MES's Wadia College of Engineering Pune

Reflection

A newsletter of Department of Computer Engineering

> **FUTURE EDUCATION**
> Education is the passport to the future, for tomorrow belongs to those who prepare for it today. –Malcolm X

Message From Head of The Department

Dear Readers,

It is my pleasure to welcome you to the 30th issue of *Reflection*! This milestone edition celebrates the journey of our department and the incredible progress we've made together. Inside, you'll find stories that highlight our achievements, innovative projects, and the hard work of our talented students and faculty.

As we look forward, we remain committed to excellence, embracing challenges, and fostering a vibrant learning community. I am proud of what we have accomplished and excited for what lies ahead. I congratulate the Editor, Dr. A. P. Kale, Mrs. A. A. Shahbad and her student team who have played a wonderful role in getting the newsletter published.

Thank you for your continued support and engagement with our department.

Dr. (Mrs.) Nuzhat F. Shaikh

Message From the Editor

We are presenting you with the thirtieth issue of our newsletter "Reflection". Our intention is to put out two issues per year, one at the end of May and the other at the end of December. The success of this newsletter depends on your response. I would appreciate your feedback.

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Dr. (Mrs.) Archana P. Kale

My Campus MESCOE, PUNE-01

CLASS TOPPERS

SE 1

RATHOD PRIYA
9.66

SHAIKH AFNAN NASEER
9.59

KOLTE SOUNDARYA
9.52

PATIL VIRENDRA
9.23

SIDDHANT AGWAN
9.18

SE 2

KHUNE RADHA RAHUL
9.39

MISHRA SUHANI
9.39

BORSE GAYATRI
9.3

DHAKE DHYANDA
9.18

PATIL SARTHAK
9.16

SURYAWANSHI AYUSHA
9.16

YERE SARTHAK
9.09

SE - SS

WADHWANI PRANJAL
9.61

PAWAR GAURAV KISAN
9.57

DONTULWAR TUSHAR
9.57

MANAV KOKNE
9.39

PATOLE SWATI
9.25

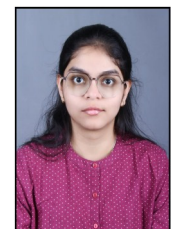THAKARE VEDANT
9.11

TE 1

MARNE POORAVA
9.64

SUCHITA GOND
9.38

AGHAV SAMPADA
9.36

ACHARYA AYUSH
9.29

KOLTE ANUSHREE
9.26

TE 2

THOMBARE DHANASHREE
9.43

KUMAWAT SUNIL
9.36

GULAVE SAKSHI
9.12

MARATHE CHETAN
9.1

SHINDE SHANTANU
9.02

GUJAR PURVA
9.02

CLASS TOPPERS

TE 3

SANIA NIDAGUNDI 9.6	PAJGADE NANDINI 9.31	SHAIKH RIDA NISAR 9.29	PANDEKAR SHREYA SAMPAT 9.26	MUGDHA ARVIND 9.17

BE 1

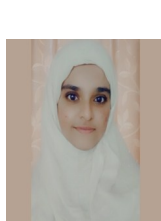|				
SHRADHA PASHILKAR 9.59	CHAUDHARI JAYESH 9.17	PATEL ZOYA MARIAM KHALID 9.12	PABITWAR SANDESH 9.09	SIDDHI AGARWAL 9.07

BE 2

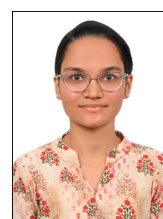|					
PATHAK AKANKSHA 9.7	KULKARNI RADHAIYA 9.4	MORE MANISH MAHENDRA 9.4	SHARMA ABHISHEK 9.35	SABANE KARTIK 9.28	DEORE ATHARVA 9.25

BE SS

KORGAONKAR VAISHNAVI 9.41	DEOKAR TANMAY 9.36	KACHLE SIMRAN 9.23	SHAIKH MALAN 9.22	JAGDALE SHWETA 9.21

"If the plan doesn't work, change the plan, but never the goal."

