificate program on "High performance computing"	Completed
148	Prof. Savita Pawar, Dr. Sahebgoud Karaddi, Prof. Trupti Bhalerao	FDP on 'Designing Edge AI Application using STM32'	20–24 January 2025
149	Prof. Nutan Bansode	AICTE Training And Learning (ATAL) Academy FDP on IoT & AI Applications	8–13 January 2025
150	Dr. Kalpana Pawase	AICTE-QIP-PG Certificate Programme in High Performance Computing	July–December 2024
151	Prof. Saylee Bidwai	Turnip Innovation Festival 2025	25-Jan-25

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152	Prof. Satish Kabra	AICTE Training and Learning (ATAL) Academy FDP on Solar Photovoltaic Technology & Research Opportunities	13–18 January 2025
153	Prof. Amit Nagarale, Prof. Vaibhav Gijare	IdentityShield Summit '25	11–12 January 2025
154	Mr. V K Pingale	Seminar on "Engaging Gen Z: Strategies for Captivating Minds in the Digital Age"	09-Jan-25
155	Mr. Bhaskar Wabhitkar	Seminar on "Engaging Gen Z: Strategies for Captivating Minds in the Digital Age"	09-Jan-25
156	Mr. Sitaram Surywanshi	Seminar on "Engaging Gen Z: Strategies for Captivating Minds in the Digital Age"	09-Jan-25
157	Mr. Khushal Kanade	Seminar on "Engaging Gen Z: Strategies for Captivating Minds in the Digital Age"	09-Jan-25
158	Ms. Swapnali Mohol	Seminar on "Engaging Gen Z: Strategies for Captivating Minds in the Digital Age"	09-Jan-25
159	Dr. Muniappan	Seminar on "Engaging Gen Z: Strategies for Captivating Minds in the Digital Age"	09-Jan-25
160	Dr. Swapnil A Patare	Seminar on "Engaging Gen Z: Strategies for Captivating Minds in the Digital Age"	09-Jan-25
161	Ms. Shalaka Hire	Seminar on "Engaging Gen Z: Strategies for Captivating Minds in the Digital Age"	09-Jan-25
162	Sitaram Surywanshi	ISTE Approved One-Week Faculty Development Programme (FDP) on "Structural Audits & Non-Destructive Testing"	13–17 January 2025
163	Mrs. Ambika Kalbandi	One Week FDP on "Next-Gen AI: Innovations in Machine Learning, Deep Learning, and Generative Models"	6–11 January 2025
164	Ms. Prajakta D Dashrath	One-Week Short-Term Training Program on "Artificial Intelligence and Emerging Technology" (Hybrid Mode)	6–10 January 2025
165	Deepti N Bhirud	One-Week FDP on "Mastering AI Tools for Faculty Excellence"	23–27 December 2024
166	Mr. Sandeep C Shiravale	One-Week Industrial Training on "Cyber Security"	29 December 2024 – 4 January 2025
167	Mrs. Mayura A Kulkarni	Industrial Training at Apexion, Pune	23 December 2024 – 3 January 2025
168	Mr. R. A. Patil	One-Week Workshop on "Recent Advances in Design, Manufacturing & Testing of Composites"	6–11 January 2025
169	Mrs. Anita D Shingade	AICTE ATAL FDP on "Artificial Intelligence & IoT Driven Data Analytics in Industry 5.0"	9–14 December 2024
170	Mrs. Laxmi A Kale	AICTE ATAL FDP on "Artificial Intelligence & IoT Driven Data Analytics in Industry 5.0"	9–14 December 2024
171	Mrs. Anita D Shingade	UGC Sponsored Two Weeks Online Interdisciplinary Refresher Course on "Use of Artificial Intelligence in Higher Education"	9–21 December 2024

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172	Mrs. Laxmi A Kale	UGC Sponsored Two Weeks Online Interdisciplinary Refresher Course on "Use of Artificial Intelligence in Higher Education"	9–21 December 2024
173	Mrs. Anita D Shingade	Five-Day Online FDP on "New Era in AI"	9–13 December 2024
174	Mr. Vaibhav D Rewaskar	FDP on "Next-Gen AI: Innovations in Machine Learning, Deep Learning, and Generative Models"	6–11 January 2025
175	Mr. Sopan Babu Kshirsagar	One-Week FDP on "Exploratory Data Analysis: Techniques and Tools"	23–28 December 2024
176	Mr. Sopan Babu Kshirsagar	AICTE ATAL Sponsored Online FDP on "Defense Dynamics and Space Exploration: Bridging the Future"	6–11 January 2025
177	Mr. Chaitanya S Bhosale	FDP on "Next-Gen AI: Innovations in Machine Learning, Deep Learning, and Generative Models"	6–11 January 2025
178	Dr. Mayur Kumar Patil	One-Week ATAL FDP on "Recent Progress in Process Modelling, Simulation and Process Control"	Not specified
179	Mr. Pravin Suryawanshi	One-Week ATAL FDP on "Recent Progress in Process Modelling, Simulation and Process Control"	Not specified
180	Mr. Prasanna Kulkarni	One-Week ATAL FDP on "Recent Progress in Process Modelling, Simulation and Process Control"	Not specified
181	Mr. Chaitanya S Bhosale	AICTE ATAL Sponsored Online FDP on "Defense Dynamics and Space Exploration: Bridging the Future"	6–11 January 2025
182	Rohini Anup Banait	FDP on "Next-Gen AI: Innovations in Machine Learning, Deep Learning, and Generative Models"	6–11 January 2025
183	Poonam P Rayakar	FDP on "Next-Gen AI: Innovations in Machine Learning, Deep Learning, and Generative Models"	6–11 January 2025
184	Dr. Minakshi N Vharkate	One Week Online FDP on "Artificial Intelligence and Generative Models"	15–19 January 2024
185	Dr. Minakshi N Vharkate	UGC Sponsored Two Weeks Online Interdisciplinary Refresher Course on "Use of Artificial Intelligence in Higher Education"	9–21 December 2024
186	Dr. Minakshi N Vharkate	One Week FDP on "Exploratory Data Analysis: Techniques and Tools"	23–28 December 2024
187	Dr. Minakshi N Vharkate	One Week Online FDP on "Revolutionary AI: Blending Generative Power with Learning Machines"	16–20 December 2024
188	Ms. Bhagyashree R Alhat	FDP on "Next-Gen AI: Innovations in Machine Learning, Deep Learning, and Generative Models"	6–11 January 2025
189	Dr. Dipti Sakahre	Leadership Workshop	4–5 January 2025
190	Prof. Amit Nagarale	3-Day FDP on "Embedded Linux Programming"	16–18 December 2024

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191	Mrs. Shilpa Shingare	Online Certification on "Vital Signs: Understanding what the body is telling us"	Not specified
192	Mr. Khushal Kanade	One Week FDP on "Smart Cities & Sustainable Mobility" (Online Mode)	23–28 December 2024
193	Ms. Swapanli Mohol	One Week FDP on "Smart Cities & Sustainable Mobility" (Online Mode)	23–28 December 2024
194	Dr. Muniappan N	One Week FDP on "Smart Cities & Sustainable Mobility" (Online Mode)	23–28 December 2024
195	Dr. Muniappan N	Remote Pilot Certification Course	23–31 December 2024
196	Mrs. Mayura A Kulkarni	Industrial Training at Apexion	21–29 December 2024
197	Dr. Minakshi N Vharkate	FDP on "Exploratory Data Analysis: Techniques and Tools"	23–28 December 2024
198	Dr. Sandeep D Pande	FDP on "Mastering AI Tools for Faculty Excellence"	23–27 December 2024
199	Mrs. Padma P Nimbhore	ATAL FDP on "Emerging Trends in AI and Data Science for Next-Generation Cyber Analytics"	30 December 2024 – 4 January 2025
200	Mrs. Kavitha S	FDP on "Exploratory Data Analysis: Techniques and Tools"	23–28 December 2024
201	Mrs. Pranali P Lokhande	FDP on "Exploratory Data Analysis: Techniques and Tools"	23–28 December 2024
202	Mrs. Shubhangi P Kale	FDP on "Exploratory Data Analysis: Techniques and Tools"	23–28 December 2024
203	Mrs. Sharmila B Kharat	FDP on "Exploratory Data Analysis: Techniques and Tools"	23–28 December 2024
204	Mrs. Vinodini U Gupta	ATAL FDP on "Emerging Trends in AI and Data Science for Next-Generation Cyber Analytics"	30 December 2024 – 4 January 2025
205	Mrs. Pushpmala V Shinde	ATAL FDP on "The Future of Quantum Computing and High-Performance Computing (HPC)"	23–28 December 2024
206	Mr. Nilesh D Navghare	FDP on "Exploratory Data Analysis"	23–28 December 2024
207	Mr. Chaitanya S Bhosale	FDP on "Mastering AI Tools for Faculty Excellence"	23–27 December 2024
208	Mrs. Savita S Mane	FDP on "Mastering AI Tools for Faculty Excellence"	23–27 December 2024
209	Mrs. Savita Sudhakar Mane	Online FDP on "New Era in AI"	9–13 December 2024
210	Mrs. Anjali M Patil	Online FDP on "New Era in AI"	9–13 December 2024
211	Mrs. Anjali M Patil	FDP on "Mastering AI Tools for Faculty Excellence"	23–27 December 2024
212	Mrs. Pranali P Lokhande	UGC Sponsored Two Weeks Online Interdisciplinary Refresher Course on "Use of Artificial Intelligence in Higher Education"	9–21 December 2024
213	Mr. Chaitanya S Bhosale	UGC Sponsored Two Weeks Online Interdisciplinary Refresher Course on "Use	9–21 December 2024

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		of Artificial Intelligence in Higher Education"	
214	Mr. Chaitanya S Bhosale	FDP on "Exploratory Data Analysis: Techniques and Tools"	23–28 December 2024
215	Dr. Rajeshwari M Goudar	FDP on "Exploratory Data Analysis: Techniques and Tools"	23–28 December 2024
216	Dr. Swapnil Patare	AICTE NITTT Module 1 on "Orientation Towards Technical Education and Curriculum Aspects"	Not specified
217	Mr. Khushal Kanade	5-Day FDP on "Life Skills Development"	Not specified
218	Dr. Swapnil Patare	NPTEL Course "Accreditation and Outcome-Based Learning" (Elite+ Silver Category)	8 weeks
219	Dr. Muniappan N	6-Day AICTE ATAL FDP on "Ansys Structural Analysis"	2–6 December 2024
220	Ms. Snehal Wagh	NPTEL Course "Accreditation and Outcome-Based Learning" (Elite Category)	8 weeks
221	Mr. Bhaskar Wabhitkar	AICTE QIP PG Certification in Machine Learning	Dec-24
222	Mr. Sitaram Surywanshi	AICTE QIP PG Certification in IoT	12–24 December 2024
223	Mr. Khushal Kanade	One-Week FDP on "Smart Cities & Sustainable Mobility"	23–28 December 2024
224	Ms. Swapnali Mohol	One-Week FDP on "Smart Cities & Sustainable Mobility"	23–28 December 2024
225	Dr. Sandeep P. Shewale	AICTE ATAL FDP on "Sustainable Practices in Energy and Environment Sector"	Not specified
226	Ms. Mamta Sardare	AICTE ATAL FDP on "Sustainable Practices in Energy and Environment Sector"	Not specified
227	Ms. Shraddha Shende	AICTE ATAL FDP on "Sustainable Practices in Energy and Environment Sector"	Not specified
228	Dr. Mayurkumar Patil	AICTE ATAL FDP on "Sustainable Practices in Energy and Environment Sector"	Not specified
229	Dr. Abhijeet Patil	AICTE ATAL FDP on "Sustainable Practices in Energy and Environment Sector"	Not specified
230	Dr. Kunjan Junghare	AICTE ATAL FDP on "Sustainable Practices in Energy and Environment Sector"	Not specified
231	Mr. Pravin Suryawanshi	AICTE ATAL FDP on "Sustainable Practices in Energy and Environment Sector"	Not specified
232	Dr. Sandeep P. Shewale	AICTE ATAL FDP on Cultivation Design Thinking and Innovation – a pathway for sustainability in Industry 5.0	2024
233	Dr. Swapanil Patare	AICTE NITTT Module 1 - Orientation Towards Technical Education and Curriculum Aspects	2024
234	Mr. Khushal Kanade	5-Day FDP on Life Skills Development	2024
235	Dr. Swapanil Patare	NPTEL Course in Elite+ Silver Category - Accreditation and Outcome Based Learning (8-week course)	2024
236	Dr. Muniappan N	AICTE ATAL FDP on Ansys Structural Analysis	02/12/2024 - 06/12/2024

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237	Ms. Snehal Wagh	NPTEL Course in Elite Category - Accreditation and Outcome Based Learning (8-week course)	2024
238	Dr. Sneha Pokharkar	Data Analytics and Visualisation	03/12/2024 - 07/12/2024
239	Dr. Vrushali Waghmare	Data Analytics and Visualisation	03/12/2024 - 07/12/2024
240	Dr. Pramod D Ganjewar	AICTE ATAL FDP on Cyber Security and Ethical Hacking	02/12/2024 - 07/12/2024
241	Mrs. Shubhangi P Kale	AICTE ATAL FDP on Recent Trends in Deep Learning and Large Language Models (RTDLLLM)	02/12/2024 - 07/12/2024
242	Mrs. Kavitha S	AICTE ATAL FDP on Recent Trends in Deep Learning and Large Language Models (RTDLLLM)	02/12/2024 - 07/12/2024
243	Mrs. Prajakta V Ugale	AICTE ATAL FDP on Recent Trends in Deep Learning and Large Language Models (RTDLLLM)	02/12/2024 - 07/12/2024
244	Mrs. Pranali P Lokhande	AICTE ATAL FDP on Recent Trends in Deep Learning and Large Language Models (RTDLLLM)	02/12/2024 - 07/12/2024
245	Mrs. Vinodini U Gupta	AICTE ATAL FDP on Recent Trends in Deep Learning and Large Language Models (RTDLLLM)	02/12/2024 - 07/12/2024
246	Dr. Minakshi N Vharkate	AICTE ATAL FDP on Recent Trends in Deep Learning and Large Language Models (RTDLLLM)	02/12/2024 - 07/12/2024
247	Mrs. Pushpmala V Shinde	AICTE ATAL FDP on Recent Trends in Deep Learning and Large Language Models (RTDLLLM)	02/12/2024 - 07/12/2024
248	Dr. Madhavi Y Nimkar	AICTE ATAL FDP on Recent Trends in Deep Learning and Large Language Models (RTDLLLM)	02/12/2024 - 07/12/2024
249	Mr. Chaitanya S Bhosale	AICTE ATAL FDP on Recent Trends in Deep Learning and Large Language Models (RTDLLLM)	02/12/2024 - 07/12/2024
250	Dr. Aniket Gundecha	MathWorks Automotive Conference 2024	19-11-2024
251	Dr. Ashish Mulajkar	NPTEL Certification Course - Electronic System Design: Hands-on Circuits and PCB Design with CAD Software	12 Weeks (2024)
252	Mr. Shailesh Gurav	NPTEL Certification Course - Introduction to Internet of Things	12 Weeks (2024)
253	Mr. Pramod A. Dharmadhikari	One Week Faculty Development Program on "Generative AI"	7th October - 12th October 2024
254	Dr. Aniket Gundecha	Five Day Faculty Development Programme on 'Integrating Electric Vehicle Design, Simulation and Control into Engineering Education'	26th August - 30th August 2024
255	Prof. Nutan Bansode, Dr. Vrushali Waghmare, Dr. Kalpana Pawase	One Week International Level Faculty Development Programme on 'AI Innovations and MATLAB Solutions'	23rd September - 28th September 2024

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256	Dr. Kalpana Pawase	NPTEL Online Certification Course on 'Teaching and Learning in General Programs: TALG'	Not specified
257	Prof. Shridhar Khandekar, Dr. Kalpana Pawase, Dr. Sachin Shingade	Internal Auditors Training for Educational Organizations Management System as per ISO 21001:2018	30th September - 1st October 2024
258	Dr. Ashish Mulajkar	ISTE approved One Week Short Term Training Program on 'Exploring IoT & 5G using AI, ML'	2nd September - 6th September 2024
259	Prof. Nutan Bansode	Workshop on 'Indian Knowledge System' on the Theme 'Integration of Indian Knowledge System in Engineering Curriculum'	7th October 2024
260	Dr. Rashmi Mahajan, Prof. Shilpa Rudrawar, Dr. Ashish Mulajkar	Mentor workshop on 'System Verification Using Siemens Mentor Graphics'	18th October 2024
261	Dr. Vipin Prakash Yadav	Five Days Online Short-term Course on 'Artificial Intelligence Assisted Healthcare Systems: Innovations in Biomedical Signal and Image Processing'	6th September - 10th September 2024
262	Prof. Trupti Bhalerao	ISTE approved self-financed Three Days Short Term Training Program (STTP) on 'Transforming Education with 4.0: Preparing faculty for the Digital Revolution'	3rd October - 5th October 2024
263	Mrs. Shilpa Shingare	Quiz conducted on occasion of Reading Inspirational Day	15th October - 22nd October 2024
264	Dr. Sandeep Shewale	19th SUSTAINABILITY SUMMIT (Driving Change for a Sustainability Conscious World)	
265	Dr. Arnab Mandal	NPTEL course on "Teaching and Learning in General Programs: TALG"	
266	Dr. Sudhir S Gandhi	One-day Faculty Development Program on "Indian Knowledge System (IKS)"	7th Oct 2024
267	Dr. Avinash Kamble	5-day Faculty Development Program (FDP) on "The Future of Mechanical Engineering: AI and Its Transformative Impact"	17th - 21st Sept 2024
268	Dr. Avinash Kamble	One Week Online Workshop on "Electric Vehicles"	30th Sept - 5th Oct 2024
269	Dr. Avinash Kamble	One-week International Level Faculty Development Program on "AI Innovations and MATLAB Solutions"	23rd - 28th Sept 2024
270	Mr. R. A. Patil	5 Days Skill Development Course on "Learning Computational Fluid Dynamics with Ansys Fluent"	23rd - 27th Sept 2024
271	Sharmila Kharat	5 Days International Faculty Development Program on Gen-AI and Prompt Engineering Using Microsoft Co-Pilot	16th - 20th Sept 2024
272	Shubhangi Kale	5 Days International Faculty Development Program on Gen-AI and Prompt Engineering Using Microsoft Co-Pilot	16th - 20th Sept 2024

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273	Kavitha S.	Short-Term Training Programme (STTP) on Rubrics Development for Performance Assessment	5th - 9th Aug 2024
274	Pranali Lokhande	Short-Term Training Programme (STTP) on Rubrics Development for Performance Assessment	5th - 9th Aug 2024
275	Dr. Rajeshwari M Goudar	5 Days International Faculty Development Program on Gen-AI and Prompt Engineering Using Microsoft Co-Pilot	16th - 20th Sept 2024
276	Dr. Rajeshwari M Goudar	10 Hours International Faculty Development Program on Machine Learning and Artificial Intelligence	12th - 19th Aug 2024
277	Dr. Rajeshwari M Goudar	Short-Term Training Programme (STTP) on Rubrics Development for Performance Assessment	5th - 9th Aug 2024
278	Dr. M. M. Charde	Powering the Use of AI Tools to Scale Teaching and Learning	18th Sept 2024
279	Dr. M. M. Charde	One-day Workshop on "Women Safety and Scholarship"	20th Sept 2024
280	Sapana Amol Kolambe	Faculty Development Program (FDP) on "Cyber Security and Ethical Hacking"	26th - 30th Aug 2024
281	Dr. S. D. Barewar	Faculty Orientation Program (FOP) for Ignite Entrepreneurship Course	9th July - 26th Aug 2024
282	Mrs. Aarti V Deshpande, Dr. Madhavi Y Nimkar, Mrs. Priyanka G Mane, Mrs. Nita S Gore, Mrs. Poonam A Manjare	AWS Academy Cloud Foundation	21st Aug 2025
283	Dr. Prafulla Hatte	International Summer Internship Program (ISIP) Mentor at UPM, Malaysia	Aug-24
284	Mrs. Diptee S Ghusse	Faculty Exchange Program	28th Aug - 30th Sept 2024
285	Dr. P. C. Jikar	AWS Academy Graduate - AWS Academy Cloud Architecting (60 Hrs. Course)	23rd Aug 2024
286	Dr. P. C. Jikar	6 Days Workshop Certificate on AWS Cloud	19th - 24th Aug 2024
287	Ms. Bhagyashri R Alhat	AWS Academy Cloud Foundation	21st Aug 2025
288	Mr. Chaitanya S. Bhosale	Short Term Faculty Development Program on NEP 2020 Orientation & Sensitization (MM-TTP)	5th - 13th Aug 2024
289	Mr. Chaitanya S. Bhosale	10 Hours International Faculty Development Program on AI and Gen AI with Industry Application	16th - 22nd July 2024
290	Ms. Shubhangi P. Kale	10 Hours International Faculty Development Program on AI and Gen AI with Industry Application	16th - 22nd July 2024
291	Dr. P. C. Jikar	AWS Academy Graduate - AWS Academy Cloud Foundations (20 Hrs Course)	21st Aug 2024
292	Dr. Dipti Sakhare, Dr. Prachi Rajarapolu, Prof. Ashitosh Chavan	40 Hrs Faculty Development Programme on 'Implementing IoT and Deep Learning Applications on Edge Devices'	15th - 25th July 2024

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293	Mr. Ashish Mulajkar	Five Days National Level Faculty Development Programme on 'Exploring Computational Intelligence'	16th - 20th July 2024
294	Prof. Nutan Bansode	Seminar on 'Unlocking AI Workflow of Engineered Systems'	10th Aug 2024
295	Mr. S. B. Powar	Two Weeks Online Faculty Development Program on "Effective Techniques for Online/Blended Teaching-Learning and E-content Development"	22nd June - 5th July 2024
296	Prof. Dr. Maya M. Charde	Intensive Training on Industry Connect and Cutting-Edge Technologies	29th July - 2nd Aug 2024
297	Dr. P. C. Jikar & Dr. V.A. Bhoale	One-day Workshop on "Metal 3D Printing"	9th Aug 2024
298	Mr. Bhaskar Wabhitkar	5-day Workshop on Field Oriented Challenges in Civil Engineering (FOCCE-2024)	[Not Specified]
299	Mr. Bhaskar Wabhitkar	One-month Revit Architecture Certification Course	[Not Specified]
300	Dr. Muniappan N	Faculty Development Program (FDP) on "AI, ML & DL"	8th - 18th July 2024
301	Dr. Muniappan N	Certification on "Building Life-Cycle Assessment Onboarding"	[Not Specified]
302	Dr. Muniappan N	One-month Certification Course by Autodesk in Revit Architecture	6th Aug 2024
303	Ms. Anagha Galagali	One-month Certification Course by Autodesk in Revit Architecture	6th Aug 2024
304	Ms. Swapnali Mohol	5-day Online Workshop on Research Methodology	23rd - 27th July 2024
305	Ms. Snehal Wagh	Webinar on "Accelerate Research with EndNote21"	30th - 31st July 2024
306	Ms. Vandana Khandelwal	UGC-Sponsored Short-Term Programme on Library and Information Science (Grade "A")	1st - 7th July 2024
307	Mr. A. M. Kolhe	New IPR 2024 e-Workshop	24th - 29th June 2024
308	Mrs. M. R. Pokharna	21 Days Online "Masterclass on Internet of Things"	26th June - 16th July 2024
309	Dr. Smita Kulkarni	AICTE Training and Learning (ATAL) Academy - Eduskills Faculty Development Program on 'Google AI-ML'	15th - 20th July 2024
310	Prof. Savita Pawar	Faculty Development Program on 'Bridging Academia & Industry: Modern Practices in CS Education'	24th - 28th June 2024
311	Prof. Satish Kabra	One-week FDP on 'Resilient Integrated Systems with Energy Produced by Optimized Widespread Energy Renewables' (RISE-POWER 2024)	22nd - 26th July 2024
312	Prof. Nutan Bansode	Mastering Biomedical Systematic Literature Reviews: Methodologies, Challenges, and Tools	18th July 2024
313	Dr. Rashmi Mahajan	IUCEE International Engineering Educator Certification Program	[Not Specified]

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314	Dr. Rashmi Mahajan	Two-week ISTE Approved STTP on 'Recent Trends in AI, ML & IoT'	12th - 25th June 2024
315	Dr. Rashmi Mahajan	Two-week Industrial Training Program on 'Advances in VLSI System Design'	1st - 14th July 2024
316	Dr. Ashish Mulajkar	Five Days National Level Faculty Development Programme on 'Exploring Computational Intelligence'	16th - 20th July 2024
317	Dr. S. P. Shewale	participated in IEEE English for Technical Professionals	
318	Dr. Vijay Muthekar	One-week FDP on "Recent Advances in Structural Engineering and Material Science (RASEMS)"	25th - 29th June 2024
319	Mr. NV Bhalerao	One-day Workshop on "Awareness about NEP-2020 Structure Implementation Workshop for Teachers and Administrative Staff 2024"	2nd July 2024
320	Dr. VV Muthekar	One-day Workshop on "Awareness about NEP-2020 Structure Implementation Workshop for Teachers and Administrative Staff 2024"	2nd July 2024
321	Ms. Swapnali Mohol	One-day Workshop on "Awareness about NEP-2020 Structure Implementation Workshop for Teachers and Administrative Staff 2024"	2nd July 2024
322	Dr. Muniappan	One-day Workshop on "Awareness about NEP-2020 Structure Implementation Workshop for Teachers and Administrative Staff 2024"	2nd July 2024
323	Mrs. Anagha Galgali	One-day Workshop on "Awareness about NEP-2020 Structure Implementation Workshop for Teachers and Administrative Staff 2024"	2nd July 2024
324	Mrs. Snehal Wagh	One-day Workshop on "Awareness about NEP-2020 Structure Implementation Workshop for Teachers and Administrative Staff 2024"	2nd July 2024
325	Mr. PS Barve	One-day Workshop on "Awareness about NEP-2020 Structure Implementation Workshop for Teachers and Administrative Staff 2024"	2nd July 2024
326	Dr. P.S. Kalos	One-day Workshop on "Awareness about NEP Structure Implementation for Teachers & Administrative Staff 2024"	2nd July 2024
327	Prof. Vaishali Katkar, Prof. Shilpa Rudrawar	Two-week ISTE Approved STTP on 'Recent Trends in AI, ML & IoT'	12th - 25th June 2024
328	Dr. Sneha Pokharkar	Introduction to CIP Program Graduation	[Not Specified]
329	Dr. Sneha Pokharkar	Faculty Development Program (Outstanding Score: 96%)	2nd - 30th June 2024
330	Prof. Aswathy M.A.	Workshop on 'Quantum Computing'	25th - 26th June 2024
331	Prof. Amit Nagarale	SERB Sponsored High-end Workshop (Kaaryashala) on 'Emerging Trends in EV	1st - 6th July 2024

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		Technology and Charging Station Infrastructure'	
332	Prof. Savita Pawar, Prof. Vinaya Tapkir	National Level Six-Day Online Short Term Training Program on 'Effective AI Tools for Enhancing Teaching, Learning, and Research'	1st - 6th July 2024
333	Dr. Dipti Sakhare, Prof. Shilpa Rudrawar, Prof. Vinaya Tapkir, Prof. Amit Nagarale, Dr. Rashmi Mahajan, Prof. Nikhil Sardar, Prof. Nutan Bansode, Prof. Isaq Shikalgar	Two-week Online Faculty Development Program on 'Effective Techniques for Online / Blended Teaching-Learning & E-content Development'	22nd June - 5th July 2024
334	Prof. Sachin Shingade	Webinar on 'Recent Advances on Low Phase Noise mmWave Oscillators'	11th July 2024
335	Prof. Satish Kabra, Dr. Gayatri Ambadkar, Prof. Sachin Shingade, Dr. Ashish Mulajkar, Dr. Vishal Puranik, Prof. Vivekanand Joshi, Mr. Gajanan Vyawhare, Mrs. Shilpa Shingare, Mr. Shailesh Shinde, Mrs. Deepa Pokharkar	One-day Workshop on 'Awareness about NEP 2020 Structure Implementation for Teachers & Administrative Staff 2024'	2nd July 2024
336	Dr. A. M. Mlage	One-day Workshop on "Awareness about NEP 2020 Structure Implementation for Teachers & Administrative Staff 2024"	2nd July 2024
337	Dr. N. B. Totla	One-day Workshop on "Awareness about NEP 2020 Structure Implementation for Teachers & Administrative Staff 2024"	2nd July 2024
338	Dr. P. R. Hatte	One-day Workshop on "Awareness about NEP 2020 Structure Implementation for Teachers & Administrative Staff 2024"	2nd July 2024
339	Dr. S. D. Barewar	One-day Workshop on "Awareness about NEP 2020 Structure Implementation for Teachers & Administrative Staff 2024"	2nd July 2024
340	Dr. S. B. Patil	One-day Workshop on "Awareness about NEP 2020 Structure Implementation for Teachers & Administrative Staff 2024"	2nd July 2024
341	Dr. S. P. Langade	One-day Workshop on "Awareness about NEP 2020 Structure Implementation for Teachers & Administrative Staff 2024"	2nd July 2024
342	Dr. G. V. Shete	One-day Workshop on "Awareness about NEP 2020 Structure Implementation for Teachers & Administrative Staff 2024"	2nd July 2024
343	Mr. S. G. Mushan	One-day Workshop on "Awareness about NEP 2020 Structure Implementation for Teachers & Administrative Staff 2024"	2nd July 2024
344	Dr. S. Bhowmik	One-day Workshop on "Awareness about NEP 2020 Structure Implementation for Teachers & Administrative Staff 2024"	2nd July 2024

