



KBTCOE

NEWSLETTER

AUGUST
2023

KBTCOE

Volume: VII

Issue: VIII

AUGUST - 2023 DEPARTMENT OF ENGINEERING SCIENCE INDUCTION PROGRAM



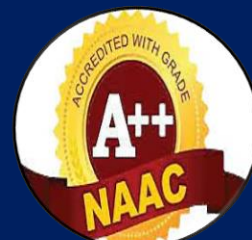
Maratha Vidya Prasarak Samaj's
**Karmaveer Adv. Baburao Ganpatrao Thakare
College of Engineering, Nashik**

NAAC "A++" Grade & NBA (Comp., Mech., Civil, Instru., IT)
Accredited Institute

Permanently Affiliated to Savitribai Phule Pune University

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

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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

Workshops/Seminars/Webinars/FDPs/STTPs

- Faculty Participation in FDPs (August - 2023)

The faculty member of the Department of Computer Engineering participated in various development programs during the month of August 2023.

Dr. B. S. Tarle (HOD), Dr. V. S. Pawar and Mr. B. S. Gholap (Faculty Members) attended the One Week National Level Faculty Development Program on Cloud Infrastructure (AWS) from 21st to 25th August 2023.

Department of Electronics & Telecommunication Engineering

Other Activities

- Induction Program (24/08/2023)



The Department of Electronics and Telecommunication Engineering conducted a highly informative one-day Induction Program for Third Year and Final Year E&TC students. The program, held on 2nd August 2023. The program was designed to familiarize students with crucial aspects of their academic journey and prepare them for the challenges ahead. The faculty members guided the students on various curricular and co-curricular aspects. The Induction Program concluded with an inspiring speech by Dr. V.M. Birari, motivating the students to be regular in attending lectures.

Department of Information Technology

Industrial Visits

- Automation Expo: 16th India International Trade Exhibition (25/08/2023)



The students of BE-IT visited Automation Expo 16th India International Trade Exhibition on 24th August 2023. Visit to this exhibition provided the student an exposure to the international automation product standards and the technology trends in the field of automation. In Automation Expo-2023 students explored the latest in automation technology, robotics, and AI. Connect with industry experts and envision a future empowered by automation also, discover the possibilities and innovations shaping our world.

Expert Talks / Guest Sessions

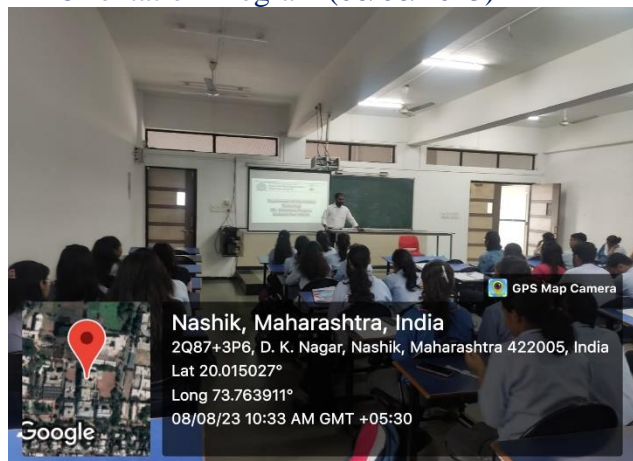
- “Mind Matters” by Mr. Advait Rao (28/08/2023)



Department of Information Technology organized an expert talk on “Mind Matters” on 28th August 2023 for SE, TE & BE-IT students under Audit Course VII. Mr. Advait Rao (Founder, Rudram Solution) & RJ Saurabh (Art of living Teacher) was invited as a resource person for this expert talk. They gave a brief introduction about benefits of Yoga, Need of Yoga to maintain balanced life, Stress Management.

