



KBTCOE

NEWSLETTER

APRIL
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KBTCOE

Volume: VI

Issue: IV

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MVP-ARMSTRONG ROBOTICS LAB INNAUGURATION CEREMONY



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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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 KBT COE 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.

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.

Institute Level Activities

- Inauguration of “MVP-Armstrong Robotics Lab” (26th April 2022)



Maratha Vidya Prasarak Samaj in collaboration with Armstrong Machine Builders Pvt. Ltd. have pioneered in opening MVP-Armstrong Robotics Lab at MVP Samaj's Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering (KBTCOE), Nashik. This Robotics Lab has been set up according to the industry expectations using cutting edge technology. This is the first ever lab of its kind in entire North Maharashtra region. A grand inaugural function of this laboratory has been organized on 26th April 2022 at MVP Samaj's KBT COE Nashik campus by the hands of Mr. Brendan Lacy (Senior Director – Operations Delivery, Dematic, Australia) in the presence of Mr. Vineet Majgaonkar (Chairman - Armstrong), Mr. Pranav Majgaonkar (Managing Director, Armstrong) and all the Board of Directors of MVP Samaj, Nashik.

In her address, Smt. Neelimatai Pawar (Hon. Sarchitnis – MVP Samaj) said that, this lab would provide the students of engineering field an opportunity to showcase and explore their technological skills and talent. The initiative from MVP Samaj has been met with an equally enthusiastic response

and corporate social responsibility from the Armstrong Robotics lab which resulted in setting up of this cutting edge robotics lab. This cutting edge lab will equally benefit the KG to PG students of MVP Samaj along with the engineering students of the KBTCOE through the improvement in their technological soundness to a whole new level. This robotics lab will also help the students of MVP Samaj in generating employment opportunities in Multinational Corporations (MNCs). Hon. Sarchitnis, Smt. Neelimatai further emphasized that the MVP Samaj in association with Armstrong Machine Builders Pvt. Ltd. would continue such kind of social commitment initiative in future too.

The Lab is coordinated by Mrs. Sujata Tidame at institute level and Mrs. Praneeta Kashyape at Armstrong Machine Builders Pvt. Ltd., Nashik. During this ceremony, the Local Management Committee (LMC) Members of KBTCOE, Shri. Shivajirao Gawale, Shri. Ashikrao Boraste, Shri. Diliprao Pawar, Shri. Rajesh Pawar, Shri. Shankarrao Rayate, Shri. Uttamrao Gadhve, Shri. Pramod Jade and Shri. Chetan Kare were also present.

- NBA Accreditation Committee Visit (8th – 10th April 2022)



As a part of the Quality Improvement Practices and Culture, the Institute has been preparing for the NBA Accreditation of 05 of its department viz. Mechanical, Computer, Information Technology, Civil and Instrumentation & Control Engineering.



An assessment committee, consisting of a Chairman and Experts visited the institute during 8th to 10th April 2022. During this visit the committee members assessed the practices and facilities and interacted with various stakeholders of the institute.

Department of Electronics & Telecommunication Engineering

Workshops/Seminars/Webinars/STTPs

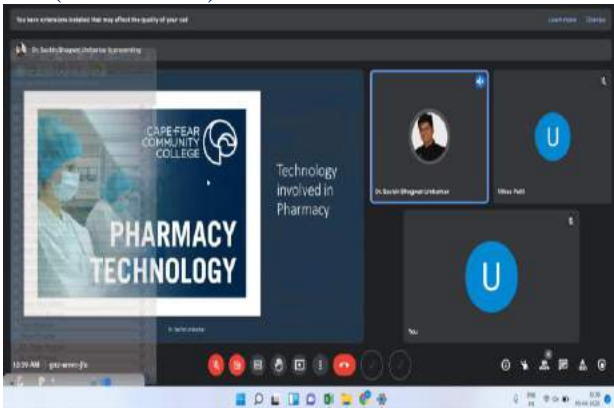
- Workshop on “Product Engineering” (28th March to 1st April 2022)



Department of Electronics & Telecommunication Engineering organized a workshop on “Product Engineering” in collaboration with MVP Samaj’s College of Architecture and Centre for Design 28th March to 1st April 2022.