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345	Mr. V. V. Bhosale	One-day Workshop on "Awareness about NEP 2020 Structure Implementation for Teachers & Administrative Staff 2024"	2nd July 2024
346	Mrs. S. P. Kharat	One-day Workshop on "Awareness about NEP 2020 Structure Implementation for Teachers & Administrative Staff 2024"	2nd July 2024
347	Mrs. M. R. Pokharna	One-day Workshop on "Awareness about NEP 2020 Structure Implementation for Teachers & Administrative Staff 2024"	2nd July 2024
348	Dr. P. C. Jikar	6-day AICTE Training & Learning (ATAL) Academy Eduskills FDP on "Google AI-ML"	24th - 29th June 2024
349	Dr. A. R. Nagargoje	6-day AICTE Training & Learning (ATAL) Academy Eduskills FDP on "Google AI-ML"	24th - 29th June 2024
350	Dr. Sunita Barve	IEEE Seminar	3rd July 2024
351	Dr. Prafull Hatte	IEEE Seminar	3rd July 2024
352	Ms. Vandana Khandelwal	IEEE Seminar	3rd July 2024
353	Mr. Mahesh Marab	IEEE Seminar	3rd July 2024

Professional development /administrative training programs

8. Professional development /administrative training programs organized by the institution.

Name of Faculty	Details	Number of Faculty Participants
Shubhangi Kale	2 Days Internal Auditor Training of ISO 21001:2018	27
Dr. Sushma Kulkarni	FYBTech Faculty Conclave	29
Dr. Suyogkumar Taralkar	Orientation Program - Studium software	16
Mr.	Faculty Conclave Program for School of Mechanical Engineering	35
Dr Abhijeet Patil	Two Week online FDP on 'Effective Techniques for Online/ Blended Teaching-Learning & E-content Development'	33
Dr. Suyogkumar Taralkar	A Session on EOMS Training	29
Mr. Ashwin S. Chandore	Faculty Conclave Program for School of Mechanical Engineering	35
Dr. Jithina Jose	Awareness session on Research proposal and Seed money proposal writing	20
Mrs. Anita Shingade	Use of Artificial Intelligence in Higher Education (Online)	200+
Dr.Diptee Ghusse	Five days Online FDP on NEw Era inAI	65
Mrs. Priyanka Mane	Engaging Gen Z: Strategies for Captivating Minds in the Digital Age.	110
Vaishali A. Katkar	EV 2-Wheeler set up and Technology	20
Dr Mahesh Joshi	One-Day Webinar on “Patent Drafting and Filing Procedure”	22 Faculty & 05 students
Mrs. Trupti Bhalerao	Digital Twin Revolution: Bridging the Physical and Virtual Worlds	70
Dr. Mahesh P. Joshi	IPR DRIVE 2025	13 Faculty & 21 students
Dr. Suyog kumar Taralkar	A Session on Soft ware related to NAAC NBA NIRF	17
Dr. Usha Verma	Faculty Conclave 2024	19 presenters, 46 attendees
Dr. Smita S. Kulkarni	Application of Artificial Intelligence in Curriculum	30
Shubhangi Kale	A Session on CO-PO Attainments	48
Shubhangi Kale	A Session on Course Design Record	92
Shubhangi Kale	A Session on Quality Records	48
Ms Alhat Bhagyashree Ravindra	Happy Life Workshop	26

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Ms Prajakta Dashrath	Providing Software Consultancy services in industry by academician	21
Dr. Suyogkumar Taralkar	Expert lecture on IKS and NEP	49
Dr. Suyogkumar Taralkar	Auditor Training of NBA NAAC	25
Dr. USHA VERMA	"Effective Question Paper and Assessment Design aligned with COs, POs & NEP 2020"	47
Dr. Suyogkumar Taralkar	OBE (Outcome Based Education) Workshop - Studium software	176
Dr. Usha Verma	2 Days NITTTR Workshop on "Designing High-Order Formative and Summative Assessments: Aligning with Contemporary Assessment Reforms"	40
Dr. Aniket Gundecha	Workshop on Outcome Based Education	50
	3-day Workshop on Effective Question Paper and Assessment Design Aligned with COs, POs, and NEP 2020 Guideline	
Dr. Suyogkumar Taralkar	Awareness of CO-PO Assessment and attainment process	166
	2-day workshop on Designing High-Order Formative and Summative Assessments: Aligning with Contemporary Assessment Reforms	
Dr. Prachi Rajarapolu	Faculty Conclave Program for School of E&TC Engineering	50
Dr. Usha Verma	Faculty Orientation Program	18
	Gyan Utsav-2025 -Developing Empathy and Contributing meaningfully through community Outreach	
	One-Day Webinar on "Patent Drafting and Filing Procedure"	
Dr. Usha Verma	Faculty Orientation Program	14
	Two-week Online FDP on 'Effective Techniques for Online/Blended Teaching-Learning & E-content Development	
	Faculty Development Program (FDP)	
	Seminar on Menstrual Hygiene and Personality Development	
	Faculty Conclave Program for School of E&TC Engineering	
	"GATE Awareness Session	
	To enhance the competency of newly recruited faculty members for pedagogy, assessment, course design, OBE and other Teaching-Learning process and create awareness about LMS, ERP, Accreditation, EOMS, R&D and other process at MITAOE.	
	International Faculty Development Program (IFDP) AI And Gen AI with	

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	Industry Application Day 5Faculty Orientation Program	
	Induction Session of Girlsript	
	Japan Calling – Career Opportunities in Japanese Language	
	Awareness to UMA, Lima, Peru Faculty about Artificial Intelligence Tool in Curriculum	
	Application of Artificial Intelligence in Curriculum	

Patent Details

9. Patent Details

Name of School / Division / Faculty	Number of ongoing research projects	Number of research papers published	Number of patents/copyrights (filed / granted / published)
Humanities and Engineering Science	NIL	4	0
Electronics & Telecommunication Engineering	1	30	4
Civil Engineering	1	14	4
Mechanical Engineering	NIL	31	9
Chemical Engineering	2	4	6
Computer Engineering	NIL	57	5
Design	NIL	1	69
Total	4	141	97

Reference

Books/Monographs

Published by Teacher

10. Reference Books/Monographs Published by Teacher

Sr. No.	Name of the Teacher(s)/Author	Title of the Reference Books/Monographs	Name and Place of Publisher(s)	Date of Publication	Isbn/Issn No.
1	Mulajkar ashish ashok	Trends in cryptography and security	Siph	2025	9789366744544 /
2	Mulajkar ashish ashok	Quantum mechanics: the theoretical minimum	Vaagai publishing	2025	978-81-989121-4-5 /
3	Powar sudesh bajirao	Computational fluid mechanics and heat transfer	Infinite research	2024	9788197281990 /
4	Pokharkar sneha abhijeet	Electric vehicle technology	Scientific international publishing house	2025	9789366742311 / -
5	Pokharkar sneha abhijeet	Vedic mathematics for modern minds	Indieepress	2025	9789360457833 / 9360457833
6	Magade sushilkumar b	Elements of civil engineering	Phi	2024	9789357573368 / 9789357573368
7	Waghmare vrushali rahul	Electric vehicle technology	Scientific international publishing house	2025	978-93-6674-231-1 / 978-93-6674-231-1
8	Kothmire pramod popat	Cfd and experimental analysis for optimal cooling system design in theatres	Springer	2025	978-981-97-6782-3 / 0
9	Sutar parag narayan	Novelty in the development of separation processes	Elsevier	2025	978-0-323-95292-7 / 978-0-323-95292-7
10	Patare swapnil abasaheb	Structural analysis and optimization of trussed roof steel structures for enhanced safety—a comparative study	Springer	2024	978-3-031-72526-5 / 978-3-031-72526-5

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11	Kale navnath dattatraya	Computer vision and its intelligence in industry 4.0	Igi global	2024	979-8-3693-5271-7 / 2327-0411
12	Khandekar shridhar atmaram	Unleashing innovative engagement in programming education	Taylor & francis group	2025	9781003587538 / -
13	Chavan ashitosh dilip	Balancing autonomy, resource management, and internship integration: challenges and strategies in hybrid learning	Springer	2024	978-981-97-3555-6 / NA
14	Rajarapollu prachi rohit	Growwise: machine learning driven crop, soil and fertilizer assis tant	Spriger nature	2024	978-981-96-0389-3 / 2731-4049
15	Nagarajan muniappan -	Assessment of groundwater potential using an integrated approach of gis, fuzzy ahp, and remote sensing: a case study of madurai city in india	Springer cham	2024	978-3-031-53762-2 / 1867-2434
16	Kamble avinash gulabrao	Selection of electric car using multi- attribute decision- making methods	Crc press	2024	9781003495574 / 2563
17	Pawase kalpana sanjay	Mern stack website for government officials	Springer	2024	978-3-031-86304-2 / 1865-0937 (electronic)
18	Pawase kalpana sanjay	Technology-based pedagogical approaches for teaching and learning	Crc press	2025	e book-9781003587538 / 0046-1520
19	Gijare vaibhav vasudevrao	Designing a decentralized iot-wsn architecture using	Crc press (taylor & francis froup)	2024	978-1-032-56771-6 / 0307-1022

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		blockchain technology			
20	Mulajkar ashish ashok	The implementation of artificial intelligence for auto gearbox failure detection	Routledge t&f	2025	9781032759487 / 0
21	Sardare mamta deoraoji	A green and cost-effective solution for cr (vi) removal: adsorption studies using raw moringa leaf powder	Talyler and francis crc press	2025	9781003616252 / 9781003616252
22	Kothmire pramod popat	Cfd analysis of drag reduction system (drs) in cars	Springer	2024	978-981-97-1032-4 / 978-981-97-1032-4
23	Kothmire pramod popat	Experimental and cfd investigation of radiative heat transfer for room cooling	Springer	2025	978-981-97-6782-3 / 0
24	Kothmire pramod popat	Impact of economiser tube geometry on water heating	Springer	2025	978-981-97-6782-3 / 0
25	Kothmire pramod popat	Natural and forced convective heat transfer from finned spheres	Springer	2025	978-981-97-6782-3 / 0
26	Kothmire pramod popat	Experimental study of heat transfer in composite vessels	Springer	2025	978-981-97-6782-3 / 0
27	Kothmire pramod popat	Numerical investigation to study the effective position of air conditioner in an office room	Springer	2024	978-981-97-1032-4 / 978-981-97-1032-4
28	Kothmire pramod popat	Cfd analysis of catalytic convertor to optimise the back pressure and velocity	Springer	2024	978-981-97-1032-4 / 978-981-97-1032-4

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29	Kothmire pramod popat	Cfd analysis of different designs of greenhouse	Springer	2024	978-981-97-1032-4 / 978- 981-97-1032-4
30	Kothmire pramod popat	Experimental investigation on vertical farming structure equipped with electronic controls	Springer	2024	978-981-97-1032-4 / 978- 981-97-1032-4
31	Kothmire pramod popat	Effect of surface roughness on boundary layer thickness	Springer	2024	978-981-97-1032-4 / 978- 981-97-1032-4
32	Kothmire pramod popat	Cfd analysis of exhaust gas flow through muffler	Springer	2024	978-981-97-1032-4 / 978- 981-97-1032-4
33	Kothmire pramod popat	Cfd analysis of diesel engine intake manifold	Springer	2024	978-981-97-1032-4 / 978- 981-97-1032-4
34	Kothmire pramod popat	Numerical investigation on cpu heat sink	Springer	2024	978-981-97-1032-4 / 978- 981-97-1032-4
35	Pokharkar sneha abhijeet	Balancing autonomy, resource management, and internship integration: challenges and strategies in hybrid learning	Springer nature	2025	- / 2367-3389
36	Pokharkar sneha abhijeet	Unleashing innovative engagement in programming education	Crc press	2025	9781003587538 / -
37	Devre pankaj bharat	Machine learning algorithms in fraud detection and risk management	Paradox international	2025	978-93-48701-22-0 / NA
38	Mantri vijaykumar purushottamdas	Computer vision and its intelligence in industry 4.0	Igi global	2024	979-8-3693-5271-7 / 79-8- 3693-5273-1

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39	Verma usha yogesh	Technology-based pedagogical approaches for teaching and learning	Routledge, taylor and francis group.	2024	ISBN 9781032960029 / ISBN 9781032960029
40	Verma usha yogesh	Tickethub: an online ticket booking and pass-issuing platform for local bus transport	Springer, singapore.	2024	978-981-97-7862-1 / 978- 981-97-7862-1
41	Verma usha yogesh	Intelligence surveillance system for bank security against robbery	Springer	2024	978-981-97-1841-2 / 978- 981-97-1841-2
42	Shewale sandeep pandurang	Chapter 4 - large- scale production separation process	Elsevier	2025	978-0-323-95292-7 / 978- 0-323-95292-7
43	Sinhamahapatra krishna --	Re-visiting ambedkarite social philosophy in the present times	Vernon press	2025	979-8881901516 / NA
44	Itolika ashish balkrishna	Hydrological and morphometric study of the girna river basin, maharashtra using remote sensing and gis techniques	Wiley & sonspublisher	2024	9781394166367 / 0
45	Pande sandeep dwarkanath	Exploring the dynamics of pbl- based learning: a study on collaboration, reflection, engagement, critical thinking, and student success	Igi global	2024	9781668494721 / NA
46	Ma aswathy -	Web-based framework for the prediction of type 1 diabetes in youth using ehr's dat	Springer	2024	9819735238 / 9819735238
47	Ma aswathy -	Real-time ai-based face-mask detection	Springer	2024	9819735238 / 9819735238

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48	Patil mayurkumar prakash	Novelty in the development of separation processes	Elsevier	2025	978-0-323-95292-7 / 0
49	Patil mayurkumar prakash	Large-scale production separation process	Elsevier	2025	978-0-323-95292-7 / 0
50	Alhat bhagyashree ravindra	Technology-based pedagogical approaches for teaching and learning	Taylor and francis	2024	9781032960029 / 9781003587538
51	Hatte prafulla ratnakar	Usage of autodesk fusion 360 software for 3d reconstruction of anatomical structure from the 2d x-ray image	Elsevier	2024	978-0-323-95383-2 / 978- 0-323-95383-2
52	Hatte prafulla ratnakar	Empowerment of women through education and training in artificial intelligence	Igi global	2024	9798369314357 / 9798369314357
53	Jose jithina jose	Quantum-enhanced experimentation and learning pathways in intelligent educational systems	Igi global	2025	9798369385937 / 9798369385937
54	Waghmare vrushali .	Realtime battery discharge cycle tracking with iot and can integration	Cambridge scholars publishing	2025	1-0364-4827-4 / ISBN13: 978-1-0364-4827-1
55	Waghmare vrushali rahul	Unleashing innovative engagement in programming education	Crc press,taylor & francis group	2025	9781003587538 / 9781003587538
56	Kothmire pramod popat	Design and optimization of performance of electric kettle	Springer	2025	978-981-97-6782-3 / 0
57	Kothmire pramod popat	Numerical analysis of vertical axis wind turbine	Springer	2024	978-981-97-1032-4 / 978- 981-97-1032-4

Research Publications in National and International Journals/Edited Books/Proceedings

11. Research Publications in National and International Journals/Edited Books/Proceedings

Sr. No.	Name of the teacher's/author	Title of the paper	Name of the journal/proceeding/edited book	Volume & pages	Year of publication	Isbn/issn no.
1	Sutar parag narayan	Experimental study and kinetic modeling of aniline polymerization	Russian journal of physical chemistry b	18 & 11	2024	1990-7923 / 1990-7923
2	Ambadkar gayatri sanjay	Design of domestic and commercial set up for solar pv systems	Panamerican mathematical journal	35 & 8	2024	1064-9735 / 1064-9735
3	Patare swapnil abasaheb	Effects of cementitious ingredients on long term properties of self compacting concrete	Sigma journal of engineering and natural sciences	42 & 1067	2024	Na / na
4	Kale navnath dattatraya	Cetr: centernet-vision transformer model for wheat head detection	Journal of autonomous intelligence	7 & 12	2024	2630-5046 / 2630-5046
5	Hire shalaka kailash	An automated safety checking for staircase hazards on construction sites: a bim approach	Civil eng	6 & 17	2025	27 / 27
6	Hire shalaka kailash	A conceptual framework for bim-based site safety practice	Buildings	272 & 22	2024	https://doi.org/10.3390/buildings14010272 / https://doi.org/10.3390/buildings14010272
7	Nair kavitha s	Soil nutrient prediction for paddy cultivation via soil fertility and ph trained hybrid architecture : recommendations based on nutrient deficiency	Intelligent decision technologies	18 & 685	2024	1872-4981 / 1872-4981

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8	Nair kavitha s	Customised convolutional neural network with transfer learning for multi-nutrient deficiency identification with pattern and deep features in paddy image	Journal of phytopathology	173 & 21	2025	0931-1785 / 1439-0434
9	Admane shraddha vidhyadhar	Photocatalytic degradation of direct black 10 b dye in aqueous phase using nanophotocatalyst	Indian chemical engineer	2 & 20	2024	Na / na
10	Sp rajaveni	Assessment of surface water quality based on landsat 9 operational land imager combined with gis and iot	Journal of the indian society of remote sensing	52 & 13	2024	0 / 1993046
11	Barewar surendra deochand	Analysis and prediction of thermo-physical properties in water-based mwcnt-zno hybrid nanofluids using ann and anfis models	International journal of thermofluids	27 & 101159	2025	- / 2666-2027
12	Barewar surendra deochand	Life cycle cost analysis of an innovative nanofluid assisted photovoltaic thermoelectric air conditioner for energy efficiency enhancement in buildings	Case studies in thermal engineering	73 & 10	2025	- / issn: 2214-157x
13	Doke swapnil sopan	Recent advances of core-shell nanocrystals dispersed liquid crystal nanocomposites for their applications in electronic devices: a mini review	Journal of molecular liquids	416 & 30	2024	Na / 1873-3166

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14	Doke swapnil sopan	Improvement in molecular ordering of ferroelectric liquid crystal by incorporating cugas2/zns core/shell quantum dots	Liquid crystals	50 & 10	2024	Na / 1366-5855
15	Doke swapnil sopan	Exploring the electro-optical properties of nematic liquid crystal through incorporation of zncugas2 core/shell quantum dots	Liquid crystals	51 & 9	2024	Na / 1366-5855
16	Doke swapnil sopan	Optical and electrowetting investigation of pmma-dispersed nematic liquid crystal dielectric	Journal of materials science	59 & 11	2024	Na / 1573-4803
17	Bansode suyoga yadavrao	Alzheimer's disease (ad) classification using mri: a deep ensemble model with modified local pattern feature set	Intelligent decision technologies	18 & 21	2024	1872-4981 / 1872-4981
18	Mushan sagar govind	A review of pulsating heat pipes encompassing their dominant factors, flexible structure, and potential applications	International journal of green energy	21 & 38	2024	- / 1543-5075
19	Jikar prashant chandrakant	Application of multi attribute decision making methods for the selection of throttling valve in refrigeration system	Progress in engineering science	1 & 7	2024	0 / issn 2950-4252

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20	Chhatraband sneha mohanrao	On n-dimensional integral transform for time scales	Palestine journal of mathematics	14 & 23	2025	0000-0000 / 2219-5688
21	Chhatraband sneha mohanrao	On nabla shehu transform on time scales	Journal of fractional calculus and applications	15 & 13	2024	0000-0000 / 2090-5858
22	Chhatraband sneha mohanrao	New general integral transform on time scales	Journal of mathematical modeling	12 & 15	2024	0000-0000 / 2382-9869
23	Chhatraband sneha mohanrao	Double shehu transform for time scales	Journal of classical analysis	25 & 20	2025	0000-0000 / 1848-5987
24	Kamble avinash gulabrao	Application of multi attribute decision making methods for the selection of throttling valve in refrigeration system	Progress in engineering science	1 & 8	2024	5486 / 2546
25	Pawase kalpana sanjay	Related feature subset model for credit card fraud detection using machine learning	Journal of theoretical and applied information technology	102 & 10	2024	Na / 1992-8645
26	Gijare vaibhav vasudevrao	Related feature subset model for credit card fraud detection using machine learning methods	Journal of theoretical & applied information technology	102 & 11	2024	1992-8645 / issn:1992-8645
27	Gijare vaibhav vasudevrao	Feature extraction and fusion of ecg signals using mfcc and dwt for cardiovascular diagnosis	Frontiers in health informatics journal	13 & 10	2024	Issn-online: 2676-7104 / issn-online: 2676-7104
28	Mulajkar ashish ashok	Unmanned aerial vehicle resilience: a new approach to fault	Journal of autonomous intelligence	7 & 1637	2024	Na / 2630-5046

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		diagnostics framework				
29	Joshi abhilasha -	Dense deep transformer for medical image segmentation: ddtramis	Multimedia tools and applications	83 & 17	2024	Na / 1573-7721
30	Kolhe amol madhukar	Mechanical characterization of banana fibers/pla biocomposite samples produced by fused deposition modeling based 3d printing using taguchi method	Ssrg international journal of mechanical engineering (ijme)	11 & 10	2024	Na / 2348-8360
31	Kolhe amol madhukar	Mechanical characterization of 3d-printed banana fibers reinforced pla biocomposite	Ssrg international journal of mechanical engineering (ijme)	11 & 10	2024	Na / 2348-8360
32	Patil abhijeet dilip	Intensification of biogas production from rice straw using anaerobic digestion based on pre-treatment with ultrasound	The canadian journal of chemical engineering	12 & 12	2024	23333 / 111
33	Kinikar mayura uday	Automatic query generation based on adaptive naked mole rate algorithm	Multimedia tools and applications	83 & 32	2024	Na / 1573-7721
34	Totala Nilesh B	Advancing decarbonization: integrating circular economy and renewable energy in automotive manufacturing for a sustainable future	Journal of information systems engineering and management	9 & 13	2024	- ----/ 2468-4376

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35	Totala Nilesh B	Design and analysis of e-bicycle	Journal of information systems engineering and management	9 & 15	2024	- ----/ 2468-4376
36	Totala Nilesh B	Comparative analysis of aluminum alloy grades: properties, applications, and performance	International journal of innovative technology and exploring engineering (ijitee)	9 & 15	2024	- ----/ 2468-4376
37	Kulkarni Smita Sunil	Biodiesel synthesis from composite oil utilizing banana peel (Musa paradisiaca) derived catalyst and process parameter optimization using particle swarm method	Journal of the Indian Chemical Society	102 & 14	2025	0019-4522 / 2667-2847
38	Kulkarni Smita Sunil	Deep learning-based group activity recognition using multiperson relational graph	Int J Intell Syst Appl Eng	12 & 12	2024	2147-6799 / 2147-6799
39	Asalekar Amol Jagannath	"Comparative analysis of thermal conductivity of the hybrid nanoparticles based sunflower and Jatropha vegetable oil"	Journal of Polymer and Composites	11 & 164171	2024	- / 2321-2810
40	Asalekar Amol Jagannath	Enhancing high-speed CNC milling performance of Ti6Al4V alloy through the application of ZnO-Ag hybrid nanofluids	Engineering Research Express	6 & 25532	2024	- / 2631-8695
41	Kothmire Pramod Papat	Interplay of residence time distribution and electric chaining tendency due to distributor design	Industrial & Engineering Chemistry Research	63 & 25	2024	0 / 0888-5885

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		determine electrocoalescer performance				
42	Lokhande pranali p,kotadi chinnaiah	Heart disease detection and prognosis using iot-based ecg sensor data with hybrid deep learning architecture and optimal resource allocation	Cybernetics and systems	56 & 51	2025	0196-9722 / 0196-9722
43	Lokhande pranali prakash	Combined signal, medical, and transform feature set based heart disease classification model using electrocardiogram signal via idcnn-lstm architecture: an iot scenario	International journal of image and graphics	- & 40	2025	- / 0219-4678
44	Kale laxmi atulkumar	Real-time weather forecasting system using open weathermap api and django mvc architecture	International journal of environmental sciences	Vol 11 no. 3,2025 & 7	2025	1 / 2229-7359
45	Kale laxmi atulkumar	Innovative pedagogical approaches for teaching cloud-native devops: integrating theory and practice	Nanotechnology perceptions	20 & 768	2024	Na / 1660-6795
46	Charde maya madhukar	Predictive modelling of surface roughness in grinding operations using machine learning techniques	Manufacturing technology engineering science and research journal	25 & 11	2025	Na / issn 1213-2489 (print) issn 2787-9402 (online)

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47	Jakhar alka ,ghosh suprovat ,das samaresh ,basu anjanan	Realizing self-powered room temperature terahertz detection via pnictogen chalcogenidesar senic telluride	IEEE sensors	24 & 38962	2024	1234 / 123
48	Shingade anita ,kolambe sapna ,deoghare radha	Real-time weather forecasting system using openweathermap api and django mvc architecture	International journal of environmental sciences	11 & 10	2025	1 / 2229-7359
49	Shingade anita dipak	Depression therapy chatbot using natural language processing	International journal of intelligent systems and applications in engineering	12 & 181	2024	0 / 2147-6799
50	Giri manish bhimrao	Comparative analysis of linear and lagrange's interpolation for the implementation of drip irrigation technique	Degres journal	9 & 8	2024	Na / 0376-8163
51	Giri manish bhimrao	Effectiveness of piecewise interpolation and lagrange's interpolation in the implementation of drip irrigation system	Frontiers in health informatics	13 & 10	2024	0 / 2676-7104
52	Nimbhore padma poonamchand	Classification of cotton crop disease using hybrid model and mdfc feature extraction method	Journal of phytopathology	172 & 19	2024	0931-1785 / 1439-0434
53	Nimbhore padma poonamchand	Classification of cotton crop disease using hybrid model and mdfc feature	Journal of phytopathology	172 & 19	2024	0931-1785 / 1439-0434

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		extraction method				
54	Nimbhore padma poonamchand	A survey of cotton crop disease detection and classification using orc-net segmentation and deep learning methods	lej	53 & 8	2024	0970-2555 / 0970-2555
55	Powar sudesh bajirao	Comparative transient air-flow analysis for integral coach factory (icf) and linke hofmann busch (lhb) railway coaches	Journal of railway transportation and technology	3 & 10	2024	2830-6880 / 2830-6880
56	Biswas namrata -	Performance evaluation of frequency-modulated Nr-dcsk using compound chaotic sequence under alpha-mu fading channel	Pramana - j phys	98 & 10	2024	0973-7111 / 0304-4289
57	Biswas namrata -	Ber analysis of chaos-based digital communication schemes under multipath fading channel	Ssrg international journal of electrical and electronics engineering	11 & 10	2024	2348-8379 / 2348-8379
58	Pokharkar sneha abhijeet	An mppt integrated dc-dc boost converter for solar energy harvester using lpwho approach	Sustainable computing: informatics and systems	45 & 22	2025	2210-5379 / 2210-5379
59	Pokharkar sneha abhijeet	The significance of technology-enhanced learning towards enhancing engineering education	Journal of engineering education transformations	37 & 10	2024	Na / 2349-2473

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60	Pawar krunal bajirao	Deep-feed: an internet of things-enabled smart feeding system for pets powered by deep learning	laes international journal of robotics and automation (ijra)	14 & 9	2025	2722-2586 / 2722-2586
61	Borate komal nikhil	Proficient examination of railway track liability uncovering using dissimilar machine learning procedures	Journal for basic science	24 & 4	2024	Jbs/4715 / 1006-8341
62	Borate komal nikhil	Proficient examination of railway track liability uncovering using dissimilar machine learning procedures	Journal for basic science	24 & 4	2024	Jbs/4715 / 1006-8341
63	Nagaargoje aniket ramnath	Corrigendum to "development of a critical edge-based adaptive toolpath strategy to improve geometrical accuracy of incrementally formed titanium implants" [j. Manuf. Process. Volume 110, pages 114–125, 5104]	Journal of manufacturing processes	124 & 1053	2024	- / -
64	Dashrath prajakta dattatraya	Comparative analysis of linear and lagrange's interpolation for the implementation of drip irrigation technique	Degres journal	Volume 9 issue 3 2024 & 8	2024	0 / 0376-8163

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65	Dashrath prajakta dattatraya	Effectiveness of piecewise interpolation and lagrange's interpolation in the implementation of drip irrigation system	Frontiers in health informatics	2024, vol 13: issue 3 & 10	2024	2676-7104 / 2676-7104
66	Magade sushilkumar budhanand	A comprehensive study of chemical treatment effects on recycled concrete aggregates	Journal of building pathology and rehabilitation	11 & 12	2025	0000000 / 2365-3159
67	Mantri vijaykumar purushottamdas	A comprehensive analysis of algorithms in multiple-face recognition	Nanotechnology perceptions	20 & 16	2024	1660-6795 / 1660-6795
68	Mantri vijaykumar purushottamdas	Real time multiple face recognition using intra-layer, inter-layer and hybrid parallelism	Journal of information systems engineering and management	10 & 15	2025	2468-4376 / 2468-4376
69	Dhoke shailesh kewaldas	Determination of total hardness of water using double burette method: an economical approach	Chemistry teachers international	7 & 8	2024	0 / 2569-3263
70	Mane jaya shashikant	Synergistic approaches in multimodal biometric authentication with machine learning and deep learning paradigms	Intelligent systems and applications in engineering	12 & 10	2024	2147-6799 / 2147-6799
71	Barve sunita shivprakash	Optiasar: optimized aspect-based sentiment analysis of reviews with	IEEE access	13 & 16	2025	0 / 0