Guest Lectures

1. A guest lecture was arranged for the students of SE on the topic "Integrating Artificial Intelligence with MATLAB" on 1st Aug 2024. The speaker for the session was Mr. Ankit Kumar, Application Engineer Mathwork, DesignTech System Pvt. Ltd. The speaker enlightened the students make the students familiarize with Artificial Intelligence and impart the Knowledge to the students with MATLAB software.

2. A guest lecture was arranged for the students of TE on the topic "Industry Coding Standards (In Association with CSI)" on 23rd Aug 2024. The speaker for the session was Mr. Namdeo Manek Associate Manager Development, Mediaocean Pvt Ltd. The speaker enlightened the students about to learn various ways of coding standard.

3. A guest lecture was arranged for all year students of on the topic "Smart India Hackathon 2024" on 11th Sept 2024. The speaker for the session was Dr. Santosh Darade, Assistant Professor & Chief Operating Officer in MIT WPU. The speaker talked about bringing awareness about Smart India Hackathon 2024 and enable the students to explore various domains of the competition procedure.

4. A guest lecture was arranged for all year students of on the topic "Career Guidance on Higher Studies" on 20th Sept 2024. The speaker for the session was Mr. Yash Paunikar, Satguru Overseas Education. This guest lecture provides Career Guidance for students to identify right Job Opportunities and for those who wish to pursue higher education courses like MS and PhD.

5. A guest lecture was arranged for TE students of on the topic "Career Full Stack Development (In Association with CSI)" on 4th Oct 2024. The speaker for the session was Mr. Deepak Patil, Full Stack developer, CITRIX System Pvt Ltd. This guest lecture explored Full Stack Web Development, recent methods in Java. And Modern Application Development for full stack development .

6. A guest lecture was arranged for TE students of on the topic "Basic of LaTex" on 3rd Oct 2024. The speaker for the session was Mr. Siddharth Bhalerao, Research Associate, Oneirix Engineering Laboratories Pvt. Ltd. This guest lecture made students introduced the participants to the basics of Latex and develop student skills to prepare project reports and research papers in LATEX by using different LATEX commands.

7. A guest lecture was arranged for TE students of on the topic "Explore GEN-AI Trends" on 3rd Oct 2024. The speakers for the session were Mr. Nishan Jain, Mr. Shreyas Damle, Ms.Dristy Srivastava, Mr.Basavraj Hooli, DAXA. This guest lecture made students introduced to understand about GEN Artificial Intelligence and educated students with comprehensive understanding of applications and benefits of GEN AI.
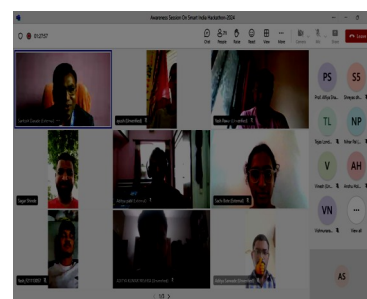
Spoken Tutorial

Year	Course Name	Strat Date	End Date	Total Participants
SE	C and CPP	20th Sept 2024	15th Nov 2024	167
	Linux	20th Sept 2024	30th Nov 2024	167
TE	LaTex	1st Aug 2024	30th Nov 2024	154
	RDBMS PostgreSQL	1st Aug 2024	30th Nov 2024	154
BE	R	1st Aug 2024	15th Nov 2024	217
	Git	1st Aug 2024	30th Nov 2024	217

1. Foundation Day : On the occasion of Foundation Day, Wadia COE proudly celebrated 25 glorious years of academic excellence, innovation, and growth on 5th July 2024. The event marked a significant milestone in the institution's journey, reflecting on its legacy of empowering students, fostering a spirit of learning, and contributing to societal development. Faculty, students, alumni, and dignitaries came together to commemorate this special day, honoring the achievements of the past and looking forward to a future filled with new aspirations and continued success.

2. Independence Day : On the occasion of Independence day, flag hoisting was held on 15th August 2024 at 7:50 AM. College staff and student were present for the flag hosting. Flag hosting is done by respected Principal Dr. M. P Dale.

