

"Where Mechanics, Electronics and Computing Converge"

DEPARTMENT OF MECHATRONICS ENGINEERING

A.Y. 2025-26 (SEM-II) • June 2026



Welcome and best wishes to all the friends of the Department who receive this Newsletter.

This Newsletter is an attempt towards achieving Motivation. This is one of the first university affiliated departments in the Savitribai Phule Pune University to offer a Bachelor of Engineering degree program in Mechatronics Engineering.

Vision, Mission & PSO

Vision

To be a centre of excellence in mechatronics engineering producing competent professionals capable of developing innovative solutions for industry and society.

Mission

M1: Providing quality education in interdisciplinary domains through integration of hardware and software systems, while fostering professional ethics and lifelong learning for industry and societal needs.

M2: Equipping students with skills to design, develop, and implement efficient, reliable, and socially relevant engineering solutions through teamwork, innovation, and effective communication.

M3: Promoting innovation, practical learning, and strong industry interaction, enabling students to address real-world challenges and pursue research, entrepreneurship, and emerging technologies.

Program Specific Outcomes (PSO)

PSO1: To be able to apply fundamentals of mechanical, electrical, electronics and control engineering to design, analyze and maintain a mechatronics system.

PSO2: To be able to develop and implement solutions for industrial and societal problems applying multidisciplinary engineering principles.

MESSAGE FROM HEAD OF THE DEPARTMENT



Dr. Sonali S. Patil

Head of Department, Mechatronics

It is a matter of great pride and pleasure to present this edition of the Mechatronics Engineering Department Newsletter. Our department strives to create an environment that encourages innovation, experiential learning and technical excellence. By integrating mechanical engineering, electronics, computing and control systems, Mechatronics Engineering empowers students to explore emerging technologies and develop solutions for real-world engineering challenges.

This newsletter reflects the continuous efforts and accomplishments of our students and faculty through academic initiatives, expert lectures, technical workshops, industry interactions, innovative projects and co-curricular activities. These initiatives foster technical competence, creativity, teamwork and problem-solving skills while helping students understand evolving industry requirements and technological advancements.

As we move towards an increasingly automated and technology-driven world, I encourage our students to remain inquisitive, embrace new challenges and pursue continuous learning. Let us work together to strengthen our culture of innovation, research and collaboration, preparing our graduates to become competent engineers and responsible professionals.

Wishing the department continued success in its pursuit of knowledge, innovation and excellence.

- Dr. Sonali S. Patil (HoD Mtrx.)

EDITOR'S VIEW

I am delighted to share this edition of the Mechatronics Engineering Department Newsletter, showcasing the academic accomplishments, technical activities and innovative efforts of our students and faculty. It reflects the department's dedication to nurturing technical skills, creativity and industry-oriented learning. May this edition motivate our students to explore new ideas, embrace emerging technologies and continue contributing to the growth and excellence of the department.

- Asst. Prof. Akshay U. Padekar (Faculty Editor)

Faculty Achievements

Our faculty members continued to bring pride to the department through research and continuous learning.

Prof. Dr. Yogini Borole successfully completed her one-year Postdoctoral Research Fellowship at the Singapore Institute of Technology (SIT), Singapore. Her research was on "An IoT-AI Enabled Smart Biomarker Platform for Early Detection and Secure Monitoring of Metabolic and Cardiovascular Diseases," showcasing excellence in AI, IoT and healthcare innovation and bringing pride to MMIT.

Mr. Akshay Ujjwal Padekar was recognised as an NPTEL Discipline Star (Mechanical Engineering) for the January–April 2026 session. This achievement reflects his dedication to continuous learning, academic excellence and enhancing his technical knowledge.

Faculty Achievement Gallery



Prof. Dr. Yogini Borole
Mechatronics Engg. Dept

The Mechatronics Engg. Dept. proudly congratulates Prof. Yogini Borole on successfully completing her one-year Postdoctoral Research Fellowship at the Singapore Institute of Technology (SIT), Singapore, where she conducted research on "An IoT-AI Enabled Smart Biomarker Platform for Early Detection and Secure Monitoring of Metabolic and Cardiovascular Diseases," showcasing excellence in AI, IoT, and healthcare innovation while bringing pride to MMIT.

Prof. Dr. Yogini Borole
Postdoctoral Fellowship, SIT Singapore



Mr. Padekar Akshay Ujjwal
Mechatronics Engg. Dept

Heartiest congratulations on being recognized as an NPTEL Discipline Star for the January - April 2026 session. This remarkable achievement reflects his dedication to continuous learning, academic excellence, and commitment to enhancing his technical knowledge, making the entire MMIT family proud.

Mr. Akshay U. Padekar
NPTEL Discipline Star, Jan–Apr 2026

Student Achievements

Our students continued to excel beyond the classroom through hackathons, internships, research and leadership roles in technology communities.

Shrivardhan Bandgar



- India AI Impact Buildathon
- AMD Hackathon (Rank 26)
- AI-ML Internship
- Member of Google Cloud Community
- Member of NVIDIA Developer Community

Kaustubh Walunj



- Team Leader and Trainer with PMS Robotics Research Centre
- AI Conclave – Panel Discussion on "India AI's Moment"
- Team Leader for Skill Development Activities
- AI Automation and Chatbot Development

Rutwi Chaudhari



- GDG AI Program (Australia) – Team Leader
- Data Science Internship
- Web Development Internship

Yojit Giri & Aditya Shinde



Developed a biomedical prototype approved by the Central Drugs Standard Control Organization (CDSCO), Ministry of Health & Family Welfare.

Academic Toppers

Congratulations to our toppers for their hard work and excellent results!

