



KBTCOE NEWSLETTER

FEBRUARY
2025

KBTCOE

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PLACEMENTS

Department of Instrumentation & Control
Engineering



Maratha Vidya Prasarak Samaj's
Karmaveer Adv. Baburao Ganpatrao Thakare
College of Engineering, Nashik

NAAC "A" Grade Accredited Institute

Permanently Affiliated to Savitribai Phule Pune University

Approved by AICTE, New Delhi. <http://www.kbtcoe.org>

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**KBTCOE**

NEWSLETTER

**FEBRUARY
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The purpose of this Newsletter is to provide information to the student-staff fraternity of Nashik and society at large of the news, including relevant announcements and updates that we believe are important to them. However, this newsletter is also a valuable tool for bolstering morale, promoting unity, team spirit, motivating and rewarding achievements of KBT COE, Nashik. This KBTCOE Newsletter has started its journey since January 2017 and the latest issue is available on the college website: www.kbtcoe.org

The Maratha Vidya Prasarak Samaj is the pioneering organization established in 1914 helping common masses to acquire education in all the fields. There are around 452 schools & colleges all over Nashik District in Maharashtra. Our institute, Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering is always striving for the betterment of common people. In today's globally connected world, all the sectors need quality manpower. It is our prime responsibility to groom and develop the budding Engineers with multifaceted qualities like professional skills, innovative ideas, problem solving attitude, good communication skills, and social ethics, who can serve the society in a classic manner. We, the team at KBT College of Engineering, aim to educate and train the common masses through undergraduate and post graduate programs by inculcating the values for discipline, quality, transparency and foster career and professional development among the youth for the development of society. The Institute is NAAC "A" Graded and has 05 of its departments NBA Accredited.

Our Vision, Mission and Objectives are as follows:

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

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

Objectives:

- ▶ To develop technically-sound engineers by engaging the students in progressive technical education and to promote students for academic growth by offering state-of-the-art undergraduate, postgraduate programmes.
- ▶ To undertake collaborative projects which offer opportunities for long-term interaction with society, academia and industry.

Department of Applied Science & Humanities

Expert Talk / Guest Session

- “Satellite Launching” by Mr. Anand Megalingam (22/02/2025)



Under the curriculum activity AARAMBH, the department organized a guest session on February 22nd – 2025 on the topic "Launching Satellites and Their Applications." The session was conducted by Mr. Anand Megalingam under the esteemed guidance of IPS Officer Mr. A. S. Rajan, who currently serves as a mentor and advisor to Space Zone India and Space Zone Aerospace. The session provided students with insightful knowledge about satellite launching techniques, their applications, and advancements in space research.

Other Activities

- Science Day Celebration (28/02/2025)



The Department of Applied Sciences and Humanities proudly celebrated National Science Day on February 28th - 2025, a day of immense significance in the scientific community of India. This occasion marks the remarkable discovery of the Raman Effect by Sir C.V. Raman in 1928, a groundbreaking achievement in the field of light scattering that revolutionized physics. Mr. Manas Gajare captivated the audience by drawing connections between Physics and Artificial Intelligence (AI) during this session.

Department of Computer Engineering

Training & Placement

- Student Placements (February - 2025)

The following students from Department of Computer Engineering achieved a great career success by achieving the placement in the reputed organizations through the Campus Placement activities in the month of February – 2025.

Ms. Sakshi Chavan and Ms. Neha Chaudhari are placed in Infosys Ltd., Pune with a CTC of 3.60 LPA. Dr. S. R. Devane (Principal), Dr. B. S. Tarle (HOD) and all the staff members of the institute congratulated them for this achievement.

Industry Visits

- “Nilgiri Baag Water Treatment Plant, Nashik” (17th – 18th February 2025)



Department of Computer Engineering organized an Industrial Visit on 17th - 18th February 2025 at Nilgiri Baag Water Treatment Plant, Bidi Kamgar Colony, Nashik for Second Year (Div A and B) students. The objective of the visit was to gain firsthand knowledge of water treatment processes, including filtration, sedimentation, chlorination, and distribution. It also helped students to understand the importance of maintaining water quality standards and the challenges faced in water resource management.

- “Vigyan Ashram” (24/02/2025)



The Computer Department staff members Mrs. R. P. Chandwadkar, Mr. S.T. Datir and two students from the Department visited Vigyan Ashram in Pabal, Pune on 24th February 2025. The visit was aimed at exploring the sustainable technologies and hands-on learning approaches implemented by the Ashram.

