



INSTRUCON Newsletter

Academic Year
2025-26

Instrumentation & Control Engineering
MVPS's KBT College of Engineering, Nashik <https://kbtcoe.org>

Institute Vision

- To be internationally accredited, Multidisciplinary, and Multi-collaborative institute working on technology enabled platform fostering innovations and patents through state-of-art academic system designed by highly qualified faculty for the development of common masses at large

Institute Mission

- To educate and train common masses through undergraduate, post graduate, research programs by inculcating the values for discipline, quality, transparency and foster career and professional development for employment thereby contributing to the development of society

Department Vision

- To be an accredited department of preferred choice among common masses in the multidisciplinary field of automation and control engineering.

Department Mission

- To prepare competent professionals to meet current and future demands of industry, academia and society of multidisciplinary field of automation.
- To strengthen collaboration with reputed industries and institute of global insight.
- To inculcate spirit of research and entrepreneurship amongst the students.

Program Educational Objectives

- Core competency in the multidisciplinary field of automation to cater to the industry and research needs.
- Multi-disciplinary skills, team spirit and leadership qualities with professional ethics, to excel in professional career and/or higher studies in Instrumentation and Control Engineering.
- Prepared to learn and apply contemporary technologies for addressing impending challenges for the benefit of organization/society.

InstruCon is the official newsletter of Instrumentation & Control Engineering department that keeps you up-to-date regarding what's happened in department. It is made possible by a small but dedicated team of department staff members. This annual newsletter covering the news of different activities organized and conducted by department in every academic year. To find a particular news with in this newsletter.

About Department

Department of Instrumentation and Control Engineering at Maratha Vidya Prasarak Samaj's Karmaveer Adv. Baburao Ganapatrao Thakare College of Engineering, Nashik was established in the year 1999. The main focus of our department is to teach technical knowledge to students, promote their problem-solving skills. Our faculty members have excellent academics record and highly regarded. We have state of art facilities to support our program. Possibly even more important is our continual commitment to our students, helping them to learn, grow, develop and achieve their goals in the professional career.

JULY- 2025

1. One Day Faculty Orientation Workshop on Universal Human Values

Prof. Dr. A. R. Kulkarni attended the Faculty Orientation Workshop on Universal Human Values on Monday, 30th June 2025, organized by UHV Cell LGM Institute of Eng. Education and Research, Nashik. The workshop focused on how to deliver contents to students. It was interactive sessions. Keywords: Proposal, natural acceptance, harmony, happiness, professional ethics (inclusive in harmony with self, with family, with rest of the nature thus mutual prosperity and preservation of natural resources)



2. Equipment/Instrument Donation to MVPS KBT COE, Department of Instrumentation & Control Engineering

On Friday, 11th July 2025, Dr. Seema Jadhav, Associate Professor, Department of Instrumentation and Control Engineering, MVPS' KBT COE, generously donated an Omron Digital Blood Pressure Monitoring Unit with an inbuilt Pulse Rate Measurement feature to the Biomedical Laboratory of our department. We sincerely thank Dr. Jadhav for her kind and valuable contribution towards the growth and development of our department.



3. Department Advisory Board (DAB) Meeting

Mr. S. D. Nikam, Assistant Professor in the Instrumentation and Control Engineering Department at MVP's KBT College of Engineering, Nashik, attended the Department Advisory Board Meeting at Rajshree Shahu Maharaj Polytechnic, Nashik on 11th July, 2025. As a DAB Member, he provided valuable guidance and recommendations, aimed at strengthening the department's academic framework and aligning it with current industry trends and students' orientation towards writing good technical papers and improving soft skills.

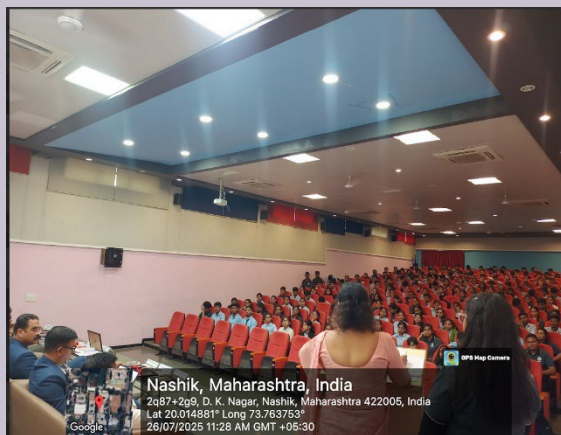


4. Inauguration of ISA (International Society of Automation) Student Chapter Followed by One-Day Student Development Program on “Industrial Automation”, organized by the Department of Instrumentation and Control Engineering, KBTCOE, Nashik, in association with ISA Maharashtra Section.

The Department of Instrumentation & Control Engineering, in association with ISA Maharashtra Section, inaugurated its ISA Student Chapter on 26 July 2025 at 10:30 am in the C-Building Seminar Hall. The inaugural ceremony was graced by eminent industry professionals and academicians, who shared their insights on the significance of professional networks and global industry exposure for engineering students.

Following the inauguration, a One-Day Student Development Program on “Industrial Automation” was conducted. The technical sessions covered diverse topics such as Industrial Internet of Things (IIOT), Instrument Performance, Fundamentals of Process Control, Machine Vision & Robotics, and Hazardous Area Classification. The sessions provided students with valuable knowledge on current industrial trends, automation technologies, and practical applications. This event successfully fulfilled the department's mission to strengthen

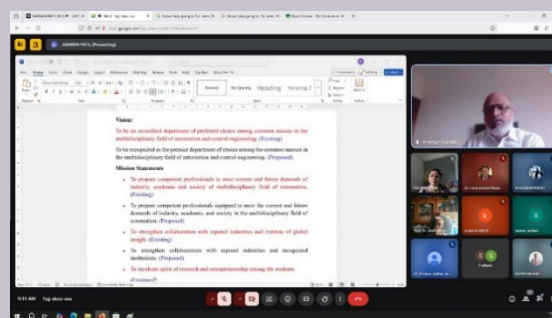
collaboration with reputed industries and institutes, offering students enhanced learning opportunities and professional growth.



AUGUST- 2025

1. Department Advisory Board (DAB) Meeting – 2025-26, Sem-I

The Department of Instrumentation and Control Engineering, MVP's KBTCOE, Nashik, conducted Department Advisory Board (DAB) Meeting on 9th August, 2025, via Google Meet. The meeting served as a platform for meaningful interaction between faculty members, industry experts like Prof. Dr. Omprakash Kulkarni (Scientist and Industry mentor), Mr. Pralhad Dhumal (GM, Fox Solutions), Prof. Dr. C. B. Kadu (Academician), parent representatives, and student representatives. Several valuable suggestions were put forward for revising the Vision, Mission, and Program Educational Objectives (PEOs) to ensure they remain relevant to current industrial practices and future trends. Recommendations also focused on integrating emerging technologies into the curriculum, fostering stronger industry-academia collaborations, and enhancing research and entrepreneurship initiatives for students. The constructive feedback received will guide the department in continuous improvement, ensuring students are better equipped with industry-ready skills and a global perspective.



2. Value-Added Expert Session on “Compliance & regulations of biomedical devices” organized by Department of Instrumentation and Control

The Department of Instrumentation and Control Engineering successfully organized a Value-Added Expert Session on “*Compliance and Regulations of Biomedical Devices*” for the Second Year (S.Y.) and Third Year (T.E.) students of Instrumentation and Control Engineering on 7th February 2026. The session was delivered by Hon. Mr. Narendra Singh, Director – Life Sciences at Capgemini, Bangalore, who shared valuable insights on regulatory frameworks, compliance standards, and their importance in the biomedical device industry.

The expert talk was conducted under his esteemed guidance and provided students with practical knowledge of industry practices. The session was coordinated by Mr. Santosh Pandit, Department of Instrumentation and Control Engineering. It proved to be highly inspiring and informative, offering students’ real-world exposure, professional guidance, and an inspiring entrepreneurial success story.



3. Participation in Gramsabha of Adopted Villages under Unnat Bharat Abhiyaan (UBA)

As part of the **Unnat Bharat Abhiyan (UBA)** initiative, the institute participated in the **Gramsabha at Borgaon Dhaga** held on **15th August 2025**. The meeting served as an important platform for community decision-making, where several developmental issues and schemes were discussed in detail. The following key points were highlighted during the Gramsabha discussions:

Housing & Rural Development: Implementation of *Pradhan Mantri Gramin Awas Yojana* and *Mukhyamantri Samruddhi Sampoorna Panchayat Raj Abhiyan*.

Health & Social Security: 100% coverage under *Ayushman Bharat Card* scheme; special provisions for 5% differently-abled, 10% women, and other marginalized groups.

Revenue & Tax Collection: Achieving 100% property tax and nomination recovery with 0% pending dues.

Sanitation & Cleanliness: Construction of toilets under *Swachh Bharat Abhiyan*; promotion of *Nirmal Shauchalay*; effective wet and dry waste segregation; promotion of *composting*.

Sustainability Initiatives: Installation of solar lighting and solar water pumps; tree plantation and conservation drives.

Plastic Waste Management: Complete ban on plastic usage, enforcement through penalty, and discouragement of single-use plastic.

Financial Management: Strengthening local financial and resource management systems.

Employment Generation: Exploring avenues for local livelihood opportunities and self-reliance programs.

Education & Digitalization: Making schools digitally enabled and forming local-level committees for monitoring.

Women Empowerment: 100% inclusion of women in *Self-Help Groups (SHGs)* and community-based initiatives.

Support for Vulnerable Groups: Strategies for poverty eradication in extremely poor families; support for landless households through proposals.

Healthcare Access: Proposal for establishing a *Jan Aushadhi Kendra* (affordable medicine center).