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		bilstm-gru and ner- Bert in healthcare decision- making				
72	Patil bhimagoud rajendra	An ann approach to predicting then impact parameters of gfrp composites under low velocity impact	International journal on interactive design and manufacturing	18 & 12	2024	19552505 / 19552505
73	Jain shitalkumar arvind	A novel stacking-based hybrid ensemble learning model for pneumonia detection	African journal of biological sciences	6 & 10	2024	7995-8005 / 2663-2187
74	Bhadre parvati prashant	Time-series data driven conversational chat analytics	International journal of engineering technology research & management	08 & 5	2024	2456-9348 / 2456-9348
75	Patil rahul ashok	Recent advancements in solar collector-evaporator for direct expansion solar heat pump	International journal of thermofluids	23 & 32	2024	2666-2027 / 2666-2027
76	Karaddi sahebgoud hanamantray	Sdpemdl: enhanced sugarcane disease detection and prediction via an ensemble multimodal deep learning approach using advanced deep learning models	Cuestiones de fisioterapia	54 & 21992218	2025	2695-7639 / 2695-7639
77	Karaddi sahebgoud hanamantray	Automated metal surface flaws detection using convolutional neural network and deep visualization analysis	Arabian journal for science and engineering	Na & 12	2024	Na / 2191-4281

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78	Pakhale vinod dinkar	Removal of carcinogenic chromium(vi) from effluent of electroplating industry using adsorptive separation	Environmental quality management	1 & 13	2024	10881913 / 10881913
79	Sinhamahapatra krishna --	A study of the interplay between psychology and food through literature	Sanshodhak	37 & 3	2024	Na / 23945990
80	Sinhamahapatra krishna --	Breaking barriers and building bridges: a study of baby kamble's the prisons we broke	The grove	31 & 9	2024	Na / 1137-005x
81	Sinhamahapatra krishna --	Teaching literature and poetry in the ever-evolving age of technology	Sanshodhak	32 & 5	2024	Na / 23945990
82	Bhowmik subrata -	Estimation of efficiency, emission and exergy of a compression ignition engine under biohol-hydrogen strategies using artificial neural network	International journal of hydrogen energy	58 & 13	2024	0 / 1879-3487
83	Bhowmik subrata -	Investigation of performance, combustion and exhaust emission characteristics of a compression ignition engine fuelled with diesel-kerosene-ethanol-hydrogen strategies	International journal of hydrogen energy	49 & 16	2024	0 / 1879-3487

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84	Bhowmik subrata -	Investigation of performance, combustion and exhaust emission characteristics of a ci engine using waste cooking biodiesel-hydrogen strategies: a trade-off analysis	International journal of hydrogen energy	146 & 10	2025	- / 0360-3199
85	Malge abhijeet manikrao	Analysis of exhaust emission and engine performance for a variable compression ratio engine operating on ethanol-gasoline fuel fractions	Industrial engineering journal	53 & 12	2024	0970-2555 / 0970-2555
86	Malge abhijeet manikrao	Structural analysis of wind booster for multistorey vertical axis wind turbine	International journal of ambient energy	45 & 15	2024	2162-8246 / 2162-8246
87	Malge abhijeet manikrao	Thermal cycle behaviour of plasma sprayed thermal barrier coatings on cast iron substrate for the application of liner of internal combustion engine	Results in surfaces and interfaces	17 & 15	2024	2666-8459 / 2666-8459
88	Itolika ashish balkrishna	Frequency and temperature-dependent dielectric behaviour of fresh aloe vera at 1 to 20 ghz microwave frequency using time domain reflectometry	Plant science today	11 & 5	2024	0 / 2348-1900

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89	Yadao adik ,mishra kundan	A hybridization of csa dea approach for detection of multiple transverse crack rotor shaft rotating in fluid environment under axial and bending loading	Mechanics of solids	59 & 2100	2024	- / -
90	Taralkar suyogkumar vijay	Production of gluconic acid from whey and black jaggery by aspergillus niger	Journal of harbin engineering university	45 & 334	2024	- / 1006-7043
91	Kale shubhangi prabhakar	Shubhangi kale drelnet: abnormal human activity classification in theft surveillance video using reinforcement learning based fusion	Signal, image and video processing	19 & 20	2025	https://doi.org/10.1007/s11760-024-03677-1 / https://doi.org/10.1007/s11760-024-03677-1
92	Galagali anagha anirudh	A survey on enterprise resource planning and building information modeling integration: a construction 4.0 perspective	Buildings	14 & 16	2024	2 0 7 5 -5309 / 2 0 7 5 -5309
93	Pande sandeep dwarkanath	Comparative analysis of the dcnn and hfcnn based computerized detection of liver cancer	Bmc medical imaging	25 & 14	2025	- / 1471-2342
94	Pande sandeep dwarkanath	Social distancing and face mask detection using googlenet	Grenze international journal of engineering and technology	10 & 35553564	2024	- / 2395-5295

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95	Pande sandeep dwarkanath	Integration of software-based cognitive approaches and brain-like computer machinery for efficient cognitive computing	Neuroscience informatics	2 & 10	2025	Na / 2772-5286
96	Pande sandeep dwarkanath	D-impact of the various strategies on the author's impact score	Journal of engineering education transformations	38 & 13	2024	Na / 2394 - 1707
97	Pande sandeep dwarkanath	Real-time imbalance liver tumor sensor databases: a deep classification framework with ensemble feature extraction, ranking, and probabilistic segmentation for efficient analysis	International journal of intelligent systems and applications in engineering	12 & 11	2024	Na / 2147-6799
98	Pande sandeep dwarkanath	Acute lymphoblastic leukemia detection and classification using an ensemble of classifiers and pre-trained convolutional neural networks	International journal of intelligent systems and applications in engineering	12 & 10	2024	Na / 2147-6799
99	Pande sandeep dwarkanath	An automatic multi-variate multi-class feature extraction, ranking based joint probabilistic segmentation and classification framework for multi-class liver tumor detection	International journal of intelligent systems and applications in engineering	12 & 12	2024	Na / 2147-6799

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100	Pande sandeep dwarkanath	Csadf: ingesting cuckoo search optimization algorithm enabled with fitness function for effective model transformation pertaining to adf	Multimedia tools and applications	2024 & 12	2024	Na / 1380-7501
101	Pande sandeep dwarkanath	Design analysis of stroke risk prediction model employing the hybrid structure implementation of deep transfer learning system	Journal of the institution of engineers (india): series b	2024 & 12	2024	Na / 2250-2106
102	Pande sandeep dwarkanath	Assessment of brain tumor detection techniques and recommendation of neural network	Biomedical engineering / biomedizinische technik	69 & 12	2024	Na / 1862-278x
103	Hajare neha pradeep	lot based smart agri system: deep classifiers for black gram disease classification with modified feature set	International journal of system assurance engineering and management	15 & 33683384	2024	0219-4678 / -
104	Mane priyanka ganesh	Innovative pedagogical approaches for teaching cloud-native devops: integrating theory and practice	Nanotechnology perceptions - raising awareness of nanotechnology	Vol. 20 & 9	2024	1660-6795 / 1660-6795
105	More amar hemant	Recommendation system for e-commerce using collaborative filtering	Journal européen des systèmes automatisés	54 & 11451153	2024	12696935 / 12696935
106	More amar hemant	Recommendation system for e-commerce using	Journal européen des systèmes automatisés	57 & 9	2024	https://doi.org/10.18280/jesa.570421/

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		collaborative filtering				https://doi.org/10.18280/jesa.570421
107	Ghusse diptee someshwar	Design of an integrated model using deep reinforcement learning and variational autoencoders for enhanced quantum security	Methodsx	3 & 9	2025	Na / 22150161
108	Ghusse diptee someshwar	Quantumnet: an enhanced diabetic retinopathy detection model using classical deep learning-quantum transfer learning	Methosx	Na & 8	2025	Na / na
109	Ghusse diptee someshwar	Design of face recognition based effective automated smart attendance system	Indonesian journal of electrical engineering and computer science	39 & 8	2025	Na / 2502-4760
110	Gajbhiv satish gulab	Subclasses of starlike and convex functions involving pascal distribution series	Nanotechnology perceptions	20 & 10	2024	- / 1660-6795
111	Gajbhiv satish g	Analysis of sinusoidal loads on a simply supported beam using hyperbolic shear deformation theory	Nanotechnology perceptions	20 & 10	2024	- / 1660-6795
112	Kalos pritam	Assessment of the performance of the electrical discharge face grinding process with powder mixed dielectric	Sadhana - academy proceedings in engineering sciences, (scie)	49 & 14	2024	Na / 0973-7677

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113	Kalos pritam suryaprakash	Thermal analysis of fuel cells in renewable energy systems using generative adversarial networks (gans) and reinforcement learning https://doi.org/10.1016/j.tsep.2024.102816	Thermal science and engineering progress (scie)	Volume 54 & 102816	2024	https://doi.org/10.1016/j.tsep.2024.102816 / 2451-9049
114	Kalos pritam suryaprakash	Synthesis of biodiesel from the composite oil and process parameters optimization using artificial neural network	Journal of process mechanical engineering (sci)	https://doi.org/10.1177/09544089241239508 & 14	2024	Na / 0954-4089
115	Kalos pritam suryaprakash	Biodiesel synthesis from composite oil utilizing banana peel (musa paradisiaca) derived catalyst and process parameter optimization using particle swarm method. https://doi.org/10.1016/j.jics.2025.101664	Journal of the indian chemical society (scie)	102 & 101664	2025	https://doi.org/10.1016/j.jics.2025.101664 / 2667-2847
116	Kalos pritam s	Analysis and prediction of thermo-physical properties in water-based mwcnt-zno hybrid nanofluids using ann and anfis models https://doi.org/10.1016/j.ijft.2025.101159	International journal of thermofluids (scopus)	Volume 27 & 101159	2025	Na / 2666-2027

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117	Ajithkumar aswathy	An efficient convolutional neural network-extreme gradient boosting hybrid deep learning model for disease detection applications	International journal of electrical and computer engineering (ijece)	14 & 7	2024	2088-8708 / 2722 2578
118	Ma aswathy -	Sleep stage classification using variational mode decomposition and wrapper-based feature selection from the single channel eeg	IEEE access	13 & 14	2025	2169-3536 / 2169-3536
119	Bidwai saylee sandeep	Area-optimized, credit- based, flow control buffered noc router	Intelligent systems and applications in engineering	14 & 328	2024	0 / issn:2147-6799
120	Yadav vipin prakash	Sleep stage classification using variational mode decomposition and wrapper-based feature selection from the single channel eeg	IEEE access	13 & 15	2025	2169-3536 / 2169-3536
121	Yadav vipin prakash	Automatic classification framework for neonatal seizure using wavelet scattering transform and nearest component analysis	Irbbm	45 & 100842	2024	1959-0318 / 1959-0318
122	Bhosale vishal ashok	Unlocking supplier development: a comprehensive analysis of interrelationships and strategies for	International journal of services technology and management	29 & 28	2024	1460-6720 / 1460-6720

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		enhanced performance				
123	Bhosale vishal ashok	Supplier development benefits: a need of effective and efficient supply chain	International journal of services technology and management	30 & 27	2025	1460-6720 / 1460-6720
124	Bhosale vishal ashok	Performance outcomes of supplier development: a hybrid approach	International journal of procurement management	23 & 28	2025	1753-8432 / 1753-8432
125	Bhosale vishal ashok	Supplier evaluation and supplier selection in automobile sector in india: a critical analysis	International journal of procurement management	23 & 26	2025	1753-8432 / 1753-8432
126	Patil shreekant -	An ann approach to predicting the impact parameters of gfrp composites under low-velocity impact	International journal on interactive design and manufacturing	18 & 12	2024	1955-2505 / 1955-2505
127	Chincholkar satyajit hemant	Normalized error-based pi controller and its application to the dc-dc buck converter	Mathematics	12 & 1	2024	Na / na
128	Hatte prafulla ratnakar	Thermal analysis of cascade refrigeration system employing the refrigerant pair r23-r404a	Journal of physics	1 & 14	2024	012068 / 012068
129	Hatte prafulla ratnakar	Analysis of exhaust emission and engine performance for a variable compression ratio engine operating on	Industrial engineering journal	53 & 12	2024	0970-2555 / 0970-2555

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		ethanol-gasoline fuel fractions				
130	Mishra deepak -	A novel re-entry trajectory design strategy enforcing inequality and terminal constraints in height-velocity plane	Advances in space research	73 & 16	2024	Na / 0273-1177
131	Mishra deepak -	Neural network-based hardware-in-the-loop implementation of fourier series parametrized control profiles for re-entry vehicles	Advances in space research	73 & 17	2024	Na / 0273-1177
132	Jose jithina	Sensor infused quantum cnn for diabetes disease prediction and diet recommendation	International journal of computational intelligence systems	18 & 24	2025	18756883 / 18756883
133	Jose jithina jose	Enhancing waste classification accuracy with channel and spatial attention-based multiblock convolutional network	Environmental monitoring and assessment	197 & 24	2025	0167-6369 / 0167-6369
134	Ganjewar pramod dattatraya	Parking allocation system - using yolo, easyocr, and video analytics for real- time slot detection and number plate detection for vehicle security	African journal of biomedical research,	27 & 9	2024	- / -
135	Ganjewar pramod dattatraya	Voice dubber – voice, text, caption	African journal of biomedical research,	27 & 12	2024	5701-5712. / 5701-5712.

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		translation solution				
136	Ganjewar pramod dattatraya	Bioanalytical imaging in covid-19: ai-driven Segmentation of chest ct anomalies for clinical assessment	Journal of applied bioanalysis	11 & 8	2025	2405-710x / 2405-710x
137	Waghmare vrushali .	The significance of technology-enhanced learning towards enhancing engineering education	Journal of engineering education transformations	32 & 6	2024	2394-1707 / 2394-1707
138	Waghmare vrushali rahul	An mppt integrated dc-dc boost converter for solar energy harvester using lpwho approach	Sustainable computing: informatics and systems	45 & 10	2025	2210-5379 / 2210-5387
139	Waghmare vrushali rahul	The significance of technology-enhanced learning towards enhancing engineering education	Journal of engineering education transformations	37 & 6	2024	2394 - 1707 / 2394 - 1707
140	Shastri renu kiran	Advancements in the fabrication of metal matrix composites: a detailed review of manufacturing and characterization techniques	International journal on interactive design and manufacturing (ijidem)	19 & 20	2025	- / 1955-2513
141	Shastri dr. Renu	Optimizing the electrical discharge machining process parameters of the nimonic c263 superalloy: a	J. Manuf. Mater. Process	8 & 126	2024	-- / --

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		sustainable approach				
142	Kanade khushal suresh	Enhancing sustainability in building design: optimizing energy efficiency and reducing carbon footprint using bim tools and polymer matrix composites	Journal of polymer & composites	13 & 9	2024	Na / 2321-2810
143	Joshi mahesh prakash	Study on the emission characteristics of a biodiesel using nano additives	Malaysian journal of chemistry	27 & 8	2025	Na / 2550-1658
144	Joshi mahesh prakash	Analysis and prediction of thermo-physical properties in water-based mwcnt-zno hybrid nanofluids using ann and anfis models	International journal of thermofluids	27 & 9	2025	26662027 / 2666-2027
145	Gijare apoorva amod	From empathy to cognition: a behaviorally informed pedagogical frameworks for sustainable ux design education	International journal of environmental sciences	Vol. 11 & 13	2025	- / 2229-7359
146	Wabhitkar bhaskar deorao	A comprehensive study of chemical treatment effects on recycled concrete aggregates	Journal of building pathology and rehabilitation	Na & 12	2025	Na / na
147	Goudar rajeshwari mahesh	Predicting heart beats: intersction of machine learning and cardiac health using	Intellect systems,advanced computing & communication ,ieee	6	2025	979-8-3315-2390-9 / electronic isbn:979-8-3315-2389-3

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		ensemble learning				
148	Goudar rajeshwari mahesh	Diabetes prediction using hybrid model	2024 iee 9th international conference for convergence in technology (i2ct)	10	2024	Isbn:979-8-3503-9445-0 / --
149	Kurandale bhakti ,rekalwar samiksha ,pakale shreeya ,sutar parag	Study of hydrodynamics and residence time distribution in a trickle bed reactor	Journal of physics: conference series	6	2024	1742-6588 / 1742-6596
150	Adhao rahul baliram	A trust computation model for collaborative cloud environment	Procedia computer science	10	2025	1877-0509 /
151	Sakhare dipti yashodhan	Unleashing innovative engagement in programming education	Pedagogical revelations and emerging trends	288	2025	9781032960029 / 9781032960029
152	Sakhare dipti yashodhan	Balancing autonomy, resource management, and internship integration: challenges and strategies in hybrid learning	Ninth international congress on information and communication technology	287	2024	https://doi.org/10.1007/978-981-97-3556-3_23 / https://doi.org/10.1007/978-981-97-3556-3_23
153	Pingale vijay kisan	Structural analysis and optimization of trussed roof steel structures for enhanced safety—a comparative study	International conference on advanced materials manufacturing and structures	10	2024	978-3-031-72527-2 / -
154	Chavan ashitosh dilip	Extended disturbance observer combined with nonlinear sliding surface for robust control of	International conference in advances in power, signal, and information technology (apsit), bhubaneswar, india, 2025	7	2025	979-8-3315-2990-1 / 979-8-3315-2989-5

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		mismatched system				
155	Nair kavitha s	Identification of nutrient deficiency based on leaf image data using machine learning	2024 international conference on emerging smart computing and informatics (esci)	5	2024	979-8-3503-0661 / 979-8-3503-0661
156	Yadav vipin prakash	Real-time ai-based face- mask detection	Real-time ai-based face-mask detection	13	2024	978-981-97-3523-5 /
157	Yadav vipin prakash	Web-based framework for the prediction of type 1 diabetes in youth using ehr's data	International conference on advances in distributed computing and machine learning	10	2024	978-981-97-3523-5 / 978-981-97-3523-5
158	Yadav vipin prakash	Design of deep learning- based approach to predict lung cancer on ct scan images	2024 5th international conference on innovative trends in information technology (icitit)	5	2024	00 / 0
159	Warpe santosh trimbak	Enhancing performance and scalability of a flutter-based food ordering application through microservices on aws	Proceedings of international conference on recent innovations in computing	11	2024	978-981-97-3441-2 /
160	Hatte prafulla ratnakar	Thermal analysis of cascade refrigeration system employing the refrigerant pair r23-r404a	6th international conference on advancements in materials and manufacturing 2024	8	2024	2837 012068 /
161	Mishra deepak -	Re-entry trajectory optimization using orthogonal collocation-based parametrization and sequential	Proceedings of the international conference on systems, control and automation	5	2025	978-981-9773-83-1 / na

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		quadratic programming method				
162	Ganjewar pramod dattatraya	Development of iot based smart street lighting system.	In 2024 international conference on innovation and novelty in engineering and technology (innova)	5	2024	10.1109/innova63080.2 024.10847046 / 10.1109/innova63080.2 024.10847046
163	Ganjewar pramod dattatraya	"smart crowdfunding-implementing price-triggered transactions for enhanced decentralized fundraising on ethereum.	2024 ieee international conference on contemporary computing and communications (inc4). Vol. 1.	6	2024	979-8-3503-8366-9 / na
164	Ganjewar pramod dattatraya	"ridex-intelligent ride recommender."	2024 5th international conference on innovative trends in information technology (icitiit). Ieee, 2024.	6	2024	979-8-3503-8682-0 / 979-8-3503-8681-3
165	Ganjewar pramod dattatraya	"estimation of market price through lstm model."	2024 ieee international conference on computing, power and communication technologies (ic2pct),	5	2024	- / -
166	Ganjewar pramod dattatraya	Predicting dengue using rule- based approach	14th international conference on advances in computing, control, and telecommunication technologies, act 2023, 2023, 2023-june, pp. 2893–2900	7	2024	- / -
167	Waghmare vrushali rahul	Real time data monitoring in automobiles with iot and can integration	2024 intelligent systems and machine learning conference (isml)	5	2025	979-8-3503-4387-8 / 979-8-3503-4387-8
168	Waghmare vrushali	Real time monitoring of hydroponic system using iot.	2024 international conference on intelligent systems and advanced applications (icisaa)	6	2025	979-8-3315-3993-1 / 979-8-3315-3994-8
169	Shukla shyam narayan	Evaluation of the effect of diffuser vanes on the performance of	Lecture notes in mechanical engineering	12	2024	978-981971032-4 / 21954356

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		multistage pump using numerical simulation				
170	Wabhitkar bhaskar deorao	Study the durability of chemically processed recycled aggregates	International conference on joint innovations in sustainable engineering, project management and new transformations in computing and communication: ic-jspmntc 2024	15	2025	1551-7616 / 1551-7616
171	Wabhitkar bhaskar deorao	Examine the geotextile behavior in flexible pavement using iitpave	International conference on joint innovations in sustainable engineering, project management and new transformations in computing and communication: ic-jspmntc 2024	16	2025	1551-7616 / 1551-7616
172	Wabhitkar bhaskar deorao	Study the durability of chemically processed recycled aggregates	International conference on joint innovations in sustainable engineering, project management and new transformations in computing and communication: ic-jspmntc 2024	12	2025	Na / na
173	Wabhitkar bhaskar deorao	Examine the geotextile behavior in flexible pavement using iitpave	International conference on joint innovations in sustainable engineering, project management and new transformations in computing and communication: ic-jspmntc 2024	12	2025	Na / na
174	Nair kavitha s	Brain tumor detection using deep learning(cnn)	2024 international conference on emerging smart computing and informatics (esci)	6	2024	979-8-3503-0661-3 / 979-8-3503-0661-3

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175	Rajapolu prachi rohit	An embedded system based curtain controlling unit using nrf module	2024 5th international conference on image processing and capsule networks (icipcn)	4	2024	979-8-3503-6717-1 / 979-8-3503-6718-8
176	Doke swapnil sopan	Exploring optical properties of nematic liquid crystals dispersed with perovskite quantum dots	Sciforum by mdpi	1	2024	Na / na
177	Doke swapnil sopan	Improvement in alignment of gold nanorod/ferroelectric liquid crystal composites by reduction in ion impurities	Sciforum by mdpi	1	2024	Na / na
178	Jikar prashant chandrakant	Metallurgical microstructure classification using cnn: a comprehensive study on heat treatment analysis for steel	Materials today: proceedings	9	2024	Issn 2214-7853 / issn 2214-7853
179	Mane archana baburao	Comparative analysis of aluminum alloy grades: properties, applications, and performance	Journal of information systems engineering and management	13	2024	- / e-issn: 2468-4376
180	Mane archana baburao	Advancing decarbonization: integrating circular economy and renewable energy in automotive manufacturing for a sustainable future	Journal of information systems engineering and management	13	2024	- / e-issn: 2468-4376
181	Mane archana baburao	Design and analysis of e-bicycle	Journal of information systems engineering and management	15	2024	- / e-issn: 2468-4376

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182	Kamble avinash gulabrao	Selection of electric car using multi- attribute decision- making methods	Smart electric and hybrid vehicles: fundamentals, strategies and applications	15	2024	9781003495574 / 3526
183	Katkar vaishali abhijeet	Rule-based hybrid energy storage system design and control of an electric vehicle	2nd ieee international conference on iot, communication and automation technology (icicat 2024)	5	2024	979-8-3503-6810-9 / 979-8-3503-6811-6
184	Dharmadhikari pramod anantrao	Resumatcher: an intelligent resume ranking system	2025 3rd international conference on intelligent data communication technologies and internet of things (idciot)	6	2025	10.1109/idciot64235.2025.10915179 / 10.1109/idciot64235.2025.10915179
185	Dharmadhikari pramod anantrao	Medical prescription generator using natural language processing	2025 3rd international conference on intelligent systems, advanced computing and communication (isacc)	6	2025	Doi: 10.1109/isacc65211.2025.10969167 / doi: 10.1109/isacc65211.2025.10969167
186	Vharkate minakshi nanasaheb	Comparative study of pre-trained models for remote sensing image classification	International research journal on advanced engineering hub (irjaeh)	6	2025	- / vol. 3 no. 07 (2025): irjaeh vol.03 Issue 07- [july 202
187	Vharkate minakshi nanasaheb	Plant disease detection using fusion of deep learning algorithms	International conference for convergence of technology (i2ct)	8	2024	- / 10.1109/i2ct61223.2024.10543673
188	Sardare mamta deorao,gharat sandip h	A review on flow and segregation of granular materials during heap formation	"advances in mechanical engineering" 2023	25	2024	1742-6596 / 1742-6596
189	Kulkarni smita sunil	Performance analysis of model optimization techniques using pre-trained cnn models	2024 ieee international conference for women in innovation, technology & entrepreneurship (icwite 2024)	5	2024	979-8-3503-8328-7 / 979-8-3503-8328-7

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190	Kulkarni smita sunil	Automated table detection using r- cnn: a cloud- based approach	2023 ieee pune section international conference (punecon) coep technological university, pune, india. Dec 14-16, 2023	6	2024	979-8-3503-2420-4 / 979-8-3503-2420-4
191	Muthekar vijay v	Examine the geotextile behavior in flexible pavement using iitpave	International conference on joint innovations in sustainable engineering, project management and new transformations in computing and communication: ic- jspmntc 2024	10	2025	https://doi.org/10.1063/5.0269212 / https://doi.org/10.1063/5.0269212
192	Lokhande pranali p,	Text extraction from image using ocr	2025 6th international conference on mobile computing and sustainable informatics (icmcsi)	4	2025	979-8-3315-2266-7 / 979-8-3315-2266-7
193	Shingade anita dipak	Food ingredient detection using deep learning	Proceedings of the international conference on signal processing and computer vision (sipcov 2023)	218	2024	9789464635287 / 23525401
194	Shingade anita dipak	Brain tumor detection using mri images	Proceedings of the international conference on signal processing and computer vision (sipcov 2023)	108	2024	9789464635287 / 23525401
195	Shingade anita dipak	Spotting fake news: simplified lstm detection	2024 opju international technology conference (otcon) on smart computing for innovation and advancement in industry 4.0	18	2024	979-8-3503-7378-3 / 979-8-3503-7379-0
196	Shingade anita dipak	Automated mom generator with attendance monitoring	2023 7th international conference on computing, communication, control and automation (iccubea)	5	2024	0 / 2771-1358
197	Shingade anita dipak	Diabetic retinopathy detection using	2023 7th international conference on computing, communication, control	6	2024	979-8-3503-0426-8 / 2771-1358

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		Convolutional neural network	and automation (iccubea)			
198	Kharat sharmila babasaheb	Integrating region proposals with recurrent neural networks for image paragraph captioning	Proceedings of 2025 3rd international conference on intelligent systems advanced computing and communication	6	2025	979-8-3315-2389-3 / 979-8-3315-2389-3
199	Kharat sharmila babasaheb	Medical chatbot using gamma llmv2 and comparison using bert models	Proceedings of 2025 3rd international conference on intelligent systems advanced computing and communication	6	2025	979-8-3315-2389-3 / 979-8-3315-2389-3
200	Kharat sharmila babasaheb	A personalized content filter for mental health apps using bilstm	Proceedings of 2025 3rd international conference on intelligent systems advanced computing and communication isacc 2025	6	2025	979-8-3315-2389-3 / 979-8-3315-2389-3
201	Kharat sharmila babasaheb	Text-to-face generation using dcgan with bert-embedding vectors	International conference on multi-strategy learning environment	16	2024	978-981-97-1487-2 / 978-981-97-1487-2
202	Nimbhore padma poonamchand	A survey of cotton crop disease detection and classification using orc-net segmentation and deep learning methods	Industrial engineer journal	8	2024	0970-2555 / 0970-2555
203	Nimbhore padma poonamchand	Cotton disease detection and identification using mask-rcnn	Isete	6	2024	290124-4955 / 290124-4955
204	Nimbhore padma poonamchand	AI pose detection and gym tracker	IEEE 4th international conference -opju	6	2024	IEEE / IEEE
205	Bhirud deepiti nitin	Bidirectional sign language translation system	IEEE	5	2024	0 /

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206	Powar sudesh bajirao	Design and performance analysis of a miniature vapor absorption refrigeration system: cop evaluation and optimization	Recent trends in mechanical engineering (icrame 2024)	9	2024	978-981-97-7535-4 /
207	Powar sudesh bajirao	Comparative analysis of various phase change materials for enhancing refrigeration efficiency	Recent trends in mechanical engineering (icrame 2024)	11	2024	978-981-97-7535-4 /
208	Powar sudesh bajirao	Design and analysis of drag forces on roadside billboards	Proceedings of the 3rd international e-conference on mechanical and material science engineering: innovation and research 2023. (icmmse:ir 2023)	9	2024	1551-7616 / 1551-7616
209	Powar sudesh bajirao	Experimental comparative analysis of cooling tower efficiency using different cooling fills materials	Recent trends in mechanical engineering (icrame 2024)	11	2024	978-981-97-7535-4 /
210	Powar sudesh bajirao	Optimizing refrigerant selection in the food industry using multi-criteria decision-making (madm) and computational fluid dynamics (cf) analysis	Recent trends in mechanical engineering (icrame 2024)	15	2024	978-981-97-7535-4 /
211	Powar sudesh bajirao	Cfd analysis of refrigeration from engine exhaust heat in refrigerated van	Recent trends in mechanical engineering (icrame 2024)	9	2024	978-981-97-7535-4 /
212	Powar sudesh bajirao	Structural and vibration analysis	Recent advances in mechanical engineering	15	2024	978-981-97-4947-8 / 978-981-97-4946-1

