



KBTCOE NEWSLETTER

OCTOBER
2024

KBTCOE

Volume: VIII

Issue: X

OCTOBER - 2024

PLACEMENTS

Department of Instrumentation & Control
Engineering

Congratulations!



Sudiksha Chavan

**Johnson Controls (India)
Pvt. Ltd., Pune.
with an Annual CTC of 5.60**



Pranav Patil



Akash Pole

**Fox Solutions Pvt.
Ltd., Nashik
with an Annual
CTC of 4.02**



Rushikesh Padade

**JNK India Ltd.,
Mumbai
with an Annual
CTC of 5.13**



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

**OCTOBER
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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 Computer Engineering

Industry Visit

- SUMAGO Infotech PVT. Ltd, Nashik (22/10/2024)



The industry visit has been organized by the Department of Computer Engineering for third year students. The visit was held at SUMAGO Infotech PVT. Ltd, Nashik. SUMAGO infotech provides various services in Web development, Mobile application, Digital Marketing, IT consulting, Data analysis, Blockchain, etc. The third-year students were explained the details of service provided and offered by the team of SUMAGO. Students were accompanied by Ms. P. V. Shinde, Ms. P. P. Borsate for the visit.

Expert Talk

- “Hands-on session on Animation and Gaming Tools” by Mr. Aditya More (17/10/2024)



Expert talk on “Hands-on session on Animation and Gaming Tools” by Aditya More, Founder & CEO of Anstric Games LLP, Entrepreneur, Programmer, Start-up Founder on 17/10/2024. Second-year Computer Engineering has a subject, namely computer graphics. One of the topics in the subject is Introduction to Animation and Gaming. But it is only at the introduction level. He explained the software used for animation and gaming like Unity during this session.

Staff / Student Achievement

- Eureka Launchpad 2024 (27/10/2024)



Its Start-up / Idea pitching Competition, Where the participants must showcase their ideas, which basically solves any problem. The top teams from Eureka Launchpad will have the opportunity to compete at Asia's largest business model competition, Eureka 2024, hosted by IIT Bombay. In the same, our startup Anstric Games LLP led by Mr. Aditya More & Ms. Roshani Dhodare won 1st prize as Gold Medal with cash prize of Rs. 5000/- .

■ PHP and MySQL Spoken Tutorial Training (11/10/2024)



The Computer Engineering Department Third year and final year 90 + students completed the PHP and MySQL spoken tutorial training. This training is offered by Spoken Tutorial Project, IIT Bombay. PHP and MySQL test (Online) organized at Computer Engineering Department, MVPS's KBT College of Engineering, Nashik on 11th October 2024.

■ Staff Achievements (October - 2024)



Ms. R. R. Shevale delivered an expert talk on Software Requirement Specification (SRS) for B.Tech Computer students on 25th Oct. 2024 at Sandip University, Nashik



Dr. V. S. Tidake Completed 4-week NPTEL Online Certification Course on “Innovation by Design” conducted by IIT, Madras from July-August 2024.



Ms. M. B. Thombare completed 4-week NPTEL Online Certification Course on “Innovation by Design” conducted by IIT, Madras from July-August 2024. Dr. S. R. Devane (Principal), Dr. B. S. Tarle (HOD) and all the staff members of the institute congratulated the staff of Computer Engineering department for their achievements.

Department of Electronics & Telecommunication Engineering

Industry Visits

- Nilgiri Baag Water treatment plant, NMC, Nashik (05/10/2024)



An industrial visit to the Nilgiri Baag Water Treatment Plant, Bidi Kamgar Nagar, Nashik, was organized for the Final Year E&TC Engineering students studying the subject Elective-III (PLC, SCADA, and Automation). During the visit, students were provided with detailed information about the water treatment process carried out before water is discharged to suburban areas for usage. Students observed various centrifugal pumps used for pumping and discharging water to the suburban areas. They also learned about different sensors, such as pH sensors, DAT, and actuators, which are connected to the PLC.

- Nilgiri Baag Water treatment plant, NMC, Nashik (29/09/2024)



An industrial visit to Sri Sai Precision Instrumentation & Research Centre Pvt. Ltd., Nashik, was organized for the Third Year E&TC Engineering students as part of their Skill Development course. During the visit, students were given detailed information about various calibration processes and requirements. They were introduced to the calibration of a wide range of mechanical, thermal, and electrical instruments, including mechanical and electrical calibration equipment.

Department of Instrumentation & Control Engineering

Training & Placement

- Student Placements (October 2024)



Ms. Sudiksha Chavan and Mr. Pranav R. Patil are placed in Johnson Controls (India) Pvt. Ltd., Pune with a CTC of 5.60 LPA. Mr. Akash Pole is placed in FOX Solutions Pvt. Ltd., Nashik with a CTC of 4.02 LPA. And Mr. Rushikesh Padade is placed in JNK India Ltd., Mumbai with a CTC of 5.13 LPA through the campus placement activities in the month of October 2024.