The Gramsabha provided valuable insights into **village-level planning, sustainable practices, and community-driven development**. It also brought attention to urgent **social challenges like alcoholism**, which need to be addressed alongside developmental schemes. Participation in such events helps the institute to align its **technical expertise and outreach programs** with the actual needs of the rural community under UBA.



4. Alumni Visit to Department

The Department of Instrumentation and Control Engineering proudly welcomed Vikram Bhosale, 2017 pass out, Piramal Pharma Limited, on 28th August 2025. During his visit, Mr. Bhosale engaged in an enriching interaction with faculty members and students. He shared his inspiring journey as an engineer, insights into ongoing projects at his organization, and valuable experiences from his professional career. Mr. Bhosale expressed a strong interest in mentoring students and supporting them in areas such as internships, projects, and entrepreneurship initiatives. His enthusiasm and willingness to give back to his alma mater were deeply appreciated. Honorable Head of Department, Dr. B. J. Parvat, along with the faculty, congratulated Mr. Vikram Bhosale on his remarkable achievements and extended best wishes for continued success in his career.



SEPTEMBER- 2025

1. Expert talk on "From Data to Decision - Machine Learning in Process Control" for students, along with hands-on training on "Industrial Communication Protocols (Modbus, TCP/IP, HART, and MQTT)" for faculty members

The Department of Instrumentation is set to organize an expert talk titled "From Data to Decision – Machine Learning in Process Control" for students, aimed at enhancing their understanding of AI applications in industrial automation. In parallel, faculty members will participate in hands-on training on Industrial Communication Protocols such as Modbus, TCP/IP, HART, and MQTT using Industrial Communication Protocol setup. Both sessions will be conducted by Dr. S. Meenatchi Sundaram, Head of the Department of Instrumentation & Control Engineering, MIT Manipal. The initiative seeks to bridge academic learning with cutting-edge industrial practices.



2. Expert talk on “Faculty Involvement in Entrepreneurship” for Faculty Members

The Department of Instrumentation organized an expert talk on ‘*Faculty Involvement in Entrepreneurship*’ for its faculty members, with the objective of enhancing their understanding of entrepreneurship alongside their academic careers. The session was conducted by **Dr. S. Meenatchi Sundaram, Head, Department of Instrumentation & Control Engineering, MIT Manipal**. This initiative aimed to bridge academic learning with entrepreneurial pursuits, encouraging faculty to explore opportunities beyond conventional teaching and research.



3. 02 Days Hands-on Training for Instrumentation and Control Engineering Students and E&TC Students

The Department of Instrumentation and Control Engineering successfully conducted a comprehensive two-day hands-on training program for Instrumentation and E&TC Engineering students on the topic '*Sensor Interface and IoT*'. The training focused on key aspects such as efficient handling of Arduino and ESP8266, exploring ESP8266 with Arduino Cloud, interfacing various sensors including gas and ultrasonic sensors, understanding circuit diagrams, and integrating sensors with IoT platforms.

Throughout the program, students actively participated in practical exercises, which not only reinforced their theoretical knowledge but also provided valuable real-world experience. At the conclusion of the training, participants were awarded certificates in recognition of their accomplishments. The feedback from students was overwhelmingly positive, with many highlighting that the hands-on practice significantly boosted their confidence in the subject. This initiative successfully equipped students with the essential skills required in today's rapidly evolving technological landscape.

The training was conducted under the guidance of Hon. Dr. Gargi Phadke, Professor, Department of Computer Science and Engineering, Ramrao Adik Institute of Technology (RAIT), Nerul, Navi Mumbai, and coordinated by Dr. S. H. Jadhav.



4. Avishkar Project Competition (College Level)

MVP's KBT College of Engineering conducted the **Avishkar-2025 College level Competition** on 10th September 2025 coordinated by Dr. Seema Jadhav Madam. A total of 18 Student's groups from BE Instrumentation participated in the event. Two winning groups were announced in each category and they are eligible for Inter-college Event and they are as follows:

From the Agriculture Domain:

Selected Group: Motor Monitoring and Predictive Maintenance

Students: Kshitij Patil, Vedant Vaidya

From the Engineering and Technology Domain:

Selected Group: Automation of Chemical Weight Measurements and Bagging System at CEAT Tyres, Nashik

Students: Siddhi Bodke, Nikhil Ahire

From the Engineering and Technology Domain:

Selected Group: Pipeline Leakage Detection

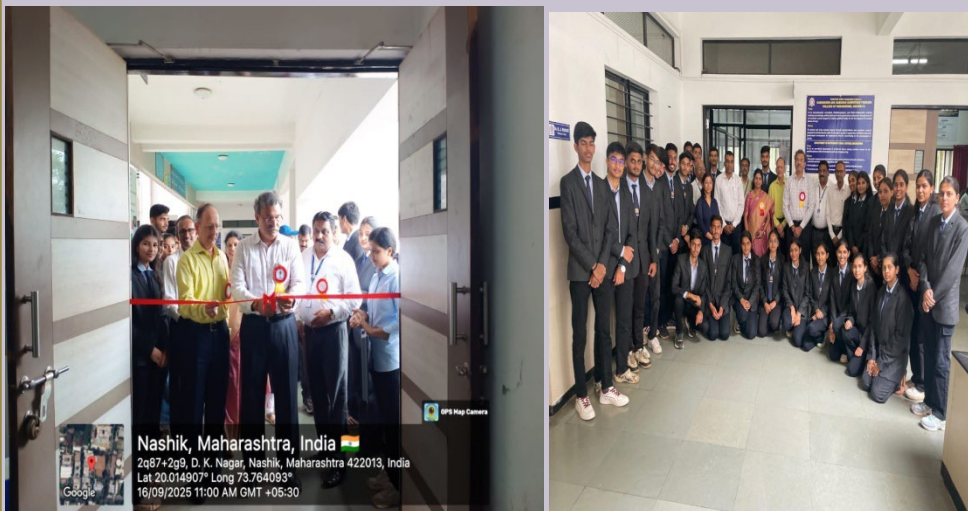
Students: Sagar Talmale, Devashish Shinde



5. Smart India Hackathon Event 2025 (College Level)

The Department of Instrumentation and Control Engineering organized a college-level *Smart India Hackathon (SIH)* event exclusively for its students. A total of 14 enthusiastic teams participated, showcasing their creativity, innovation, and problem-solving abilities in alignment with the vision of SIH — empowering young minds to address real-life challenges through technology-driven solutions. The event was evaluated by an expert panel from the industrial sector, with Hon. Shri Bhushan Pathak, Sir, Head of Marketing, Graphite India Ltd., Nashik, and Hon. Shri Sameer Karnik, Sir, Head of Human Resources, Graphite India Ltd., Nashik, serving as esteemed jury members. The event was coordinated under the guidance of Dr. Seema. H. Jadhav, who mentored the teams throughout the process. Students worked on diverse problem statements, reflecting exemplary teamwork, technical expertise, and innovative thinking. This initiative not only prepared students for participation at the national level of SIH but also strengthened the culture of innovation and entrepreneurship within the department.

Hearty congratulations to all the participating students for their commendable efforts and active involvement in the *Smart India Hackathon* event



6. Alumni Visit to Department

The Department of Instrumentation and Control Engineering proudly welcomed Mr. Nilesh Biraris, Senior Sales Manager, Knest Aluminium Formwork, Pune on 11th September 2025. During his visit, Mr. Biraris engaged in an enriching interaction with faculty members and students. He shared his inspiring journey as an engineer, insights into ongoing projects at his organization, and valuable experiences from his professional career. Mr. Biraris expressed a strong interest in mentoring students and supporting them in areas such as internships, projects, and entrepreneurship initiatives. His enthusiasm and willingness to give back to his alma mater were deeply appreciated. Honorable Head of Department, Dr. B. J. Parvat, along with the faculty, congratulated Mr. Nilesh Biraris on his remarkable achievements and extended best wishes for continued success in his career.



7. SE/TE/BE Parents-Teacher Meet, Academic Year 2025-2026, Sem-I

As part of the curriculum, the Department of Instrumentation and Control Engineering organized a Parent-Teacher Meet on 29th August 2025, graced by our distinguished alumnus, Mr. Yuvraj Sunil Savant (Batch of 2006), currently serving as Manager –Technical Services & Product Management, Innovation Scientific India Pvt. Ltd., Mumbai, who attended as the Chief Guest.

The program began with Dr. B. J. Parvat, Head of the Department, sharing the various activities and initiatives undertaken for the empowerment of students and stakeholders. Mr. Yuvraj Savant guided and mentored parents and students on the vital role they play during academics. He also motivated students to strengthen their soft skills and highlighted career opportunities in the biomedical field within Instrumentation and Control Engineering.

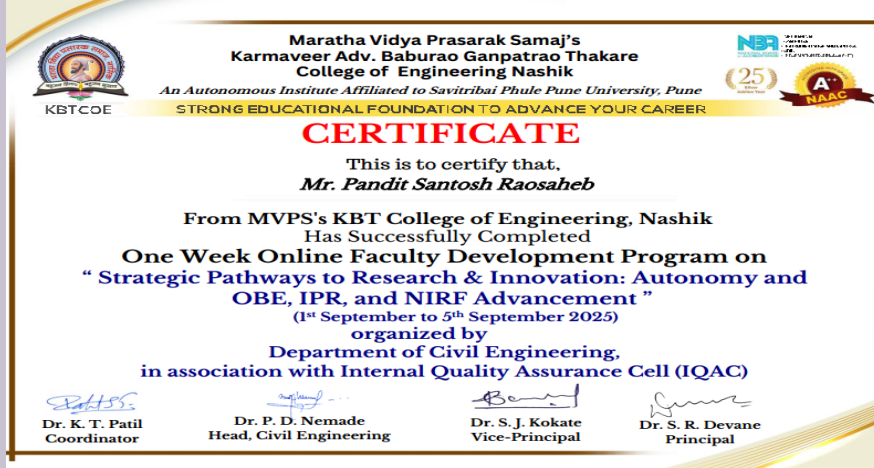
Dr. A. R. Kulkarni, Dean (III), addressed the parents regarding project assignments and their significance in placements, while Mr. V. A. Ahirrao, Departmental Training & Placement Coordinator, briefed parents on recent and upcoming placement drives. Faculty members presented detailed reports of their students' progress to the parents.