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		of lattice-type truss bridge				
213	Pokharkar sneha abhijeet	Unleashing innovative engagement in programming education	International conference on educating post millennials (icem'24)	8	2024	Na / na
214	Pawar krunal bajirao	Reliable and secured cluster based routing in wsn via lyrebird-panda optimization algorithm	2024 international conference on integrated intelligence and communication systems (iciics)	6	2024	979-8-3315-0496-0 / 979-8-3315-0497-7
215	Pawar krunal bajirao	Development of iot based smart street lighting system	2024 international conference on innovation and novelty in engineering and technology (innova)	4	2024	979-8-3315-0513-4 / 979-8-3315-0513-4
216	Borate komal nikhil	Enhanced security through honeywords and video captcha	Advances in electrical, computing, communications and sustainable technologies (icaect 2025)	7	2024	7067 / 7067
217	Ugale prajakta vinay	Timelog: genetic ai enabled timetable generation	2nd ieee international conference for women in innovation, technology and entrepreneurship	8	2024	"electronic isbn:979-8-3503-8328-7 print on demand(pod) isbn:979-8-3503-8329- 4" / 0
218	Ugale prajakta vinay	"cross-modal text-to-video retrieval using deep learning"	International conference on multi-strategy learning environment 2024	8	2024	Print isbn 978-981-97-1487-2 / 0
219	Suryawanshi sitaram govindrao	Analysis of progressive collapse of building on existing structure using staad pro by removing multiple column	International conference on joint innovations in sustainable engineering, project management and newtransformations in computing and communication: ic-jspmntc 2024	8	2025	1551-7616 / 1551-7616
220	Dashrath prajakta dattatraya	Application of lstm for differentiating real and fake bank names from	2024 international conference on iot based control networks and intelligent systems (icicnis)	1351	2024	2024 international conference on iot based control networks and intelligent systems (icicnis) /

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		provided uniform resource locator				
221	Navghare Nilesh Dharma	File encryption using aes and xor algorithm for data security	2024 2nd international conference on intelligent data communication technologies and internet of things (idciot)	7	2024	979-8-3503-2754-0 / 979-8-3503-2753-3
222	Navghare Nilesh Dharma	Enhancing social media sentiment analysis through blockchain-enabled validation	IEEE Xplore	7	2025	979-8-3503-6800-0 / na
223	Devre Pankaj Bharat	Applications of deep learning and machine learning: a vision	National conference on emerging trends in engineering and technology 2024	4	2024	0971-3034 /
224	Barve Sunita Shivprakash	"language model embeddings to improve performance in downstream tasks,"	IEEE 16th international conference on computational intelligence and communication networks (cicn),	5	2024	Na / na
225	Barve Sunita Shivprakash	, "enhancing phishing website detection using stacking ensemble techniques,"	3rd international conference for advancement in technology (iconat),	9	2024	Na / na
226	Barve Sunita Shivprakash	"enhancing dermatological diagnosis: a deep dive for skin lesion classification,"	IEEE North Karnataka Subsection Flagship International Conference (nkcon),	6	2024	Na / na
227	Barve Sunita Shivprakash	"enhancing image captioning through the integration of image processing and nlp,"	8th international conference on computing, communication, control and automation (iccubea),	6	2024	Na / na
228	Barve Sunita Shivprakash	"predicting human body prakriti with ayurvedic	International conference on intelligent algorithms for computational	7	2024	Na / na

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		tridosha features using ensemble learning models,"	intelligence systems (iacis)			
229	Barve sunita shivprakash	"a comprehensive analysis for facial animation using thin plate splines and first order model,"	Second international conference on networks, multimedia and information technology (nmitcon),	9	2024	Na / na
230	Barve sunita shivprakash	Key-frame-based video summarization using similarity measure	Lecture notes in networks and systems	8	2025	Na / na
231	Barve sunita shivprakash	Comparative analysis of cnn architectures for deep fake detection	Proceedings of 2025 3rd international conference on intelligent systems, advanced computing, and communication, isacc 2025	8	2025	Na / na
232	Patil bhimagoud rajendra	Evaluation of lidar-based autonomous guided vehicle	2024 2nd international conference on signal processing, communication, power and embedded system (scopes)	6	2024	Na / na
233	Patil bhimagoud rajendra	Battery simulation for electric golf cart application	2024 2nd international conference on signal processing, communication, power and embedded system (scopes)	6	2024	Na / na
234	Goudar mahesh devendragouda	Theoretical analysis and numerical simulation of particle behaviour in electrostatic precipitators with various electrode geometries	Fluid mechanics and fluid power	10	2024	978-981-9695997 / 2195-4364
235	Goudar mahesh devendragouda	Experimental investigation on vertical farming structure equipped with	Fluid mechanics and fluid power	13	2024	978-981-99-5754-5 / 2195-4364

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		electronic controls				
236	Goudar mahesh devendragouda	Numerical simulation of electro-coalescence enhancement via novel non-uniform electric field design	Fluid mechanics and fluid power	9	2024	978-981-96-96000-0 / 2195-4364
237	Wangikar vaishali chandrakant	Food image recognition and volume estimation: a comprehensive study for dietary assessment	2024 ieee 9th international conference for convergence in technology (i2ct)	8	2024	979-8-3503-9447-4 / 979-8-3503-9447-4
238	Patil rahul ashok	Comparative analysis of various phase change materials for enhancing refrigeration efficiency	Recent trends in mechanical engineering	11	2024	978-981-97-7534-7 / 2195-4356
239	Patil rahul ashok	A multimode energy analysis of direct expansion heat pump system	Advances in clean energy and sustainability volume 1	11	2024	978-981-97-5414-4 / 1865-3529
240	Rudrawar shilpa kedar	Empowering students: web-based essentials at your fingertips	Grenze international journal of engineering and technology	6	2024	2395-5295 / 2395-5295
241	Rudrawar shilpa kedar	Web-based secure voting system (cloud)	Grenze international journal of engineering and technology	7	2024	2395-5295 / 2395-5295
242	Malge abhijeet	Numerical analysis of vertical axis wind turbine	Lecture notes in mechanical engineering	179	2024	2195-4356 / 2195-4356
243	Itollikar ashish balkrishna	Dielectric spectral analysis for fruit juice at microwave frequencies using tdr	5th international conference on "recent advances in fundamental and applied sciences" (rafas-2024) on april 19-20, 2024 at lovely	1	2024	978-81-972042-5-8 / .

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			professional university, phagwara, punjab.			
244	Badre ranjana rajesh	Advancements in plant leaf disease identification using deep learning and machine learning perspective	2024 mit art, design and technology school of computing international conference (mitadtsocicon)	12	2024	Electronic isbn:979-8- 3503-6287-9 usb Isbn:979-8-3503-6286-2 print on demand (pod) isbn:979-8-3503-6288-6 / na
245	Kale shubhangi prabhakar	Violence detection through surveillance videos using combination of vgg16 and lstm	2024 international conference on advances in data engineering and intelligent computing systems, adics 2024	6	2024	979-8-3503-6482-8 / isbn:979-8-3503- 6483-5
246	Kale shubhangi prabhakar	Enhancing text quality with bi- lstm: an approach for automated spelling and grammar correction	2024 international conference on advances in data engineering and intelligent computing systems, adics 2024	6	2024	979-8-3503-6482-8 / isbn:979-8-3503- 6483-5
247	Pande sandeep dwarkanath	Development of iot based smart street lighting system	2024 international conference on innovation and novelty in engineering and technology (innova), vijayapura, india, 2024(ieee xplore)	5	2025	979-8-3315-0513-4 / -
248	Ghusse diptee someshwar	Comparative analaysis of cnn architectures for deep fake detection	2025 3rd international conference on intelligent systems, advanced computing and communication (isacc)	7	2025	979-8-3315-2390-9 / na
249	Ghusse diptee someshwar	A comprehensive analysis for facial animation using thin plate splines and first order model	2024 second international conference on networks, multimedia and information technology (nmitcon)	7	2024	979-8-3503-7289-2 / na
250	Ghusse diptee someshwar	Predicting human body prakriti with ayurvedic tridosha features	2024 international conference on intelligent algorithms for computational	7	2024	979-8-3503-6066-0 / na

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		using ensemble learning models	intelligence systems (iacis)			
251	Ghusse diptee someshwar	Language model embeddings to improve performance in downstream tasks	IEEE Explore	6	2024	979-8-3315-0527-1 / 2375-8244
252	Ghusse diptee someshwar	Enhanced vehicle detection and license plate recognition for intelligent transportation systems	2024 parul international conference on engineering and technology (picet)	7	2024	979-8-3503-6974-8 / na
253	Ghusse diptee someshwar	Enhancing image captioning through the integration of image processing and nlp	2024 8th international conference on computing, communication, control and automation (iccubea)	7	2024	979-8-3503-9177-0 / na
254	Ghusse diptee someshwar	Enhancing phishing website detection using stacking ensemble techniques	2024 3rd international conference for advancement in technology (iconat)	7	2024	979-8-3503-5415-7 / na
255	Ghusse diptee someshwar	Age-adaptive lung cancer prediction using ensemble learning methods	2024 international conference on integrated intelligence and communication systems (iciics)	6	2024	979-8-3315-0497-7 / na
256	Ghusse diptee someshwar	Enhancing dermatological diagnosis: a deep dive for skin lesion classification	2024 IEEE North Karnataka Subsection Flagship International Conference (NKCON)	7	2024	979-8-3503-6457-6 /
257	Ghusse diptee someshwar	Medical chatbot using gamma llmv2 and comparison using bert models	2025 3rd international conference on intelligent systems, advanced computing and communication (isacc)	7	2025	979-8-3315-2389-3 /

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258	Ghusse diptee someshwar	A personalized content filter for mental health apps using bilstm	2025 3rd international conference on intelligent systems, advanced computing and communication (isacc)	8	2025	979-8-3315-2390-9 / na
259	Ghusse diptee someshwar	Improving potato disease classification with convolutional neural networks and feature fusion	2025 3rd international conference on intelligent systems, advanced computing and communication (isacc)	6	2025	979-8-3315-2390-9 / na
260	Ghusse diptee someshwar	Automated employee attendance monitoring using liveness face recognition and geofencing in real time	2023 ieee fifth international conference on advances in electronics, computers and communications (icaecc)	7	2024	979-8-3503-0544-9 / 2640-8244
261	Ghusse diptee someshwar	Fake news detection using ensemble approach	Fake news detection using ensemble approach	7	2024	979-8-3503-0544-9 / 2640-8244
262	Ghusse diptee someshwar	Forecasting gold price using ensemble based machine learning approach	Forecasting gold price using ensemble based machine learning approach	7	2024	979-8-3503-1920-0 /
263	Ghusse diptee someshwar	Comparing methods for detecting and mitigating bias in machine learning models	2023 ieee fifth international conference on advances in electronics, computers and communications (icaecc)	7	2024	979-8-3503-0544-9 / 2640-8244
264	Tapkir vinaya s	Aerial delivery system	ieee 9th international conference for convergence in technology (i2ct)	8	2024	979-8-3503-9445-0 /
265	Ma aswathy -	Design of deep learning- based approach to predict lung cancer on ct scan images	2024 5th international conference on innovative trends in information technology (icitiit)	5	2024	979-8-3503-8681-3 / 979-8-3503-8681-3

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266	Patil mayurkumar prakash	Artificial intelligence in carbon capture: modeling co2 absorption using amine blends	Journal of physics: conference series	2763	2024	Na / 1742-6596
267	Gundecha aniket dinesh	Robust control of adaptive cruise control system with hil testing	2023 fourth international conference on smart technologies in computing, electrical and electronics (icstcee)	5	2024	979-8-3503-8463-5 /
268	Bansode nutan vasant	Early detection of fetal skull anomalies using web-based convolutional neural networks	8th international conference on computing, communication, control and automation (iccubea)	6	2024	979-8-3503-9177-0 / 2771-1358
269	Alhat bhagyashree ravindra	Disaster prediction using appropriate machine learning techniques	2024 ieee pune section international conference (punecon), pune, india, 2024	7	2025	979-8-3315-2782-2 / 2831-5022
270	Alhat bhagyashree ravindra	Disaster prediction using appropriate machine learning techniques	2024 ieee pune section international conference (punecon), pune, india, 2024	7	2025	979-8-3315-2782-2 / 2831-5022
271	Alhat bhagyashree ravindra	Technology-based pedagogical approaches for teaching and learning	Pedagogical revelations and emerging trends	7	2024	9781032960029 / 9781032960012
272	Kulkarni smita sunil	Hyperparameter tuning to improve deep learning model performance	4th international conference on sustainable expert systems (icses),	4	2024	979-8-3315-4036-4 / 979-8-3315-4036-4
273	Kulkarni smita sunil	Flight price prediction for enhanced recommendations via machine learning web application	2nd international conference on sustainable computing and smart systems (icssc)	7	2024	979-8-3503-7999-0 / 979-8-3503-7999-0
274	Muthekar vijay v	Optimization of activation function in neural network	International conference on joint innovations in sustainable engineering,	12	2025	https://doi.org/10.1063/5.0269213 /

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		to predict compaction parameters of silty soil	project management and new transformations in computing and communication: ic-jspmntc 2024			https://doi.org/10.1063/5.0269213
275	Wagh snehal suryabhan	Application of artificial neural networks in rainfall- runoff modeling	Imac 2024 by pccoe	7	2024	Nil / nil
276	Wagh snehal suryabhan	Estimation of actual evapotranspiration using penman-montieth method for indriyani river basin using remote sensing and gis	Hydro 2024	10	2024	Nil /
277	Barve sunita shivprakash	Age-adaptive lung cancer prediction using ensemble learning methods	2024 international conference on integrated intelligence and communication systems (iciics), kalaburagi, india, 2024	8	2024	0 / 0
278	Barve sunita shivprakash	"comparative study of video summarization using keyframes with state-of-the-art techniques,"	IEEE 16th international conference on computational intelligence and communication networks (cicn),	9	2024	Na / na

Research Projects/Schemes Undertaken by Teachers

12. Research Projects/Schemes Undertaken by Teachers

Sr. No.	Name of the Investigator(s)	Faculty	Title of the Research Project/Scheme	Name of the Funding Agency	Duration of the Project/Scheme	Amount Sanctioned (Rs.)	Major/Minor
1	Shraddha Admane	Engineering	Application of removal of organic compound from fo	Other	01/08/2024-30/08/2026	252000	Major
2	vaishali katkar	Engineering	Design and development of environment friendly E-b	UGC	01/06/2024-30/06/2026	270000	Minor
3	Mamta sardare	Engineering	Discovery of Novel Green Bio-solvent for Enhanced	Other	01/11/2024-01/11/2026	268000	Minor
4	BCUD SPPU Pune	Engineering	Cognitive Radio Network using GNU Radio and Unive	UGC	01/07/2013-18/07/2015	140000	Minor
5	Nikhil B Sardar	Engineering	Design and development of Environment friendly E-B	Other	01/06/2024-01/06/2026	270000	Major

Faculty Member Statistics

13. Faculty Member Statistics

School / Division	Professor/Associate Prof / Assistant Prof	Male Faculty	Female Faculty	Total Number of PhD
Chemical Engineering	Professor	03	0	03
	Associate Professor	01	0	01
	Assistant Professor	09	03	08
	Professor of Practice	0	01	01
Civil Engineering	Professor	01	0	01
	Associate Professor	01	0	01
	Assistant Professor	11	04	04
	Professor of Practice	0	02	02
Computer Engineering	Professor	01	02	03
	Associate Professor	03	03	05
	Assistant Professor	11	23	8
CSE-AIML	Assistant Professor	01	03	01
CE-Software Engineering	Assistant Professor	03	03	01
CSE-Data Science	Assistant Professor	0	02	0
IT	Professor	01	0	0
	Assistant Professor	04	0	0
E&TC Engineering	Professor	01	01	02
	Associate Professor	01	03	04
	Assistant Professor	13	14	08
Electronics Engg.	Assistant Professor	01	02	02
Mechanical Engineering	Professor	04	0	04
	Associate Professor	04	01	05
	Assistant Professor	18	03	09
Mathematics	Assistant Professor	02	04	01
Applied Sci.	Associate Professor	0	01	01
	Assistant Professor	01	0	0
HPD	Assistant Professor	05	06	04
Design	Professor	01	0	0
	Associate Professor	01	0	01
	Assistant Professor	10	07	02
	Professor of Practice	01	0	0

Entrepreneurship Development Foundation

14. Entrepreneurship and Innovation Ecosystem



Academy of Engineering

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)



MIT AOE
Entrepreneurial
Development
Foundation

Vision

To be a leading contributor in the field of Incubation to cultivate, foster and stimulate the entrepreneurial aspirations and provide an ecosystem to create innovative, sustainable, and profitable and job creating Start-ups.

Mission

- To encourage and support students and youngsters to opt for entrepreneurship as a career opportunity
- To strengthen the students, alumni and local entrepreneurial ecosystem by providing the necessary information, knowledge, support, facilities and organise community-level programs and summit to develop the start-up culture
- To connect the start-up aspirants with the respective domain experts, entrepreneurship mentors, consultants and investors

- To work and network with various organizations in the field of entrepreneurial development

Role and responsibilities of the cell:

We take efforts to be a leading contributor in the field of Incubation to cultivate, foster and stimulate the entrepreneurial aspirations and provide an ecosystem to create innovative, sustainable, and profitable job creating start-ups.

Objectives:

- To encourage and support students and youngsters to opt for entrepreneurship as a career opportunity
- To strengthen the students, alumni and local entrepreneurial ecosystem by providing the necessary information, knowledge, support, facilities and organise community-level programs and summit to develop the start-up culture
- To connect the start-up aspirants with the respective domain experts, entrepreneurship mentors, consultants and investors

To work and network with various organizations in the field of entrepreneurial development

Introduction:

The prime objective of MITAoE is to prepare students to brave the challenges of the competitive world. The institute focuses on creating ample opportunities for students' self-employment. Entrepreneurial mindset is one of the key parameters of students' development in today's era and the entrepreneurship development cell (ED cell) is consistently taking care of it. With the inception of MITAoE Entrepreneurial Development Foundation (Section 8 company emerged out of ED cell) in 2018-19, the institute supports to inculcate innovation and entrepreneurship culture amongst students. MITAoE is recognised as a Host Institute in 2020 for the implementation of the scheme 'Support for Entrepreneurial and Managerial development of MSMEs through Incubator'.

Some of our proud achievements include Winner at NEC-2019, Startup Club Award, 'Band B Rank 26-50th' under the Self Finance Private Institute Category, in the ARIIA rankings, 75 teams have won "Certified Potential Real Venture", 4-Star performance in the year 2019-20 at Institute Innovation Council (IIC) an Initiative of MHRD-GOI and grant of Rs. 2 crores through the Startup India seed Fund Scheme followed by Four-star performance in the implementation of the scheme in 2023.

The ED cell contributes to cultivate, foster and stimulate entrepreneurial aspirations and provide an ecosystem to create innovative, sustainable, profitable and job-creating Startups. To date, entrepreneurship education has been provided to around 2000+ students and 10+ faculties have been trained as entrepreneurship educators. A specialization (Multidisciplinary minor track) for UG students is provided through the curriculum in Innovation and Entrepreneurship in association with Wadhvani foundation. The contents, approach of delivery and assessment methods have been updated from time to time. To achieve the sustainable development of faculty, staff and students, the institute has implemented various policies and initiatives that help them grow multidimensional. There is an active team of students and faculty members who coordinate IIC activities and NISP policy implementation at the institute.

MITAoE EDF provides technological resources, initial growth funds, network and linkages, co-working spaces, lab facilities, mentoring and advisory support, resources for legal, financial and technical support to inhouse students, faculty as well as external startups. Since inception, 39 startups

have been graduated, 17 are in the pipeline and 12 startups have been onboarded through the Startup India Seed fund scheme. We are in association with 5 incubation centres individually for specific terms and are a part of Pune innovation cluster. There is an ever-increasing trend for number of startup incorporation, fund raising and activity conduction through the ED cell. Students and faculty are encouraged to be a part of various Programs such as Practice Venture (PV), Institution's Innovation Council (IIC), Yukti innovation challenge, National Entrepreneurship Challenge.

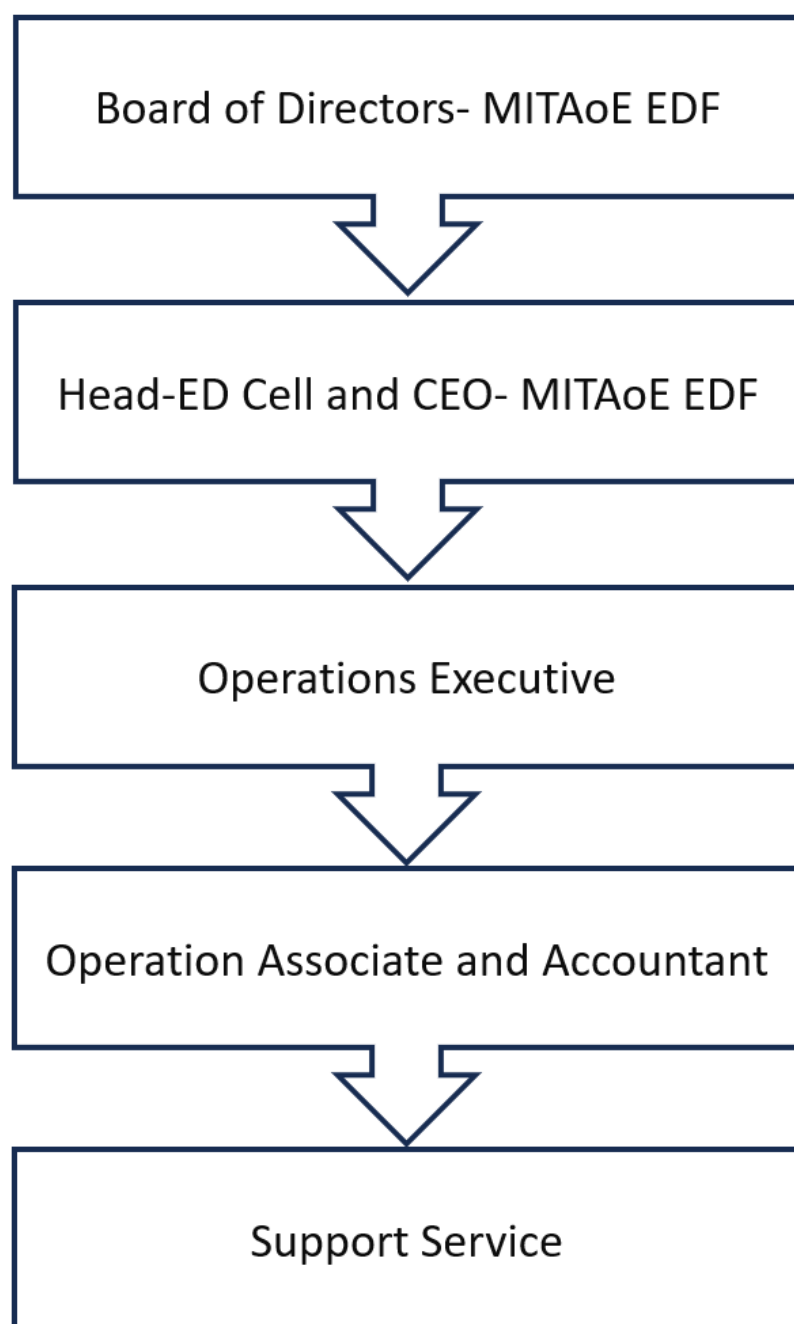
Total funding received

- Institute has been approved by Development Commissioner MSME as a Host Institute for BI-MSME scheme (refer to the last page of attachment)
[Under the private institute category at India level only 19 institute has been approved by DC-MSME, in Maharashtra state only 2 institute finally qualify for this and we are one of them. For a Plant and machinery Institute will get 1 cr funding]
- Idea Name: "Digital Artificial Insemination Device" has got approval of Rs: 12.75 Lakh under MSME-BI scheme. Soon it will get credit to institute account [It delayed due to covid pandemics]
- 'MITAoE Entrepreneurial Development Foundation' has been approved by the Experts Advisory Committee (EAC) with a total commitment of Rs. 20000000 financial support. Among this, the first tranche of Rs 8400000 has been received. Disbursement to 11 startups has been completed.
- Yukti Innovation challenge: 5,00,000/- grant to Mr. Chinmay Patel for his innovation -Oxi Power filter
- Course khoj lead by Mr. Tejas Shar & Mr. Sushant Ingawale has been awarded with Rs.1 lakh by Maharashtra Student Innovation Challenge + one year startup incubation support at SPPU and BHAU

ED Cell at glance:

- Number of student startups graduated: 74
- Number student startups in preincubation: 15
- Incorporated student Startups: 18
- MSME registered student startups: 50+
- Number of startup Patents: 02
- Startups incubated through SISF Scheme: 12
- Startups incubated through ASIIM scheme: 01
- Total number of MoUs with MITAoE EDF: 15
- Schemes available with MITAoE EDF:
 - Startup India Seed Fund Scheme (2 Crore approved)
 - MSME Host Institute
 - Ambedkar Social Innovation Incubation Mission (10 Lakh per year)

Organisational Structure of MITAOE-EDF



The Team:

Name	Designation
Dr. Yogesh Bhalerao	Board of Director, MITAOE-EDF
Dr. Mahesh Goudar	Board of Director, MITAOE-EDF
Dr. Shitalkumar Jain	Board of Director, MITAOE-EDF
Mr. Vinayak Kshirsagar	Board of Director, MITAOE-EDF
Prof Saylee Bidwai	Head, ED Cell
Mrs. Tejal Trilokekar	Operational Executive, MITAOE Entrepreneurial Development Foundation
Miss Neha Kshirsagar	Operational Associate, MITAOE Entrepreneurial Development Foundation
Dr. Parag Sutar	Entrepreneurship Educator , IIC , Yukti -Incharge

Board of Directors MITAOE- Entrepreneurship Development Foundation



Mr. Vinayak Kshirsagar



Dr. Yogesh Bhalerao



Dr. Mahesh Goudar



Dr. Shitalkumar Jain



Prof. Saylee Bidwai

**Head ED Cell
MITAOE**



Smt. Tejal Trilokekar
Operation executive



Ms. Neha Kshirsagar
Operations Associate and Accountant

Major achievements of the cell/ MITAoE EDF:

- 5 Faculty members are certified as Entrepreneurship Educator by Wadhwani Foundation (March 2025)

Student/incubate achievements:

- OYD Auto Accessories Pvt. Ltd. Co-funded by Ms. Harshada (Kamble) Jagtap Received grant funding of Rs. 2 Lakh through Startup India Seed Fund Scheme (Aug 2024)
- MITAoE EDF (our incubation centre) is now recognised by the ASIIM scheme (Ambedkar Social Innovation Incubation Mission). Among applications for the scheme, one has been sanctioned by IFCI Venture Capital Funds Ltd. The shortlisted startup Encure Solutions Private Limited will receive its first tranche of Rs.10 Lakh

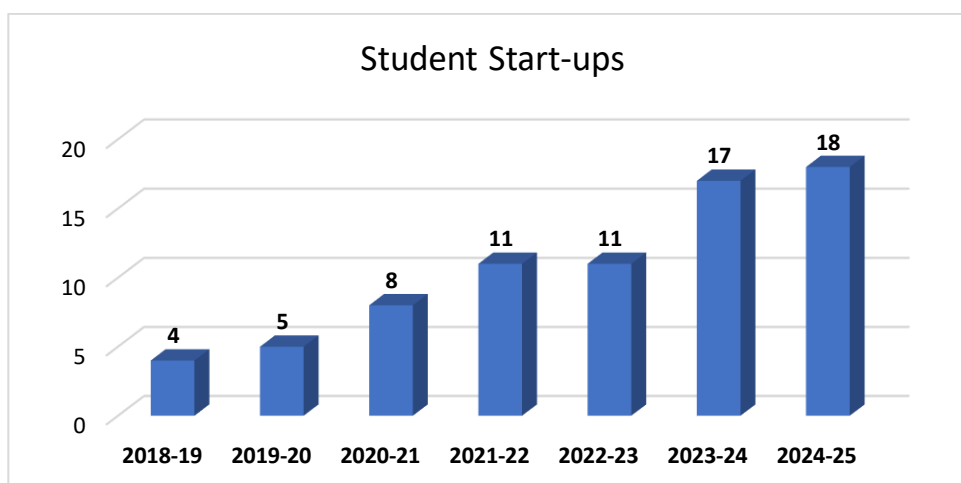
List of MOU's

Sr. No.	Organisation name	Date of signing	Purpose
1.	Wadhwani foundation	04/05/2018	To empower students entrepreneurial traits and build leadership
2.	Intoit solutions	26/08/2019	Mentoring and pre-incubation
3.	Aic pinnacle	12/12/2019	Incubation and networking
4.	Ms law partners	29/01/2020	Ipr legal
5.	Dlfc	28/10/2020	Legal, financ, dpr and end to end support for start-up
6.	Finstreet	1/11/2020	Financial literacy
7.	Navyuvak entrepreneurs	6/01/2021	Seed money and networking
8.	Bhau's incubation centre, pune	5/07/2021	Co-working space, networking, mentoring and funding assistance for incubate
9.	Pimpri chinchwad startup incubation centre	30/11/2021	Student startup support

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10.	Amplinext innovation catalyst	13/12/2023	To provide incubation & acceleration services for startups
11.	Avantika innovation & incubation center (aiic)	28/02/2024	For mentoring & coaching programs ,to provide access to industry experts, helping in organising startup expo, hackathon etc.
12.	Mitadt university, pune	31/05/2024	To establish a comprehensive, long term collaborative, initiative for mentoring, coaching, access to a network to a industry expert. Organizing start up expo.
13.	Isba – indian step & business incubator association (isba)	23/10/2024	Useful for fetching funding, networking with national & international stake holders & govt. Officials
14.	Fundenable	15/10/2024	Useful startup groups experiential learning
15.	Deputy commissioner of police (traffic), pimpri chinchwad, pune	03/04/2025	Development of application to empower citizens for directly reporting traffic issues to dcp office

Startup Details



Sr. No.	Academic Year	Total No. of Start-ups
1.	2024-2025	18
2.	2023-2024	17
3.	2022-2023	11
4.	2021-2022	11
5.	2020-2021	08
6.	2019-2020	05