Student Achievements

- Paper Presentation by Students (7th – 8th February 2025)



The students of the Computer Engineering - Ms. Sakshi Chaudhari, Ms. Gautami Sanap, Ms. Tejal Sangale, Ms. Prerana Wagh and staff, Ms. Manisha Thombare Presented paper entitled “AI-ML based System for Predicting Prices of Agricultural Products” at International Conference on Emerging Trends in Engineering and Science (ICETES-2025) held on 7th and 8th February 2025 at Jawahar Education Society’s Institute of Technology, Management and Research, Nashik.

Expert Talk / Guest Session

- “Career Counselling on Higher Studies” by Mr. Sandeep Vishwakarma and Team (12/02/2025)



The Department of Computer Engineering organized an Expert Talk on “Career Counselling (Higher Studies)” on 12th February 2025 for students. The objective of the expert talk was to create awareness about various higher education opportunities available nationally and internationally. The expert talk was conducted by Mr. Sandeep Vishwakarma and Team (Study Smart, Nashik). He guided the students about their academic and professional futures. The expert talk was coordinated by Mr. B. S. Gholap.

- “Career after Graduation” by Mrs. Komal & Mr. Sohil Shah (13/02/2025)



The Department of Computer Engineering organized an Expert Talk on Career after Graduation on 13th February 2025 for students. The objective of the expert talk was to help students identify their career goals based on their interests, strengths, and aspirations and to provide guidance on entrance exams, admission procedures, and application requirements. The expert talk was conducted by Ms. Komal, Mr. Sohil Shah (Career Launcher, Nashik). The expert talk was coordinated by Mr. B. S. Gholap.

- “Microprocessor and Memory Management” by Dr. Anuja Khedkar (13/02/2025)



An Expert talk on “Microprocessor and Memory Management” was organized by the Department of Computer Engineering for its SE students and faculty on 13th February 2025. The session was conducted by Dr. Anuja Khedkar. The objective behind the session was to avail the students about the basic concept of microprocessor and memory management concept of microprocessor. The students were guided on the AI microprocessor and its features. The expert talk was coordinated by Ms. S. A. Bhusal and Ms. P. S. Kubal.

- “Emerging Technologies and their Applications” by Ms. Rutuja Dalvi (05/02/2025)



Department of Computer Engineering in association with IEEE KBTCOE student branch had organized an expert session on “Emerging Technologies and their Applications” on 5th February 2025. Ms. Rutuja Dalvi (Alumni & member of IEEE Blockchain Toronto) was invited as the resource person for this workshop. It was conducted for the students of third year and final year for giving them insight regarding the technology trends in Industry.

- “HTML, CSS and JS” by Mr. S. T. Datir & Ms. R. S. More (08/02/2025)



The Department of Computer Engineering organized a session on “HTML, CSS and JS” on 8th February 2025 for course-Project Based Learning for SE - A & B divisions. The session was conducted by Mr. S. T. Datir, Ms. R. S. More and Mr. A. P. Shiralkar. The session was coordinated by Mr. A. P. Shiralkar.

Technical Activities

- Hackathon (24/02/2025)



The Department of Computer Engineering under ACES organized a one-day Hackathon event on 24th February 2025. The event was organized by the committee members of ACES. Students from FE, SE, TE and BE participated in the event. The event consisted of two rounds. First round was Quiz followed by project Implementation where a year-wise statement was provided. Evaluators were staff members of various departments. ACES staff coordinator Ms. M. V. Malode and staff member Mr. A. P. Shiralkar worked on the coordination.

- Hands on session on Linux Automation (14/02/2025)



The Department of Computer Engineering organized an Expert Hands-on session on Linux Automation on 14th February 2025 for students. The objective of the expert talk was to understand the fundamentals of Linux automation and its significance in IT operations. The expert talk was conducted by Mr. Khemnarr Parate (Lazy Developers Teched Pvt. Ltd., Mumbai). The expert talk was coordinated by Mr. B. S. Gholap.

Other Activities

- Nirbbhay Kanya Abiyan Karyashala (27/02/2025)



Nirbbhay Kanya Abiyan Karyashala was organized on 27th February 2025 for girl students in the college. In the first session, Mrs. Jyoti Landge talked about Women's Empowerment from the perspective of self-empowerment. Dr. Sachin Pawar gave fitness advice in the second session and demonstrated different self-defense techniques. The girl students enthusiastically practiced the techniques and participated whole-heartedly.