Several parent representatives provided valuable feedback on the teaching-learning process and appreciated the department's consistent efforts toward student success. Academic toppers were felicitated in the presence of their proud parents, adding a special touch to the occasion. Many parents expressed their satisfaction, praising the excellent teaching-learning practices, discipline, and dedicated efforts of the department in striving for 100% placement of all eligible students



8. Participated in Six Day ATAL FDP on “Environmental Geotechnology: Advances and Sustainable Practices”

Mr. S. R. Pandit, Faculty Member in the Department of Instrumentation and Control Engineering, successfully participated in One Week Online Faculty Development Program on “Strategic Pathways to Research & Innovation: Autonomy and OBE, IPR, and NIRF Advancement” (1st September to 5th September 2025) organized by Department of Civil Engineering, in association with Internal Quality Assurance Cell (IQAC). The FDP aimed to enhance faculty members' knowledge and awareness of the significance of OBE, IPR, and NIRF Advancement.



9. Visit of Shri. Ashish Deshpande Sir and Mrs. Poonam Sharma Madam, to MVPS's KBT, COE, Department of Instrumentation and Control Engineering, under Industry Institute Interaction

Hon. Shri Ashish Deshpande, Sir, Head of Talent Acquisition, TKIL Industries, along with Ms. Poonam Sharma, Madam, Assistant Manager, HR, TKIL Industries, visited MVPS's KBT COE, Department of Instrumentation and Control Engineering, under the Industry-Institute Interaction initiative on 2nd September 2025.



10. Campus Placement.

Sagar Talmale and Devashish Shinde are being placed in Johnson Controls (India) Pvt. Ltd., Pune.

	
Sagar Talmale	Devashish Shinde

11. Two-Day Student Development Program (SDP): *Unmanned Control in Industrial Process Control*” organized by Department of Instrumentation and Control

The Department of Instrumentation and Control Engineering successfully organized a comprehensive Two-Day Student Development Program (SDP) on the theme “Unmanned Control in Industrial Process Control” for Instrumentation & Control Engineering students.

The program was conducted under the expert guidance of Hon. Shri. Chandrakant Mohikar Sir, Petro Project & International Corporate Management Consultant, Mumbai, and was efficiently coordinated by Dr. Seema H. Jadhav Madam. The training covered key aspects of modern industrial process management such as Process Control, Management Processes, Enterprise and Management Systems, Project Management Phases & Techniques (IPMS), Networking, CTR, PERT, CPM, EPC, SIC, CSU, O&M, HSSEQR, APS, and several other multidisciplinary tools.

Across the two days, students were engaged in diverse sessions.

Day 1 focused on *Scheduler*

and skid information, Purchase/Tender/FIDIC/GR procedures, Infrastructure (Social, Oil & Gas, Petroleum), Silica Gel applications, and Fundamentals of Electrical Engineering.

Day 2 highlighted *Electrical basics (voltage, current, resistance), Process variables, Standard symbols of valves, Control valve selection, Dynamic keys, Feed-forward and feedback mechanisms, Types of control valves, Motor Control Centres (MCC), Wired and wireless signal transmission, and HSE (Health, Safety, Environment).*

The program emphasized critical areas such as management disciplines and techniques, contract and project lifecycle (C&PL), financial management, planning, scheduling, resource deployment, organizing, monitoring and controlling, people management, and site management.



12. Value-Added Expert Session on “Ideas to Opportunity for Startup”

organized by Department of Instrumentation and Control

The Department of Instrumentation and Control Engineering successfully organized a Value-Added Expert Session on “Ideas to Opportunity for Startup” for the students of Instrumentation & Control Engineering. The session was conducted under the esteemed guidance of:

- Hon. Shri. Prashant Bachhav Sir, CEO & Owner of Aarya Innovtech Pvt. Ltd., Nashik; Trifrnd Pvt. Ltd., Pune; and Pacific Media Production, Nashik, who inspired the students by sharing his remarkable success story of a journey from teaching to entrepreneurship.
- Hon. Ms. Preeti Aland Madam, Trainer & Facilitator, Swavalambhi Bharat Abhiyaan, Nashik, who enriched the session by exploring the vision and opportunities under the Swavalambhi Bharat Abhiyaan initiative.

The session was coordinated by Mr. Satish Nikam Sir and proved to be highly motivating, offering real-world insights, entrepreneurial guidance, and the true success story of an entrepreneur.



13. Participated in 02 days Workshop on “Industrial Communication Protocols” Organized by Department of Instrumentation and Control Engineering

Mr. S. R. Pandit, Faculty Member, Department of Instrumentation and Control Engineering, successfully participated in a 2-Day Workshop on “Industrial Communication Protocols” organized by the Department of Instrumentation and Control Engineering from 17th to 18th September 2025



14. Participated in Six Day ATAL FDP on “Environmental Geotechnology: Advances and Sustainable Practices”

Dr. S. H. Jadhav, Faculty Member in the Department of Instrumentation and Control Engineering, successfully participated in One Week Online Faculty Development Program on “Strategic Pathways to Research & Innovation: Autonomy and OBE, IPR, and NIRF Advancement ” (1st September to 5th September 2025) organized by Department of Civil Engineering, in association with Internal Quality Assurance Cell (IQAC). The FDP aimed to enhance faculty members' knowledge and awareness of the significance of OBE, IPR, and NIRF Advancement.



OCTOBER- 2025

1. Expert Session on “Audit Course: Emotional Intelligence” under the ICON Student Chapter

Department of instrumentation and control engineering have conducted an expert session for audit course on “Emotional Intelligence”, this interactive session was delivered by Ms. Rupa V. Shinde Madam, Counselor at KBTCOE. She focused on the Emotional Intelligence and Logical Brain. She also highlighted the importance of Emotional Intelligence in day-to-day life. This session was coordinated by Mr. S. B. Lukare (T.E. Class coordinator)



2. Campus Placement

Gayatri Walve is being placed in NOVIMEQ Automation Pvt. Ltd., Pune.



Gayatri Walve

3. Virtual Laboratory conducted for SY Students

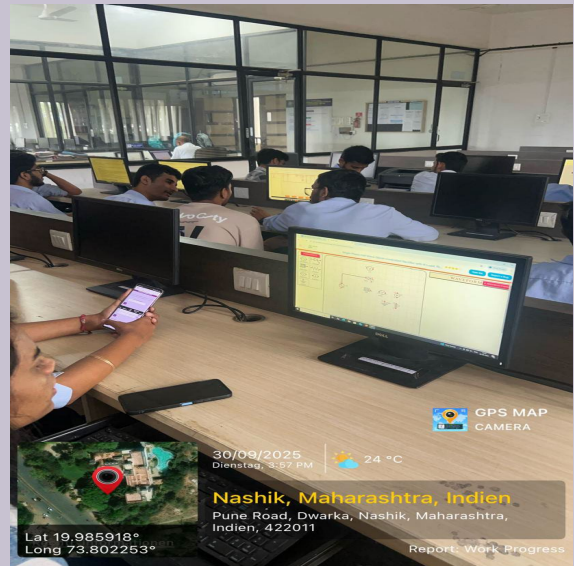
Labs utilized:

IITR: Single Phase Half Wave Silicon Controlled Rectifier with R Load.

COEP: Design an alarm annunciator

Skills explored: Problem solving skills.

POs explored: PO5.



4. Expert Session on “Startup Finance & Funding pitching & Business Prototyping” Under the ICON student chapter

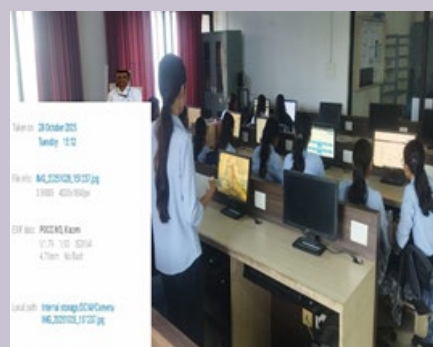
Department of instrumentation and control engineering have conducted a Value-Added expert session on “Startup Finance & Funding pitching & Business Prototyping”, This interactive session was delivered by Ms. Rahul S. Thakare Sir, Assistant Professor, Department of Mechanical Engineering at KBTCOE. He focused on Importance of Startup. He also highlighted the importance of Entrepreneurship and business prototyping in day-to-day life. This session was coordinated by Mr. S. D. Nikam and Mr. S. R. Pandit



NOVEMBER-2025

1. Innovative Teaching-Learning Practice using “Virtual Lab”

Mr. S. R. Pandit, Faculty of Instrumentation and Control Engineering, conducted an innovative teaching and learning session using Virtual Labs. The session included simulation-based experimentation on the Study of Various Leads for Monitoring of Electrocardiogram (ECG) under the subject Biomedical Instrumentation. A total of 23 students actively participated in the Virtual Lab experimentation.



2. Industrial Visit at Dr. Vasant Rao Pawar Medical College and Research Centre, Nashik for S.Y. B.Tech Instru. & Control Engg. Students.

The Second Year B.Tech Engineering students visited Dr. Vasant Rao Pawar Medical College and Research Centre, Nashik, as part of their practical learning exposure. During the visit, students gained **hands-on insights** into advanced **biomedical diagnostic and analytical instruments** used in the healthcare sector.

They observed and understood the **working principles and applications** of key medical equipment such as **CT scan, MRI Machine, X-Ray System, Auto Analyzers**, and other **state-of-the-art instruments** used in the **Clinical Laboratory**.