7.	2018-2019	04
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Academic Year 2024-2025		
1	LineFree	Manas Sawale, kanchan Sanap, Neha More
2	VIEFIL	Vishakha Dhayare, Payal Misal
3	Kali Solutions	Yashwardhan Wagh, Manoj Pandit
4	GREENWRAP	Sakanya Mane, Sumati Rahate
5	Academia Express	Hanzala Dhooni, Yash Bafana
6	GreenCrete	Bhagwant Sanap, Shoeb Sutar, Om Tekale
7	Simply Drink	Ruturaj Deshmukh, Ayush Kalmegh, Sanskruti Sethia
8	AVT	Vinod Dhage, Adil Majeed, Tirupati Kasare
9	Ecosia	Sakshi Dhumal, Vaishnavi Nikam, Yukti Waghare
10	FoamFold	Gungun Wahane, Isha Chaudhari, Nikita Hakande
11	Silfinity	Saras Kakade, Disha Tiwari, Kamlesh Pawar
12	ReGen concrete	Raj Jadhav, Prasad Bhusamwar, Ashutosh Verma
13	K3 RMC	Kapil Kumbhar, Subhodh Khajekar, Punit Kawadkar
14	Milletminds	Nandini Thorat
15	Titan Wave	Atharva Kulkarni, Aman Upadhye, Aman Upadhye
16	S2 Pvt.Ltd-	Sharad Waybase
17	Edu Flex Pvt. Ltd.	Soham Malwade
18	Corexa	Kishor Kumar
19	Tronocity	Atharva Lemse, Devyani Dhore
20	OCSK Sotutions	Onkar Chougule

Training sessions, seminars, workshops, lectures conducted

Sr. No	Event details	Date
2024-25		
Activity Attended 2024 - 25		
1	HOD & staff of ED Cell attended workshop-Angel Masterclass Programme organised SIDBI-FUNDENABLE at AISSM	22,23,24 July 24
2	HOD & staff of ED Cell attended workshop SIDBI Cluster Intervention Program –on Training Program on Book Keeping & Accountancy	28 Aug 24
3	Students of ED cell have attended Social Innovation Summit at Bhau Institute Pune	29 Aug.24
4	HOD & Staff of ED Cell attended online Workshop-Burnout Churn out organised by IS & CGM training by South Africa	05.Aug 24
5	HOD & Staff of ED Cell attended online Workshop Meeting with Incubators- Lab to Market Program by Fundenable in an online mode	05.08 24
6	Students & HOD attended Seminar on Emerging Trends in Future Mobility, Semiconductors & Applied AI at MCCIA	21 Aug 24
7	HOD of ED Cell attended Roundtable Discussion PUM – Pune Incubator CEO at AIC-ADT Baramati	09 Aug 24
8	HOD Of ED Cell & Dr. Kale attended 16 Annual ISBA 2024 Conference at T Hub Hyderabad	17 Oct 24 -19 Oct 24
9	Students of E & TC visited to SPPU fabrication unit to learn about Sputtering machine	16 Oct 24
10	ED cell students attended Expert Talk / Workshop- Local Startups Meet at Pune organised by IIT Kharagpur	06 Oct 24
11	HOD Prof. Bidwai participated as a key speaker in FDP on Semiconductor Fabrication Technology organised by DY Patil International University in an online mode	16 Dec 24
12	HOD Prof.Saylee Bidwai attended webinar of How to attract High Talent Startups organised by NSRCEL , IIM Bangalore	16 Dec 24
13	HOD Prof.Saylee Bidwai & EDF staff attended webinar on 2 nd Masterclass Program – SIDBI in an online mode	19 Dec 24
14	HOD attended Online Capacity Building Program (CBP) on Digital Twin Revolution :Bridging the Physical & Virtual Worlds sponsored by IEEE Bombay Section	23 Dec 24 – 27 Dec24
15	HOD & Students attended Auto Electronics summit 20254 –Industrial Visit organised by Semiconductor Association Pune	13 Feb 25
16	HOD & Students Visited MCCI Baner by Semiconductor Association Pune	13 Feb 25

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17	HOD & Students visited AI powered innovation competition organised by Amplixt	15. Feb 25
18	HOD Prof.Saylee Bidwai was invitee as a panellist at Women Entrepreneur's Conclave 2025 organised by Tilak Maharashtra Vidyapeeth	05.03.25
19	Meeting was held with Mr. Ajay shrivastava of STIP to discuss the scope of collaboration & student's internship	07.03.25

Activity Conducted 2024-25

1	FDP conducted for ENS course teachers by Wadhwani Foundation	06 Sep 24
2	Expert session conducted on –Career Opportunities in VLSI & Semiconductors by Mr Milind Jape was organised	03 Sep 24
3	A workshop was organized of Ranade sir about the ethics of entrepreneurship.	19. Sep 24
4	Panel Discussion held during Entrepreneurship Summit on 8th Nov '24	08 Nov 24
5	IPR for entrepreneurs Transfer of Technology Workshop held during Entrepreneurship Summit on 8th Nov '24 by Adv.. Anand Mahurkar	08 Nov 24
6	Ideathon & Pitching session held during Entrepreneurship Summit on 8th Nov '24	08 Nov 24
7	Fund Forge : session held during Entrepreneurship Summit on 8th Nov '24 by Shri <u>Sudin Baraokar</u> ji, Smt. <u>Ashvini Wagh</u> ji, and Smt. Kanika Garg	08 Nov 24
8	Startup Expo held during Entrepreneurship Summit on 8th Nov '24	08 Nov 24
9	Keynote Session held during Entrepreneurship Summit on 9th Nov '24 by Prof. Uday Vali sir	09 Nov 24
10	In Celebration of Innovation Week- “Innovative Idea” theme given to students for presentation	13 Jan 25
11	Interactive session on ‘Legal Aspects related to Startups’ by CS Sushant Kulkarni was organised for students	14 Jan 25
12	Expert talk by Mr. Krunal Jagtap on Founder’s Story for the students was organised	15 Jan 25
13	Live telecast of e-Inauguration of Udyamotsav 2025 was organised for the students, during the celebration of Innovation Week	16 Jan 25
14	Industrial visit was planned at Assembly Plant of Krishigati, at Markal during the celebration of Innovation Week	16 Jan 25
15	Expert session on Idea to IPR & Beyond –Adv. Anand Mahurkar sir for staff, faculty & students during the celebration of Innovation Week	17 Jan 25
16	Celebration of Incorporation Day/Foundation Day of EDF with organisation of poster presentation, pitchdeck presentation. Winners of these are rewarded with Seed Funding	07 Feb 25
17	FDP organised for ENS course teachers of Wadhwani Foundation	13 Feb - 21 Feb 25
18	Organised workshop for MDM students by Fundenable on Financial aspects & Business Plan	20. Feb 25

Photo Gallery E SUMMIT 24





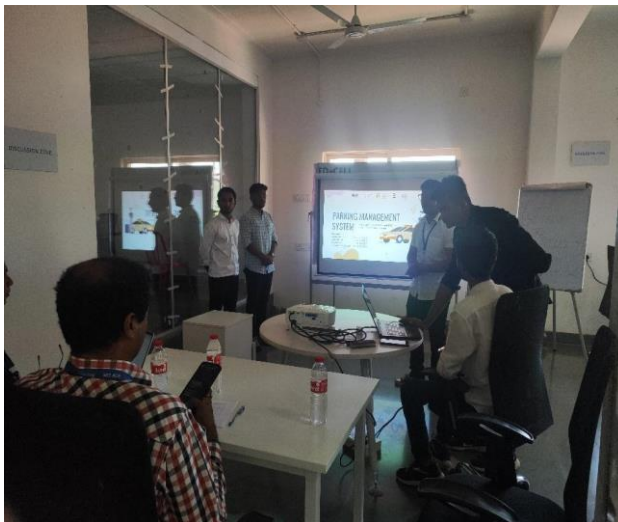
INNOVATION Week – 25 Business simulation Workshop 25





Industry visit to explore the possibilities of collaboration and MOU

P2P Presentation 2024



Student Internships

15. Student Internships

School / Division / Faculty	Total Strength	Eligible for Internship	Internships received	Internships (With Stipend)	Internships (Without Stipend)
Computer	226	226	148	115	33
E&TC	153	153	102	57	45
ETX	66	66	32		18
Chemical	69	69	49	40	9
Civil	71	71	39	39	0
Mechanical	195	195	101	88	13

Students Placements

16. Students Placements

School / Division	Total Strength	Opted for Placement	Eligible for Placement	Number Placed	Campus Ratio/%	The Highest Package in Rs.	Median	Average Package in Rs.
Computer	226	226	226	143	63.27	27 LPA	5.5 LPA	7.19 LPA
E&TC	153	153	153	55	35.95	13.36 LPA	5 LPA	5.24 LPA
ETX	66	66	66	20	30.30	7 LPA	4 LPA	4.88 LPA
Chemical	69	69	69	33	47.83	8 LPA	4.01 LPA	4.73 LPA
Civil	71	71	71	7	9.86	6.5 LPA	4 LPA	4.62 LPA
Mechanical	195	195	195	82	42.05	14 LPA	4.5 LPA	5.76 LPA

International Collaboration

17. International Collaboration

Country	Name of University	MoU starting year	Details of the MoU
USA	Worcester, Massachusetts USA Polytechnic Institute (WPI)	30/09/2024	Faculty mobility for teaching and research, Masters study, Summer Internship
UK	University of central Lancashire , United Kingdom	23 July 2024	This co-operative MOU to explore opportunities to collaborate within the context of education and training research and innovation .
USA	The University of Mississippi Oxford Mississippi	16/10/2024	Twinning, 3+1 joint degree, Semester abroad, Summer Internship, Faculty joint research
	MYKOTAS ROMERIS UNIVERSITY, IITHUANIA	14/02/2025	The Parties hereby agree to implement within the framework of the rules and regulations applicable in each of the institutions and subject to availability of funds and resources,
UK	University of Central Lancashire	01/08/2024	Summer school, Faculty Mobility for teaching and research, Masters study, Twinning
UK	Mykolas Romeris University, Lithuania	18/03/2025	Student exchange, faculty exchange , COIL, joint degree
UK	University of York, UK	20/03/2023	This Memorandum of Understanding ("MOU") has been devised in recognition of the particular roles of York Courses, Centre for.Global Programmes, University of York (York) and MITAOE in the development of short courses, and associated services. York and MITAOE share a commitment to providing a programme of courses for MITAOE students over an agreed period.
UK	Coventry University, UK	31/05/2023	Summer Internship
	RWTH Aachen University, Germany	28/07/2023	Masters study
UK	University of East Anglia, UK	May 2023	Research, Faculty Exchange, Student exchange

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	Transport and Telecommunications, (TSI), Riga, Latvia		Faculty exchange, Research, Funding
UK	University of Liverpool, UK	29/04/2024	Twinning, 3+1 joint degree, Semester abroad, Summer Internship, Faculty joint research
UK	Sheffield Hallam University, UK	08/05/2024	Faculty mobility for teaching and research, Masters study, Summer Internship
USA	Texas A & M University, Texarkana, USA	16/05/2024	Summer school, Faculty Mobility for teaching and research, Masters study
UK	Teesside University, UK	01/10/2024	Semester abroad, Summer school, Research, Faculty Exchange, Student exchange
	Universidad Maria Auxiliadora, Peru South America	21/05/2024	Faculty exchange for teaching, Semester abroad, hosting summer school

Alumni Spotlight

18. Alumni Spotlight

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Sl No	Details
1.	Alumni Meet conducted on 16 th Nov2024 in Department Library. Alumni from 2011 to 2023 batched were present.
2	Guest Lecture on 'Application of Data Structure in Industry' on 24 th Nov 2024 by our Alumni Mr. Aditya Barve
3	Guest Lecture on "Real Time data Structure application in financial Industry" 14 th Nov 2024
4	Workshop on “Concepts of cloud and whole cloud Practitioner” 18 th Oct 2024 by Our Alumni Mr. Sanket Nagare (Vice President and Software developer worqhat)
5	Workshop on “Intermediate and advance level cloud Associate” on 24 th Oct 2024 by our Mr. Sanket Nagare (Vice President and Software developer Worqhat)
6	Senior Product Manager, GitHub CoPilot, Microsoft2013 Passed out with Computer Science Engineering - has been working with Microsoft since 2017 and has been instrumental in developing and scaling Generative AI Models like CoPilot with Microdoft. 
7	Mr. Abhisangh Singh Arora, Associate Technical Consultant, Perficient, ,Tech Computer Science Engineering 2022 MSc. –Computer Science – 2024 from The University of Texas Arlington 

Result Analysis

19. Result analysis

MIT ACADEMY OF ENGINEERING

EXAMINATION SECTION

Percentage Results AY 2024-25

Passing Percentage After Reexam (2024-2025)

BRANCH	SEM I	SEM II	SEM III	SEM IV	SEM V	SEM VI	SEM VII	SEM VIII
CHEM	74	77	87	79	91	99	94	95
COMP	95	95	96	80	92	94	98	99
CIVIL	73	60	69	53	90	86	95	94
ETX	-	-	86	63	85	84	89	95
ENTC	98	92	94	92	94	94	91	95
MECH	81	82	83	62	83	89	97	96
SE	97	95	99	100	-	-	-	-
AIML	89	97	-	-	-	-	-	-
DS	99	94	-	-	-	-	-	-
IT	96	81	-	-	-	-	-	-
Overall	89	86	88	76	89	91	94	96

Central Library Report

20. Report of Central Library

The library is the “soul of Education” and a “Temple of knowledge.” A library plays a vital role in acquiring, organizing, and disseminating knowledge and information. MIT AOE Central library supports the teaching-learning program of the institute. The MITAOE Central Library serves as a knowledge resource center and maintains & updates various print and online resources. Central Library has multiple engineering, engineering sciences, humanities, and competitive and general reading resources. The library provides a user-friendly, friendly environment for students, faculty, and staff to pursue their academic and research endeavors.

The central library has the adequate and suitable infrastructure to meet students’ requirements; it has a centralized reading hall with 250 students. The total area of the library is 1491 Sq. M.

Central Library follows open access system that allows users direct access to the library collection.

Central library is open on all the days of the week throughout the year except for 03 National, Diwali & Holi holidays. On Monday to Friday opening timing are 08.30 am to 10.00 pm & on Saturdays, Sundays and other holidays, 09.00 am to 05.00 pm. Classrooms remain open at night during examination time.

Central Library issued 05 books from FY to TY; however, 07 books to Btech students for 15 days. We provide free book bank books to SC category students from FY to Btech students for one semester.

The central library has an extensive collection of printed books/e-books, reference books, datasheets, encyclopedias, book bank books, bound volumes, print / online resources, databases, CD-ROMs, and Video lectures to meet the academic, research, and information needs of the users. Central Library has also developed a Digital Library for its user; through the digital library, readers can access the syllabus, previous year question bank, final year Btech project report, and CD ROMs. Moreover, users can access the list of reading hall copies, including one copy of the syllabus, Reference books, general books, bound volumes, project report & CD ROMs. All these resources can be accessed through the intranet as well internet.

Central Library uses SLIM21, an integrated multi-user, multi-tasking library management software that supports all in-house operations. Besides that, we have barcode software also for generating barcodes.

Central Library added the following resources and services:

The library has a strong collection in terms of books and journals, with 49223 books, 136 print journals, 5645 CD's, 183 floppies, 1271 final year project CD's and 935 Bound volumes on various subjects. Central Library has subscribed online e-journals IEEE, Science Direct, e-books and DELNET databases.

Central Library has developed a digital library; through this library user can access Abstract of the articles of print journal, Old Question paper, CD-ROM, Project Reports, e-books related to the syllabus, general reading and Competitive exam books, etc. Apart from this, we have been downloading the web and video lectures from the NPTEL website.

The library maintains a separate reference collection consisting of encyclopedias, dictionaries, handbooks, data sheets, CD-ROMs, etc. Library has a collection of 03 major Encyclopedias.

- Encyclopedia Britannica
- McGraw Hill Encyclopedia of Science and Technology
- Encyclopedia of Chemical technology Krik – Othmer

Central Library provides 5 - 7 books for a period of 15 days to the students depending on the borrower category. Apart from this, library also provide 4-5 books, under the book bank scheme to Schedule Caste students for a period of one semester from FY to B.Tech. Student.

Central Library uses SLIM21 software, which is an integrated multi-user, multi-tasking library management software that supports all in-house operations. Besides that, we have barcode software also for generating barcode. The entire database of central library can now be accessed through WEB OPAC on the intranet as well as by its users on the internet anywhere anytime and on any device.

Central library offers a vast range of services like: Reference Service, Users Orientation Programs, Reading Hall copy service, overnight issue, Book Bank Books, New Arrivals, Paper Clipping facility, Accessing CD-ROMs, Resource Sharing with other libraries, Web OPAC, Book Reservation facility, Old question paper bank, Digital Library, Internet facility for searching database & online e-journals, information regarding Seminar, paper presentation, conference alert and reprographic service.

To provide optimal services to the reader, library has subscribed institutional membership of various other information centers in and around Pune like ARAI, DELNET, and Savitribai Phule Pune University.

Apart from the library services, library carry out some activities to increase the users interest towards library utilization.

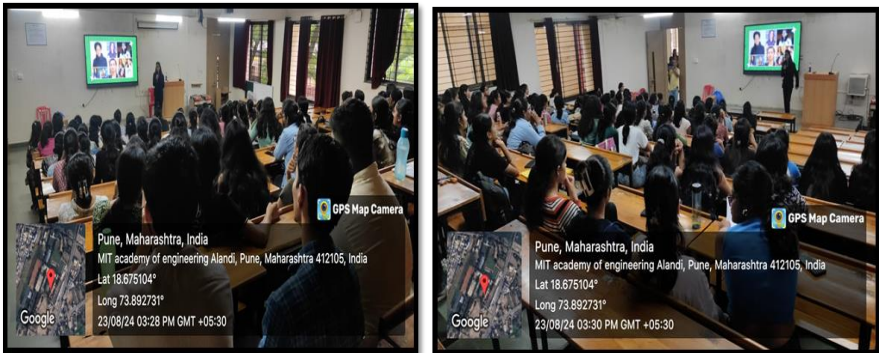
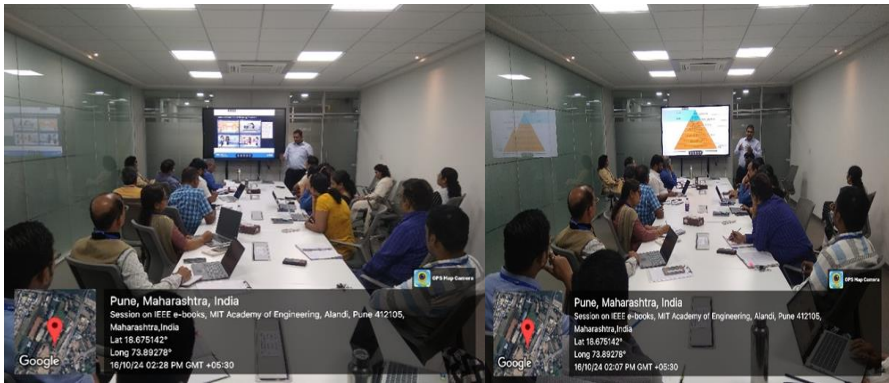
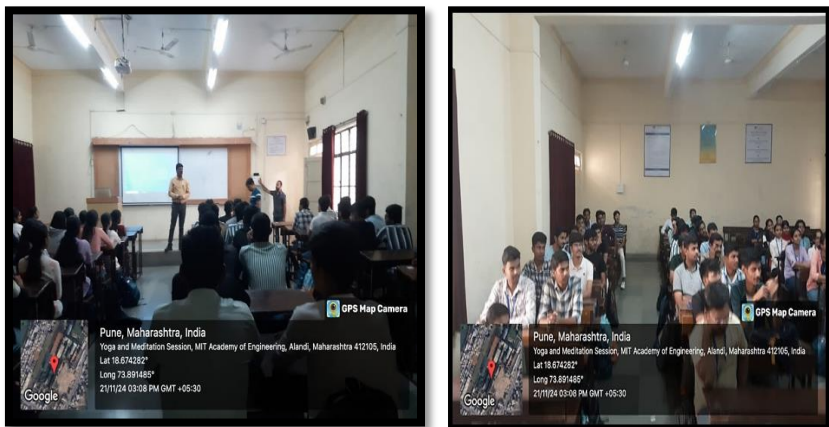
- Affix weekly top five active users list on the notice boards.
- Affix top 10 frequently required books list.
- Display guidelines, shelf list and information boards in the library for better accessibility of the library resources.

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- Conduct user orientation program for Central library services and NPTEL Awareness Program
- Affix quotes to motivate readers.
- SMS facility to congratulate top five students and to collect reserved books and also send reminder to defaulter student.
- Email Reminder Facility (Advance reminder, that day reminder, first reminder, second reminder and Third reminder) to its users to return the books on or before time to avoid overdue.
- Best Library User Award

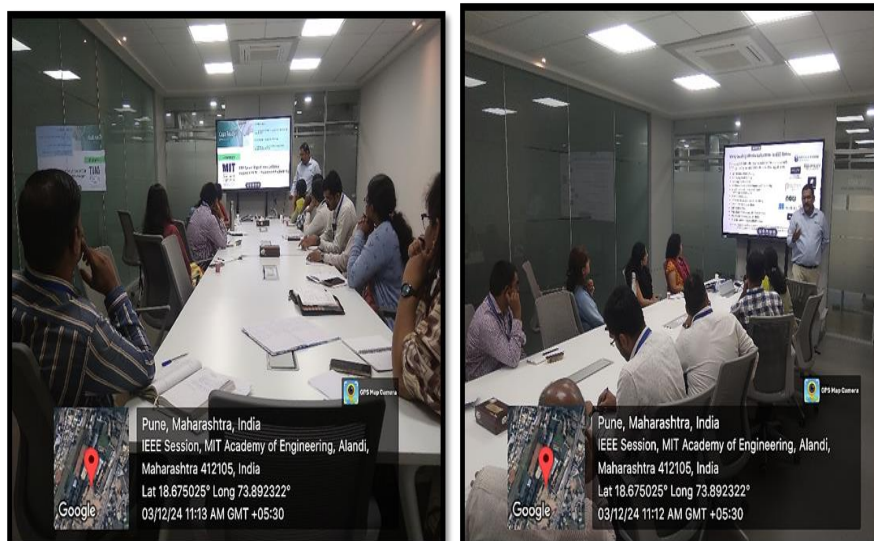
List of Events Organized by Central Library

S. No.	Event Name	Date of Event	Event Level
01	International Yoga Day Resource person Dr. Kundan Karkee 	21 June 2024	Inter - Institutional
02	Demo session on IEEE e-books Resource Person: Mr. Gaurav Date (Faculty) 	13 Aug 2024	Institutional
03	Seminar on Mental Health & Personality Development Resource Person: Mrs. Priyanka Huske	23 Aug 2024	Institutional

			
04	Session on IEEE e-books Resource Person: Mr. Akshay Giri (IDC member and Library Committee members) 	16 Oct 2024	Institutional
05	Two days Session on Mediation for the First Year Students Resource Person : Mr. Raghu Vedap and Mr. Sachin Patole 	21 & 22 Nov 2024	Institutional
06	Session on NPTEL Awareness workshop Resource Person : Prof. Shib Sankar Das, IIT Madras, Ms. Bharati Sakpal & Ms. Nisha Thakur from IIT Bombay	29 Nov 2024	National



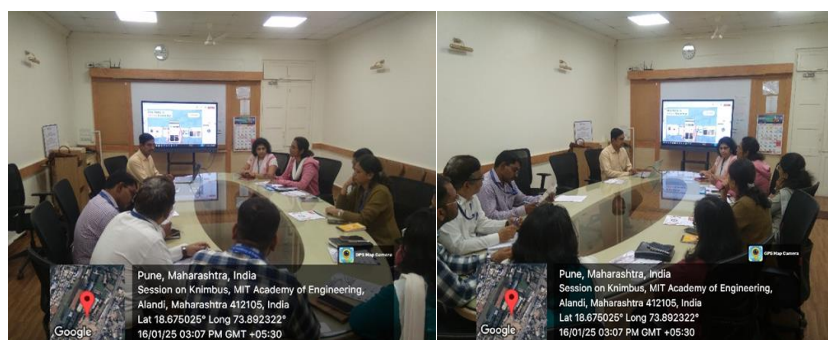
Session on IEEE e-books
Resource Person: Mr. Akshay Giri (Heads and Library Committee members)



03 Dec
2024

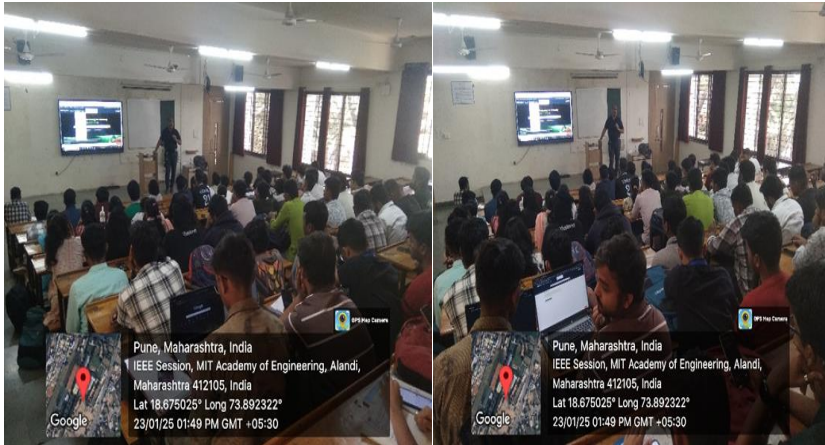
Institutional

Session on Knimbus 4.0 : An advanced e-Library and Knowledge Management Platform
Resource Person: Mr. Sandeep Wadekar



16 Jan
2025

Institutional

09	IEEE Awareness Session for SY, TY and B Tech Students Resource person Mr. Gurav Date Training Manger EBSCO 	23 Jan 2025	Institutional
10	Session on Knimbus 4.0 : An advanced e-Library and Knowledge Management Platform (IDC members) Resource Person: Mr. Vijay Kumar Kannan and Mr. Sandeep Wadekar 	29 Jan 2025	Institutional
11	Session on Open Access Publishing: Opportunities and Challenges. Resource Person : Dr. Sunita Barve, NCL Pashan Pune	03 Feb 2025	Inter – Institutional

			
12	Session on Trends in Library Technology and Digital Transformation Resource Person : Dr. Sangita Paliwal, BITS Pilani Mumbai 	04 Feb 2025	Inter – Institutional
13	Session on Library Marketing and User Engagement Strategies Resource Person : Dr. Ajit Sonawane, Librarian, Wadia College Pune 	05 Feb 2025	Inter – Institutional

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14	Session on Information Literacy: Empowering Library Users Resource Person : Dr. Meenal Oak, Librarian, IMCC College 	06 Feb 2025	Inter – Institutional
15	Session on Sustainable Library Practices and Green Initiatives Resource Person : Dr. Shantashree Sengupta, HOD Library Science, Pune 	07 Feb 2025	Inter – Institutional

Co-curricular and extra-curricular activities

21. Co-curricular and extra- curricular activitie

➤ Village- Pimpalgaon, Tal-Khed from 4th Jan to 10th Jan 2025

A seven days residential Special Camp was organized by the college at village Pimpalgaon, Tal. Khed, Dist. Pune, from 4th Jan to 10th Jan 2025. Total 50 volunteers participated in this camp. The camp was organized with dual purpose of village development and personality development of the volunteers. Like every year, this year's camp also achieved appreciations from villagers and specially from the Gram Sevak and the Sarpanch, Gram panchayat Pimpalgaon.

The salient Features of the camp are as follows:

1. General survey of the village.
2. Water arresting project
3. Lectures of the eminent personalities conducted:
4. Government schemes awareness/new voter registration
5. Awareness about cleanliness

On 5th Jan 2025, Mr Vinayak Bhosle delivered a lecture on the significance of social work and responsibility of youth

On 6th Jan 2025, "Share your most embarrassing moment of life", an activity conducted for students with the intention to allow them to open up embrace creative thinking and present most embarrassing thing in funny ways to others.

On 7th Jan 2025 Dr. Mahesh Gaudar, Director MIT Academy of Engineering, Alandi guided the volunteers on the holistic development

On 8th Jan 2025, The students performed the Skit with the purpose to overcome stage fear, improve confidence, build cooperating among the groups.

On 9th Jan 2025, Cultural program was organized where the villagers were also invited, the volunteers performed dance, skits, poetries and songs.

On 10th Jan 2025, valedictory function was organized, Sarpanch of the village gave the speech to the volunteers about the hard work they have done Prof Hussain Shaikh, Prof Dilip Panchal NSS Program Officers MIT Alandi (D) were present for the program.

1. Village cleaning pregame, cleaning of Temple, cleaning of samaj mandir, School cleaning programs, and repairing of the surrounding school programs were conducted during the camp. The villagers were so happy with the activity that some of them came to the volunteers and appreciated the work. This was a real encouragement and the credit goes to the sincere work of NSS volunteers only.

2. Basic infrastructure development activities were conducted at the Primary School of the village.
3. Informal talks with the villagers carried out to collect the Historical, Geographical & Socio-Cultural information of the village.



- MITAOE NSS volunteers actively participated in the Ashadhi Wari pilgrimage from June 27-29, assisting pilgrims and maintaining cleanliness. In collaboration with Alandi Nagar Parishad, they carried out road-cleaning activities, addressing waste accumulation due to restricted vehicle access. Volunteers also distributed food and water to pilgrims and supported government staff by packing and delivering tiffins. Their efforts were recognized under the "Nirmal Wari Upakram" as "Nirmal Sevak". This initiative showcased their dedication to community service, teamwork, and commitment to public welfare.