3. Teacher's Day : Teachers day is celebrated as a tribute to the valuable contribution made by teachers to the society by imparting knowledge and enlightening and shaping the career of students. This year on behalf of the MES, we have celebrated Teacher's Day on 5th Sept. 2023 at Wadia College of Engineering.

4. Saraswati Pooja and Ayudh Pooja (Navratri/Dussehra 2024): On this occasion Ayudh Pooja was organized on 11th Oct 2024 in 302. All the teaching and non-teaching staff were present for the pooja. All teaching and non-teaching staff presents on this occasion worshiped goddess Saraswati and other instruments of the department.

Accept life as it is. Then work to make it the way you want it to be. -Cindy Francis

Dr. (Mrs.) N. F. Shaikh -
- Attended the 58th ICT Bridge (Industry institute interaction) on 23rd August at Hotel Hyatt, Pune.
- Visited at Tata Consultancy Services, Hinjewadi, Pune on 6th Sept 2025.

Dr. (Mrs.) A. P. Kale and Dr. (Miss) R. M. Wahul -
Visited at Maharashtra State Electricity Distribution Company Limited (MSEDCL), Testing & Quality Assurance Lab, Phursungi, Pune under the MoU of Maharashtra State Electricity Distribution Company Limited (MSEDCL) on 19th Nov 2024. The industry institute interaction provided valuable technical insights and practical knowledge related to MSEDCL problems to be solved by applying engineering concepts. The feedback from MSEDCL expert helped to refine approach and enhance the feasibility of PBL II work.

Dr. (Mrs.) S. K. Wagh -

Visited to Desai Electronics and R2A Automation on 3rd Sept 2024.

Dr. (Mrs.) S. K. Wagh, Dr. G. S. Pole and D. D. Ahir -

Visited to Just Data Sciences was scheduled on 12th July 2024. We are proud to share that the founders of Just Data Sciences are distinguished alumni from the Computer Engineering batch of 2005. As a result of this collaboration, four students from the 2024 batch have secured placements in data science roles, and three students from the 2025 batch have been placed at Just Data Sciences, Pune.

Wadia CoE IIC Activities

Sr. No.	Name of the Activity	Name of Expert	Affiliation of Speaker	Date
1.	Session on why of life and why of startup	Nikhil Jain	Cofounder & CMO Mealawe	16th October 2024
2.	Session on benefits of building a physical startup	Rohan Kokil	Founder Yoga4amigos	15th October 2024
3.	Session on how to build a winning product and research	Prathamesh Choudhary	Founder & CEO Ele-spa	11th October 2024
4.	Session on Intellectual Properties	Vidhi Jain	Cofounder - DelightXpress	18th October 2024
5.	Session on unlocking your potential	Rohan Kokil	Founder Yoga4amigos	12th October 2024
6.	Session on Tech innovation and understanding your customer	Nikhil Jain	Cofounder & CMO Mealawe	18th October 2024
7.	Session on finding a gap with innovation	Prathamesh Choudhary	Founder & CEO Ele-spa	23th October 2024
8	session on startup agreements, drafting and IP	Vidhi Jain	Cofounder - DelightXpress	18th October 2024
9	Session on finding your passion and how to scale it	Rohan Kokil	Founder Yoga 4amigos	16th October 2024
10	Session on finding your delta growth 18%	Vihanga Bhosale	Psychologist & Wellness Expert	4th October 2024
11	Session on Brand Building and marketing case studies	Atharva Patil	Marketing Lead	10th October 2024

Department MoU

Sr. No.	Name of Company	Date of signing MoU	Validity of MOU
1	Greateway Software Pvt. Ltd., Pune	4th Sept 2024	Lifetime
2	Maharashtra State Electricity Distribution Company Ltd. (MSEDCL), Pune	27th Sept 2024	Lifetime