This industrial visit provided students with valuable **practical exposure**, bridging the gap between **theoretical knowledge and real-world medical instrumentation applications**.



3. National Financial Literacy Quiz (NFLQ) 2025 – Regional Level (Western Zone)

The Department of Instrumentation & Control Engineering, MVPS's KBT College of Engineering, Nashik, is proud to share that our student **Nachiket Sonawane** successfully qualified at institution and represented the college at the **Western Regional Level of the National Financial Literacy Quiz (NFLQ) 2025** held at Nirma University, Ahmedabad–Gandhinagar.

The quiz, organized by **Securities and Exchange Board of India (SEBI)** and **National Institute of Securities Markets (NISM)**, is a premier nationwide competition designed to strengthen financial literacy among youth and create awareness of securities markets. The event encourages students to understand real-world financial concepts including investment strategies, capital markets, risk management, banking, and budgeting.

Our participant demonstrated excellent knowledge in financial systems and capital market functioning under the guidance of **Dr. Ashwini K. Patil**, the faculty mentor. The competition also offered students an opportunity to interact with peers from diverse academic backgrounds and gain exposure to emerging financial trends and regulatory frameworks.

The department appreciates the exemplary performance and participation, which reflects a commitment to building financially aware and responsible future professionals.



4. Use of Formative Assessment Method “Pickers Test”

Mr. S. B. Lukare, Faculty of Instrumentation and Control Engineering, conducted a formative assessment of T.E. students during teaching and learning session of **Modern Control Theory** using **Pickers Test**. In this session students were surprisingly tested with MCQ's and their responses were collected using Pickers card. In this session students immediately know their performance accuracy; this allows students to focus on areas that need improvement.



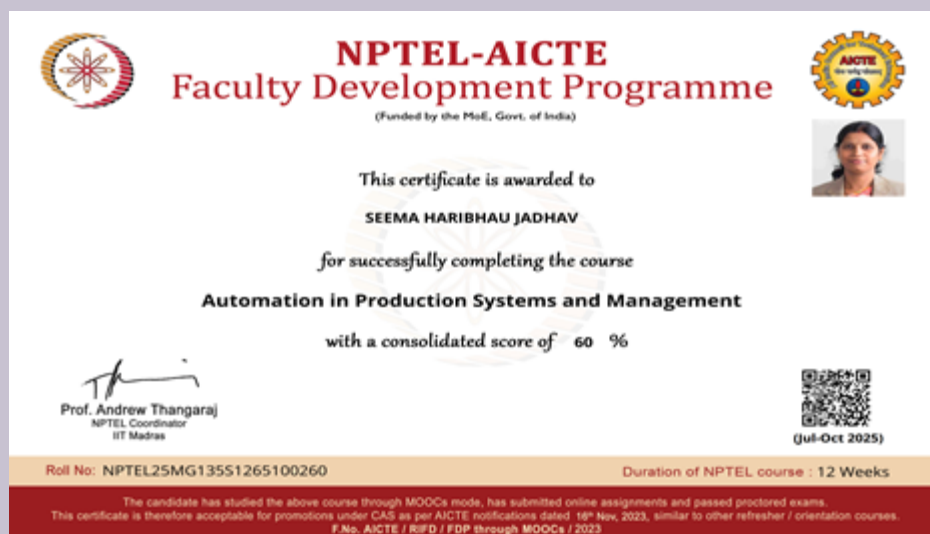
5. Campus Placement.

Sakshi Morade, Gayatri Sonje, Kalyani Ahire, Rushika Gangurde, Aditya Gangurde, Sandesh Baviskar, Atharva Bramhankar, Abhijit Gangurde are being placed in Emerson Export Engineering Center-II, Nashik

			
Sakshi Morade	Gayatri Sonje	Kalyani Ahire	Rushika Gangurde
			
Aditya Gangurde	Sandesh Baviskar	Atharva Bramhankar	Abhijit Gangurde

6. Participated in 12 Week FDP on “Automation in Production system & Management”

Dr. Seema. H. Jadhav, Faculty of Instrumentation and Control Engineering, participated in a 12-week online faculty development program on “Automation in Production system & Management” from July 2025 to October 2025. The FDP was organized by NPTEL-AICTE. This Faculty Development Program (FDP) helps faculty to develop their personality and understand the importance of **Automation in Production system & Management**. The course also aims to help faculties to develop Practical insights regarding Automation & control



7. Participated as “PRODUCT REVIEWER” on EECIT and IoT Kits Organized by Cognifront

Dr. Seema H. Jadhav, Faculty of Instrumentation and Control Engineering, participated as a *Product Reviewer* for EECIT and IoT Kits in an Online event organized by Cognifront.



8. 02 Students from Instrumentation & Control Engineering department Participated in Zonal Level AVISHKAR 2025 Research Level Project Competition organized by Kr. V. N. Naik, Shikshan Prasarak, Sanstha's Arts, Commerce & Science College, Nashik on 3d October 2025

A total of two students from the Instrumentation and Control Engineering Department, MVPS's KBT COE, Nashik, participated in the Zonal Level *AVISHKAR 2025* Research Project Competition held on 3rd October 2025, organized by Kr. V. N. Naik Shikshan Prasarak Sanstha's Arts, Commerce & Science College, Nashik.

Participating Students:

1. Mr. Kshitij Patil
2. Mr. Vedant Vaidya

Hearty congratulations to both students for being selected and representing the department at the zonal level!



A Proud Moment for the Department of Instrumentation and Control Engineering.

A Proud Moment for the Department of Instrumentation and Control Engineering.

11. Alumni Visit to Department

A Proud Moment for the Department of Instrumentation and Control Engineering.

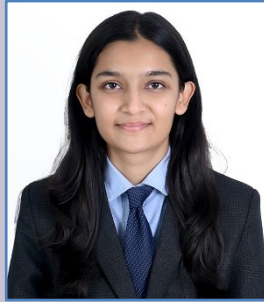
We extend our heartfelt gratitude to our esteemed alumnus Vipul Yadav (Batch: 2006-2007), currently working at NASDAQ as a Senior PMO for visiting the Instrumentation & Control Engineering Department. Your presence, insightful interactions, and willingness to share your professional journey are deeply appreciated. Your contribution not only inspires our students but also strengthens the bond between our alumni and the department. Thank you for your continued support and encouragement.



DECEMBER-2025

1. Campus Placement

Bhumika Bachhav is being placed in JNK India Limited, Thane, Mumbai



Bhumika Bachhav

2. Alumni Visit to Department

A Proud Moment for the Department of Instrumentation and Control Engineering.

We extend our heartfelt gratitude to our esteemed alumna Charushila Gangurde (Batch: 2012-2013), Assistant Professor, Shatabdi COE, Nashik, for visiting the Instrumentation & Control Engineering Department. Your presence, insightful interactions, and willingness to share your professional journey are deeply appreciated. Your contribution not only inspires our students but also strengthens the bond between our alumni and the department. Thank you for your continued support and encouragement.



3. Expert Lecture on “Sensors & IOT”

Mr. S. D. Nikam, Assistant Professor Instrumentation Control Engineering, MVPS's KBTCOE, Nashik delivered Expert Session on “Sensors & IOT” dated 06/12/2025 for Electronics & Telecommunication Engineering Department Students of MVPS's KBT COE Nashik. Sir started with basics of Sensors & Internet of Things, Applications of Internet of Things in real world projects, and shared information about developing simple projects with Internet of Things. Sir motivated students to Contribute themselves in making their own real-world projects This activity gave motivation and understanding to students regarding their role as an Engineer

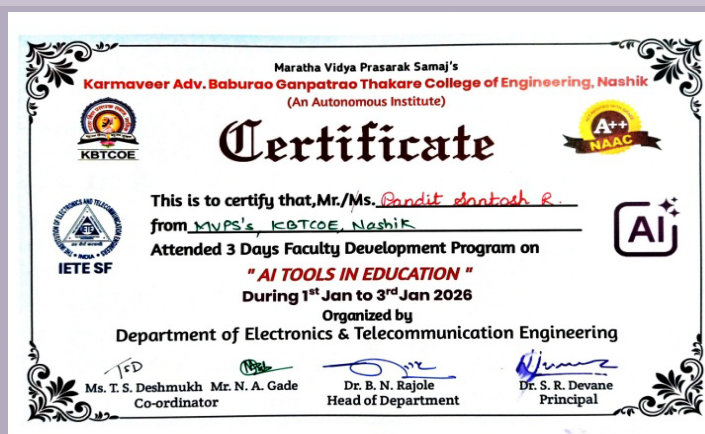
Total 255 participants attended the session.



JANUARY 2026

1. Participated in 03 days Offline Faculty Development Program on “AI Tools in Education”

Mr. S. R. Pandit, Faculty Member in the Department of Instrumentation and Control Engineering, successfully participated in a **three-day offline Faculty Development Program (FDP)** on “AI Tools in Education”, conducted from **1st January to 3rd January 2025**. The program was organized by the **Department of Electronics and Telecommunication Engineering**. The FDP was aimed at enhancing faculty members’ knowledge and awareness regarding the importance and effective use of **AI tools in the field of education**.



2. Alumni Meet 2026 (Instrumentation & Control) Organized at College Level

MVPS's KBT COE organizes Alumni meet 2026 on 20th January 2026 at KBT COE, Nasik. Alumni Meet inauguration was held at the hands of Hon Mr. Pravin Shelke (CEO and Owner, Shree Samarth Sales and Services, Nasik. Mr Pravin is also President of our College Alumni Association. Our Institute Alumni Dean and HOD Mechanical Engineering Department Dr.A. B. Kakade presented the welcome speech. **Distinguish Alumni Mr. Vipul Yadav, Mr. Yuvraj Savant, Mr. Abhijeet More, Mr. Vishal Patra, Mr. Tushar Chaudhari, Mr. Ankit Shrivastava, Mr. Shailesh Kshatriya, Mr. Prajwal Joshi, Mr. Dadasaheb Pawar and Mr. Santosh Lukare** were present for the Alumni Meet 2026 from Instrumentation & Control Engineering Department. Hon. Principal Dr.S. R. Devane, Vice Principal Dr. S. J.Kokate , Registrar Mrs. S. J. Shinde, HOD Dr. B. J. Parvat and T&P officer Mr.Mahesh Adke grace the occasion. For this event all the faculties, staff and students were present. On this occasion our alumni shared their experiences, motivated, and interacted with students and faculties. Total 10 alumni attended the Alumni meet and shared their valuable experiences and given feedback.



