



Nashik District Maratha Vidya Prasarak Samaj's

Karmaveer Adv. Baburao Ganpatrao Thakare

COLLEGE OF ENGINEERING

NAAC 'A' Accredited

Udoji Maratha Boarding Campus, Near Pumping Station,

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KBT COE NEWS LETTER

NDMVPS's K.B.T. College of Engineering, Nashik has been serving the society larger since 1999. At present the college provides four year courses leading to Bachelor's Degree of Savitribai Phule Pune University in Mechanical Engineering, Computer Engineering, Instrumentation and Control Engineering, Electronics and Telecommunication Engineering, Civil Engineering, Information Technology along with post graduate courses in MBA, ME Mechanical (Design Engineering) and ME Civil (Construction Management). The institute has been accredited with NAAC 'A' Grade.

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 college News-Letter has been started from January 2017 and latest issue will be available on the college website: www.kbtcoe.org

Vision, Mission and Objectives of the 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

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.

1. Training & Placement

Department of Instrumentation & Control Engineering

Placement (October 2019)

Following students of Instrumentation and Control Engineering department were placed through Off-Campus placement in the month of October 2019:

1. Mr. Ghoshan Chaudhari is placed in Dunamis Engineering and Consultants, Nashik.
2. Mr. Sagar Dhongade is placed in Sankalp Automation & Control, Pune

Department of Computer Engineering

Placement (October 2019)

Students of Computer engineering department have achieved success in their career with excellent placements: Ms. Ashwini Pawar and Mr. Sanket Badjate were placed in Cognizant Ltd. Mr. Prathamesh Dhobale was placed in Zensar Technologies Pvt Ltd. Ms. Amruta Bodke was placed in Capgemini and Mr. Vivek Patil was placed in Volkswagen.

Department of MBA

Training (15/10/2019)



The Department of MBA organized a Local Outbound Training Program for the students of MBA-FY on 7th October 2019. Mr. Gordon Noronha (Corporate Trainer) was invited as resource person for the same.

Department of Central Library

- “Effectively and Efficiently Utilizing the IEEE Xplore platform” by Mr. G K Upadhyaya (18/10/2019)



The Department of Central Library organized an interactive training session on “Effectively and Efficiently Utilizing the IEEE Xplore platform” for faculties of Department of Computer, E&TC, Information Technology and Instrumentation & Control Engineering on 18th October 2019. Mr. G K Upadhyaya, (IEEE Certified Trainer, EBSCO Information Service) guided the faculties time saving features for researchers using IEEE Xplore, facets to “drill down” to obtain precision and relevancy.

2. Workshops/Seminars/STTPs/FDPs

Department of Electronics & Telecommunication Engineering

- Workshop on “Artificial Intelligence & Machine Learning” (10/10/2019)



Department of E&TC Engineering conducted workshop on "Artificial Intelligence & Machine Learning" during 8th September to 10th October 2019. The objectives of this workshop were to learn various types of machine learning algorithms and Implement the algorithms for 18 small projects and 01 big project using python

**Workshop on “Solar Urja Lamp”
 (02/10/2019)**



Department of Electronics & Telecommunication Engineering in collaboration with IIT Bombay organized a workshop on "Solar Urja Lamp" (SoUL) for Solar Ambassadors students on 2nd October 2019.

Department of Engineering Science

**Workshop on “Key to Success”
 (19/10/2019)**



First Year Engineering Students Association (AARAMBH) organized Seminar on "Key to Success" by Mr. Krishna Dhan Das on 19th October 2019. He guided on 5 keys to success – Attitude, Focus, Association, Saying no to temptation, Faith in Higher Power.

Department of MBA

**Workshop on “Research Methodology”
 (10th – 11th October 2019)**



The Department of MBA organized a Two Days workshop on Research Methodology during 10th & 11th October 2019. Mr. Parikshit Pachorkar & Dr. Ujval Sonone were invited as resource persons for this workshop.

3. Industrial Visit

Department of Information Technology

**“Automation EXPO 2019, Mumbai”
 (26/09/2019)**



Department of Information Technology organized an educational visit to Automation EXPO 2019, BCEC, Goregaon (East), Mumbai on 26th September 2019.