In this workshop, students from E & TC engineering & Architecture College were participants. The expert sessions were conducted by Prof. Priyanka Kale, Prof. Prajakta Wankar (both from Architecture College and Prof. Balasaheb Pawar & Prof. Dipali Patil (both from KBTCE). They guided on product design process, different technologies used for product development. Students also had hands on different software like Proteus for simulation of circuits, PCB express for PCB designing, AutoCAD 2D software & Rhino 3D software for rendering & exploded view of product. Students are able to develop a mock up for their project.

- Webinar on “Approaches to System Design, Cascade Compensation Networks, Phase-Lead/Lag Design Using the Bode Diagram and performance evaluation using MATLAB Simulation / Simulink” (09/04/2022)



The Department of Electronics & Telecommunication Engineering organized a webinar on “Approaches to System Design, Cascade Compensation Networks, Phase-Lead/Lag Design Using the Bode Diagram and performance evaluation using MATLAB Simulation/ Simulink” for the students of SE, TE & BE on 9th April 2022. Dr. Sachin Umberkar (Senior Member of IEEE, Member of SAE International Scientific Community AMERE-USA & Lead Manager, EATON Research Centre) was invited as resource person for this workshop.

Expert Talks/Guest Sessions

- Expert Talk on “Project Scheduling and Cost Estimating” (29th – 30th March 2022)



The Department of Electronics & Telecommunication Engineering organized an expert talk on “Project Scheduling and Cost

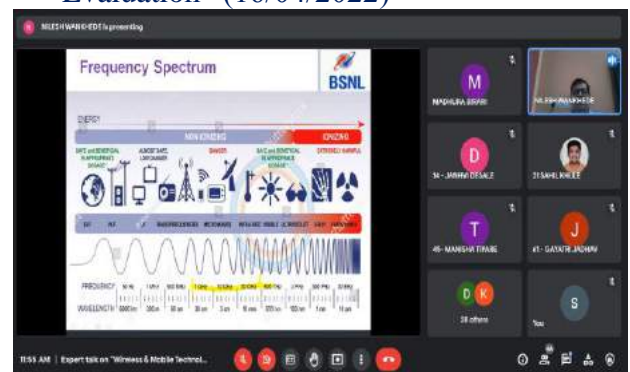
Estimating” for TE-E&TC students on 29th & 30th March 2022. Dr. D. T. Khairnar (HOD-MBA) was invited as the resource person for this session. He guided students on techniques of project management and estimating the project cost.

- Expert Talk on “Template and Real time application of CPP” (31/03/2022)



The Department of Electronics & Telecommunication Engineering organized an expert talk on “Template and Real time application of CPP” for SE-E&TC students on 31st March 2022. Mrs. V. R. Lele freelancer in field of software was invited as resource person for this session. She guided the students on the importance and application of Template for Generic Programming.

- Expert Talk on “Wireless & Mobile Technologies and Their Performance Evaluation” (16/04/2022)



The Department of Electronics & Telecommunication Engineering organized an expert talk on “Wireless & Mobile Technologies

and Their Performance Evaluation” on 16th April 2022. Mr. Nilesh Wankhede (Principal, Regional Telecom Training Center, BSNL Pune) was invited as the resource person for the same.

Technical Activity

- Event on “Application of AI &ML and Hackathon” (30/03/2022)



He guided students on different generations of Mobile Networks, LTE Architecture, Advanced LTE & 5-G Architecture. Students of TE-E&TC took the benefit of the session.