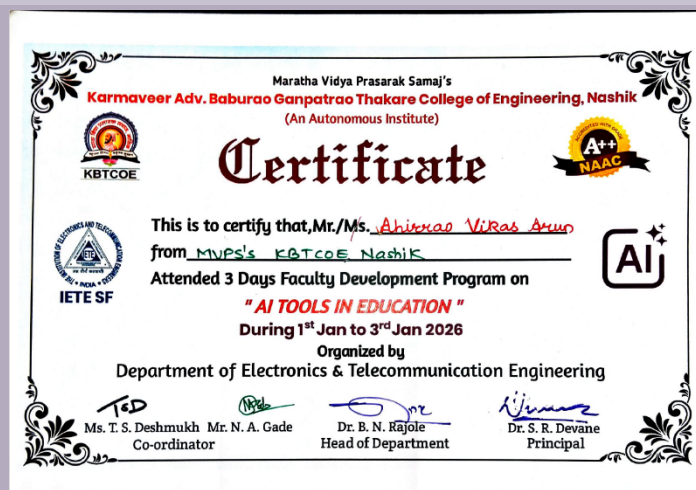
3. Participated in 03 days Offline Faculty Development Program on “AI Tools in Education”

Dr. Seema. H. Jadhav, Faculty Member in the Department of Instrumentation and Control Engineering, successfully participated in a **three-day offline Faculty Development Program (FDP)** on “AI Tools in Education”, conducted from **1st January to 3rd January 2025**. The program was organized by the **Department of Electronics and Telecommunication Engineering**. The FDP was aimed at enhancing faculty members’ knowledge and awareness regarding the importance and effective use of **AI tools in the field of education**.



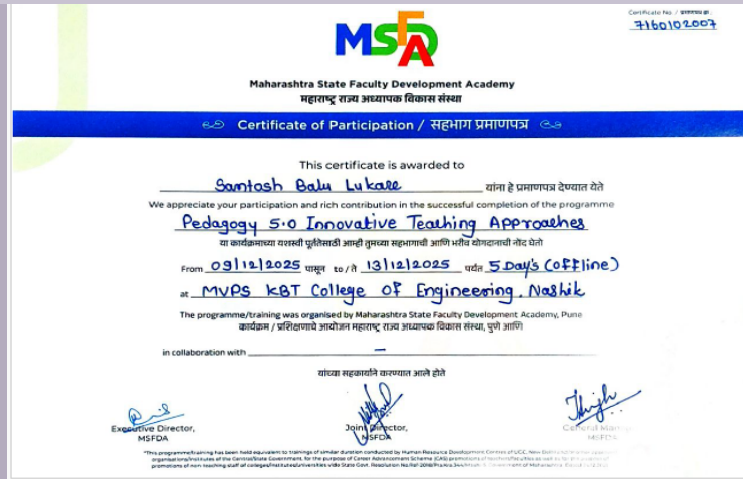
4. Participated in 03 days Offline Faculty Development Program on “AI Tools in Education”

Mr. V. A. Ahirrao, Faculty Member in the Department of Instrumentation and Control Engineering, successfully participated in a **three-day offline Faculty Development Program (FDP)** on “AI Tools in Education”, conducted from **1st January to 3rd January 2025**. The program was organized by the **Department of Electronics and Telecommunication Engineering**. The FDP was aimed at enhancing faculty members’ knowledge and awareness regarding the importance and effective use of **AI tools in the field of education**.



5. Participated in 05 days Offline Faculty Development Program on “Pedagogy 5.0 Innovative Teaching Approaches”

Mr. S. B. Lukare, Faculty Member in the Department of Instrumentation and Control Engineering, participated in a **five-day offline Faculty Development Program (FDP)** on “**Pedagogy 5.0 Innovative Teaching Approaches**”, conducted from **9th December 2025 to 13th December 2025**. The program was organized by the **Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering, Nashik-13**. The FDP was aimed at enhancing faculty members’ knowledge and awareness regarding the importance of **Pedagogy 5.0 Innovative Teaching Approaches**.



6. Participated in 03 days Offline Faculty Development Program on “AI Tools in Education”

Mr. S. B. Lukare, Faculty Member in the Department of Instrumentation and Control Engineering, successfully participated in a **three-day offline Faculty Development Program (FDP)** on “**AI Tools in Education**”, conducted from **1st January to 3rd January 2026**. The program was organized by the **Department of Electronics and Telecommunication Engineering**. The FDP was aimed at enhancing faculty members’ knowledge and awareness regarding the importance and effective use of **AI tools in the field of education**.



FEBRUARY-2026

1. Value-Added Expert Session on “Compliance & regulations of biomedical devices” organized by Department of Instrumentation and Control

The Department of Instrumentation and Control Engineering successfully organized a **Value-Added Expert Session** on “*Compliance and Regulations of Biomedical Devices*” for the **Second Year (S.Y.) and Third Year (T.E.) students** of Instrumentation and Control Engineering on **7th February 2026**. The session was delivered by **Hon. Mr. Narendra Singh**, Director – Life Sciences at **Capgemini, Bangalore**, who shared valuable insights on regulatory frameworks, compliance standards, and their importance in the biomedical device industry.

The expert talk was conducted under his esteemed guidance and provided students with practical knowledge of industry practices. The session was coordinated by **Mr. Santosh Pandit**, Department of Instrumentation and Control Engineering. It proved to be highly inspiring and informative, offering students real-world exposure, professional guidance, and an inspiring entrepreneurial success story.



2. Induction Program (SE, TE, BE)

The Department of Instrumentation & Control Engineering organized an **Induction Program** for **Second Year, Third Year, and Final Year** students on **09th February 2026**. The program began with a welcome address by **Dr. B. J. Parvat, Head of the Department**, who warmly welcomed the students and provided guidance regarding their **roles and responsibilities for the Academic Year 2025–26 (Semester-II)**. He also briefed the students about the **courses scheduled for the semester**, emphasized their academic importance, and introduced the respective subject teachers.

During the session, faculty members highlighted the **importance of maintaining an academic diary**, setting higher goals, and putting sincere efforts into studies. They also provided detailed information about the **Internal Quality Assurance Cell (IQAC)**, its objectives, and the initiatives undertaken by the department to promote a culture of academic quality. The concept of **Outcome-Based Education (OBE)**, including program outcomes, course objectives, and the significance of student feedback, was also explained.

Faculty members further discussed the activities and efforts of the **Training and Placement Cell**, guiding students on **effective preparation for placements**, common mistakes during interviews, and the importance of developing **soft skills, aptitude, and strong technical knowledge**. Students were also briefed about the **academic study plan for the semester** and introduced to the subjects to be covered.

The speakers stressed the **importance of aptitude in engineering education**, encouraged students to prepare for competitive examinations such as **GATE**, and emphasized the need for **discipline, dedication, and regular attendance** throughout their academic journey. The program concluded with a **vote of thanks**, expressing gratitude to the Head of the Department, faculty members, and students for their active participation.



3. Innovative Teaching-Learning Practice using “Virtual Lab”

Mr. V. A. Ahirrao, faculty of Instrumentation and Control Engineering, conducted an innovative teaching and learning session using Virtual Lab (Computer Science and Engineering developed by Amrita Vishwa Vidyapeetham). The session included simulation-based experimentation on “Raspberry Pi LED Blink Program” under the subject Internet of Things. Total of 35 students actively participated in the Virtual Lab experimentation.



4. Campus Placement

Yash Bhamare and Nikhil Ahire are being placed in Woodfield International Pvt. Ltd., Asangaon, Mumbai.



Yash Bhamare



Nikhil Ahire

5. Expert Lecture on " Introduction to Financial market and equity trading"

Mr. **S. D. Nikam**, Assistant Professor, Department of Instrumentation and Control Engineering, MVPS's KBT College of Engineering, Nashik, delivered an expert session on **"Introduction to Financial Market and Equity Trading"** on 25th February 2026 for S.Y. B.Tech students of the Civil Engineering Department at MVPS's KBTCOE, Nashik.

The session began with the basics of the stock market, including the role and importance of financial markets. He explained the key characteristics of stocks that have the potential to grow in the future, supported by several examples from the Indian stock market.

Mr. Nikam also demonstrated how to identify potential stocks for trading using stock screeners and explained important aspects such as entry and exit strategies in stock trading. The session provided practical insights into stock selection and trading strategies.

The activity helped motivate students and broaden their understanding of financial literacy and investment awareness, highlighting how engineers can also develop knowledge in financial markets.