The workshop titled "Data Structure using Python" was arranged for SE students on 21st Sept 2024. The speaker for this workshop was Ms. Sneha Chavan, Software Quality Assurance Engineer at Corence Service India. She talked about basic concepts of python like functions, modules, and packages, by highlighting their role in writing clean and reusable code. The workshop was the hands-on session, where participants applied the concepts they learned, gaining practical experience in Python programming. She took hands-on session on DSA related problems.
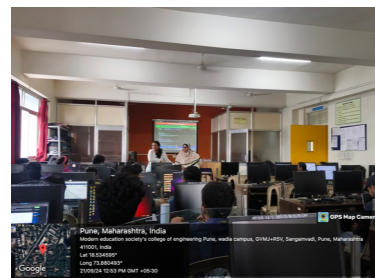
Student Achievements

Sr. No	Name of Student	Class	Achievement Details	Rank	Date
1	Shivraj Warghade	TE	11th GMDR National Sqay Championship National—Jammu and Kashmir	-	26th June 2024
2	Shivraj Warghade	TE	12th International Masters Cup SQAY Championship -International Level	-	27th to 28th June 2024
3	Sahil Mahendra Bhosale	TE	SPPU Pune City Zonal Sport Committee's 21 km Half Marathon -Inter-College -SPPU, Pune	3rd	17th Oct 2024
4	Sahil Mahendra Bhosale	TE	Sinhagad Epic Trail - by Western Ghats Running Foundation. 21 km - International level at Sinhagad, Western Ghat Ranges, Pune	1st	29th June 2024
5	Chetan Pawar	BE	125 kg (Super Heavy Weight) in Wrestling at Pune City Zonal Sports Competition	2nd	2nd Dec 2024

BE Placements

Company Name	Student Name
Ellicium	Anushka Jaywant Kharade, Amaan Shabab Sayyad, Ayush Surendra Acharya, Kalpesh Vilas Baviskar, Kaushal Maruti Borkar, Mugdha Arvind, Sahil Manoj Vichare, Shrikar Bharat Kolte, Sunil Nemichand Kumawat, Yash Mangalmurti Kirnapure
Tech Mahindra	Sampada Aghav, Shubham Chitampalle, Kalpesh Baviskar, Ayush Acharya, Omkar Latpate, Ashishkumar Pandey, Omkar Chougule, Shantanu Bhosle,
Coditas	Mitali Pratap Konde, Purva Santosh Gujar, Sania Nidagundi
Elastik	Pushkaraj Chauhan, Prathamesh Sable, Nandini Pajgade, Mosin Inamdar