- MVP – FOX Automation Training (12th August to 8th October 2024)



The Instrumentation and Control Engineering Department conducted Automation training program at MVP-FOX automation training center for 22 students. This training center is established by Instrumentation and Control Engineering department in collaboration with FOX automation solutions PVT LTD, Nashik. This hands-on training focused on key automation technologies, including PLC (Programmable Logic Controller), HMI (Human-Machine Interface), SCADA (Supervisory Control and Data Acquisition), and AC /DC Drives.

Industry Visits

- Fox Solutions, Ambad MIDC, Nashik (24/10/2024)



In the visit Hon. Joy Sir discussed status of engineering institute and college interaction – which needs to be increased, need of fundamentals those students learn. He also discussed a new topic of research – that is Power Utility Effectiveness in context to Data Centers. A typical data center needs cooling from 10 MW to 600 MW energy. This heat generated needs to be carried. It has a specific numeric standard value and it is point of research.

- Borse Automotives, Nashik (20/10/2024)



At Borse Automotives, Nashik, Final year Instrumentation & Control Engineering students got explored with Borse Automotives, Nashik got aware of role of Instrumentation and Control in Automobile Industry got practically explored with Communication Protocols like CAN, OCPP Protocols, got demonstration with design working of Electric Vehicles in Automobile Industry, Unified Diagnostic, Universal measurements and Calibration, Chademom Protocol, OBD Protocols, Batteries in EV on 21st October 2024.

FDPs / Conferences / Seminars etc.

- Field-based study in a Pangri Bk Village of Sinnar (3rd to 5th October 2024)



Under the Maharashtra State Faculty Development Program and Unnat Maharashtra Abhiyan, IIT Mumbai organized a field study-based faculty development program at Rajarshi Shahu Maharaj Polytechnic Nashik on 3rd, 4th, and 5th October 2024. This field-based FDP included several steps: understanding field-based study learning, visiting a village to understand different processes and issues, planning for field-based study in groups, conducting surveys, holding discussions and analysis, and report writing.

Expert Talk / Guest Session

- “Health care Related AI (Artificial Intelligence) Software” by Mr. P. P. Shinde (22/10/2024)



Mr. Pushkar Shinde (Assistant Professor, Computer Engg Dept. MVPS's KBTCOE Nashik) Motivated students and make them aware about the importance of AI (Artificial Intelligence) Software in Biomedical Instrumentation. He Explored students about implementation of Software in Biomedical Instrumentation. Sir elaborated the Importance of Artificial Intelligence & how Artificial Intelligence works for Diabetes and Heart Disease Detection.

- “Hybrid Electric Vehicle and Testing” by Dr. S. H. Jadhav (16/10/2024)



Dr. Seema Jadhav, Associate Professor, MVPS's KBT COE Nashik, Department of Instrumentation and Control Engineering, delivered an Expert Session on “Hybrid Electric Vehicle and Testing” to BE students dated 16th October 2024. She focused on Important aspects like Four Stroke Engine, different types of Hybrid Electrical Vehicles, their significance, BTU (British Thermal Unit) and its Significance, Different types of motors used in Electric Cars.

Technical Activities

- MoU with Bilcare Research Caprihans India Limited Nasik (14/10/2024)



The department has signed MoU with Bilcare Research Caprihans India Limited Nasik which is a leading and upcoming company growing fast in the field of automation, manufactures and distributes packaging films on 14th October 2024. The Company offers laminated, transparent, pharmaceutical packaging and specially films as well as extruded sheets and boards. Caprihans India markets its product in India. Under this MoU, company have mutual interest in Industrial Training, Project development, and Knowledge dissemination along with Internship and Placement.

- Laghu Udyog Bharati, Nashik Engineering Talent Search Competition (24th to 25th October 2024)



A total 03 Students (01 team) participated and presented their project work in “Laghu Udyog Bharati, Nashik Engineering Talent Search Project Competition” (State Level Competition). From Instrumentation and Control Engineering Department, Mr. Akash Bodke, Mr. Parth Muley and Ms. Neha Adhav (B.E) participated and presented their project work on 24th October 2024 at Seminar Hall, Bhosala Military College, Nasik on topic “PID Controller in Industrial Processes using LAB View.”

Other Activities

- Alumni Interactions (October - 2024)



It is a Proud moment for the Department of Instrumentation and Control Engineering that the Alumni of 2018 pass out batch Mr. Akshay Jamdade working as Manager - Tender & Communication & also leading Automation Dept. Founder- Laxminarayan Electricals Visited and Interacted with Faculty and Students of Instrumentation and Control Engineering Department on 20th October 2024.



It is a Proud moment for Department of Instrumentation and Control Engineering that the Alumni of 2019 batch Mr. Vikas Devidas Ugale (2019 Instrumentation and Control Engineering Pass out), Project Engineer in Fox Solutions Pvt Ltd, Nashik visited the Instrumentation and control Engineering department dated 04th October 2024.