BE (Final Year)

RANK 1	RANK 2	RANK 3	RANK 3	RANK 3
				
Ashutosh Umashankar Agarwal SGPA: 9.85	Gayatri Raju Lokhande SGPA: 9.63	Aryan Sanjay Barbade SGPA: 9.25	Prajakta Kishor Kulkarni SGPA: 9.25	Bhavana Phegade SGPA: 9.25

TE (Third Year)

RANK 1	RANK 2	RANK 3
		
Uday Santosh Taware SGPA: 9.67	Sanskruti Atul Deokar SGPA: 9.57	Prajakta Sanjay Gadkar SGPA: 9.43

SE (Second Year)

RANK 1

Atharv Sanjay Wakade SGPA: 7.70

Career Development

Mock Interview & Career Guidance Session

The department organised a Mock Interview and Career Guidance Session for B.E. students, conducted by our alumnus Mr. Kaustubh Dharmadhikari, Business Development Manager, Polycab India Limited.

Students faced an interview panel in a real interview setting, which helped them prepare with confidence for campus placements.



Expert Lectures

Expert Lecture on “Electric Vehicles – Technology, Trends & Industry Applications”

Date: 17th March 2026

The department organised an expert lecture that gave students valuable insights into EV technologies, battery systems, electric motors, charging infrastructure, control systems and emerging industry trends. It also highlighted career opportunities in the fast-growing electric mobility sector.

The lecture helped students connect theory with real-world applications of electric vehicle technology. The expert discussed technological advancements and the importance of sustainable transportation, and encouraged students to build industry-relevant skills for careers in electric mobility.



Expert Lecture on “Aerospace Opportunities & Higher Studies”

Date: 16th April 2026

Mr. Shainath Kalamkar, Advanced Lead Engineer – Aero CFD Methods at GE Aerospace, Bengaluru, delivered this lecture. The session covered Computational Fluid Dynamics (CFD), advanced engineering simulations, aerospace applications and emerging career opportunities for mechatronics engineers.

The speaker also guided students on higher education, research opportunities and the technical skills industry expects. The interactive session encouraged students to explore interdisciplinary learning and careers in the aerospace sector.





Expert Lecture on Automotive Communication Technologies

The department organised an expert lecture on “AutoLink-100: IEEE 802.3bw Based Single-Pair Ethernet PHY for Automotive and Industrial Systems” by Mr. Ajay Kotian, Product Sales Manager, NXP Semiconductors, Munich, Germany.

The session gave students insights into the communication technologies used in connected vehicles, robotics, automation and Industry 4.0 applications.

Placements (A.Y. 2025-26)

The department achieved 100% placement in A.Y. 2025-26. All 22 students who registered for placement were placed in 11 companies, with a highest package of 5.50 LPA and an average package of 4.00 LPA. Congratulations to all our placed students!

Registered	Placed	Placement %	Max. Salary	Min. Salary	Avg. Package
22	22	100%	5.50 LPA	1.20 LPA	4.00 LPA

Company-wise Placements

Sr. No.	Company	Placed Students	No.
1	TE Connectivity	Ghadge Shreyash, Khemnari Disha, Mokate Atharv	3
2	SDE	Doraje Tushar, Avhad Aditya, Barbade Aryan, Phegade Bhavna, Paul Asmita, Vyavahare Sakshi	6
3	Proexcel Systems	Tupake Rucha, Phegade Bhavesh, Mhetri Prajwal	3
4	Zenvexa	Bhadoriya Anurag, Tingre Ajinkya	2
5	Helical Auto Technology India Pvt. Ltd.	Shaikh Imran, Kulkarni Prajakta	2
6	Catrobotics	Gadage Pravin	1
7	Eraa Pvt. Ltd.	Gavhane Sunil	1
8	Fourth Partner Energy	Agarwal Ashutosh	1
9	Bajaj	Mane Gajanan	1
10	HEMRL	Hadpad Mayur	1
11	SMC	Suryawanshi Sujit	1

Our Placed Students



Ghadge Shreyash
TE Connectivity



Khemnra Disha
TE Connectivity



Mokate Atharv
TE Connectivity



Dorage Tushar
SDE



Avhad Aditya
SDE



Barbade Aryan
SDE



Phegade Bhavna
SDE



Paul Asmita
SDE



Vyavahare Sakshi
SDE



Tupake Rucha
Proexcel



Phegade Bhavesh
Proexcel



Mhetri Prajwal
Proexcel



Bhadoriya
Anurag
Zenvexa



Tingre Ajinkya
Zenvexa



Shaikh Imran
Helical Auto Tech



Kulkarni Prajakta
Helical Auto Tech



Gadage Pravin
Catrobotics



Gavhane Sunil
Eraa



Agarwal
Ashutosh
Fourth Partner



Mane Gajanan
Bajaj



Hadpad Mayur
HEMRL



Suryawanshi Sujit
SMC

Editorial Board & About Us

Editorial Board

STUDENT EDITOR

Sumedh Kamble

FACULTY EDITOR

Asst. Prof. Akshay U. Padekar

Department of Mechatronics Engineering

HEAD OF DEPARTMENT

Dr. Sonali S. Patil

About the Institute

Marathwada Mitra Mandal's Institute of Technology, Lohgaon Pune was established in 2008 and conducts the following courses leading to a Bachelor's Degree in Engineering:

- Computer Engineering
- Mechatronics Engineering
- Mechanical Engineering
- Civil Engineering
- Artificial Intelligence & Data Science
- Robotics & Artificial Intelligence

All these courses are approved by All India Council for Technical Education (AICTE), New Delhi, sanctioned by Govt. of Maharashtra and affiliated to Savitribai Phule Pune University. The Marathwada Mitra Mandal Society, Pune was established in 1963.

CONTACT US

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