Department of Electronics & Telecommunication Engineering

Workshops/Seminars/Webinars/FDPs etc.

- Workshop on “PCB Design” (6th – 9th February 2025)



Mr. Raj Deshmukh and Mr. Pratik Zinzurde, (Rishabh Instruments, Nashik) were invited as the experts to conduct four days' workshop on PCB design using proteus & Its application in automation at the Department of Electronics and Telecommunication from 6th to 9th February 2025. The experts guided the students on PCB Design and its various applications in the industries during this workshop.

Other Activities

■ DAB Meeting (06/02/2025)



The Department of Electronics and Telecommunication Engineering recently convened its Advisory Board Meeting, chaired by Dr. V. M. Birari (HOD) on 6th February 2025. Mr. V. R. Sonawane delivered a short summary of departmental activities. Placement initiatives and the expansion of student development programs were among the key topics discussed during this meeting. The Board Appreciated effort taken for Industry interaction by the faculty.

Department of Information Technology

Industry Visits

■ “Nashik Smart City, Nashik” (22/02/2025)



On February 22nd, 2025, the Department of Information Technology organized an Industry Visit at “Nashik Smart City, Nashik”. Nashik stands out as a prime example of urban transformation amidst rapid population growth, accompanied by the pressing need for expanded infrastructure, improved livelihoods, and an enhanced quality of life. This visit raised the awareness of staff and students of IT department about rapid urbanization and growth in the recent years in Nashik.

■ “Vigyan Ashram, Pabal, Pune” (24/02/2025)



Visit to Vigyan Ashram was organized on 24th February 2025 which is 5-acre land located at a small village named Pabal near to Pune. The purpose of the visit was to explore the methodologies, tools, and learning environment which will be needed for the students for project development and finding problem statements for the projects. During the Visit students from all streams visited FABLAB, which is the first digital fabrication lab in India equipped with modern tools and technology.

▪ “ESDS Software Solution Ltd.”
(25/02/2025)



An Industrial visit to “ESDS Software Solution Ltd.”, Reliable Tech Park, B Wing, Thane - Belapur Rd, Gavate Wadi, MIDC, Airoli, Navi Mumbai was organized by the Information Technology department on 25th February 2025. 43 Third Year Information Technology students and three faculties visited to Industry. At company comprehensive seminar session on Cloud Computing and its significance in today's technological landscape was delivered by industry experts.

Workshops/Seminars/Webinars/FDPs etc.

▪ Workshop on “Illumination Models & OpenGL” (13th – 14th February 2025)



Department of Information Technology organised a Two Days’ Workshop on “Illumination Models and OpenGL” for Second Year Information Technology under Information Technology Students Association on 13th & 14th February 2025. On Day-1, students were introduced to illumination models (Ambient, Diffuse, and Specular lighting), shading techniques (Phong & Gouraud), and 3D transformations. They also had hands-on practice in implementing lighting effects using OpenGL. On Day 2, the focus was on advanced OpenGL pipeline concepts, working with textures, materials, and shaders, and implementing real-time lighting techniques.

▪ Workshop on “Software Testing” (6th – 8th February 2025)



The Department of Information Technology organized a Hands-on workshop on Software Testing from 6th to 8th February 2025. The resource person, Mr. Sagar Katarnaware is having 10+ years of experience as a Tech lead in IT industry and consultation. He has also worked on 15+ foreign client projects which covered the most of the software testing content. The key achievement of this workshop was that students were confident enough to test their final year project using testing tools that were discussed during the workshop.

Expert Talk / Guest Session

- “Block-Chain Technology” by Ms. Rutuja Dalvi (25/02/2025)



Department of Information Technology and Information Technology Students Association (ITSA) of the institute, organized an expert talk on "Blockchain Technology & its applications" for BE-IT students on 25th February 2025. Ms. Rutuja Dalvi - a Web 3 Developer and as well as Blockchain Experts provided an in-depth understanding of blockchain fundamentals, decentralized ledger systems, and key applications across industries such as finance, healthcare, and supply chain management.