It is a Proud moment for Department of Instrumentation and Control Engineering that the Alumni of 2019 batch Mr. Akshay Gore (2019 Instrumentation and Control Engineering Pass out), Project Engineer in Rockwell Automation, Pune visited the Instrumentation and control Engineering department dated 03rd October 2024.

Department of Mechanical Engineering

Training & Placement

▪ Student Placements (October 2024)

The following student of Final Year Mechanical Engineering achieved a great success by securing the campus placement in reputed organization

Mr. Vaibhav Sandkhore (BE-Mechanical) has been placed in JNK India Pvt. Ltd., Pune with a CTC of 5.13 LPA. Dr. S. R. Devane (Principal), Dr. A. B. Kakade (HOD) and all the staff members of the institute congratulated him for his achievement.

Industry Visits

▪ Sanjit Moulds Pvt. Ltd, Ambad, Nashik (23/10/2024)



An Industrial visit to Sanjit Moulds Pvt. Ltd was organized for TE Mech students under the subject Mechatronics. The objective of the visit was to help student understand brief concepts types of mechatronics. Students got the valuable insights about working principle of PLC's and micro controllers. The visit was coordinated by Prof. Y. B. Chaudhary and Prof. V. V. Shinde & Mr. N. V. Kadam.

- R&D Therm India Pvt. Ltd. (22nd & 23rd October 2024)



An industrial visit to R & D Therm India Pvt. Ltd, Satpur, was organized for SE Mech students under the subject Engineering Materials and Metallurgy. The objective of the visit was to help student understand various NDT such as radiography test, ultrasonic test and dye penetrant test used for various applications. The visit was coordinated by Mr.N. S. Gaikwad, Mr. D. V. Kushare , and Mr. A. S. Mogal.

- Nashik Thermal Power Station, Eklahare (17th & 18th October 2024)



An industrial visit to Nashik Thermal Power Station, Eklahare was organized for SE Mech students under the subject Engineering Thermodynamics on 17th & 18th October 2024. The objective of the visit was to help student understand construction, working, merits, demerits and economics of Thermal Power Plant working on Rankine cycle. The visit was coordinated by Dr. A. A. Kapse, Dr. D. B. Uphade, Mr. M. N. Shinde and Mr. A. N. Shinde.

FDPs / Conferences / Seminars etc.

- Preparation strategies for MPSC/UPSC examination (11/10/2024)



A seminar on “Preparation strategies for MPSC/UPSC examination” was conducted in the Department of Mechanical Engineering on 11th October 2024 in which our alumni Mr. Shubham Ekhande of 2019 batch explained the importance of Competitive Exams and their Syllabus for successful career in the field of Government Sector. He also gave the tips and steps to be followed to achieve their goal to our students. He also interacted with the students and answered to the queries of the students regarding study for Competitive Exams with Engineering Academics.

Other Activities

- Parent – Teacher Meet (05/10/2024)



Department of Mechanical Engineering organized a Parents-teachers meet on 5th October 2024. The purpose of the meeting was to have conversation with the parents on different points like activities conducted in the department during the semester, placement activities, examinations etc. For this meeting, Dr. S. R. Devane (Principal, MVPS'S KBTCOE Nashik), Dr. A. B. Kakade (HoD, Mech), Mr. Mahesh Adke (TPO), faculty and parents of the student were present for the meet. Dr. A. B. Kakade and all faculty members cleared the doubts of the parents and students during the questions asked by the parents.

Department of MBA

Expert Talk / Guest Session

- “Digital Payment Revolution in India” by Mr. Rahul Handa (07/10/2024)



Department of MBA organized an expert talk on 7th October 2024. This expert session on "Digital Payment Revolution in India" conducted by Mr. Rahul Handa from NPCI was highly successful in providing MBA students with valuable knowledge and insights. The session contributed to enhancing their understanding of the digital payment landscape and its impact on the Indian economy.

Industry Visits

- National Institute of Securities Markets (14/10/2024)



The National Institute of Securities Markets (NISM), established by the Securities and Exchange Board of India (SEBI), is an educational initiative that plays a crucial role in financial literacy and market research. The Department of MBA organized a study tour to the National Institute of Securities Markets (NISM) on 14th October 2024, in celebration of World Investor Week. This event, aimed at

enhancing students' understanding of the financial markets, investor protection, and financial education, provided a significant learning opportunity for MBA students interested in finance and investment.

कर्मवीर अँड. बाबुराव गणपतराव ठाकरे
अभियांत्रिकी महाविद्यालयातर्फे दसरा सणाच्या
हार्दिक शुभेच्छा!

शुभेच्छुक

प्राचार्य, सर्व कर्मचारी व विद्यार्थीवर्ग

Dr. S. R. Devane
Principal