- **International Yoga Day** for MIT AOE Staff, Faculty and Students celebrated International Yoga Day on 21 June 2025.
- 5th Sept 2024 Teacher's Day Celebration in our college on 5th September with great enthusiasm. The event was organized by the MESA I under the guidance of faculty members. Students presented a variety of cultural programs including dances, songs, and poetry. Fun activities and games were organized to engage and entertain the faculty. The event created a platform to express gratitude to the mentors and educators. The celebration strengthened the bond between students and teachers.
- 11th Oct 2024 Garba Event On the occasion of Navratri the MESA organized a vibrant Garba event on campus, filled with music, dance, and colorful attire. Students and faculty enthusiastically participated, celebrating the festive spirit of Navratri. The event fostered cultural unity and joyful memories for all attendees.
- 15th Nov 2024 Mat -Jagruti for voting awareness MESA organized a "Mat Jagruti" campaign to spread awareness about voting. Students performed impactful skits at various locations, highlighting the importance of voting. The initiative effectively engaged the public and encouraged youth participation in the democratic process.
- **March 2025** Rotaract Club of MITAOE has officially secured a place in the India Book of Records for the maximum number of eye donation pledges under Project Drishti.
- 19th NOV Our college hosted **SOFE – Speak Out for Engineers**, a national-level competition encouraging technical communication. Participants presented engineering topics with clarity and confidence. The event enhanced public speaking skills and inspired knowledge-sharing among future engineering professionals.
- 18th Jan 2025 MESA, in collaboration with Autodesk, organized **CAD WaR 2025**, a design competition showcasing innovative CAD skills. Students from various departments participated with creative models. The event encouraged technical excellence and promoted industry-level design thinking among budding engineers.
- 23rd Jan 2025 An exhibition on **Indian Knowledge System (IKS)** and **Netaji Subhash Chandra Bose** was organized to highlight India's rich heritage and patriotism. The event showcased historical facts, posters, and models, inspiring students with Netaji's legacy and ancient Indian wisdom.
- 17th Feb 2025 A technical session on **Structural and Crashworthiness Analysis Using LS-DYNA** was conducted, focusing on real-world crash simulations. Expert demonstrated advanced modeling techniques, helping students understand vehicle safety, material behavior, and simulation accuracy using LS-DYNA software.
- Awareness session for all SC category students of the MITAOE on 28/01/2025.
- 27/08/2024 and 26/08/2024 "GATE Awareness Session" of all student.

Faculty & Staff Achievements and Recognitions

22. Faculty & Staff Achievements and Recognitions

1. **Dr. Sneha Pokharkar** has successfully completed the Post Graduate Diploma in Management through Distance Learning from MIT School of Distance Education.
2. **Dr. Sudhir Gandhi**, Assistant Professor, School of Chemical Engineering, secured an industry consultancy project worth ₹90,000 for the design of a distillation column for a multicomponent system.
3. **Mrs. Shraddha Shende**, Assistant Professor, School of Chemical Engineering, won Second Prize in the Paper Presentation under the “Wastewater Treatment” category at the *International Conference on Trends in Energy & Environmental Research for Sustainable Development-II (TEERSD-II)* held on 12–13 November 2024.



4. **Dr. Arnab Mandal**, Assistant Professor, School of Chemical Engineering, earned a Silver Medal with 83% marks in the SWAYAM-NPTEL course “Accreditation and Outcome-Based Learning” (August–November 2024).
5. **Prof. Shilpa Rudrawar**, **Dr. Vrushali Waghmare**, and **Dr. Sneha Pokharkar** received Certificates of Appreciation for their exceptional contributions to the *Anuvadini-Ministry of Skill Development & Entrepreneurship NIMI Book Project*.
6. **Prof. Aswathy M.A.** was honored with the *Impact Innovator Award* under the Innovation Awards category at the *Future Tech Summit 2024*, held at the AI Research Centre, Woxsen University, Hyderabad.
7. **Dr. Sandeep P. Shewale**, Dean, School of Chemical Engineering, has been recognized as a Ph.D. Research Guide in Chemical Engineering at Vishwakarma Institute of Technology, Pune.
8. **Dr. S.S. Shende** completed her Ph.D. from the Institute of Chemical Technology (ICT), Mumbai, and was awarded the doctoral degree, marking a significant academic achievement."
9. **Mr. Vijay Pingale** has completed his Ph.D. coursework with an impressive CGPA of 9.0.

10. **Mr. Sudesh Powar** received prestigious recognitions including the *Star Translation Certificate*. Additionally, MIT Academy of Engineering was awarded an “A” grade and ranked 120th among 6000 Local Chapters across India.
11. **Dr. M. M. Charde, Dr. R. K. Shastri, and Mrs. N. B. Chaudhari** were recognized as Postgraduate Teachers by SPPU on 21 January 2025.
12. **Dr. P. R. Hatte** was recognized as a Research Supervisor by SPPU on 21 January 2025.
13. **Dr. Ashish Mulajkar** was appointed as a Reviewer and Editorial Board Member for the SCOPUS-indexed *International Journal of Advanced Technology and Engineering Exploration* (ISSN: 2394-5443) in March 2024.
14. **Mr. Ashitosh Chavan**, School of E&TC, served as a resource person and delivered a technical talk on “*IoT and Ubiquitous Computing for Emerging Technical Applications*” at Army Institute of Technology, Pune on 25 April 2024.
15. **Ms. Saylee Bidwai** delivered a guest session on “*Intellectual Property Rights (IPRs) and IP Management for Start-ups*” at JSPM Rajarshi Shahu College of Engineering, Pune on 30 April 2024.
16. **Dr. Smita Kulkarni** conducted a session on “*Practical Applications of IoT with Ubiquitous Computing*” during a two-week Faculty Development Programme at Army Institute of Technology, Pune on 25 April 2024.
17. **Dr. Vipin Yadav**’s research paper titled “*Automatic Classification Framework for Neonatal Seizure Using Wavelet Scattering Transform and Nearest Component Analysis*” was accepted for publication in the *IRBM Journal* (SCI, Q1, Impact Factor: 4.8) in June 2024.
18. **Dr. Smita Kulkarni** was selected for a Faculty Exchange Program to teach a course in AI and ML at the University of Maria Auxiliadora (UMA), Peru, in September 2024.
19. **Dr. Usha Verma, Dr. Kalpana Pawase, and Dr. Sneha Pokharkar** were selected for the AICTE-QIP-PG Certificate Programme on *High Performance Computing*, organized by COEP Technological University and C-DAC, Pune (1 July – 31 December 2024).
20. **Dr. Vrushali Waghmare** was selected for the AICTE-QIP-PG Certificate Programme on *Emerging Areas of Machine Learning*, organized by IIIT Surat (30 June – 31 December 2024).
21. **Mr. Sagar Mushan**, Assistant Professor, earned distinction in the IUCEE International Educator Certification Program and published research in the *LJGE-International Journal of Green Energy* in February 2024.
22. **Dr. P. P. Kothmire**’s research was accepted for publication in *Industrial & Engineering Chemistry Research (IECR)* by the American Chemical Society (Impact Factor: 4.2).
23. **Dr. Dipti Sakhare and Dr. Usha Verma** were selected for the *ICTIEE 2024 Teaching and Learning Award* by IUCEE.
24. **Dr. Ashish Itollikar** secured First Place in Oral Presentation for his work on *Dielectric Spectral Analysis for Fruit Juice at Microwave Frequencies Using TDR* at the *5th International Conference on Recent Advances in Fundamental and Applied Sciences (RAFAS-2024)* held at Lovely Professional University, Punjab (19–20 April 2024).
25. **Mr. N. S. Rashinkar** was felicitated by the Grampanchayat Chanda (Taluka: Newasa, District: Ahmednagar) for his exceptional contribution to water and tree conservation at the village level during June 2023 to May 2024.
26. **Dr. Prafull Hatte** was shortlisted by *TradeFlock Magazine* for the prestigious title of *Best Education Leaders in India 2024*.
27. **Dr. S. V. Taralkar**, School of Chemical Engineering, received a Certificate of Appreciation for *Valuable and Exemplary Contributions in the Education Sector* at the *New Normal Education Leadership Summit & Awards* held at Radisson Blu Hotel, Pune. He was also selected for the *ICTIEE 2024 Teaching and Learning Award* by IUCEE.

28. **Dr. Usha Verma**, Head, CELT, was honored with the *Leadership of Teaching and Learning Center Award* on 4th January 2024 during the 11th *International Conference on Transformations in Engineering Education* at KLE Technological University, Hubli.
29. **Dr. Dipti Sakhare**, School of E&TC Engineering, received the *ICTIEE 2024 Teaching and Learning Award* organized by IUCEE in collaboration with KLETU, Hubballi.
30. **Dr. Rashmi Mahajan**, **Dr. Dipti Sakhare**, and **Dr. Sneha Pokharkar**, School of E&TC Engineering, submitted a research proposal to SERB titled "*Proposal, Analysis of TFET Architecture for Performance Enhancement of Associated Circuit Applications*" in February 2024.
31. **Dr. Sneha Pokharkar** and **Dr. Dipti Sakhare**, School of E&TC Engineering, submitted a research proposal to SERB titled "*Performance Enhancement of Energy Harvester for Low Power Wireless Devices in Artificial Light*" in February 2024.
32. **Mr. Sandeep Shirvale**, Assistant Professor, Computer Engineering, participated in the *AICTE Eduskills National Level NextGen Conclave* and received the *Best Centre of Excellence Coordinator Award*. Through EduSkills, over 1,000 MIT AOE students have earned certifications across various technical domains.
33. **Mr. Bhaskar Wabhitkar**, School of Civil Engineering, secured funding of ₹2,52,000 under the prestigious *ASPIRE Research Mentorship Scheme* from SPPU.
34. **Mr. Nilesh Baglekar**, School of Civil Engineering, received the *Best Case Study Presentation Award* for "*Innovation Assessment using ICT Tools*" at the *Faculty Conclave – Assessment and Evaluation Track* on 2nd December 2024.
35. **Mr. Bhaskar Wabhitkar** and **Mr. Sitaram Suryavanshi**, School of Civil Engineering, successfully completed AICTE-QIP-PG Certification Programmes on *Machine Learning* (IIIT Surat) and *Internet of Things* (IIT Jammu), respectively, from June to December 2024.
36. **Mr. Khushal Kanade**, Assistant Professor, School of Civil Engineering, won First Prize and Best Paper Award in the "*Land & Climate Change on Disasters*" section at the *National Conference on Water & Climate*, VIT Chennai, April 2024.
37. **Dr. Swapnil Patare** and **Mr. Vijay Pingale**, School of Civil Engineering, published a paper titled "*Structural Analysis & Optimization of Trussed Roof Steel Structures for Enhanced Safety – A Comparative Study*" in *Springer Nature AG 2024, ICAMMS 2024*.
38. **Ms. Shalaka Hire**, School of Civil Engineering, completed a 4-week NPTEL Online Certification Course on "*Teaching and Learning in General Programs: TALG*" with a score of 73%.
39. **Dr. Muniappan**, School of Civil Engineering, completed a DGCA-approved *Remote Pilot Training Course* from Garuda Aerospace Pvt. Ltd., Chennai.
40. **Mr. Sitaram Suryavanshi**, **Mr. Bhaskar Wabhitkar**, and **Dr. V. V. Muthekar**, School of Civil Engineering, contributed as members of the *MITAOE STAR Local NPTEL Translator Team*.
41. **Dr. Vijay Muthekar**, School of Civil Engineering, was recognized as a *Certified Entrepreneurship Educator* by the Wadhwani Foundation on 20th February 2025 and invited as a Resource Person at the *IGS-SPPU Workshop on Geotechnical Engineering for Sustainable Environment* on 18th January 2025.
42. **Dr. Prafull Hatte** received the *Outstanding Leadership in Institutional Branding and Communications Award* at the *Higher Education Innovation and Technology Summit*, hosted by Plus Nine-One Media at Hotel Sheraton, Mumbai on 15th May 2025.
43. **Mr. Vivek Magar**, Faculty of FD & CD, won First Prize in the *Cartoon Design Competition* organized by *Bolkya Resha*, Pune.
44. **Dr. Rahul B. Adhao** was honored for evaluating projects at *DIPEX-25*, a state-level exhibition and competition held from 3rd to 6th April 2025 at COEP Technological University, Pune.
45. **Ms. Nandini Phulpagar** presented a paper on "*Gyan, Vigyan and Pragyan in IKS: A Yogic and Meditative Perspective*" at the *National Conference on NEP-2020 and Indian Education System*,

organized by RFNS Shikshan Shastra Mahila Mahavidyalaya, Nandurbar, affiliated to SNDT Women's University, Mumbai on 7th April 2025.

46. **Mr. V. N. Deshmukh** received appreciation from *ISHRAE Pune Chapter* for his contributions to innovation and excellence in HVAC & R.
47. **Mr. Krunal Pawar** was recognized as a *Certified Entrepreneurship Educator* by the Wadhvani Foundation.
48. **Dr. S. V. Taralkar** received a Certificate of Appreciation for *Valuable and Exemplary Contribution in the Education Sector* at the *Digital Bharat Education Conclave 2025* held on 31st January at Holiday Inn Mumbai International Airport.



49. **Mr. Sudesh Powar** received the *Star Translation Certificate*, and MIT Academy of Engineering was awarded an "A" grade and ranked 120th among 6000 Local Chapters across India.
50. **Dr. M. M. Charde, Dr. R. K. Shastri, and Mrs. N. B. Chaudhari** were recognized as Postgraduate Teachers by SPPU on 21st January 2025.
51. **Dr. P. R. Hatte** was recognized as a Research Supervisor by SPPU on 21st January 2025.
52. **Mr. Vivek Magar**, Faculty of FD & CD, won First Prize in the *Cartoon Design Competition* organized by *Bolkya Resha*, Pune.
53. **Mr. Sandeep Shirwale**, Assistant Professor, was commended for his excellent contribution as Coordinator in the *AICTE ATAL-EduSkills Faculty Development Program* held from 19th to 24th August 2024.
54. **Dr. Sandeep Pande**, Senior Assistant Professor, received the *ERDA Excellence Award 2024 for Research* at the *ERDA Global Summit & Awards 2024* held at Christ University, Delhi NCR on 13th December 2024.
55. **Dr. DipTEE Gusse**, Assistant Professor, was honored as a *Visiting Professor* by Universidad María Auxiliadora for her outstanding contributions during her academic stay from 30th August to 27th September 2024. She was also awarded a Ph.D. from VIT Bhopal on 8th November 2024.
56. **Dr. Chetana Nemade**, Assistant Professor, was awarded a Ph.D. for her research titled "*Analysis and Optimized Secured Traffic Management System for Emergency Vehicles Using IoT*" from Dr. Vishwanath Karad MIT World Peace University.
57. **Dr. V. C. Wangikar** guided the student project "*Traffic Buddy*", developed for PCMC Traffic Police by students Shripad and Yash from MIT Academy of Engineering. The project was felicitated by Hon. Shri Devendra Fadnavis, Chief Minister of Maharashtra.
58. **Dr. Sudhir Gandhi** has received funding of ₹2,50,000 from Savitribai Phule Pune University (SPPU) under the ASPIRE scheme for his project titled "**Ultrasonic Intensification of the Benzene Alkylation Process Using Ionic Liquid Catalyst.**"
59. **Dr. Shraddha Shende** has received funding of ₹2,52,000 from Savitribai Phule Pune University (SPPU) under the ASPIRE scheme for her project titled "**Removal of Organic Pollutant from**

Wastewater (Food Industry) through Novel Techniques like Photo Catalytic and Photo Ozonation Method”.

60. **Ms. Mamta Sardare** has received funding of ₹2,68,000 from Savitribai Phule Pune University (SPPU) under the ASPIRE scheme for her project titled “Discovery of Novel Green Bio-solvent for Enhanced CO₂ Capture”.
 61. **Mr. V. A. Tarange** secured 79% marks with Elite + Silver certification for the SWAYAM NPTEL Course on “**Basics in Inorganic Chemistry,**” conducted by IIT Mumbai from January to February 2025.
 62. **Dr. V. D. Pakhale** completed his Ph.D. from the Institute of Chemical Technology (ICT), Mumbai, and was awarded the doctoral degree, marking a significant academic achievement."
 63. **Dr. Sudhir Gandhi and Dr. Abhijeet D. Patil** published a research paper entitled “**Intensification of biogas production from rice straw using anaerobic digestion based on pre-treatment with ultrasound**” in the Canadian Journal of Chemical Engineering. Publisher Wiley, Indexing **SCOPUS/SCI**.
 64. **Dr. P. N. Sutar** published a research paper entitled “Experimental Study and Kinetic Modeling of Aniline Polymerization” in the Russian Journal of Physical Chemistry B. Publisher Springer, Indexing **SCOPUS/SCI**
 65. **Dr. P. N. Sutar and Dr. M. P. Patil** published a Book Chapter entitled “Novelty in the development of separation processes”. Publisher Elsevier, Indexing **SCOPUS**.
 66. **Dr. S P Shewale, Dr. A D Patil, and Dr. M P Patil** published a Book Chapter entitled “Large-scale production separation process,” Publisher Elsevier, Indexing **SCOPUS**.
 67. **Dr. Suyogkumar Vijay Taralkar** published a Patent entitled “Method for Determining the Hygienic Status of Market Milk and Testing of Adulterants in Milk” **Application No.202421033155, Publication Date: 14-03-2025**
 68. **Dr. Shraddha Swapnil Shende** published a Patent entitled “A Method for Producing Nano-Fertilizer Using Organic Materials and a Nano-Fertilizer Produced Thereof” **Application No. 202421033164 Publication Date: 04-04-2025.**
- Dr. S. V. Taralkar received a certificate “National Level Awareness Program on Institutional Development Plan (IDP) for Higher Education Institutions” held on 6th March, 2025.



- Dr. Vijay Muthekar, Member-IQAC, IQAC, MIT Academy of Engineering has participated in the “National Level Awareness Program on Institutional Development Plan (IDP) for Higher Education Institutions” held on 6th March, 2025.



- **Dr. Suyogkumar V. Taralkar** – Associate Professor and Dean QA elected as Chairman of Indian Institute of Chemical Engineers Pune Regional Centre (IICChE-PRC) for two years (2023-25).



Student Achievements and Recognitions

1. **ROBOTEX Tech Event – National Drone Racing Competition**
 - a. Mr. Kaushal Bodade (Mechanical Engineering) secured **First Prize** of ₹50,000.
 - b. Mr. Mihir Fulari (ENTC) secured **Second Prize** of ₹25,000.
 - c. Event held on **10th–11th August 2024** at **MIT ADT University, Pune**, under the mentorship of **Mr. R. K. Patil**.
2. **Robotex India & Robotex International Event**
 - a. Final Year ETX students **Abhishek Patil** and **Kaushik Chaudhari** won **Third Rank** with a cash prize of ₹12,000.
 - b. Organized by **MIT ADT University, Pune** on **10th–11th August 2024**.
3. **SAE ISS Drone Development Challenge 2024 – Chennai (31st August 2024)**
 - a. MITAOE Drone Team achieved:
 - i. **2nd Rank** in Best Presentation (Regular Class)
 - ii. **2nd Rank** in Best Design Report (Micro Class)
4. **HackEra Hackathon – Sanjay Ghodawat University**
 - a. **Kartikey Sapkal** (Third Year Computer Engineering) secured **2nd Rank** and won ₹35,000.
 - b. MITAOE Drone Team also secured **1st and 2nd Rank** at the Drone Event held at **AISSMS COE** on **26th–27th September 2024**, guided by **Dr. Subrata Bhowmik**.
5. **Indian Kart Racing Championship – ISIE INDIA (Delhi)**
 - a. **Team NIYUDRATH KARTING** introduced their EV and achieved:
 - i. **All India Rank 2 Overall**
 - ii. **AIR 1 in Business Plan & Endurance**
 - iii. **AIR 2 in Cross Pad**
 - iv. **AIR 3 in Acceleration**
 - v. **Future Award Winner**
 - b. Mentored by **Mr. B. R. Patil** and **Dr. S. B. Patil**.
6. **Mindspark 24 – COEP, Pune**

MITAOE Drone Club secured **1st and 2nd Rank**, winning ₹25,000 and two trophies.

- i. **Team 1st Rank:** Kaushal Bodade (SY ENTC), Satyam Bankar (TY ETX), Anush Asekar (SY CS)
- ii. **Team 2nd Rank:** Mihir Fulari (BTech ENTC), Avishkar Rakhunde (BTech Mech), Kunal Warkhede (SY Mech)

7. SCHEMCON 2024 – Poster Presentation

Mr. Atharv Veerkar (SY Chemical Engineering) Won the First Prize in the SCHEMCON 24 National Level Paper and Poster competition organized by Rajiv Gandhi Institute of Petroleum Technology, Raibareli, UP, during 20-21 September 2024.

8. AVISHKAR Research Competition 2024–25 – Zonal Selection

- a. **Group 1 (Agriculture & Animal Husbandry)**
 - i. Title: *Production of Nano-fertilizer using Organic Material*
 - ii. Students: Chetan Garde, Sushil Pawar (TY B.Tech)
 - iii. Mentor: Mrs. Shraddha Shende
- b. **Group 2 (Pure Sciences)**
 - i. Title: *Removal of Contaminants and Hydrogen Generation using Electro-Coagulation*
 - ii. Students: Ashraf Shaikh, Vaishnavi Nikam (TY B.Tech)
 - iii. Mentor: Dr. Kunjan Junghare

9. Pune District Level Youth Festival 2024–25

Akshada Sonawne (FY BTech ENTC) won **Third Prize** in:

- i. Elocution: *विकास भी विरासत भी*
- ii. Poem Writing: *Development in Science and Technology and its Effect on Mankind*

10. Smart India Hackathon 2024 – 11th–12th December 2024

Teams **Parikshit**, **Pravaah**, and **Arambh_99** from School of E&TC Engineering each won **First Prize of ₹1,00,000**.

11. 36th Senior National Korfball Championship – Jalandhar, Punjab

Mr. Tejas Misal (TY Mechanical Engineering) selected to participate from **30th Jan to 2nd Feb 2025**.

12. Aerotrix Drone Race – DY Patil College of Engineering, Akurdi

- a. All three MITAOE teams qualified for finals.
- b. **Team Phoenix**, led by **Kaushal Bodade**, secured **1st Rank**.

13. IBM Skills Build Maharashtra State Hackathon Showcase 2025

Hanumant Kakde and **Viraj Mandalik** (TY Computer) presented *Sentify* and secured **4th Prize** on 31st January 2025.

14. Wings 2024 – Dronix Event

Mihir Phulari (MITAOE Drone Team) won **First Prize** at **Government College of Engineering, Chhatrapati Sambhajinagar** (19th–21st January 2024).

15. Innovision 2024 – Drone Race Competition

Kaushik Choudhari and **Abhishek Patil** (ETX) won **First Prize** at **JSPM's Rajarshi Shahu College of Engineering, Pune** (20th–21st March 2024).

16. Higher Education Achievements

- a. Students admitted to prestigious institutions including **IIT Kharagpur** and **Massachusetts Institute of Technology (MIT)**.
- b. **10 students** successfully cleared **GATE 2024**.

17. SPPU Chess Zonal Team Selection

- a. **Sanchita Patil** and **Harshini Bhandary** selected for the Girls Team (Ranked 5th).
- b. Boys Team secured **Third Prize** among **69 participating colleges**.

18. Technodium 24 – National Level Competition

Vaibhav Kawade (TY BTech ENTC) won **Winner's Title** for Hardware End-to-End Project Model Design at **MITAOE** on **4th March 2024**.

19. SHODH 2024 – Project Presentation Competition

Simran Madhu Mondal, **Tejas Dharmendra Jadhav**, and **Sahil Sambhaji Bhor** (TY B.Tech Chemical Engineering) won **First Prize** with ₹10,000 at **Gharda Institute of Technology, Ratnagiri** (1st–2nd April 2024).

20. **MITAero Club – SAEINDIA National Level Competition**
Secured **All India Rank 2** in Finite Element Analysis on **30th March 2024** at **SAE India, Chennai**, under the guidance of **Mr. Sudesh Powar**.
21. **Phoenix Team** of MIT Drone Club won the **CAM WARRIORS Drone Race Championship**, securing **1st Rank** and a **cash prize of ₹25,000**, along with a trophy.
 - a. Event held on **29th March 2025** at **PCCOE, Ravet, Pune**.
 - b. **Technical Collaborator**: DIAT DRDO.
22. At **INOVISION – National Level Techno-Social Symposium** organized by JSPM's Rajarshi Shahu College of Engineering, Tathawade (20th–21st March 2024), MIT Drone Club secured:
 - a. **2nd and 3rd Prizes**
 - b. Team Members: Mihir Fulari (Pilot, TY BTech ENTC), Avishkar Rakhunde (Technical, TY BTech), Kaushal Bodade (Pilot), Sandesh Gome, Satyam Bankar, Sudhanshu Udbale.
23. At **PERSUIT'24 – National Drone Racing Event** held at Shri Sant Gajanan Maharaj College of Engineering, Shegaon (9th March 2024), **Phoenix Team** secured **1st and 3rd Prizes**.
24. **Pratikurti 2025 – National Level Project Competition**
 - a. Team: Nayna Mahajan, Sainath Karewad, Anant Lakhe, Aishwarya Sarode
 - b. Secured **1st Prize** and **₹25,000 cash award**
 - c. Organized by **Yeshwantrao Chavan College of Engineering, Nagpur** on **25th February 2025**.
25. **National Conference on Water & Climate – VIT Chennai (23rd–24th April 2024)**
 - a. Team: Sandeep Sakunde, Vedant Sontakke, Yash Sangale
 - b. Won **Best Paper Award** in “Land & Climate Change on Disasters” section
 - c. Paper Title: *Analysing Water Quality in Rural Areas: A Case Study of Dhanore and Nirgudi Villages*
26. **AISSMS Volleyball Tournament**
 - a. Players: Gajanan Bimrot, Sarthak Chavan
 - b. Represented MITAOE and secured **1st Runner-Up Position**
27. **AVISHKAR Research Competition 2024–25 – Zonal Selection**
 - a. Category: Engineering & Technology
 - b. Project Title: *Fostering Sustainability: Pioneering Greywater Solution for Rural Empowerment*
 - c. Students: Shubham Tiwari, Yash Sangale, Abhijeet Athawale, Sarthak Chavan, Amogh Bedmutha
 - d. Faculty Mentor: Mr. Khushal Kanade
28. **Golden Jubilee Debate Competition – Ness Wadia College of Commerce (18th January 2025)**
Nayna Mahajan secured **1st Prize**
29. **Cultural Contributions**
 - a. **Sahil Panchal** played **seven musical instruments** in the Music Department
 - b. **Yasmeen Fatima** contributed to the **management team of “Firodiya Karandak”**
30. **Aspen HYSYS Global Certification**
 - a. Certified Students: Tejas Jadhav, Anand Nair, Faizan Shaikh, Aman Shaikh, Sanika Chandankhede, Gaurab Dhabarde
 - b. Certification by **AspenTech University, USA**
31. **Eureka 2K25 – National Level Paper Presentation (Warnanagar)**
 - a. **1st Prize**: Chetan Garde, Sushil Pawar
 - b. **2nd Prize**: Palak Chandrikapure, Parthmesh M. Kumbhar
32. **Sankalp-1.0 – SGGS Nanded**
 - a. **1st Prize**: Ashraf Shaikh
 - b. **Project**: *Removal of Arsenic Using Solar-Powered Electrocoagulation System*
 - c. Team: Ashraf Shaikh, Sumiran Tiwari, Jaydeep Sonawane – **₹5,000 cash prize**
33. **Syntrophy – International Conference (MIT WPU)**
3rd Position: Chaitanya Bayaji Gherade – **\$40 cash prize**
34. **Sankalp – SGGS Nanded**
 - a. **2nd Prize**: Chaitanya Bayaji Gherade & Manda Parave – *Organic Solvent Nanofiltration* – **₹3,000 cash prize**
 - b. **Distinction Prize**: Abhishikt Rode, Parth Deshmukh, Rohit Nalavade