- “Career Guidance on Higher Studies” (21/02/2025)



Department of Information Technology and Information Technology Students Association (ITSA) of KBT College of Engineering, Nashik, organized an expert talk on "Career Guidance on Higher Studies" for third- and final-year Information Technology students on 21st February 2025. The session provided valuable insights into various higher education opportunities, including postgraduate studies in India and abroad, competitive exams like GATE, GRE, TOEFL, and career prospects in research and industry.

- “Career Guidance” by ITSA (18/02/2025)



Department of Information Technology and Information Technology Students Association (ITSA) of KBT College of Engineering, Nashik, organized an expert talk on "*Career Guidance*" for third year Information Technology students on 18th Feb 2025. The session provided insights into career opportunities, industry trends, and essential skills required for professional growth. The expert speaker discussed various career paths, including software development, cybersecurity, data science, cloud computing, and entrepreneurship.

Other Activities

- Parent – Teacher Meet (22/02/2025)



Department of Information Technology organized Parents-teachers meet on 22nd February 2025. The aim of the meeting was to make parents aware of attendance and result of their ward. The meet was attended by 45+ parents and teachers. Welcome address and introductory speech were proposed by Dr. S. A. Talekar. He gave the brief introduction of the efforts taken by the department during the current semester. Class coordinators Dr. J. R. Suryavanshi, Ms. B. A. Ahire, Ms. T.S. Pawar showed attendance to parents and result. Placement coordinator Mr. N. S. Ujgare also discussed regarding student placement.

Department of Instrumentation & Control Engineering

Training & Placement

- Student Placements (February - 2025)



Following students of Department of Instrumentation & Control Engineering achieved a great career success by securing the placements in reputed organizations. (From Top-Left) Mr. Pranav R. Patil is placed in Artee Flow Controls, Ms. Komal S. Pingle is being placed in Reliance Industries Limited, Ms. Hetali Baviskar, Mr. Kishor G. Rao and Mr. Sujit R. Gadhe are placed in ICT Solutions Pvt. Ltd., Pune. Again, Mr. Pranav R. Patil and Ms. Disha Ahire are placed in TOYO Engineering India Pvt. Ltd., Mumbai.

Industry Visits

- “NMC Water Treatment Plant, Viholi, Nasik” (26/02/2025)



At NMC Water Treatment Plant, Viholi, Nasik, TE-ICE students got an exposure to Water Treatment Process such as Aeration, Chlorination, Segmentation, Almon Dosing, Filter bed, Instrumentation and Control, Sensors and Actuators, Filter bed back washing SCADA System, Controller, Valves and Overall Control Room of Water Treatment Plant during their visit on 26th February 2025.

▪ “Sahyadri Farms” (20/02/2025)



On 20th February 2025, a total of 37 - SE-ICE students and staff members visited Sahyadri Farms in Mohadi, Nashik to have an enriching experience. The guided tour included visits to greenhouses, packing stations, and control rooms, allowing students to observe the practical applications of their classroom learning. The students interacted with the industry experts, gaining valuable insights into the agricultural industry's challenges and solutions during this visit.

▪ “Johnson Control (I) Pvt. Ltd. Pune” (08/02/2025)



At Johnson Controls (I) Pvt Ltd, Pune, TE-ICE students got explored with various Building Management Systems, Understood the role of Instrumentation and Control in Building Automation Sector, Communication Protocols like Bacnet, LON Protocols, various BMS Systems, Fire Alarm Systems, Fire detection and Access Control Systems, different systems in HVAC. The visited Control Lab, HVAC Lab, BMS room, site/floor walk of Building Automation Systems during the industrial visit on 8th February 2025.

Expert Talk / Guest Session

▪ “Internet of Things” by Mr. S. D. Nikam (13/02/2025)



Mr. S. D. Nikam (Assistant Professor - ICE) delivered a session on “Internet of Things” on 13th February 2025 for Second Year AI & DS students of the institute. He guided the students on Internet of Things, Applications of Internet of Things in real world projects, and shared information about developing simple projects with Internet of Things.

Student Achievements

- “All India 4th Rank at the National Entrepreneurship Challenge 2025” (06/02/2025)



It is a proud moment for the Department of Instrumentation and Control Engineering as Ms. Suhanee Patil, (SE-ICE Student), along with Team KBTCOE ED & Start Up - Cell, has achieved an impressive All India 4th Rank at the National Entrepreneurship Challenge 2025 held at IIT Bombay on 6th February 2025. Competing against 900+ colleges from across India, Ms. Suhanee and her team delivered an outstanding performance in the finals, demonstrating exceptional teamwork, dedication, and entrepreneurial spirit.