Other Activities

- Orientation Program (08/08/2023)

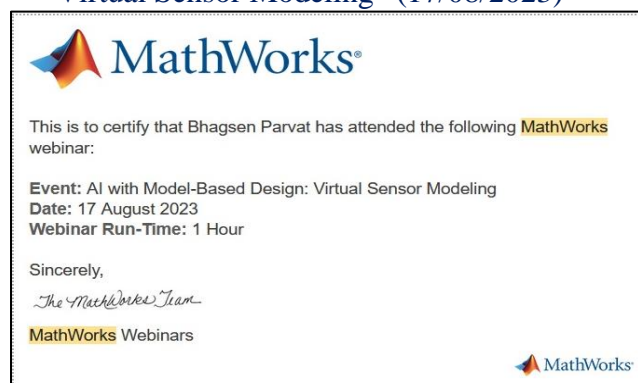


The Department of Information Technology organized an Orientation Program for TE-IT students on 8th August 2023. In this program, Dr. V. R. Sonawane (HOD) discussed the placements, NEP, various clubs, ITSA and activities conducted under it, rules, regulations of college. Dr. S. P. Jadhav discussed the importance of Outcome Based Education (OBE) and Ms. T. S. Pawar discussed the internship, industry institute interaction during the program.

Department of Instrumentation and Control Engineering

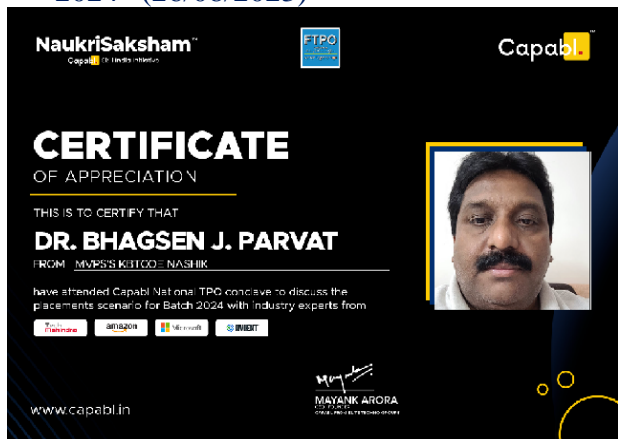
Workshops/Seminars/Webinars/FDPs/STTPs

- Webinar on “AI with Model-Based Design: Virtual Sensor Modeling” (17/08/2023)



Dr. B. J. Parvat (HoD-ICE) attended a webinar titled, “MathWorks” on 17th August 2023. In this session, the experts explained, how to develop virtual sensor models using feedforward neural networks, LSTMs, decision trees, and other AI techniques. Using the example of BMS SOC estimation, the experts also explained how to integrate AI models into Model-Based Design, to test the design using simulation and implement it on an NXP S32K3xx board using automatic code generation.

- Webinar on “National TPO Conclave 2024” (26/08/2023)



Dr. B. J. Parvat (HoD-ICE) attended Online National TPO Conclave 2024 on 26th August 2023. The conclave sessions aimed at helping colleges navigate 2024 hiring better by giving the exposure to Industry leaders. The experts also guided on how Capabl aims at helping College ecosystem be world-class during this webinar.

Expert Talks / Guest Sessions

- “Emerging Trends and Role of Embedded systems in Automotive sector” by Mr. Prajwal Joshi (12/08/2023)



Mr. Prajwal Joshi (Embedded Engineer, APTIV TCI, Bengaluru, India) delivered an expert Session on “Emerging Trends and Role of Embedded systems in Automotive sector” to TE & BE students dated 12th August 2023. He focused on Important aspects like Different Domain in Embedded system, Programming languages in Embedded, Micro-Controller family, ADAS, Advanced Driver Assistance system, Emerging Trends - Electric vehicles, Shared mobility, autonomous vehicles, Vehicle electrification, connected cars, Advanced safety.

- “Evolution of Emerging Automotive Instrumentation and Embedded systems in E- Vehicles” by Mr. Shekhar Borse (17/08/2023)



Mr. Shekhar Borse (C.E.O, Borse Automotive Pvt Ltd.) delivered an expert session on “Evolution of Emerging Automotive Instrumentation and Embedded systems in E-Vehicles” to TE & BE students dated 17th August 2023. He focused on Important aspects like success story of Borse Automotive, Journey of an Entrepreneur, Electric Power Steering, Autonomy level, ECU, ADAS system, swayata robotics, Role of MATLAB, CAN Protocols in Automotive sector, Advanced Driver, and Assistance system.