The Department of Electronics & Telecommunication Engineering in association with KBTCOE Start-Up & ED Cell organized an event titled “Application of AI &ML and Hackathon” for the TE & BE – E&TC Students. During this event an expert talk by Mr. Prajyot Patil (AIS Solution Pvt. Ltd., Pune) followed by Hackathon was organized on 30th March 2022.

Department of Engineering Science

Workshops/Seminars/Webinars/STTPs

- Workshop on “Robotics & IOT” (29th – 30th April 2022)



The First Year Engineering Students Association (AARAMBH) in association with Ray Robotics has organized two days hands-on workshop on "Robotics and IOT" for first year engineering students. This workshop is conducted by Mr. Sagar Patil (Founder, Ray Robotics) along with his team members. He guided the students on Microcontroller and Arduino Circuit during this workshop.

Department of Instrumentation & Control Engineering

Training & Placement

- Student Placement (April-2022)



Mr. Saurabh Suradkar & Mr. Yogesh Halnor are placed in Armstrong Machine Builders Pvt. Ltd. Nashik.



Ms. Apoorva Patil & Ms. Gayatri Patil are placed in Infosys through Campus Placement activities in the month of April 2022.

Department of Mechanical Engineering

Industry Visits

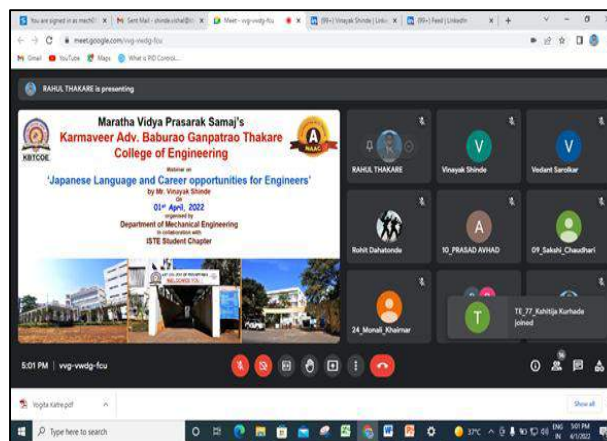
- Visit to Kadwa Co-operative Sugar Factory (26th & 27th April 2022)



The Department of Mechanical Engineering organized an Industrial visit to the co-generation plant of Kadwa Co-operative Sugar Factory Ltd. on 26th & 27th April 2022 for the students of BE-Mech. During the visit the student observed the Sugar Manufacturing process along with the steam thermal power plant of 3MW. Mr. Vijay Khalkar (Chief Engineer, Kadwa Co-Op. Sugar Factory Ltd.) guided the students during the visit.

Expert Talks/Guest Sessions

- Expert Talk on “Project Scheduling and Cost Estimating” (29th – 30th March 2022)



The ISTE student chapter in association with Department of Mechanical Engineering organized an expert talk on “Japanese language and Career Opportunities for Engineers” 1st April 2022. Mr. Vinayak Shinde (Recruitment Manager, Ganesha Technology LLC, Tokyo, Japan) was invited as the resource person for this session. He guided the students on Japanese language proficiency and its benefits for higher education as well for career in Japan.

Seminars/Webinars/Workshops/STTPs etc.

- “Enabling a perfect Research ecosystem with Science Direct” by Dr. Vinita Saroha (28/05/2022)



The Department of Central Library in association with Elsevier organized a webinar on the topic “Enabling a perfect Research ecosystem with Science Direct” on 28th April 2022. Dr. Vinita Saroha guided the audience on understanding the research issues and effective use of Science Direct.

कर्मवीर अॅड. बाबुराव गणपतराव ठाकरे
अभियांत्रिकी महाविद्यालयातर्फे मराठी नववर्ष -
गुढी पाडवा, गूड फ्रायडे व डॉ. बाबासाहेब आंबेडकर
जयंती च्या हार्दिक शुभेच्छा!

शुभेच्छुक

प्राचार्य, सर्व कर्मचारी व विद्यार्थीवर्ग

Dr. S. R. Devane
Principal