35. **CHEM-TECHNOVA 2025 – 3rd International Conference (HBTU Kanpur)**
 - a. **3rd Prize in Oral & Poster Presentation**
 - b. Team: Tanuja R. Masekar, Sakshi A. Dhumal, Yukti K. Wagare
 - c. Collaboration with **Dalhousie University, Canada**
36. **Placement Achievement**
 - a. **Prathmesh Yeotikar** placed at **Sizutetsu Justline (Japan)** with a package of **₹14.73 LPA + allowances**
 - b. Selected through an **All India Drive** held in Noida; only **3 students from Maharashtra** selected.
37. **Placement Achievement**
Lokesh Dagra placed at **Yoshino Motors**
38. **Technodium 25 – Hardware End-to-End Project Competition (MITAOE)**
 - a. **2nd Runner-Up Prize:** Krushna Thorat (SY BTech)
 - b. Guided by **Dr. Aniket Gundecha**
39. **UNO Minda Ltd. – Technical Sponsorship**
 - a. Two projects from TY BTech and one from Final Year BTech received sponsorship in **Electric Vehicle domain**
 - b. Mentors: Dr. Aniket Gundecha and Prof. Vaishali Katkar
40. **Datathon 2025 – National Level Technical Event (MITAOE)**
 - a. **First Prize:** Shrutika Dhonge, Omkar Sakhare, Anushka Ghule, Satish Swami
 - b. Held from **24th March to 10th April 2025**
41. **Dynamic Hackathon 2025 – Innovating Safety Solutions for Crane Operations**
 - a. **1st Runner-Up:** Prathamesh Shinde (SY E&TC)
 - b. Guided by **Dr. Usha Verma**
 - c. **Cash Prize:** ₹75,000 (Individual Category)
42. **Aero Club – SEA DDC, Chennai**
 - a. **Team Blitzkrieg** secured **All India Rank 1** in the *Best Technical Presentation* category.
 - b. **Team Ashwamedh** secured **All India Rank 3** in the *Best Technical Report* category.
43. **Drone Club – WINOS-25, Government College of Engineering, Aurangabad**
Secured **1st and 2nd Prizes** with cash awards of ₹20,000 and ₹15,000 respectively.
44. **Drone Club – Aerotrix Drone Race, DY Patil College of Engineering, Akurdi**
 - a. All three participating teams qualified for the semi-finals.
 - b. **Team Phoenix**, led by **Kaushal Bodade**, secured **1st Rank** in the finals.
45. **PRAKALP 2025 – 20th National Chemical Engineering Conference (MITAOE, Pune)**
Samruddhi Bhujbal and **Snehal Bankar** secured **First Prize** in the project competition (21st–22nd March 2025).
46. **GATE 2025 Qualification:** **Mr. Faizan Shaikh**, Final Year B.Tech. Chemical Engineering, qualified with a **score of 310**.
47. **ChEMATHON 2025 – IICHe-TI Hardware Hackathon (Tamil Nadu)**
 - a. **Team INFINITY** secured **Third Place** and a **cash prize of ₹30,000**.
 - b. Project: *Esterification of Carboxylic Acid via Membrane Reactor*
 - c. Team Members: Prathamesh Kumbhar, Palak Chandrikapure, Chetan Garde, Shreyas Bansod, Atharv Veerkar
 - d. Guided by **Dr. Suyogkumar Taralkar**
48. **Aspen HYSYS Global Certification**
 - a. Certified Students: Tejas Jadhav, Anand Nair, Faizan Shaikh, Aman Shaikh, Sanika Chandankhede, Gaurab Dhabarde
 - b. Certification by **AspenTech University, USA**
49. **Pratikurtti 2025 – National Level Project Competition (Nagpur)**
 - a. **Nayna Mahajan, Sainath Karewad, Anant Lakhe, Aishwarya Sarode** secured **1st Prize** and **₹25,000 cash award**
 - b. Guided by **Mr. K. S. Kanade**
50. **ISHRAE Research Project Scholarship**
 - a. **Mr. Harish Shewale** (TY Mechanical Engineering) awarded a **₹10,000 scholarship** by Rotary Club and ACR PROJECT Company
 - b. Guided by **Prof. V. N. Deshmukh**

51. **Team Niyudrath Racing** secured **All India 4th Runner-Up**: Faculty Coordinator **Prof. B. R. Patil** honored with the “**Dronacharya Award**” for the second time.
52. **IEEE International Conference – AISSMS IOIT, Pune (7th March 2025):Prerana Chavan, Divya Shewale, Saloni Pujari, and Dr. Dipti Sakhare** received the **Best Paper Award** at the Scopus-indexed conference on *Emerging Smart Computing and Informatics*.
53. **National Youth Festival – Amity University, Noida (3rd–7th March 2025): Ayush Tilekar (TY BTech E&TC)** secured **Third Prize** in the *Western Song* category.
54. **AVINYA 2025 – Undergraduate Students' Conference (MITAOE): Best Paper Award:** Shravani Karambelkar, Ajay Kolhe, Shreyash Mahakale, Vrukshika Deshmukh, Savita Pawar, Held on **28th February 2025**
55. **Smart India Hackathon 2024 – Software Category, Team Rudra:** Manasi Sankpal, Atharva Lokhande, Tejas Pingale, Shripad Dahale, Shubham Hagwane, Project: *Natural Language Translation Engine for Railway Announcements*, Secured **Winner's Title** and received a **6-month internship** at the **Centre for Railway Information Systems (CRIS)**.
56. **Smart India Hackathon 2024 – Government of Gujarat Challenge, Team BhashaSetu:** Sanket Mane, Suryansh Agarwal, Dhiraj Rathod, Pooja Jagtap, Divya Gatkal, Sudhanshu Pendor; Project: *Learning App for Deaf and Mute – Sign Language to English/Gujarati Converter*, **Winner** with a **cash prize of ₹1,00,000**
57. **Smart India Hackathon 2024, Om Panchal** declared **Winner** for his innovative solution.
58. **Technodium 2025 – Programming and Innovation Competitions**
 - a. **Shubham Pawade:** Winner of **MaTPO Programming Idol**
 - b. **Bhargavi Potode:** **2nd Place** at *Impetus and Concepts 25*
 - c. **Technodium 2025 – Hardware Project Competition (MITAOE)**
 - d. **Krushna Thorat (SY BTech)** secured **2nd Runner-Up**
 - e. Guided by **Dr. Aniket Gundecha**
59. **International Chess Tournaments – July 2024:** Successfully organized **two international-level chess tournaments** with a total prize pool of **₹12 Lakhs**, fully sponsored by **Uinsports Pvt. Ltd.** The event received coverage from **5–6 major print media outlets**, reflecting its wide impact and success.
60. **Team Rudra - Manasi Sankpal, Atharva Lokhande, Tejas Pingale, Shripad Dahale, Shubham Hagwane** **Winners of Smart India Hackathon 2023-Natural LAnguage Translation Engine** for Announcements and Information Dissemination at Stations Got internship of 6 months at Center for Railway Information Systems.
61. **Team Bhasha Setu - Sanket Mane ,Suryansh Agarwal ,Dhiraj Rathod,Pooja P Jagtap,Divya Gatkal Sudhanshu Pendor** **Winner in SIH 2024**, Category Software Organization "Government ofGujarat" Title : Learning App for Deaf And Mute and sign language-English/Gujarati converter **Winner Prize of Rs. 1,00,000/-**
62. **Team ARAMBH_99 Om Waman Panchal Yash Chhatrapati Bisen Anushka Sunil Jadhav Kiran Arun Nandi** Title : **AI-Powered Student Assistance Chatbot for Department of Technical Education.**
63. **Team PRAVAAH - Maitreyee Majumdar ,Kanishka Amrutkar ,Sujal Samadiya ,Krishna Tolani Aditya Kotkar** **Winner in SIH 2024**, Category Software Organization - Ministry of Railway Title : **Enhancing Navigation for Railway Station Facilities and Locations****Winner Prize of Rs. 1,00,000/-**
64. **Team Parikshit Abhijit Jadhav Aryan Tamboli** **Winner in SIH 2024**, Category Software Organization Government of NCT of Delhi Title: **Learning path dashboard for enhancing skills** **Winner Prize of Rs. 1,00,000/-**
65. **Harshad Gore** Agri-tech Hackathon 2025 Finalists.
66. **Om Panchal Avinya** First Rank at poster presentation.
67. **Akhilesh Ukey** Tech Saviskar 3.0 Runner up.
68. **Harsh Ranjan** First Person in a Second year Computer Department who secured Paid Internship as a Software Engineer Intern Top 10% SEBI Investor Exam.
69. **Snehal Bhausaheb Chavan** earned recognition as the 1st Runner-Up at Technodium 25, ranked 8th as a finalist in Hacketine and Hackentine Hackathons, and was also a finalist in the Agritech Hackathon.
70. **Disha S Uplanchiwar , Shreya Pramod Babar Firodiya Karandak** 1st runner up.
71. **Vidya Bingi** Cavista Hackathon Winner 1st runner up.

72. **Pournima Shrikant Khamble** was recognized as the winner of a Project Presentation, secured a spot as a Hackathon finalist, and achieved a Top 10 ranking—placing 8th overall.
73. **Lawanya Talodhikar** Hackathon Qualified for the hackathon.
74. **Lawanya Talodhikar** Pair programming by codechef MIT AOE Second runner up in the contest.
75. **Viraj Chudasama** Conference Got the best paper presenter Award.
76. Kiran Nandi emerged as the winner of the Smart India Hackathon 2024 and the Avinya Undergraduate Student Conference 2025, and also secured the 2nd Runner-Up position in the CodeChef Pair Programming 2025 competition.

77. **Shreyash Kumbhar** SAE Drone Development Challenge 2025 AIR 3 best design report, overall AIR 20
78. **PURVA TATYAJI** SHERKURE International Youth Math Challenge (IYMC) Finalist in Top 25%.
79. **Viraj Mandlik** , Guruprasad Dahiphale Tech Saksham Winner.
80. Team Attention Gaurav Arbat ,Prajwal Ganar, Avishkar Pawar ,Shivshankar Ghyaar , Technodium-National Level Event Winner.
81. **Vinayak Shamrao Bhosale** GATE Exam All India Rank 189.
82. **Maitreyee Deshmush** Maestro Award (Best Outgoing Student) Best Student.
83. **Viraj Chudasama** Dynamic Student Dynamic Students.
84. **Nabil Ansari** Core Global Gaming Hackathon! - innovative project, "Fight for TCORE," took top honors in the Social PVP Games category, earning them a coveted prize package \$3,000 cash prize 6 months of gas rebates.
85. **Pratham Patharkar** GenAI based national level Hackathon (more than 130 teams registered from all over india) Ranked among top 7 all over india and recieved a cash prize of 10k.
86. **Viraj Mandlik** , **Viraj Mandlik** , **Parth Kulkarni** , **Kartikey Sapkal**, **Vidya Bingi**, **Dhanwantari Chavan** , **Yash Gunjal** Hackathon Winner.
87. **Mithilesh Biradar**,**Swapnil Mattoo**,**Dhiraj Wakchaure**,**Viraj Fale** ,(Under the guidance of Nilesh Navghare)" International Scopus Indexed Conference on "Emerging Techniques in ML ,DS and IOT(ETMDIT 2024)Best Paper Award(Springer Nature) To be Published in Bentham Science Journal .
88. **Nachiket Challawar** State Level youth festival 4 Gold, 1 Silver, 2 bronze medals.
89. **Om Kolte**, **Nachiket Challawar** Firodiya Karandak - Inter college Drama & Art Festival.
90. Navdhara State Level Poster Competition in Civil Domain organized by Pimpri Chinchwad College of Engineering & Research during 03/08/2024.
91. **Chaitanya Gherade** Won the second prize in the Poster Presentation Alchemy 25 organized by VJTI, Mumbai during 21st -22nd March 2025.
92. Karthik Jibin Edakkad Selected among the top 12 teams in the Project competition, Atomberg ATOMQUEST was organized by IIT Delhi on 4th January 2025.
93. Chaitanya Gherade Won the second prize in the Project competition SANKALP 1.0 organized by SGGS Nanded on 11-12th April 2025.
94. **Chaitanya Gherade**, **Manda Parave** Won the Consolation prize in the Poster Presentation SANKALP 1.0 organized by SGGS Nanded on 11-12th April 2025.
95. **Ajay Shinde**, **Swapnil Ahire**, **Shrawan Sonwane** Won the Consolation prize in the Paper Presentation SANKALP 1.0 organized by SGGS Nanded on 11-12th April 2025.
96. **Chaitanya Gherade** Won the Third Prize in the Poster Presentation SYNTROPY 2025 organized by MITWPU, Pune on 15-17th April 2025.
97. **Chetan Garde** Won the 2nd Prize in the Paper Presentation EUREKA & JIDNYASA 2025, organized by TKIET, Warananagar on 22nd April 2025.
98. **Sushil Pawar** Won the 2nd Prize in the Paper Presentation EUREKA & JIDNYASA 2025, organized by TKIET, Warananagar on 22nd April 2025.
99. **Palak Chandrikapure** won the 2nd Prize in the Paper Presentation EUREKA & JIDNYASA 2025, organized by TKIET, Warananagar on 22nd April 2025.

Sports

Activity: Chess

Date: 14/09/2024. **Venue:** Sinhgad college of engineering Kondwa, pune

Level of the Event: SPPU 2024. **Coordinator:** Prof. Atul Waghmare

Attendees: MIT AOE College Student of chess .**No. of Participants:** 241

Total No. of Participants: 59 colleges. Teams form Various Engineering Colleges

Objectives:

To promote the sports & audience.

To determine the best player at National Level.

To development Sportsman Spirit.

Outcomes:

The intense competition & training Leading up to the championship can help player improve their skills.

Increased self Confidence in Sports.

Opportunity for students to connect with coaches, scouts and other individual in sports community.

Other Remarks:

Students have been actively participated in Competition, learned lots of thing from the winning teams and cheered for the next event.

Achievement: 1) Boys team won bronze medal

2)Two girls selected for pune zonal chess team 24-25

Photograhs:



SPPU 2024 Chess player OF MIT AOE

Activity: Fencing

Date :20/09/2024

Venue: Ransing college of commerce and science Kalamb.indapur Pune

Level of the Event: SPPU 2024 Coordinator: Prof. Atul Waghmare

Attendees: MITAOE students for fencing No. of Participants: 47

Total No. of Participants: 19 colleges.

Teams from Various Engineering Colleges Objectives :

- To promote the sports & audience.
- To determine the best player at National Level.
- To development Sportsman Spirit.

Outcomes

The intense competition & training Leading up to the championship can help player improve their skills.

Increased self Confidence in Sports.

Opportunity for students to connect with coaches, scouts and other individual in sports community.

Other Remarks

Students have been actively participated in Competition, learned lots of thing from the winning teams and cheered for the next event

Achievement: 1) Rishikesh korde (SY COMP) reached Quarter Finals

Photographs:



SPPU 2024 fencing player OF MIT AOE

Activity: Lawn Tennis

Date :21/09/2024

Venue: Pratibha college of commerce and science pimpri pune

Level of the Event: SPPU 2024 Coordinator: Prof. Atul Waghmare

Attendees: MIT AOE College Student of lawn tennis No. of Participants: 27

Total No. of Participants :13 colleges

Teams from Various Engineering Colleges Objectives

To promote the sports & audience.

To determine the best player at National Level.

To development Sportsman Spirit. Outcomes

The intense competition & training Leading up to the championship can help player improve their skills.

Increased self Confidence in Sports.

Opportunity for students to connect with coaches, scouts and other individual in sports community.

Other Remarks

Students have been actively participated in Competition, learned lots of thing from the winning teams and cheered for the next event.

Achievement: 1) Jhanvi Kale (Btech ENTC) selected in Pune district Zonal Lawn Tennis team

Photographs:



SPPU 2024 Lawn Tennis player OF MIT AOE

Activity: Badminton

Date: 23/09/2024

Venue: PCCOE college under SPPU Sports 2025-25 Level of the Event: SPPU 2024

Coordinator: Prof. Atul Waghmare

Attendees: MIT AOE College Student of Badminton

No. of Participants: 202

Total No. of Participants : 53 colleges

Teams from Various Engineering Colleges Objectives :

To promote the sports & audience.

To determine the best player at National Level.

To development Sportsman Spirit.

Outcomes

The intense competition & training Leading up to the championship can help player improve their skills.

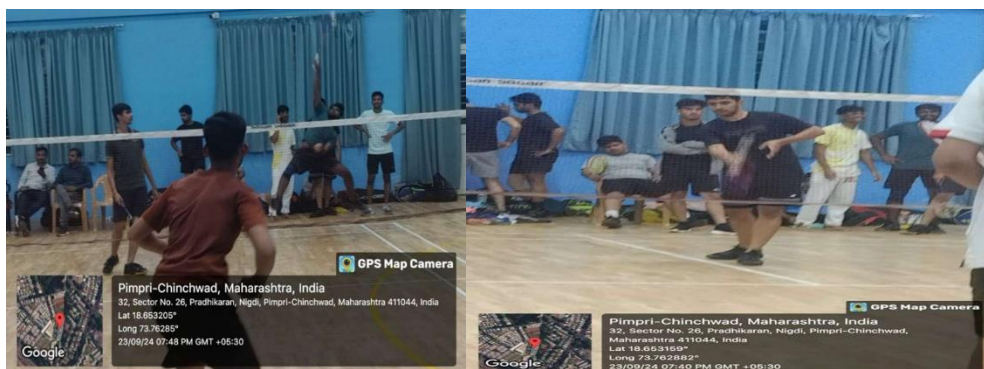
Increased self Confidence in Sports

Opportunity for students to connect with coaches, scouts and other individual in sports community.

Other Remark

Students have been actively participated in Competition, learned lots of thing from the winning teams and cheered for the next event.

Achievement: 1) Boys team reached Quarter Finals Photographs:



BADMINTON Player of MITAOE 2024

Activity: Basketball

Date :7/10/2024 to 10/10/2024

Venue: RMC college Pimpri, Pune

Level of the Event: RMC Intercollege Pimpri Under SPPU Coordinator: Prof. Atul Waghmare

Attendees: MIT AOE College Student of BasketBall No. of Participants: 12

Total No. of Participants: 58 Teams (696 Players) Teams form Varices Engineering Colleges

Objectives :

To promote the sports & audience.

To determine the best player at National Level.

To development Sportsman Spirit. Outcomes

The intense competition & training Leading up to the championship can help player improve their skills.

Increased self Confidence in Sports.

Opportunity for students to connect with coaches, scouts and other individual in sports community.

Students have been actively participated in Competition, learned lots of thing from the winning teams and cheered for the next event.

Result: lost in 2 round to jspm Tathawade Engineering college Pune

Photographs:



Intercollege 2024 BasketBall TEAM OF MITAOE

Activity: Football

Date : 21/11/2024 to 24/11/2024

Venue: Sinhgad College of Commerce, Pune

Level of the Event: Intercollege

Coordinator: Prof. Atul Waghmare

Attendees: MIT AOE College Student of Football No. of Participants: 18

Total No. of Participants: 68 Teams (1224 Players) Teams form Varices Engineering Colleges

Objectives :

To promote the sports & audience.

To determine the best player at National Level.

To development Sportsman Spirit. Outcomes

The intense competition & training Leading up to the championship can help player improve their skills.

Increased self Confidence in Sports.

Opportunity for students to connect with coaches, scouts and other individual in sports community.

Students have been actively participated in Competition, learned lots of thing from the winning teams and cheered for the next event.

Result: lost in 2 round to Dy Patil Engineering college Pune

Photographs:



MIT AOE FOOTBALL TEAM AT Sinhgad 2024 IN ACTION

Activity: CRICKET

Date: 25/11/2024 to 7/12/2024

Venue : Moze college Ground Pune, Pune

Level of the Event: RMC Intercollege Pimpri Under SPPU Coordinator: Prof. Atul Waghmare

Attendees: MIT AOE College Student of Cricket No. of Participants: 16

Total No. of Participants: 84 Teams (1344 Players) Teams form Varices Engineering Colleges

Objectives

To promote the sports & audience.

To determine the best player at National Level.

To development Sportsman Spirit. Outcomes

The intense competition & training Leading up to the championship can help player improve their skills.

Increased self Confidence in Sports.

Opportunity for students to connect with coaches, scouts and other individual in sports community.

Students have been actively participated in Competition, learned lots of thing from the winning teams and cheered for the next event.

Result: Reached Pre-Quarter final

Photograhs:



MITAOE CRICKET TEAM AT RMC PIMPRI 2024 IN ACTION

Activity: Body Building

Date :5/12/2024

Venue: Annasaheb College of commerce Hadapsar, Pun

Level of the Event: RMC Intercollege Pimpri Under SPPU

Coordinator: Prof. Atul Waghmare

Attendees: MIT AOE College Student of Body Building

No. of Participants: 1

Total No. of Participants: 21 Teams (68 Players) Teams form Varices Engineering Colleges

Objectives :

To promote the sports & audience.

To determine the best player at National Level.

To development Sportsman Spirit. Outcomes

The intense competition & training Leading up to the championship can help player improve their skills

Increased self Confidence in Sports.

Opportunity for students to connect with coaches, scouts and other individual in sports community.

Students have been actively participated in Competition, learned lots of thing from the winning teams and cheered for the next event.

Result: Fourth Rank in 75kg Category.

Photograh: Sudanshu Udabale (MECH 3 yrs)



Intercollege 2024 Body Builder OF MITAOE

Activity: Cricket

Date : 18/01/2025

Venue : AISSMS college Pune Level of the Event: State level

Coordinator: Prof. Atul Waghmare

Attendees: MITAOE students for Cricket No. of Participants: 225

Total No. of Participants: 15 colleges

Teams from Various Engineering Colleges Objectives :

To promote the sports & audience.

To determine the best player at National Level.

To development Sportsman Spirit

Outcomes :

The intense competition & training Leading up to the championship can help player improve their skills.

Increased self Confidence in Sports.

Opportunity for students to connect with coaches, scouts and other individual in sports community.

Other Remarks :

Students have been actively participated in Competition, learned lots of thing from the winning teams and cheered for the next event

Achievement: MIT AoE Cricket Team Reached QuaterFinal in 2025

Photographs:



MIT AoE Cricket Team Reached QuaterFinal in 2025

Activity: Badminton

Date : 19/01/2025

Venue : D Y Patil College Akurdi, Pune Level of the Event : InterCollegiate

Coordinator : Prof. Atul Waghmare

Attendees : MIT AOE College Student of Badminton

No. of Participants 78

Total No. of Participants: 20 Colleges

Objectives :

To promote the sports & audience.

To determine the best player at National Level.

To development Sportsman Spirit.

Outcomes :

The intense competition & training Leading up to the championship can help player improve their skills.

Increased self Confidence in Sports.

Opportunity for students to connect with coaches, scouts and other individual in sports community.

Other Remarks

Students have been actively participated in Competition, learned lots of thing from the winning teams and cheered for the next event.

Achievement: 1) Boys double team won First Prize

Vapiul lad (BTEC. E& TC)

OM Suryawanashi (3YearE&TC)

Photographs:



Winer At D Y Patil college 2025 Badminton Team OF MIT AOE

Activity: cricket

Date :27/01/2025

Venue : MIT ADT Loni, Pune

Level of the Event: State Level (VSM Meet)

Coordinator: Prof. Atul Waghmare

Attendees: MIT AOE College Student of Cricket

No. of Participants: 16

Total No. of Participants: 16 Teams (256 Players) Teams form Varices Engineering Colleges

Objectives :

To promote the sports & audience.

To determine the best player at State Level.

To development Sportsman Spirit. Outcomes :

The intense competition & training Leading up to the championship can help player improve their skills.

Increased self Confidence in Sports.

Opportunity for students to connect with coaches, scouts and other individual in sports community.

Students have been actively participated in Competition, learned lots of thing from the winning teams and cheered for the next event.

Result: MITAOE Cricket Teem reached Quarter Final 2025

Photographs:



MIT AOE Cricket Match at Mit ADT Loni 2025

Activity : VolleyBall

Date : 31/01/2025 to 03/02/2025

Venue : AISSMS, Pune

Level of the Event : State level

Coordinator : Prof. Atul Waghmare

Attendees : MIT AOE College Student of Football

No. of Participants : 32 Teams

Total No. of Participants: 384 Players

Teams form Varices Engineering Colleges

Objectives :

To promote the sports & audience.

To determine the best player at National Level.

To development Sportsman Spirit.

Outcomes :

The intense competition & training Leading up to the championship can help player improve their skills.

Increased self Confidence in Sports.

Opportunity for students to connect with coaches, scouts and other individual in sports community.

Students have been actively participated in Competition, learned lots of thing from the winning teams and cheered for the next event.

Result: MITAOE Won Second Prize

Photographs:



MIT AOE VOLLEYBALL TEAM AT AISSMS 2025 IN ACTION

Activity : Cricket

Date: 05/02/2025

Venue : Coep college Shivaji Nagar, pune

Level of the Event: National level

Coordinator: Prof. Atul Waghmare

Attendees : MIT AOE College Student of Cricket

No. of Participants: 24

Total No. of Participants :484 Student

Teams from Various Engineering Colleges Objectives :

To promote the sports & audience.

To determine the best player at National Level.

To development Sportsman Spirit. Outcomes :

The intense competition & training Leading up to the championship can help player improve their skills.

Increased self Confidence in Sports.

Opportunity for students to connect with coaches, scouts and other individual in sports community.

Other Remarks :

Students have been actively participated in Competition, learned lots of thing from the winning teams and cheered for the next event.

Achievement: MIT AoE Cricket Team Reached QuaterFinal in 2025 Zest

Photographs:



MIT AOE 2025 Cricket Team

Activity: Volleyball

Date : 7/02/2025

Venue : AISSMS College Pune Level of the Event : State level Coordinator : Prof. Atul Waghmare

Attendees : MIT AOE College Student of Volleyball No. of Participants : 12

Total No. of Participants : 14 Teams (168 Players) Teams from Varies Engineering Colleges

Objectives :

- To promote the sports & audience.
- To determine the best player at State Level.
- To development Sportsman Spirit. Outcomes :
- The intense competition & training Leading up to the championship can help player improve their skills.
- Increased self Confidence in Sports.
- Opportunity for students to connect with coaches, scouts and other individual in sports community.

Students have been actively participated in Competition, learned lots of thing from the winning teams and cheered for the next event.

Result : MITAOE Girls Volleyball Teem reached Quarter Final In State level 2025

Photograhs :



MITAOE Girls Volleyball Team at State level volleyball Event 2025

Activity: Chess

Date: 08/02/2025

Venue : Coep College Shivaji Nagar, pune Level of the Event: National level

Coordinator: Prof. Atul Waghmare

Attendees :MIT AOE College Student of Chess No. of Participants: 210

Total No. of Participants: 40colleges

Teams from Various Engineering Colleges Objectives :

To promote the sports & audience.

To determine the best player at National Level.

To development Sportsman Spirit. Outcomes :

The intense competition & training Leading up to the championship can help player improve their skills.

Increased self Confidence in Sports.

Opportunity for students to connect with coaches, scouts and other individual in sports community.

Other Remarks:

Students have been actively participated in Competition, learned lots of thing from the winning teams and cheered for the next event.

Achievement: 1) Boys & Girls team reached Quarter Finals in Zest National Level Chess 2025

Photograhs:



MIT AOE 2025 Chess Team

Activity: Box Cricket

Date : 7/02/25 to 10/02/25

Venue : MIT Academy of Engineering Level of the Event : Interdepartmental Coordinator : Prof. Atul Waghmare

Attendees : College Students of MITAOE from various departments

No. of Participants : 180 (20 Teams of 8 Players)

Objectives :

To promote the sports & audience.

To determine the best team at National Level.

To provide a platform for a player development by competing against top-level Completion and by receiving exposure.

Outcomes :

The intense competition & training Leading up to the championship can help player improve their skills.

Increased self Confidence in Sports.

IQAC ANNUAL REPORT-2024-25

Opportunity for students to connect with coaches, scouts and other individual in Football community.

Other Remarks :

Students have been actively participated in Competition, learned lots of thing from the winning teams and cheered for the next event.

Achievement: Players Team Spirit is reamarkable and also increase Sportsmanship among players

Photograhs:



Students of Mitaoe in action for box cricket 2024-25

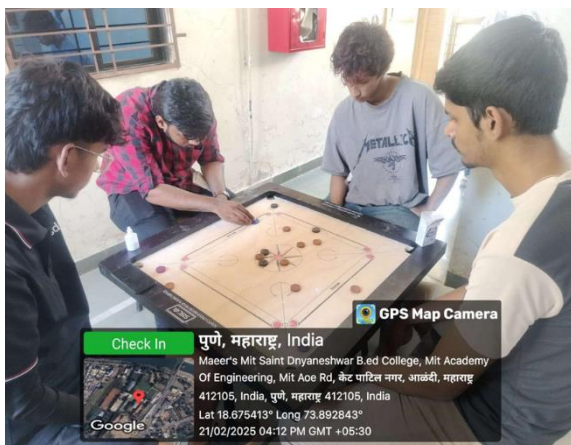


Students of Mitaoe in action for box cricket 2024-25

NAKSHATRA SPORTS DAY 2025 OF MIT AOE



IQAC ANNUAL REPORT-2024-25



National Service Scheme

24. National Service Scheme

Activity No: 1

Event Name: Nirmal Wari

Date: 27th-29th June 2024

MITAOE NSS volunteers actively participated in the **Ashadhi Wari pilgrimage** from **June 27-29**, assisting pilgrims and maintaining cleanliness. In collaboration with **Alandi Nagar Parishad**, they carried out **road-cleaning activities**, addressing waste accumulation due to restricted vehicle access. Volunteers also **distributed food and water** to pilgrims and supported **government staff** by packing and delivering tiffins. Their efforts were recognized under the "**Nirmal Wari Upakram**" as "**Nirmal Sevak**". This initiative showcased their **dedication to community service**, teamwork, and commitment to public welfare.



Activity No: 2

Event Name: Har Ghar Tiranga Abhiyaan

Date: 15th August 2024

MITAOE and MITACSC collaboratively organized the "Har Ghar Tiranga" event to honor India's national flag and promote patriotism. 80 NSS volunteers, students, and faculty actively participated, making the event a success. Mr. Ashok Tiwari, a former Indian Air Force officer, delivered an inspiring speech on unity and youth's role in nation-building. As a symbolic tribute, volunteers formed the word "Bharat" during the flag-hoisting ceremony. A patriotic rally further amplified the spirit of nationalism. The event fostered unity, patriotism, and national pride, leaving a lasting impact on all participants.

Activity No: 3

Event: Tree Plantation Drive

Date: 23rd August 2024

On 23rd August 2024, the NSS Unit of MITAOE organized a tree plantation drive at Lake View, Yewlewadi, Katraj, Pune, in collaboration with the Forest Department of Maharashtra. 36 volunteers participated, planting over 150 saplings of species like tamarind, custard apple, khaya, and kashid, chosen for their suitability to the local environment. The Forest Department ensured proper care and long-term sustainability of the trees. This initiative aimed to enhance green cover, improve air quality, and promote environmental awareness, making a meaningful impact on the ecosystem.



Activity No: 4

Event: Voters Registration

Date: 29th August 2024

On 29th August, the NSS Unit of MITAOE conducted a Voter's Registration Activity for second-year students, aiming to help those who had turned 18 but had not yet registered. A Google Form was used to identify eligible students, who were then guided through the registration process with an informative video explaining its significance, required documents, and procedures. NSS volunteers assisted students with form filling, document submission, and online registration. The event successfully registered 110 students as voters. This initiative simplified the process, promoted youth participation in democracy, and emphasized the importance of voting.