Staff Workshop / FDP/ STTP

Sr. No.	Faculty Name	FDP/STTP/Workshop Attended	Date
1	Dr. R. M. Wahul and Dr. A. P. Kale	One week STTP program on "Augmented Reality And Virtual Reality", organized by Computer Engineering Department of KJ College of Engineering and Management Research, Pune.	8th to 12th July 2024
2	Dr. J. R. Pansare, Dr. R. M. Wahul, Dr. A.P.Kale, and Dr. G. S. Pole	One week International Faculty Development Program titled AI for Sustainable Development from, organized by VIIT, Pune from	5th to 9th Aug 2024
3	Dr. J. R. Pansare	One Week FDP on "Generative AI-Novice to Master"	5th to 16th Aug 2024
4	Dr. G. S. Pole	FDP on "Industry 5.0 - Security Issues in Generative AI", organized by D Y Patil College of Engineering, Pune.	19th to 23rd Aug 2024
5	Mrs. A. S. Shahbad	One week international Faculty Environmental Engineering and IEEE VIIT Student Branch.	5th to 9th Aug 2024
6	Dr. J. R. Pansare	FDP on "Cloud-native Application Development" from organized by AISSMS's IOIT (Under ATAL), Pune	9th to 14th Sept 2024
7	Dr. N.F.Shaikh, Dr. S. P. Khedkar, C.Y.Vakte, A. S. Shahbad	FDP on "Generative- AI" organized by Department of Computer Engineering, Pimpri Chinchwad College of Engineering and Research, Ravet, Pune.	7th to 12th Oct 2024
8	Dr. S. P. Khedkar, Dr. S. P. Deore and Dr. G. S. Pole	FDP on "Digital Twin" organized by Department of Computer Engineering, MMCOE, Pune.	7th to 12th Oct 2024
9	Dr. J. R. Pansare and Dr. S. P. Deore	FDP on "Outcome based Education" in line with NBA conducted by Sanjivani Pratisthan, Mumbai Sanchalit S. P. I. T. POLYTECHNIC.	14th to 18th Oct 2024
10	Dr. N.F.Shaikh	NEP Orientation & Sensitization Programme, organized by The Malaviya Mission Teacher Training Centre (Formerly TLC), Coimbatore Institute of Technology, Coimbatore	11th to 19th Nov 2024
11	Dr. S.R.Khonde, Dr. S. P. Deore and Dr. B. K. Bodkhe	FDP on "Generative AI and its Multi-domain use cases" organized by VIT, Pune	02nd to 06th Dec 2024
12	Dr. N.F.Shaikh and Dr. S. P. Deore	International Online FDP on "Usage of Deep Learning, Machine Learning and Artificial Intelligence Towards Smart Mobility" organized by department of E&TC, Koneru Lakshmaiah education foundation, Hyderabad	16th to 21st Dec 2024
13	Dr. S.R.Khonde	ATAL FDP on "Advanced Computing Redefined: Exploring AI, Quantum Computing and Cyber Security Synergies at Shreeyash Pratishthan's Shreeyash College of Engineering.	25th to 30th Nov 2024
14	Dr. R. M. Wahul	FDP on "Advancements in AI with IoT for Sustainability" organized by JSPM'S Rajarshi Shahu College of Engineering, Pune.	16th to 20th Dec 2024
15	Dr. S. R. Khonde	Symposium on Emerging Trends in 6G Technologies organized by Department of E&TC, AISSMS CoE, Pune.	16th to 20th Dec 2024
16	Dr. B. K. Bodkhe , Dr. A. P. Kale and Dr. G. S. Pole	Faculty Development Program on Revolutionary AI: Blending Generative Power With Learning Machines Organized by Department of CSE-AI & CSE-AIML, Vishwakarma Institute of Technology, Pune	16th to 20th Dec 2024
18	Prof. C. Y. Vakte and Prof. A. A. Shahbad	AICTE Training And Learning (ATAL) Academy Faculty Development Program on Cyber Security and Ethical Hacking at AIT, Pune.	02nd to 7th Dec 2024
19	Dr. B. K. Bodkhe	FDP on "Sustainable Manufacturing Practices and Environmental Impact Optimization Techniques" organized by ATAL at Dayananda Sagar CoE.	9th to 14th Dec 2024
20	Dr. B. K. Bodkhe	FDP on "Transforming Industry 4.0 with Digital Twins: Enhancing Sustainability with Manufacturing Efficiency" by ATAL Academy.	16th to 21st Dec 2024
21	Prof. S. A. Sapal	AICTE Training And Learning (ATAL) Academy FDP on High Performance Computing for Data Intensive and Complex AI Applications	02nd to 07th Dec

Dr. (Mrs.) S. K. Wagh-

- Under the guidance of Dr. Sharmila K. Wagh, Priti Jorvekar successfully completed her PhD at Savitribai Phule Pune University (SPPU), Pune. Her research focused on "An Intelligent Predictive Algorithm for Crop Production using Soil and Meteorological Parameters in the Agricultural Domain" in the field of Computer Engineering.
- Worked as External Expert for PhD Progress at VIT, Pune on 10th July 2024.
- Worked as reviewer at the 8th International Conference on Computing, Communication,Control and Automation (ICCUBEA-2024) organized by Pimpri Chinchwad College of Engineering, Nigdi, Pune, India on 23rd to 24th August 2024.

Dr. B. K. Bodkhe was awarded a P.hD. in Computer Science and Engineering on the topic of "Experimental Analysis of Available Healthcare Dataset Using Various Classification Algorithms ", from I.K Gujral Punjab Technical University, Kapurthala, Punjab on 9th August 2024.

Dr.(Mrs.) S.P.Deore was completed four week NPTEL certification on "Python for Data Science".