A total of 55 students participated in the session



MARCH 2026

1. Student's Achievements: 3rd Prize in Idea Pitching Competition at PVGCOE, Nashik

It is a proud moment for the Department of Instrumentation and Control Engineering. We are delighted to extend our heartfelt congratulations to Ms. Anuja Thakare, Ms. Rutuja Gangurde, Ms. Vaishnavi Gangurde, Ms. Shruti Aher, Mr. Satyam Chaudhari, and Mr. Sarthak Sonawane for securing the 3rd Prize in the Idea Pitching Competition at PVGCOE. Their achievement reflects their creativity, teamwork, and dedication, bringing great pride to the department. We are confident that they will continue to excel and make a significant impact in their future endeavors. Wishing them all the very best for a bright and successful career ahead



2. Student's Achievements: 1st Prize in Bizbee Competition with a cash prize of Rupees 2000 at Ashoka Centre for Business & Computer Studies, Nashik

It is a proud moment for the Department of Instrumentation and Control Engineering. We are delighted to extend our heartfelt congratulations to our Second Year B.Tech students — Ms. Anuja Thakare, Ms. Rutuja Gangurde, Ms. Vaishnavi Gangurde, Ms. Shruti Aher, Mr. Satyam Chaudhari, and Mr. Sarthak Sonawane — for securing the 1st Prize in the Bizbee Competition, along with a cash prize of ₹2,000, held at Ashoka Centre for Business & Computer Studies, Nashik. Their remarkable achievement reflects their talent, teamwork, and dedication, bringing great pride to the department. We are confident that they will continue to achieve greater success and make a significant impact in their future endeavors. Wishing them all the very best for a bright and successful career ahead.



3. Student's Achievements: 1st Prize URECKON 2026 Speech Competition at PVGCOE, Nashik

It is a proud moment for the Department of Instrumentation and Control Engineering. We are delighted to extend our heartfelt congratulations to our Second Year B.Tech student, Ms. Anuja Thakare, for securing the 1st Prize in the URECKON 2026 Speech Competition held at PVGCOE, Nashik. Her remarkable achievement reflects her confidence, communication skills, and dedication, bringing great pride to the department. We are confident that she will continue to excel and make a significant impact in her future endeavors. Wishing her all the very best for a bright and successful career ahead.



4. Student's Achievements: 3rd Prize in Quizet Competition organized by Young Indian (YI) and supported by CII at MVPS's KBTCOE, Nashik

It is a proud moment for the Department of Instrumentation and Control Engineering. We are delighted to extend our heartfelt congratulations to our Second Year B.Tech students — Ms. Anuja Thakare, Mr. Viraj Bhandare, Mr. Satyam Chaudhari, and Mr. Sarthak Sonawane — for securing the 3rd Prize in the Quizet Competition organized by Young Indians (Yi) and supported by CII at MVPS's KBTCOE, Nashik. Their commendable achievement reflects their knowledge, teamwork, and dedication, bringing great pride to the department. We are confident that they will continue to excel and make a significant impact in their future endeavors. Wishing them all the very best for a bright and successful career ahead.



5. Student's Achievements: 3rd Prize in India Automation Games 2025 at Mukesh Patel School of Technology Management & Engineering, Mumbai

It is a proud moment for the Department of Instrumentation and Control Engineering. We are delighted to extend our heartfelt congratulations to our Final Year B.E. student, **Mr. Kshitij Patil**, for securing the **3rd Prize in India Automation Games 2025** held at **Mukesh Patel School of Technology Management & Engineering, Mumbai**. His remarkable achievement reflects his technical excellence, dedication, and innovative spirit, bringing great pride to the department. We are confident that he will continue to excel and make a significant impact in his future endeavors. Wishing him all the very best for a bright and successful career ahead.



6. Participation: Participated in one day Seminar “ISA Manthan 2026” at IBIS Hotel, Mumbai (For S.Y. B.Tech Instru. & Control Engg. Students.)

The Second Year B.Tech Engineering students participated in the one-day seminar, “ISA MANTHAN 2026,” held at IBIS Hotel, Mumbai, as part of their practical learning exposure. During the seminar, the students gained valuable insights into the role of ISA (International Society of Automation) and explored various emerging trends and technologies in the field of automation. They attended technical sessions on topics such as radar and other instruments used in automation, the evolving perspective that automation does not eliminate jobs, and communication protocols in industrial automation. The seminar provided the students with an excellent opportunity to enhance their technical knowledge and broaden their understanding of current developments in the automation industry.



7. Student’s Achievements: 2nd Prize with cash prize of rupees 5000/-Project Completion, organized by D.Y. Patil COE, Akurdi in association with ISA Pune.

It is a proud moment for the Department of Instrumentation and Control Engineering. We are delighted to extend our heartfelt congratulations to our Second Year B.Tech students — Mr. Sahil Dighe, Mr. Rushikesh Momle, Ms. Divya Kanawade, and Ms. Shreya Sarkar — for securing the 2nd Prize, along with a cash prize of ₹5,000/-, for Project Completion at D.Y. Patil College of Engineering, Akurdi, in association with ISA Pune. Their remarkable achievement reflects their technical skills, teamwork, creativity, and dedication, bringing great pride to the department. We are confident that they will continue to excel and make a significant impact in their future endeavors. Wishing them all the very best for a bright and successful career ahead.



8. Student's Achievements: 2nd prize in Product Design Quest – Mecheaven 2026 at KK Wagh College of Engineering

It is a proud moment for the Department of Instrumentation and Control Engineering. We are delighted to extend our heartfelt congratulations to our Third Year students, Ms. Swamini Romole and Mr. Keshav Shete, for securing the 2nd Prize in the Product Design Quest – Mecheaven 2026 held at K.K. Wagh College of Engineering. Their commendable achievement reflects their creativity, technical skills, and innovative thinking, bringing great pride to the department. We are confident that they will continue to excel and make a significant impact in their future endeavors. Wishing them both all the very best for a bright and successful career ahead.



9. Industrial Visit at Borse Automotives, Nashik

The Final Year Instrumentation & Control Engineering students visited Borse Automotives, Nashik, as part of their industrial learning exposure. During the visit, the students gained valuable insights into the role of Instrumentation and Control in the Automobile Industry. They were practically introduced to important communication protocols such as CAN, OCPP, CHAdeMO, and OBD protocols, along with concepts of unified diagnostics, universal measurements, and calibration. The students also observed the design and working of Electric Vehicles (EVs), including batteries used in EV systems. In addition, they explored circuit animation of two-wheelers and were introduced to various software tools used in the EV industry, such as Figma, ASX Software, and Rhino Software. They also learned about EV chargers ranging from 3.3 kW to 120 kW, EV simulators, EV charge controllers, and the use of software for displaying energy meter readings and circuit designing of EV systems. The visit provided the students with practical exposure to modern automotive technologies and enhanced their understanding of the rapidly growing electric vehicle sector.



10. Industrial Visit at Seven Hills Beverage Ltd, Dindori Road, Nashik

The Third Year Instrumentation and Control Engineering students visited Seven Hills Beverage Ltd., Nashik, as part of their academic learning under the subject *Industrial Automation*. The visit was accompanied by faculty members, Dr. Seema Jadhav Madam and Mr. Sandeep Patil Sir. During the industrial visit, the students gained practical exposure to the instrumentation systems used in the Bisleri Water Filling Plant. The visit provided them with valuable insights into industrial automation practices, process control, and the real-time application of instrumentation in beverage manufacturing industries.



11. Publication of textbook, “HMI & SCADA for Industrial Automation.

Heartiest congratulations to Dr. Seema Haribhau Jadhav Madam on the publication of her textbook, “*HMI & SCADA for Industrial Automation*,” as its first edition by *R.K. Publications*. This remarkable achievement reflects her dedication, expertise, and valuable contribution to the field of Industrial Automation. We are immensely proud of her accomplishment and extend our best wishes for her continued success in all her future academic and professional endeavors.



12. Alumni Visit to Department

We extend our heartfelt gratitude to our esteemed alumna, Ms. Bhakti Manoj Boob (Batch: 2023), currently pursuing her M.Sc. and working as a Research Assistant at RPTU University, Kaiserslautern, Germany, for visiting the Department of Instrumentation & Control Engineering. Her presence and willingness to share her academic and professional journey are truly appreciated. The valuable insights she provided have been a great source of inspiration for our students and have further strengthened the bond between our alumni and the department.



13. Value-Added Expert Session on “Career Guidance: M.S. in Germany” organized by Department of Instrumentation and Control

We extend our heartfelt gratitude to our esteemed alumna, Ms. Bhakti Manoj Boob (Batch of 2023), who is currently pursuing her M.Sc. and serving as a Research Assistant at RPTU University, Kaiserslautern, Germany, for delivering a valuable Expert Talk on “Career Guidance: M.S. in Germany” for the S.Y., T.E., and B.E. students of the Department of Instrumentation & Control Engineering. Her insightful session provided students with valuable guidance regarding higher education opportunities, academic pathways, and career prospects in Germany, making it an enriching and inspiring experience for all.



14. Campus Placement

1. Amol Shinde, Kanchan Jagtap, Saiee Patil, and Heramb Patil are being placed in - Virtuoso Projects & Engineers Pvt. Ltd., Pune
2. Mahesh Kasav is being placed in Monk Automation Pvt. Ltd., Nashik

			
Amol Shinde		Kanchan Jagtap	
			
Saiee Patil	Heramb Patil	Mahesh Kasav	

APRIL-2026

1. Campus Placement

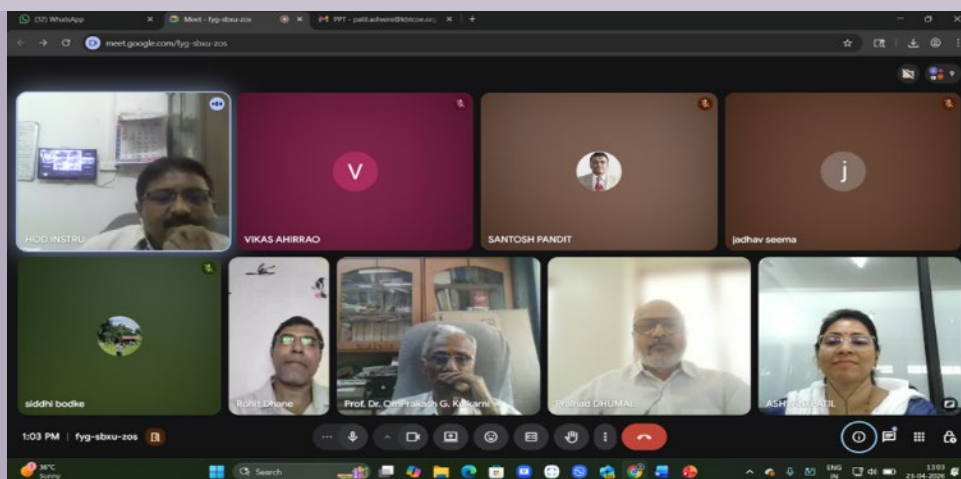
Kanchan Jagtap is being placed in – Hyosung T&D India Pvt. Ltd., Pune



Kanchan Jagtap

2. Department Advisory Board (DAB) Meeting – 2025-26, SEM-II

The Department of Instrumentation recently held its Department Advisory Board (DAB) meeting, where Dr. B.J. Parvat, Head of Department, showcased impressive growth in placement statistics and student achievements. Guest experts, including Dr. Omprakash Kulkarni and Mr. Pralhad Dhumal, emphasized a shift toward skill-based learning, urging the integration of hands-on technical tasks to boost employability. Recommendations were made to focus student research on practical applications in AI, Energy, and the Indian Knowledge System (IKS). Additionally, Mr. Rohit Dhane encouraged technical intervention in rural challenges through the Unnat Bharat Abhiyan (UBA). The meeting, coordinated by Dr. A.K. Patil, concluded with a firm commitment to strengthening foundational skills and community-driven innovation.