- “Success story to USA along with Industry Requirements from Fresh Engineering Graduate” by Mr. Mayur Sakhare (18/08/2023)



Mr. Mayur Sakhare (Control Engineer, ATLAS Copco, comptex, LLC, USA) delivered an expert session on “Success story to USA along with Industry requirements from fresh Engineering graduate” to TE & BE students on 18th August 2023. He focused on Important aspects like Success story of himself from CEAT Tyers Pvt. Ltd, Nasik to Atlas Copco, USA. He was willing to provide online sessions on Instrumentation and Compressors to students, guide students in their project work and help the department for Placement.

- “Startup India” by Mr. Shreekant Patil (22/08/2023)



Mr. Shreekant Patil, Chairman (NIMA Committee, Startup India, Mentor, Nasik) delivered a session on “Startup India” to TE & BE students on 22nd August 2023. He focused on how an idea is converted in to Business model, Various stages of mentoring like Ideation, Validation, Registration, Seed Funding, Government Schemes, Innovative Challenges, and Software Testing Park of India. He also emphasized on key skills required for startup.

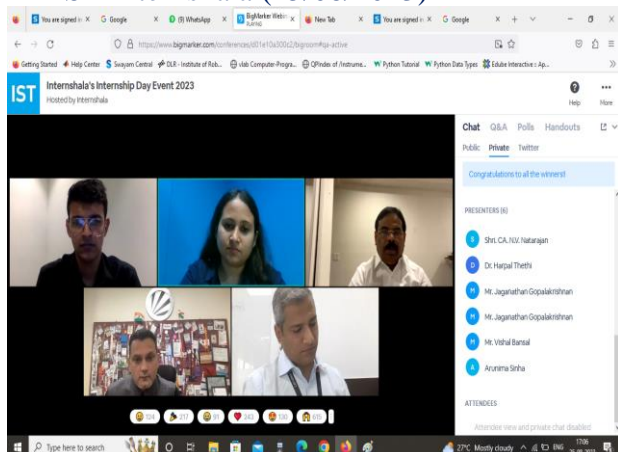
Technical Activities

- Practical Demonstration: Disc on Pin Apparatus (12/08/2023)



The Final Year Instrumentation & Control Engineering students got hands on practice and practical demonstration of “Disc on Pin Apparatus” on 12th August 2023 by Mr. Dnyaneshwar Kushare (Assistant Professor Mechanical Engineering Department). The students experienced about the Speed sensor, Load sensor, Wear sensor and Frictional force measurement sensor interacting with the DAC Card.

■ IST Internshala (25/08/2023)



Dr. A. R. Kulkarni (Faculty Member) attended a webinar organized by IST Internshala on the topic “Internship for Engineering Students” on 25th August 2023. The event was about progress of internships throughout the India. The program included award ceremony, panel discussion and question answer session. Zonal awards were distributed, in West Zone –Dhole Patil COE was awarded for best participation in Internships.

Student Achievement

■ Success in Mansoon Cricket Cup (11/08/2023)



Instrumentation & Control Engineering student have won the Monsoon Premier League (Cricket event) at College Level Cricket Competition. Monsoon Premier League is organized by the institute under the guidance of our Sports Director - Dr. Kare. In this tournament, total 07 teams participated and the final match was between Instrumentation and Control Engineering and Computer Engineering Team.

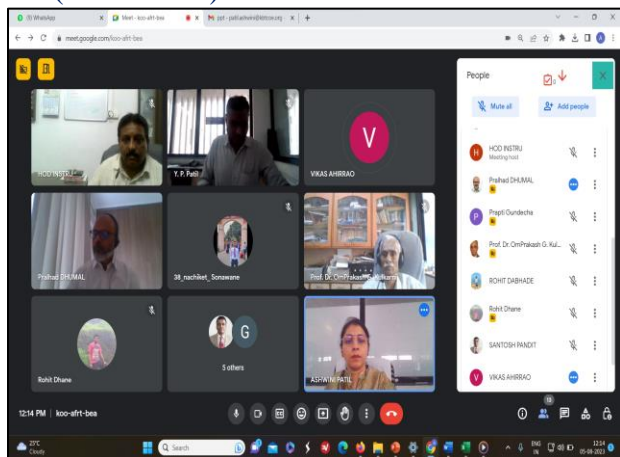
Other Activities

■ Alumni Interaction (05/08/2023)