Dr. (Mrs.) A. P. Kale -

- Developed and successfully launch the an automation system titled "Automation of Processes in NABL-accredited TQA Laboratory in collaboration with Vishwakarma Institute of Information Technology (VIIT) College of Engineering Pune under the MoU of Maharashtra State Electricity Distribution Company.
- Reviewed the papers of Discover Applied Sciences, Electrical Engineering and BMC Medical Informatics and Decision Making.

Dr. G. S. Pole was awarded a P.hD. in Computer Science and Engineering on the topic of "An efficient outlier detection method using incremental semi-supervised cluster-based ensemble for categorical data", from KL Deemed to be University, Vijaywada, Andhra Pradesh on 14th Nov 2024.

Mrs. D. D. Ahir was won the Avishkar competetion at Shrimati Kashibai Navale College of engineering, Pune and got selected for the zonal level Avishkar competetion.

1. Dr. (Mrs.) N. F. Shaikh
- Published a paper titled, "Analysis of Learning Algorithms for Predicting Carbon Emissions of Light-Duty Vehicles", in International Journal of Advanced Computer Science & Applications 15 (7), 2024. [SCI-Q3 and Scopus Indexed]
- Published a paper titled "Novel Deep Neural Network Approach for the Sarcasm Detection in Hindi Language", in International Journal of Intelligent Systems and Applications in Engineering, 12(10s), pp. 487–494, 2024. [Scopus Indexed]
- Published a paper titled "Deep Learning for Skin Cancer Classification: A Comparative Study of CNN and VGG16 on HAM10000 Dataset", in Communications on Applied Nonlinear Analysis ISSN: 1074-133X Vol. 31, No. 4s, 2024. [Scopus Indexed]
- Published a paper, "Analysis and Exploration of Carbon Emission Dataset using Machine Learning Techniques", in Panamerican Mathematical Journal, 34(4), pp. 614–624, 2024. [Scopus Indexed]

2. Dr. (Mrs.) S. K. Wagh published a paper entitled "Predictive modeling of crop yields: a comparative analysis of regression techniques for agricultural yield prediction", in Agricultural Engineering International CIGR Journal, Q3 Open Acess.Journal. [Scopus Indexed]

3. Dr. (Mrs.) J. R. Pansare published a paper entitled "A Secured and Fault-tolerant Algorithm for Electing an Efficient Coordinator in Distributed Networks", Elsevier: e-Prime - Advances in Electrical Engineering, Electronics and Energy, September 2024. [Scopus Indexed]

4. Dr. (Mrs.) S. R. Khonde published a paper entitled "Sentiment analysis and stock data prediction using financial news headlines approach", in Revue d'Intelligence Artificielle, Vol. 38, No. 3, pp. 999-1008, 2024. [Scopus Indexed]

5. Dr. (Mrs.) S. R. Khonde and Dr. (Mrs.) S .P. Khedkar published a paper entitled "Secured Online Payment using Blockchain Technology", in LetterICIC Expresss, Vol. 18, No. 11, pp. 1127-1136, November 2024. [Scopus Indexed]

6. Dr. (Mrs.) S. P. Khedkar published a paper entitled "Integrating Human Pose Regression with Motion Analysis and Lightweight Edge Solutions for Advanced Pedestrian detection", in International Journal of Electrical and Electronics Engineering Vol. 11, Issue 12, Dec 2024.

7. Dr. (Mrs.) S. P. Khedkar published a patent on "AI based Device to Identify Function of Blood Circulation on 4th Oct 2024.

8. Mrs. D. D. Ahir published a paper entitled "Evaluation of Elasticsearch Ecosystem Including Machine Learning Capabilities" International Journal of Safety and Security Engineering, Vol. 14, No. 4, pp. 1293-1303, 2024.

9. Mrs. A. A. Shahbad published a paper entitled " Reinforcement Learning-Based Deep FEFM for Blockchain Consensus Mechanism Optimization with Non-Linear Analysis", in Journal of Computational Analysis and Applications, Vol. 33, No. 5, 2024.