Activity Photos



Activity No: 5

Event: Ganesh Visarjan

Date: 10-17th Sept 2024

The NSS Unit of MITAOE, in collaboration with the local Nagar Palika, organized a Ganesh Visarjan Activity on the 5th, 7th, 9th, 10th, and 11th days of the Ganesh festival to prevent water pollution in the Indrayani River. Volunteers raised awareness about eco-friendly visarjan and assisted devotees in using artificial ponds set up by the Nagar Palika. They also collected idols post-immersion and loaded them onto trucks for recycling. This initiative successfully promoted sustainable practices, significantly reducing environmental impact and ensuring a cleaner, greener celebration.

Activity Photos



Activity No: 6

Event: Voter Registration

Date: 25th Sept 2024

The NSS Unit of MITAOE organized a Voter Registration Activity to help students and faculty register as voters and promote civic responsibility. An informative video explaining the process and required documents was screened before volunteers assisted participants with online registration. A survey among faculty members revealed that most were already registered, while new faculty members received guidance for registration. The event was highly successful, with 538 students completing their voter registration, reinforcing the importance of active participation in the democratic process.



Activity No: 7

Event: Swachhta he Seva

Date: 2nd oct 2024

The NSS Unit of MIT Academy of Engineering actively participated in the Swachhata Hi Seva campaign, a government initiative under the Swachh Bharat Mission. Volunteers collaborated with local authorities to identify and clean public areas such as parks, roadsides, and campus spaces. Over 75-80 NSS volunteers, students, and faculty took part, ensuring proper waste segregation and disposal. The event also included a humanitarian effort, where volunteers distributed pens to underprivileged children. The campaign successfully promoted cleanliness, community engagement, and social responsibility, inspiring students and residents to contribute to a cleaner and greener India.



Activity No: 8

Event: Kartiki Yatra

Date: 24th-28th Nov 2024

The Alandi Yatra, celebrated during Kartiki Ekadashi, is a revered pilgrimage honoring Sant Dnyaneshwar Maharaj's Sanjeev Sohala. From November 24th to 28th, thousands of Warkaris participated in this spiritual journey, filled with bhajans, kirtans, and devotional songs. NSS volunteers from MIT Academy of Engineering played a key role in maintaining cleanliness, managing medical booths, and distributing water. Organized into six groups, they worked in morning and evening shifts to ensure smooth operations. On November 28th, volunteers also distributed bananas to devotees waiting for darshan. The event concluded on November 29th, leaving volunteers with a sense of fulfillment and pride in their service to the community.



Activity No: 10

Event: RED RIBBON Activity

Date: 26 th Nov 2024

The NSS unit of MITAOE organized a Red Ribbon Activity during Ashadhi Wari to raise awareness about AIDS prevention and support affected individuals. The event began with an awareness rally, where around 50 volunteers distributed informative posters and pamphlets, raised slogans, and engaged with pilgrims. Medical camps displayed posters to maximize outreach, and volunteers educated individuals on precautionary measures to prevent the spread of HIV/AIDS. The campaign emphasized understanding, care, and support for those affected while promoting preventive awareness. Well-received by pilgrims and locals, the initiative proved to be a highly impactful and successful effort.

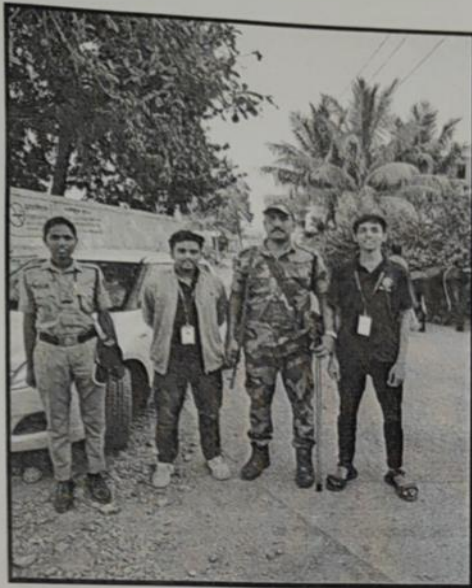


Activity No: 11

Event: Election Activity

Date: 20th Nov 2024

The NSS unit of MITAOE assisted the Alandi-Dighi traffic police on Election Day, ensuring smooth traffic flow outside 35 voting booths. Volunteers helped manage congestion, guided vehicles, and directed pedestrians to maintain order. Their efforts significantly reduced voter inconvenience and facilitated a smooth election process. This initiative highlighted their teamwork, social responsibility, and commitment to civic duties.



Prof. Hussian Shaikh

Prof. Hussian Shaikh

Prof. Dilip Panchal

Programme Officers

UoP NSS Unit- MITAOE Alandi

Dr. Mahesh Kondhar

Dr. Mahesh Kondhar

Director MITAOE

DIRECTOR

MIT Academy of Engineering
Alandi (D.), Pune-412 105.

ANNUAL E- GOVERNANCE REPORT

25. ANNUAL E-GOVERNANCE REPORT

ANNUAL E-GOVERNANCE REPORT

2024-25

MIT Academy of Engineering Alandi Pune is trying its best to keep pace with the recent applications of e-governance in terms of various functions being performed digitally through the internet. The necessary infrastructure is adequate as per the need for ICT. A well-equipped internet center has been established in the College to monitor and regulate the smooth functioning of computer systems and to address all IT-related issues so that maximum benefits could be ensured. Students and staff members are aided and supported through an internet center in case of software and online portal-related issues. The overwhelming response of human resources to digital technology has strengthened the prospects of e-governance in different areas of operation

Implementation of e-governance in areas of operation:**1. Administration****Biometric attendance Marking System**

IQAC ANNUAL REPORT-2024-25

Mastersoft ERP solutions for Leave Management

MIT Academy of Engineering
ACADEMIC ▾ EXAMINATION ▾ PAYROLL ▾ ESTABLISHMENT ▾ OBE ▾

TRANSACTIONS **×**

- Employee Service Book
- Employee Leave Card**
- OD Application
- Class Arrangement Acceptance

EMPLOYEE LEAVE CARD

Employee Leave Card List

Search:

COLUMN VISIBILITY **▼** EXPORT **▼**

Leave Name	Period	Op. Bal.	Credit	Total	Taken	Bal.	Apply
Causal Leave	YEARLY-2023	15.00	0.00	15.00	8.00	7.00	<button>APPLY</button>
Earned Leave	YEARLY-2023	43.00	0.00	43.00	3.00	40.00	<button>APPLY</button>
Leave Without Pay	YEARLY-2023	365.00	0.00	365.00	0.00	365.00	<button>APPLY</button>
Medical Leave	YEARLY-2023	144.00	0.00	144.00	0.00	144.00	<button>APPLY</button>

Showing 1 to 4 of 4 entries

LEAVE APPLICATION STATUS

Analytics and Dashboards

Module
Establishment **▼**

Dashboard
Leave Analysis **▼**

Applied Leaves

5451.0

Status **▼**
All

Department **▼**
All

Leave Type **▼**
All

Employee Name **▼**
All

Employee ID **▼**
All

Staff Type **▼**
All

Approved Leaves

5176.5

Department Wise Applied

Asst Prof	1075.0
Peon	552.5
Assistant	405.5
Lab Asst	317.0
Tech Asst	186.0
Department o...	174.5

Today On Leave

5

Tomorrow On Leave

3

Pending Leaves

237.0

Monthly Applied

May-23	1925.5
Mar-23	764.0
Jun-23	632.5
Jan-23	589.0
Feb-23	586.5
Apr-23	558.0

Rejected Leaves

37.5

Leave Dates

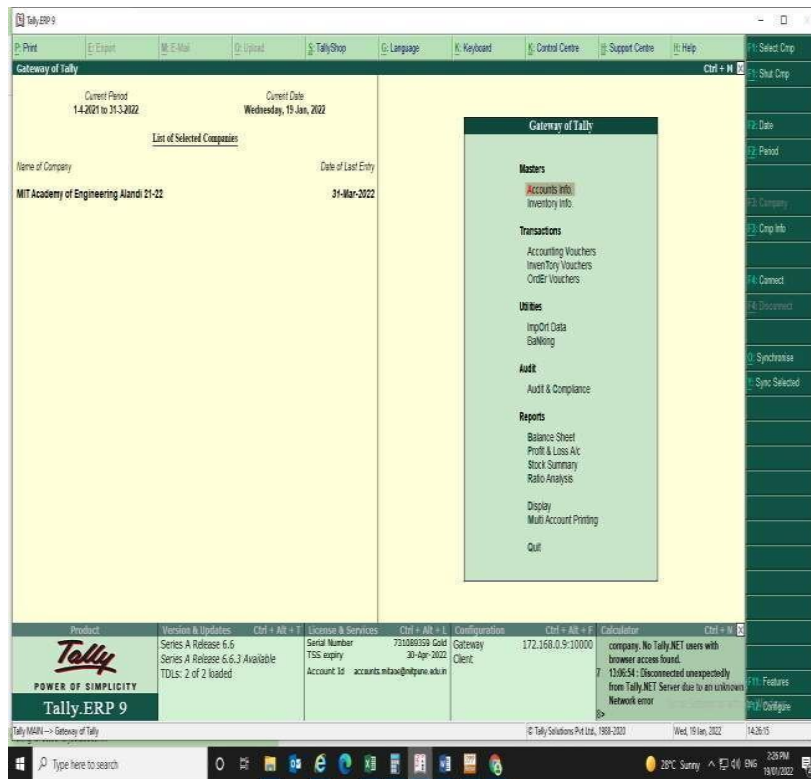
12/29/2022 8/17/2023

Department	Applied	Approved Leave	Pending Leave	Rej
Accounts	11.0	11.0	0.0	
Accounts Officer	3.0	2.0	1.0	
Admin Officer	19.0	14.0	5.0	
Administration	22.0	22.0	0.0	
AMASO	1.0	1.0	0.0	
Assistant	405.5	381.0	24.5	
Asso. Prof.	27.0	26.0	1.0	
Asst Prof	1075.0	1000.5	66.5	

Last Refreshed : 9/4/2023 6:07:21 PM

Activate Windows
Go to settings to activate Windows.

2. Finance and Accounts



Screenshot of Tally software

For Pay slip and Income Tax Return

Saral Paypack Software (Relyon Softtak Ltd)



2. Student Admission and Support

Mastersoft ERP software for Admission Management

MIT Academy of Engineering

CONFIGURATION

ACADEMIC

EXAMINATION

PAYROLL

ESTABLISHMENT

STUDENT RELATED

Online Payment

Student Complete Detail

Student Information

Student Information Status Report

Course Registration

Unlock Student Details

Student Complete Detail

Search Criteria

REGISTRATION NUMBER

Search String

SEARCH

CLOSE

Student Information

Fees Details

Course Registered

Attendance Details

Result Details

Revaluation Result Details

Session

RE-EXAM EVEN 22-23

Student Information

Student Name : MANKAR HEMANT MADHAV

Gender : Male

Father's Name : MADHAV SHAMRAO MANKAR

Mother's Name : SMITA

PRN No. : 202201060032

Enrollment No. :

Application ID :

Admission Batch : 2022-23

Academic Year : 2023-2024

Admission Date : 11/11/2022 00:00:00

Admission Status : ADMITTED

Allotted category :

School/Institute Name : SCHOOL OF ELECTRICAL ENGINEERING

Degree : Bachelor of Technology

Branch : Electronics Engineering

Semester : III

Scheme : B.Tech-Department of Electronics Engineering-Electronics Engineering-2022-23 (CBCS)

Division : G

Roll No. : 744

Mobile No : 8830666059

Alternate Mobile No :

Aadhar Number : 399114932454

Email ID : hemant.mankar@mitaoe.ac.in

MIT Academy of Engineering

CONFIGURATION

ACADEMIC

EXAMINATION

PAYROLL

ESTABLISHMENT

STUDENT INFORMATION

Search New Student

Personal Details

Address Details

Admission Details

Document Upload

Qualification Details

Covid Information

Other Information

Verify Information

Student Personal Details

ID No. 2887

Enrollment Number

Admission Type Regular

Registration No 202201060032

Student Full Name MANKAR HEMANT MADHAV

Student First Name HEMANT

Student Middle Name MADHAV

Student Last Name MANKAR

Student Mobile No. 8830666059

Alternate Mobile No.

Student Email ID hemant.mankar@mitaoe.ac.in

Alternate Email ID hemant.mankar@mitaoe.ac.in

Date of Birth 25/08/2003

Birth Place AKOLA

Gender Male Female Others

Marital Status Single Married

Nationality Indian

Blood Group A+

Religion HINDU

Category OBC

Sub Caste KUNBI

Physically Disabled NO

Aadhar No. 399114932454

Passport No. Enter Passport No.

Admission Through Cap Round

Hosteller Yes No

Transportation Yes No

NRI/OCI/International Student/ PIO Yes No

Specify Parents Details Yes No

Specify Father Details Yes No

Specify Mother Details Yes No

ABCC Id Enter ABCC Id

DTE Application Id Enter DTE Application Id

185

4. Examination

Mastersoft ERP Solutions for Examination Result Processing and documentations

MIT Academy of Engineering CONFIGURATION ▾ ACADEMIC ▾ EXAMINATION ▾ PAYROLL ▾ ESTABLISHMENT ▾

CONDUCTION OF EXAMINATION

- Lock Unlock Marks
- Audit Course Grade Entry
- Decode No. Generation
- Mark Entry By Admin**
- Exam Mark Conversion
- Student Wise Unlock

EXAM MARK ENTRY BY ADMIN

*Institute Name: SMCE - B. Tech-Department of ... *Session: EVEN 22-23 *Semester: II

*Subject Type: Theory *Course Name: AS106T - Engineering Physics *Exam Name: End Semester Examination

Total Students : 3

Note: Please Save and Lock for Final Submission.
 (902) for Absent
 (903) for UFM
 (904) for Detention
 (905) for Incomplete
 (906) for Withdrawl

SHOW STUDENT REGENERATE GRADE REPORT CANCEL

Enter Marks for following Students

Sr. No.	Reg No./Decode No.	Student Name	Internal Marks	End Semester Examination [Max : 50.00]	Total Marks	Grade
1	202101030012	BARKUL PRATAP VIKAS	0.00	20.00	14	FF
2	202101030023	SURYAWANSHI KIRAN BABUSHA	0.00	902.00	0	FF
3	202101030030	MUNDE KOMAL KISHOR	32.00	14.00	42	DD

MIT Academy of Engineering CONFIGURATION ▾ ACADEMIC ▾ EXAMINATION ▾ PAYROLL ▾ ESTABLISHMENT ▾

EXAMINATION REPORTS

- Exam Registration Report
- Grade Card /Tabulation Reports**
- Result Analysis Report

Tabulation / Grade Card

*College & Scheme: SCE - B. Tech-Department of Chemi... *Session: RE-EXAM ODD 22-23 *Semester: III *Student Type: Backlog

SHOW STUDENTS CANCEL

LEDGER REPORT GRADE CARD GRADE CARD WITHOUT HEADER TR REPORT RESULT REPORT IN EXCEL OVERALL BACKLOG REPORT IN EXCEL

TR REPORT (EXCEL) GRADE REGISTER GRACE STUDENTS FORMAT - II REPORT

GRADE RANGE REPORT FORMAT - II EXCEL REPORT EXAM FEES PAID EXCEL REPORT RESULT ANALYSIS REPORT

Student List

Search:

Select	Enrollment No.	Student Name	Student Email
☐	202101050003	WAGHMARE SAYALI POPAT	sayaliw46@gmail.com
☐	202101050004	RANSARJE GAYATRI DATTA	
☐	202101050007	MALEKAR SURYAKANT CHANDRAKANT	suryakantmalekar42@gmail.com
☐	202101050008	KADAM MAYUR RAJENDRA	mayurkadam704@gmail.com
☐	202101050011	VITE SWARAJ SANTOSH	swarajvite98@gmail.com
☐	202101050012	HARGUDE SARANG KISAN	saranghargude7106@gmail.com
☐	202101050013	SAVE SAHIL DEEPAK	sahilsave005@gmail.com
☐	202101050014	DUNDAGE SHATAKSHI UMESH	
☐	202101050017	GADIYA YUG MANGESH	

Activate Windows
Go to Settings to activate Windows.

IQAC ANNUAL REPORT-2024-25

AMCAT Aspiring Minds for Online Proctored Examination

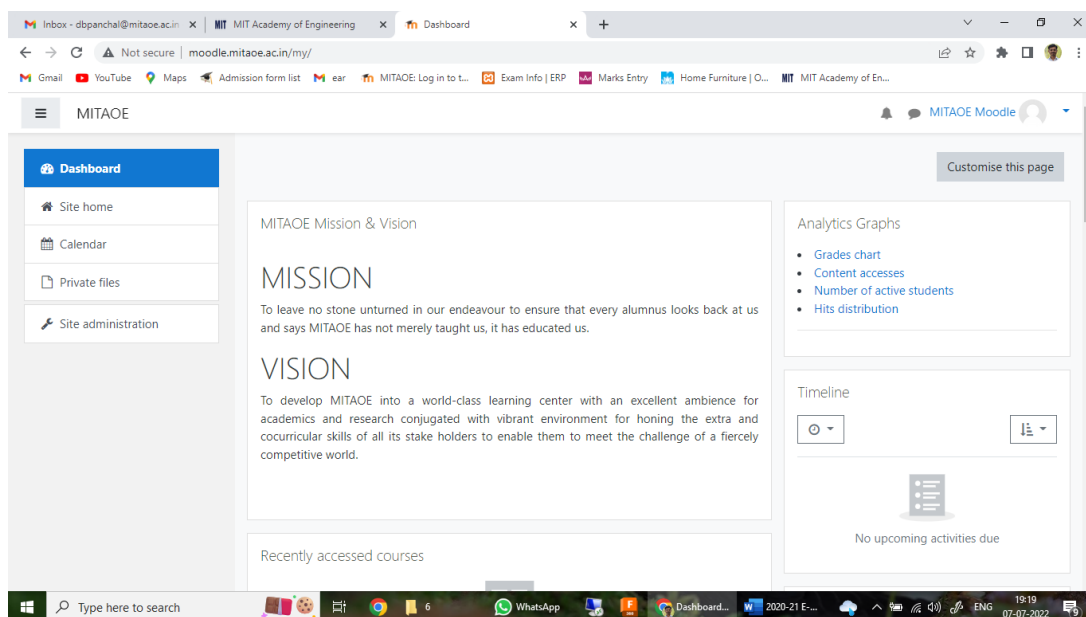
The screenshot shows the AMCAT Recruiter interface dashboard. The top navigation bar includes 'Account Summary' and 'MIT AOE'. The left sidebar contains a menu with 'Assessments', 'Create Assessment', 'My Assessments', 'Video Assessments', 'Authoring Tool', 'User Management', and 'Live Proctoring'. The main dashboard area displays a 'Dashboard' section with a date range filter from '07-06-2022' to '07-07-2022'. Below this, there are several statistics cards: '2002 SCHEDULED', '1858 COMPLETED', '725 STRONG CONSIDER', '1 IN PROGRESS', '143 EXPIRED', and '0 PENDING'. A central banner for 'SVAR' (97% Evaluation accuracy) is visible. To the right, there is a section for 'SHL The SHL Talent Acquisition' with a 'SCHEDULE DEMO' button. At the bottom, there is a 'Create new assessments' section with a search bar.

The screenshot shows the AMCAT Recruiter interface user list. The top navigation bar includes 'Account Summary' and 'MIT AOE'. The left sidebar contains a menu with 'Assessments', 'Video Assessments', 'Authoring Tool', 'User Management', 'Add User', 'List User', and 'Live Proctoring'. The main area displays a 'List User' section with a search bar and 'SEARCH' and 'RESET' buttons. Below this is a table listing users.

Name	User Name	Role	Created By	Email	Status	Actions
MIT AOE	ujjaval.jain+mitaoe@aspir...	Head HR	Admin	ujjaval.jain+mitaoe@aspir...	Active	 
MIT AOE	mitaoe@exams	HEAD_MIT	MIT AOE	ujjaval.jain@aspiringminds...	Active	 
Mr SM Bhagat	smbhagat@it.maepune.ac.in	MIT AOE - ...	MIT AOE	smbhagat@it.maepune.ac.in	Active	 
Mr Pankaj Choudhary	ppchoudhary@it.maepune...	MIT AOE - ...	MIT AOE	ppchoudhary@it.maepune...	Active	 
Mrs R R Badre	rrbadre@comp.maepune....	MIT AOE - ...	MIT AOE	rrbadre@comp.maepune....	Active	 
Dr SS Barve	ssbarve@comp.maepune....	MIT AOE - ...	MIT AOE	ssbarve@comp.maepune....	Active	 
Abhijeet Malghe	ammalge@mech.mitaoe.a...	MIT AOE - ...	MIT AOE	ammalge@mech.mitaoe.a...	Active	 

5. Academics Monitoring

Moodle (LMS)



The screenshot shows the MITAOE Moodle Dashboard. The left sidebar contains links to Dashboard, Site home, Calendar, Private files, and Site administration. The main content area displays the MITAOE Mission & Vision, a MISSION statement, a VISION statement, and a Timeline section. The Timeline section indicates 'No upcoming activities due'.

MITAOE Mission & Vision

MISSION

To leave no stone unturned in our endeavour to ensure that every alumnus looks back at us and says MITAOE has not merely taught us, it has educated us.

VISION

To develop MITAOE into a world-class learning center with an excellent ambience for academics and research conjugated with vibrant environment for honing the extra and cocurricular skills of all its stake holders to enable them to meet the challenge of a fiercely competitive world.

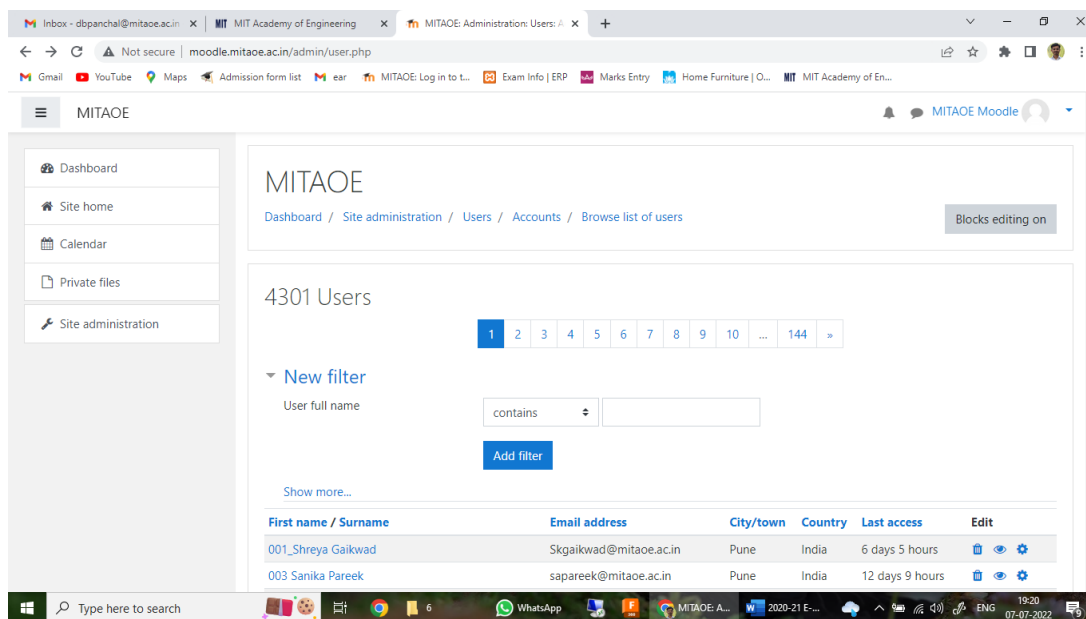
Analytics Graphs

- Grades chart
- Content accesses
- Number of active students
- Hits distribution

Timeline

No upcoming activities due

Recently accessed courses



The screenshot shows the MITAOE Moodle User Administration page. The left sidebar contains links to Dashboard, Site home, Calendar, Private files, and Site administration. The main content area displays the MITAOE User Administration interface, including a list of users and a filter section.

MITAOE

Dashboard / Site administration / Users / Accounts / Browse list of users

4301 Users

New filter

User full name contains

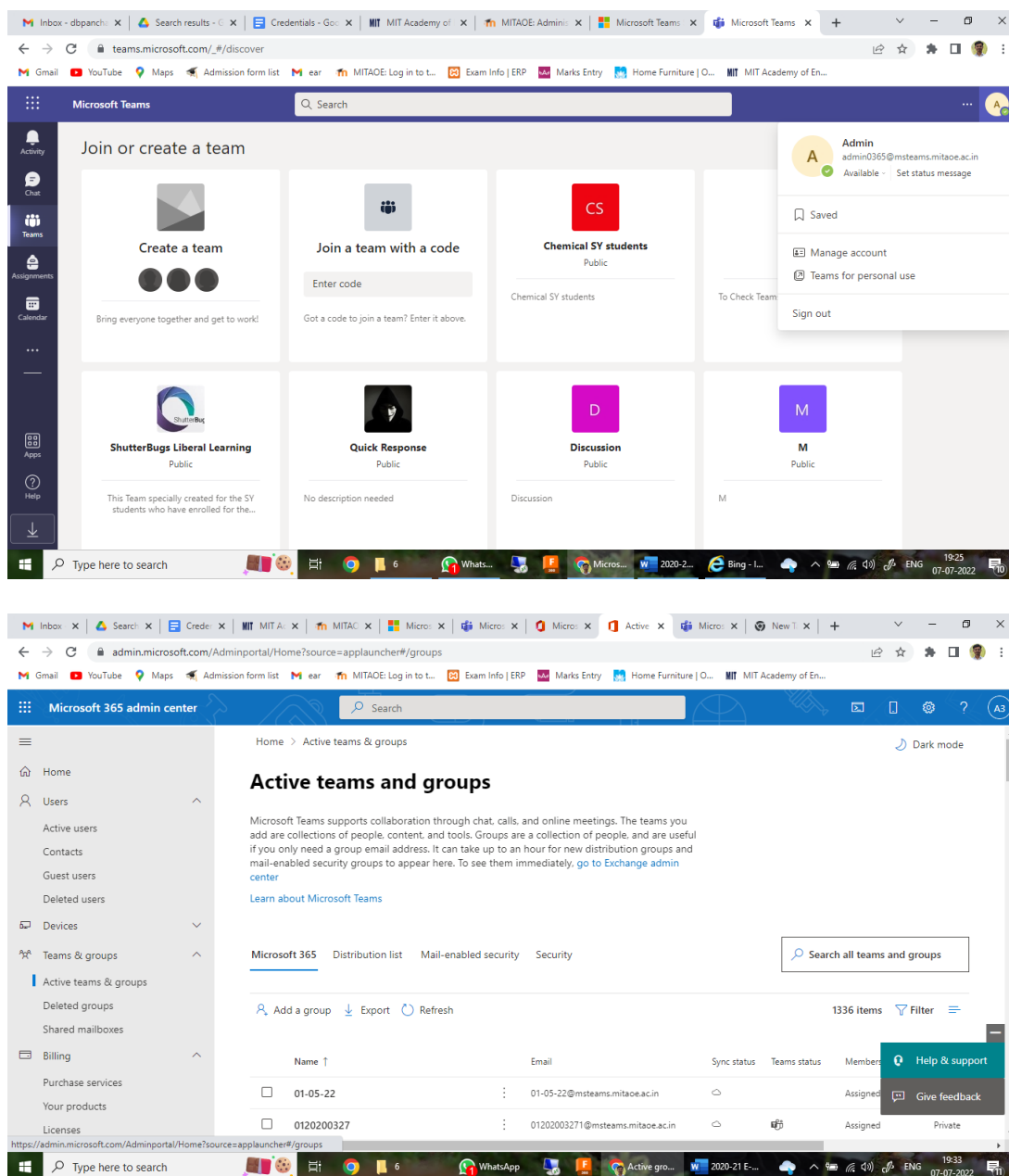
Add filter

Show more...

First name / Surname	Email address	City/town	Country	Last access	Edit
001_Shreya Gaikwad	Sgaikwad@mitaoe.ac.in	Pune	India	6 days 5 hours	Edit
003 Sanika Pareek	sapareek@mitaoe.ac.in	Pune	India	12 days 9 hours	Edit

6. Online Conferencing

MSTeams and office 365 web licenses



The image displays two screenshots of the Microsoft Teams and Microsoft 365 Admin Center interfaces.

Top Screenshot: Microsoft Teams

The Microsoft Teams interface shows the "Join or create a team" page. The left sidebar includes navigation options: Activity, Chat, Teams, Assignments, Calendar, Apps, and Help. The main content area displays several team cards:

- Create a team:** Bring everyone together and get to work!
- Join a team with a code:** Got a code to join a team? Enter it above.
- Chemical SY students:** Public team.
- ShutterBugs Liberal Learning:** Public team. This Team specially created for the SY students who have enrolled for the...
- Quick Response:** Public team. No description needed.
- Discussion:** Public team.
- M:** Public team.

The right sidebar shows the user profile for "Admin" (admin0365@msteams.mitaoe.ac.in) with options: Saved, Manage account, Teams for personal use, and Sign out.

Bottom Screenshot: Microsoft 365 Admin Center

The Microsoft 365 Admin Center interface shows the "Active teams and groups" page. The left sidebar includes navigation options: Home, Users, Active users, Contacts, Guest users, Deleted users, Devices, Teams & groups, Active teams & groups, Deleted groups, Shared mailboxes, Billing, Purchase services, Your products, and Licenses.

The main content area displays the "Active teams and groups" section with a search bar and a table of active teams.

Name	Email	Sync status	Teams status	Members
01-05-22	01-05-22@msteams.mitaoe.ac.in	Assigned	Private	
0120200327	01202003271@msteams.mitaoe.ac.in	Assigned	Private	

The bottom of the screenshot shows the Windows taskbar with various applications open, including Chrome, WhatsApp, and Microsoft Edge.

Thank you