3. Outstanding Achievement in securing the 2nd Prize in the PLC Coding Competition held at NMIMS Mukesh Patel School of Technology Management & Engineering.

We are delighted to congratulate Third Year Instrumentation and Control Engineering student **Ms. Srushti Birari** for her outstanding achievement in securing the **2nd Prize** in the **PLC Coding Competition** held at NMIMS Mukesh Patel School of Technology Management & Engineering.

Her excellent technical skills, logical thinking, and dedication toward industrial automation and PLC programming have brought pride to the department and institution. Competing among talented participants from various institutions, her remarkable performance reflects hard work, innovation, and strong problem-solving abilities.

This achievement showcases the growing excellence of our students in the field of Instrumentation and Control Engineering and inspires fellow students to actively participate in technical competitions and skill-based learning activities.

We extend our heartfelt congratulations to Ms. Srushti Birari and wish her continued success in her future academic and professional endeavors



4. Sports Achievements: 1st Place in the MVP KBT Karandak Cricket Tournament 2025–2026 held at MVPS's KBT College of Engineering.

Heartiest congratulations to the **Team Instrumentation and Control Engineering** for securing **1st Place** in the **MVP KBT Karandak Cricket Tournament 2025–2026** held at MVPS's KBT College of Engineering.

Your dedication, teamwork, discipline, and relentless efforts have truly led the team to this remarkable victory. The excellent coordination, superb patience, sportsmanship, and fighting spirit displayed by our Instrumentation and Control Engineering students were truly commendable throughout the tournament.

This achievement is a proud moment for the entire department, adding yet another prestigious trophy to our legacy of excellence. Each player contributed with passion and commitment, making the department proud with this outstanding performance.

Once again, heartfelt congratulations to the entire team. Keep shining, keep inspiring, and continue achieving greater milestones both on and off the field



5. SE/TE/BE Parents-Teacher Meet, Academic Year 2025-2026, Sem-II

As a part of the academic curriculum, the Department of Instrumentation and Control Engineering organized a **Parent–Teacher Meet** on **25th April 2026** at MVPS's KBT College of Engineering. The meeting aimed to strengthen communication between parents and the department while discussing academic progress, student development activities, internships, placements, and departmental initiatives.

The program commenced with an address by Dr. B. J. Parvat, who highlighted the various activities, academic initiatives, and student-centric programs undertaken by the department for the overall empowerment and development of students and stakeholders.

Dr. A. R. Kulkarni guided the parents regarding project assignments and emphasized their importance in enhancing placement opportunities. He also briefed parents about recent and upcoming placement drives and motivated students to actively participate in activities such as the IDE Boot Camp, AVINYATHON Event, and III professional activities.

Dr. S. H. Jadhav briefed parents regarding ISA activities and highlighted the achievements of students through participation in ISA-related technical events and programs.

Dr. A. K. Patil explained the significance of the Automation Course and discussed the placement opportunities and industrial benefits gained by students through automation training.

Mr. S. R. Pandit informed parents about the internship activities and industry-oriented training initiatives executed by the department for improving practical exposure and employability of students.

Mr. S. D. Nikam presented information regarding the ICON activities being conducted within the department for enhancing students' technical and professional skills.

Mr. S. B. Lukare addressed the parents regarding examination activities, academic regulations, and important rules and guidelines to be followed by students.

During the interactive session, several parents shared valuable feedback on the teaching–learning process and appreciated the department's continuous efforts toward academic excellence and student success. Parents raised queries regarding Automation Course fees, course content, and the compensation of missed lectures and practical sessions during the course duration to avoid academic loss. They also suggested rescheduling lectures and practicals to alternative time slots during the Automation Course period for better academic balance.

Many parents expressed their satisfaction and appreciation for the department's excellent teaching–learning practices, discipline, student support system, and dedicated efforts toward achieving 100% placement for all eligible students. The Parent–Teacher Meet concluded on a positive note with active participation and constructive interaction between parents and faculty members.



6. ISA Maharashtra - Best Faculty Advisor Award 2026

Heartiest congratulations to Dr. Seema Haribhau Jadhav on receiving the prestigious **ISA Maharashtra – Best Faculty Advisor Award 2026** on **11th April 2026** at the CIDCO Exhibition & Convention Centre, Vashi, Navi Mumbai, Maharashtra.

This remarkable achievement is a testament to her dedication, inspiring mentorship, academic excellence, and continuous contribution towards the growth and empowerment of students in the field of Instrumentation and Automation. Her guidance, leadership, and commitment to nurturing young engineers continue to motivate students and faculty alike.

Wishing her many more accolades and continued success in all future endeavors.

We are proud of this outstanding achievement and extend our best wishes for a bright and successful journey ahead



7. Industrial Visit at Automation Guided Tour during Power, Process, Petroleum Automation (PPPA) -2026 on Saturday, 11th April 2026 at CIDCO Exhibition & Convention Centre, Vashi, Navi Mumbai

The Third-Year students of the Department of Instrumentation and Control Engineering visited the **Automation Guided Tour** during Power, Process, Petroleum Automation (PPPA) 2026 held on Saturday, 11th April 2026 at the CIDCO Exhibition & Convention Centre, Vashi, Navi Mumbai.

The visit provided students with valuable exposure to the latest advancements in industrial automation, instrumentation, control systems, and smart manufacturing technologies. Students explored modern automation solutions related to power, process, and petroleum industries, including PLC, SCADA, DCS, sensors, industrial communication, and Industry 4.0 applications.

The guided tour helped bridge the gap between classroom learning and real-world industrial practices by enabling students to interact with industry experts, professionals, and technology providers. The visit also enhanced students' technical knowledge, practical understanding, and awareness of emerging trends in automation and control engineering.



MAY-2026

1. Alumni Visit to Department

We extend our heartfelt gratitude to our esteemed alumnus Swapnil Lande (Batch: 2022), currently working as a Senior Software Developer at Mind Browser Pvt. Ltd., Pune, for visiting the Department of Instrumentation & Control Engineering.

His presence and enthusiastic interaction with students were truly inspiring and highly appreciated. During the session, he shared his academic experiences, professional journey, industry expectations, and valuable career guidance with the students. He also highlighted the importance of continuous learning, technical skill development, problem-solving abilities, and adapting to emerging technologies in today's competitive environment.

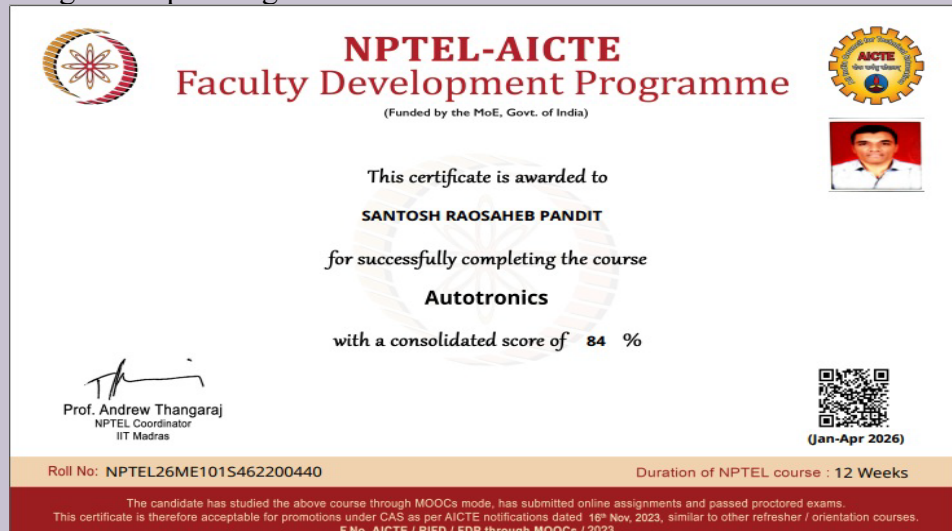
The insightful session motivated students to explore new opportunities in software development, automation, and interdisciplinary technologies. Such interactions play a significant role in bridging the gap between academics and industry while strengthening the bond between the department and its alumni network.

The Department sincerely thanks him for taking time from his professional commitments to guide and inspire the students and wishes him continued success in all his future endeavors.