Mr. Digvijay Kanoje (Assistant Manager, Oriental Insurance CO. Ltd.), Ms. Sonam Jagtap (Data Management Executive, Patco Precisions Components Pvt Ltd) visited the Department of Instrumentation & Control Engineering on 5th August 2023. In this visit they shared their success story for getting job in Government sector & MNC. They shared few ongoing projects of their company. They shared her experience while working in their organization. They showed keen interest in interacting with students and providing them any kind of help.

■ Department Advisory Board Meeting (05/08/2023)



The Instrumentation and Control Engineering department organized a Departmental Advisory Board (DAB) meeting on 5th August 2023. In the meeting, Industry experts suggested that students should work on the industry problems and present it in technical events. The problem areas in power electronics, especially semiconductor devices must be studied by the students.

■ SE-ICE Induction Program (21/08/2023)



Department of Instrumentation & Control Engineering has organized Induction Program for second year students on 21st August 2023. Dr. B. J. Parvat (HOD) guided the students about attendance, admission process, rules and regulations, training & placement related activities, rules. Dr. A. R. Kulkarni guided students on Universal Human Values. Dr. Y. P. Patil discussed the Internal Quality Assurance Cell (IQAC), its functions, efforts taken by staff members for development of quality culture.

■ Participation in Project Bandhan (23/08/2023)



The Third Year (TE-ICE) Instrumentation & Control Engineering students participated in the Social Project cum Activity: Project Bandhan on 23rd August 2023. The Project Bandhan is a flagship activity of the institute in association with the Sampurn Bamboo Kendra, Melghat. In this activity, the students from the institute help to market and sell the Bamboo DIY Rakhi kits to the school students thus fostering creativity, innovation, and entrepreneurship among them.

Department of Mechanical Engineering

Training and Placement

■ Student Placement (August 2023)

The students of the Final Year Mechanical Engineering are placed in Bosch Ltd. Through the Campus Placement activities during the month August -2023. Dr. S. R. Devane (Principal), Dr. V. M. Birari (Vice Principal), Dr. A. B. Kakade (HOD) and all the staff members of the institute congratulated them for their career achievement.

Mr. Amey Kadam	Placed in Bosch Ltd. with CTC 4.00 LPA
Mr. Aditya Handore	
Mr. Aniket Karmase	
Mr. Gaurav Kothawade	
Mr. Yashodeep Khairnar	
Mr. Aniket Lawand	

Workshops/Seminars/Webinars/FDPs/STTPs

■ Seminar on “Automated Multivegetable Transplanter” (04/08/2023)



A seminar on “Automated Multi-Vegetable Transplanter” was conducted in Department of Mechanical Engineering on 4th August 2023 in which Mr. Akshay Ohol (Lead Engineer, John Deere Pvt. Ltd., Pune) explained the TIFAN 2024 competition of SAEINDIA to be held at Rahuri Maharashtra. He appealed all the students to participate actively in this competition and take the advantage of technical support to be provided by mentor team of John Deere India Pvt. Ltd., Pune.

Department of Engineering Science

Other Activities

■ Induction Program (7th to 18th August 2023)

Department of Engineering Science organized an induction program for the newly admitted First Year students during 7th to 18th August 2023. Experts from various section of society, Industry and academics were invited to guide the students during this program. Few of the glimpses of the program are:



The first day (7th August 2023) of induction program began with the Parent-Teachers meet.



“Handing the Inner World & The world of Robots” by Shri Sukumar Gaur Prabhuji (B.E Mechanical, MBA Finance ISKON, Nashik) on 8th August 2023.



“Why, What & How of Entrepreneurship” by Mr. Nikhil Rajput & Mr. Nilesh Palkar (Director of Gravity Drone Tech & Form Dynamics, Alumni Mechanical Department) on 8th August 2023.