- Fusion – 2K25 (31/01/2025)



It is a proud moment for the Department of Instrumentation and Control Engineering. as department's TE-ICE students won an award for their dance performance at Fusion 2K25 in the dance competition.

Other Activities

- Parent – Teacher Meet (22/02/2025)



As part of curriculum the Instrumentation and Control Engineering department has conducted parent-teacher meet on 22nd February 2025. Head of department Dr. B. J. Parvat shared the activities and efforts taken by the department for the empowerment of the students and all stakeholders. Dr. A. R. Kulkarni, dean III, had brief the parents about their wards project assignment and its importance for their placements. Departmental T&P coordinator Mr. V. A. Ahirrao highlighted parents about the recent placements and upcoming placements drives.

■ Alumna Visit (12/02/2025)



Mr. Nitesh Gupta (Network Engineer, Cognizant Technology, Pune & Alumni – 2022 Batch) visited the department and interacted with the faculty members on 12th February 2025.



Ms. Tejasvini Jadhav (Sales Manager, Almas Tech Electronics, Dubai & Alumni – 2022 Batch) visited and interacted with faculty members on 12th February 2025.

Department of Mechanical Engineering

Training & Placements

■ Student Placements (February - 2025)



Mr. Kshitij Chaudhary of BE-Mechanical Engineering is placed in Bosch India Ltd. with a CTC of Rs. 4.00 LPA



Mr. Shridhar Patil & Mr. Neel Mahale of BE – Mechanical Engineering are placed in Artee Flow Controls Pvt. Ltd. with 3.20 LPA.

Industry Visit

■ Belimo Automation India (25/02/2025)



Ishrae Nashik chapter student members of Mechanical Engineering Department visited the Belimo Automation India Pvt. Ltd., Mumbai. Ishrae student chapter coordinator Dr. S. J. Suryawanshi guided the students throughout the visit on 25th February 2025. During the visit, Mr. Tushar Shinde & Mr. Ashfaque Kagdi explained guided the students about different actuators, sensors, valves in the industry.

Workshops/Seminars/Webinars/FDPs etc.

- Workshop on “Hands-on Training using Ansys” (22nd – 25th February 2025)



Three days' workshop was organized by Department of Mechanical Engineering intends to provide the practical exposure in the domain of CAE and build the foundation for research among the students. Dr. D. D. Lokhande (Education Officer, MVP Samaj, Nashik), Dr. S. R. Devane (Principal), Dr. V. M. Birari (Vice Principal), Dr. A. B. Kakade (HOD), Mr. Susheel Pote (Invensys CAD, Nashik) were present during the workshop. The workshop focused on the various tool of Workbench and solution of various case studies of static structural.

Student Achievements

- “Innovate X - Celebrating Innovation and Excellence - Award” (06/02/2025)



Ishrae student members of BE – Mechanical Engineering - Mr. Raj Dongare, Mr. Abhishek Patil, Mr. Prathmesh Khelukar, Mr. Kshitij Chaudhary presented their Final year project “IoT based Indoor Air Quality Monitoring and Management system” in a Project exhibition cum competition ‘Innovate X - Celebrating Innovation and Excellence’ organized by Ishrae HQ and supported by Ishrae Mumbai chapter on 14th February 2025 at Rajiv Gandhi Institute of Technology, Mumbai under the guidance of Dr. S. J. Suryawanshi Student Activity Chair, Ishrae Nashik chapter. The students got Second Runner-up position (Third prize worth Rs.10,000/-) in this competition at Zonal level.

- PAC Meeting (08/02/2025)



PAC meeting of Mechanical Engineering for academic year 2024-25 held on 8th February 2025 (Saturday) at the department. HOD - Dr. A. B. Kakade, IQAC Coordinator - Dr. V. C. Shewale and Prof. V. V. Shinde, PAC Members Dr. Y. P. Patil (ICE), Prof. T. S. Pawar (Information Technology), Prof. D. P. Birar (Engineering Science), Dr. L.C. Sontakke (MBA) and the staff members of the department were present for the meeting.

कर्मवीर अॅड. बाबुराव गणपतराव ठाकरे
अभियांत्रिकी महाविद्यालयातर्फे छत्रपती शिवाजी
महाराज जयंतीच्या हार्दिक शुभेच्छा!

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Principal