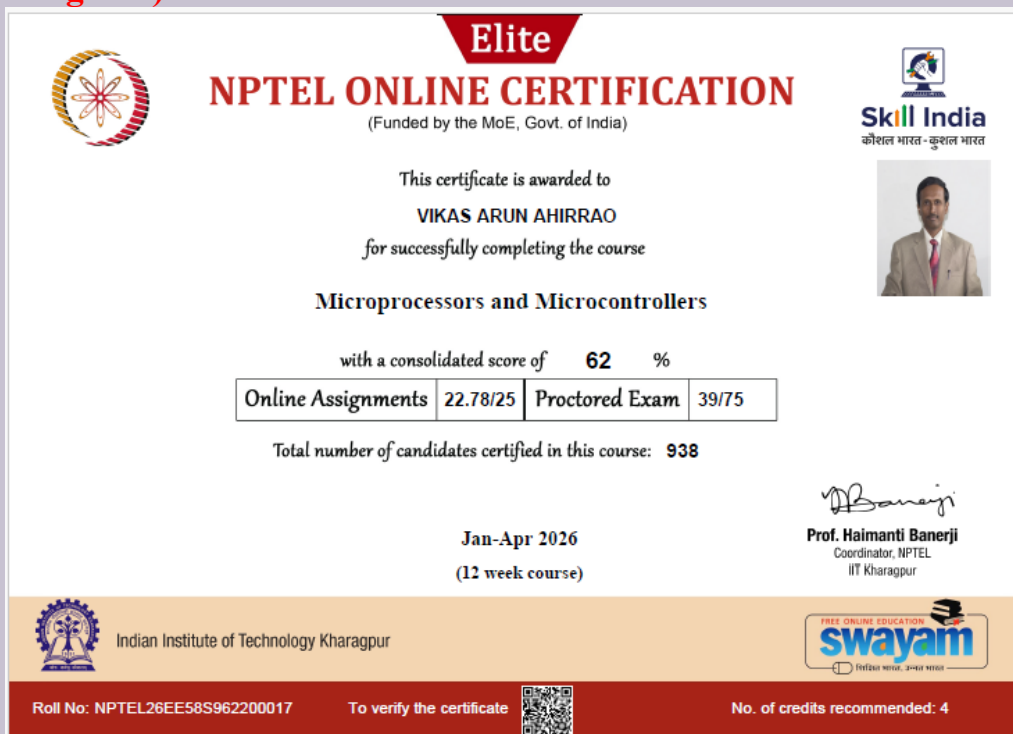
2. Participated in Attended 12 Week Online FDP on Autotronics organized by NPTEL-AICTE

Mr. S.R. Pandit, Faculty of Instrumentation and Control Engineering, successfully completed a 12-week online Faculty Development Program (FDP) on “Autotronics” from January 2026 to April 2026 with a consolidated score of 84%. The FDP was organized by NPTEL-AICTE to enhance faculty members' understanding of individual dynamics in the workplace and their impact on effective management and organizational success.

This program helped faculty develop their personality, refine their professional skills, and gain deeper insights into Automotive Instrumentation domain.



3. Certificate of 12 weeks online NPTEL Course on “Microprocessors and Microcontrollers” Organized by IIT, Kharagpur (Dr. Mahesh Sanghavi)



4. NPTEL-AICTE Faculty Development Programme on “Autotronics”

As part of academic and an initiative by Swayam NPTEL I Santosh Balu Lukare have attended the **12 Weeks** online certification course on “Autotronics” and undergone through the proctored examination with 67.5% of consolidated score. Along with the certification I have also completed the Faculty Development Programme.



NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

LUKARE SANTOSH BALU

for successfully completing the course

Autotronics

with a consolidated score of **92 %**



Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



(Jan-Apr 2026)

Roll No: NPTEL26ME101S462200159

Duration of NPTEL course : 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 16th Nov, 2023, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2023

5. Agriculture Resources Management and Technology

Attended by: Dr. A. R. Kulkarni, KBTCOE, Dean III and NISP Coordinator, MVPS KBTCOE.

Name of the Speakers: **Dr. Suhas Zambre (IIT Mumbai) and Dr, Kiran Gadre (IIT Bombay)**

Dr. Suhas Zambre: Ozone usage to increase life of agriculture yield. Expert in tomato yield shelf-life extension research.

Dr Kiran Gadre

Israel farmers use water carefully because water flow metres are there and water usage is paid.

Suggestions: use of ozone on case-to-case basis will be discussed.

Shelf life of agri-product is very less hence farmers are selling it as soon as possible.

Question Answers: 1) Technical details about Ozone?

Ans: Ozone once generated is reactive with air and it remains only for 30 minutes.

To be used immediately.

2) ozone to be produced in farm itself. No residue and one can certify farm is organic!

3) no insecticides on yield are required further.

4) export income increases.

5) large work on Israel.

6) Equipment cost: starts from 3 lacs.

10000 litter per hour water to be given to farm: cost 3000/- to farmers.

7) projects in above form can be taken

8) **Jitendra Date:** IIT: specific soil replenishment and rejuvenation. Jevanu™.

Biowaste to bio-tonic conversion process and its export.

9) soil fumigation: qualified students' indication to Israel: NSS students. Soil analysis. Farmers have inertia to give sample... mobile soil analysis van is developed. After spraying Ozone: what happens.

Answer: soil has some bacteria which creates trouble to yield.

Soil quality remains good for few years.

Banana ripening process slowdown with packaging reusable with UK certificate.

Supply chain management:

Question from Shegaon Engineering college Dr R. K. Dhekekar

How to develop Ozone?

Ans: Dr Kiran Gandre: use of oxygen concentrator ...8-10% conversion of oxygen to ozone. To be mixed with water. This technology is used for 20 years.

10) Jitendra Date: ozone eats rubber in equipment another area discussion

Question: Effect of Ozone on human body?

Answer: Dr Kiran Gadre. We can cure about 250 diseases viral infection including covid, hepatitis, cattle and cow deceases, stud farms.

Dr. Suhas Zambre Sir: different size ozone generators for ozonated waters. Integrating and implementation we need to find fund support to give demonstration to farmers- NGOs.

Answers: **Dr Jitendra Date works on 3 different technologies.**

11) Dr Zambre: crop selection and definition of profit not in terms of tons of yields.

12) **Q: ozone treatment for Turmeric?**

Is water good for animals? Can be installed on bore?

Ans: Yes. Endometriosis solution.

Dr Zambre: 10 tons per day plant implemented: oil and Curcumin (the active compound in turmeric) % is very important.

कृषी संसाधन व्यवस्थापन व तंत्रज्ञान: विचारमंथन सत्र

दिनांक: २७ मे २०२४, बुधवार

वेळ: सायंकाळी ७.०० ते ८.३० (IST) (ऑनलाईन)

तज्ज्ञ

- प्रा. सुहास झांबरे, आयआयटी मुंबई
- श्री किरण गद्रे, संचालक, Universal Ozone Systems, Mumbai

उद्दिष्टे

- तंत्रज्ञान आणि संसाधन व्यवस्थापनाच्या माध्यमातून कृषी क्षेत्रात आर्थिक वाढकटी देणे.
- स्थानिक संसाधने, आकलन आणि गरजा समजून घेऊन त्यांना तंत्रज्ञानाशी जोडण्याच्या संकल्पना शोधणे.
- उद्योग, शैक्षणिक संस्था आणि स्थानिक प्रतिभावंत यांना एकत्र आणून आर्थिक विकासासाठी चालना देणारी संश्लेषण वाटचाल उभारणे.

आता नोंदणी करा!

संयुक्त आयोजन
रेड्युन्स ऑटोमेशन आणि इन्व्हेन्शन अकेडमी ऑफ इन्व्हेन्शियल अँड अप्लाइड मेकेनिक्स (IAIAM)

आयोजन अध्यक्ष
डॉ. अजय व्ही. शेरमख
संस्थापक, रेड्युन्स ऑटोमेशन इन्व्हेन्शन, IAIAM - पुणे
संस्थापक, AIAAM, पुणे
पुणे नगर विद्यापीठ (न. उमरेड, जि. पारभणी)
बॉलीवूड
राजीव गायकवाड, इन्व्हेन्शन अकादमी
747474652
ajay@redhymkhpune@gmail.com

संयोजक
वीरान इंगोले
+91 7218911233

6. Participated in 05-days Online National Level Faculty Development Program on "Research Methodology and Academic Writing in the Digital Age"

Dr. Seema Haribhau Jadhav, Associate Professor, Department of Instrumentation and Control Engineering, participated in a 5-day Online National Level Faculty Development Program (FDP) on "Research Methodology and Academic Writing in the Digital Age" held from 18th to 22nd May 2026. The FDP was organized by the Department of Instrumentation and Control Engineering, Pravara Rural Engineering College, Loni. The program enhanced faculty members' understanding of modern research methodologies, academic writing techniques, digital research tools, publication ethics, literature review practices, and effective scholarly communication. It provided valuable insights into conducting quality research and preparing impactful academic publications in the digital era.



JUNE-2026

1. Alumni Visit to Department

We extend our heartfelt gratitude to our esteemed alumnus Mr. Brijesh Mhatre (Batch: 2011) currently working as Assistant Manager in FDC Ltd, for visiting the Department of Instrumentation & Control Engineering.

His presence and enthusiastic interaction with students were truly inspiring and highly appreciated. During the session, he shared his academic experiences, professional journey, industry expectations, and valuable career guidance with the students. He also highlighted the importance of continuous learning, technical skill development, problem-solving abilities, and adapting to emerging technologies in today's competitive environment.

The insightful session motivated students to explore new opportunities in software development, automation, and interdisciplinary technologies. Such interactions play a significant role in bridging the gap between academics and industry while strengthening the bond between the department and its alumni network.

The Department sincerely thanks him for taking time from his professional commitments to guide and inspire the students and wishes him continued success in all his future endeavors.



Coordinators	Class
Mr. Satyam Yogesh Chaudhari	T. Y. B. Tech.
Mr. Sarthak Nitin Sonawane	T. Y. B. Tech.
Mr. Siddharth Amol Patil	T. Y. B. Tech.
Mr. Viraj Vijay Bhandare	T. Y. B. Tech.