“Career Guidance” by Mr. Ketan Agnihotri (Technology Consultant at Microsoft) on 9th August 2023



“Industry Connect” by Mr. Mahesh Adke (TPO, MVPS’s KBTCOE, Nashik) on 9th August 2023



“Start-up Journey: Revamp Moto” by Mr. Pushkraj Salunkhe (Founder – Revamp Moto, Nashik and Alumni) on 9th August 2023



“Rhythm Devine” by Mr. Swapath Yatri (Founder – Rhythm Moves World) on 9th August 2023



“Mission Be Positive – A Success Mindset” by Dr. Shailendra S. Gaikwad (Hypnotherapist & Counselor, Founder, Elite Social Forum) on 10th August 2023



“Cyber Security and Engineering Careers” by Mr. Santosh Mundhe (Cyber Security Expert, Alumni, Computer Engineering) on 10th August 2023



Sports Activities on 10th August 2023



“Mind Matters” by Shri Chirag Patil (International Faculty of Art of Living) on 11th August 2023



“Act Play” by Mr. Om Shewale on 11th August 2023



“Start Up Journey” by Mr. Akshay Dikshit on 11th August 2023



“Poster Competition” on 11th August 2023



“Emotion Management” by Mr. Sachin Jadhav (Founder of Ramanujan Academy) on 12th August 2023



A Short Film Session – Right Here Right Now on 12th August 2023



“Cyber Awareness” by Cyber Doot (Cyber Ambassador of our college, Inspector - Nashik Cyber Cell) on 12th August 2023



Trek at Ramshej Fort on 14th August 2023



“Managing the Change” by Mr. Aniruddha Telang (Freelance Consultant & Motivational Speaker) on 17th August 2023



“Outcome Based Education & it’s importance” by Dr. S. R. Pachoirkar (Associate Professor, Department of MBA) on 17th August 2023



“Nashik Plogger” by Mr. Tejas Talware (Nashik Ploggers) on 17th August 2023



“Guidance on Examination” by Prof. B. N. Shinde (Chief Examination Officer) on 18th August 2023



“Engineering Academics” by Dr. U. V Patil (Dean - Academics) on 18th August 2023



“Scholarship Form Filling” by Mr. Sachin Rayate (Coordinator, Scholarship Section) on 18th August 2023



“E-Governance” by Mr. Mahesg Chaudhari (Coordinator, ERP Section) on 18th August 2023



Cultural Activities on 18th August 2023



Cultural Activities on 18th August 2023

Department of MBA

Other Activities

■ Induction Program (21st to 25th August 2023)

Department of MBA organized an induction program for the newly admitted First Year students during 21st to 25th August 2023. Experts from various section of society, Industry and academics were invited to guide the students during this program. Few of the glimpses of the program are:



“Let’s Build Wellness through Yoga” by Mr. Sameer Ghuge on 21st August 2023



Session on “Professional Skills and Decorum” by Mr. Aniruddha Telang on 21st August 2023.



Session on “Diet, Health, Mind” by Dr. Abhinav Muthe on 22nd August 2023



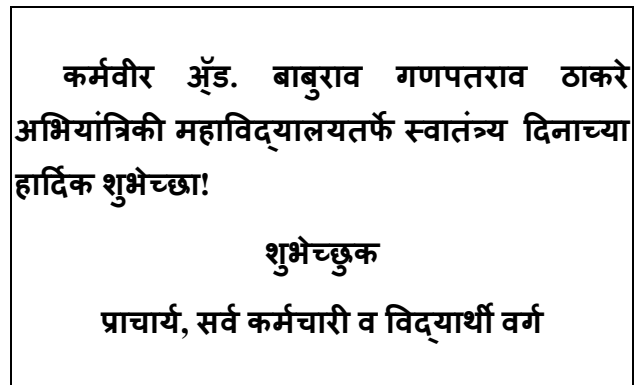
Session on “A Roadmap to Wealth and Equity Market” by Mr. Sagar Agrawal (Founder, Trademagic Pvt. Ltd.) on 23rd August 2023



Session on “Personality Matters” by Mr. Swatantra Kumar (Corporate Trainer) on 24th August 2023



Session on “Sentiment Analysis: Explore Yourself” by Mrs. Nirja Upadhye (HR Expert) on 25th August 2023



Dr. S. R. Devane
Principal