Department of Instrumentation & Control Engineering

- “M.V.P. Samaj’s K.D.S.P. College of Agriculture, Nashik” (19/10/2019)



Department of Instrumentation & Control Engineering organized an industrial visit at M.V.P. Samaj’s K.D.S.P. College of Agriculture, Nashik on 19th October 2019. The students performed practical on UV/Visible spectrophotometer & measured the peak absorbance of sample at different wavelength.

- “Seva Automotive Pvt. Ltd., Nashik” (16/10/2019)



Department of Instrumentation & Control Engineering organized an Industrial Visit at Seva Automotive Pvt. Ltd., Nashik on 16th October 2019 for BE-ICE students.

- “Samarth Krupa Instru Lab, Nasik” (14/10/2019)



Department of Instrumentation & Control Engineering organized an industrial visit at Samarth Krupa Instru Lab on 14th October 2019. Mr. Ganesh Sonawane (Samarth Krupa Instru Lab & Alumni) guided students through this visit.

- “M.V.P. Semaj’s I.T.I College, Nashik” (11/10/2019)



Department of Instrumentation & Control Engineering organized an Industrial Visit at M.V.P. Semaj’s I.T.I College, Nashik on 11th October 2019. The students got practical demonstration on 6 cylinders diesel engine, got explored to various parts of engines, their functions, got demonstration on power window & its operation, demonstration on diesel injector, Spark plug.

- “RAP Analytical & Research center, Nashik” (10/10/2019)



Department of Instrumentation & Control Engineering organized an industrial visit at RAP Analytical & Research center, Nashik on 10th October 2019. The students did practical demonstration with readings on Gas Chromatography (G.C), High Performance Liquid Chromatography (HPLC), and UV/Visible Spectrophotometry on various samples like Acetone, Benzene, Tolerune, & Paracetamol contents of tablets.

- “STRAMA Summit Machinery Pvt. Ltd. Nashik” (02/10/2019)



Department of Instrumentation and Control Engineering organized an expert session and demonstration at STRAMA Summit Machinery Pvt. Ltd. Nashik on 2nd October 2019. Ravi Mahadeokar (Director), Mr. Ajay Hyalij (STRAMA Summit Machinery Pvt. Ltd. Nashik) guided the students through this session.

Department of Computer Engineering

- “Squad InfoTech Pvt. Ltd., Nerul, Mumbai” (26/09/2019)



Computer Engineering department organized an Industrial visit for the Third year students at Squad InfoTech Pvt. Ltd., Nerul, Mumbai on 26th September 2019. The educational industry conducted session for student regarding industry work, how to face interview, and how to prepare for the placement.

Department of MBA

- “BSE (Bombay Stock Exchange), Mumbai” (15/10/2019)



The Department of MBA organized an Industrial visit to BSE (Bombay Stock Exchange), Mumbai on 15th October 2019. During this visit the students of MBA SY got an exposure to share trading practices.

- **“Gharkul Sansatha, Pimpalgaon Bahula, Nashik” (12/10/2019)**



The Department of MBA organized an Industrial Visit to an NGO viz. “Gharkul Sansatha” at Pimpalgaon Bahula, Nashik on 12th October 2019. This NGO is working for the specially abled people and generates revenue by selling the products made by these people.

- **“Sahyadri Farmers Producer Company, Mohadi” (03/10/2019)**



The Department of MBA organized an Industrial Visit at Sahyadri Farmers Producer Company, Mohadi on 3rd October 2019. During the visit, the students of MBA-FY observed the corporate practices of this food manufacturing company.

4. Expert Talk/Lectures

Department of Information Technology

- **“Applications of Graph” by Ms. Nilam Khiarnar (07/10/2019)**



The department of Information Technology organized an expert lecture on “Applications of Graph” for SE students on 7th October 2019. The Resource person of this expert talk was Ms. Nilam Khiarnar (Assistant Professor, SNJB's College of Engineering, Chandwad).

- **“Algorithms and Algorithmic Strategies” by Mr. Nikam Mohan (03/10/2019)**



The department of Information Technology organized an expert lecture on “Algorithms and Algorithmic Strategies” for SE students on 3rd October 2019. The Resource person of this expert talk was Mr. Nikam Mohan (Assistant Professor, SITRC, Nashik).

- **“Open Source Technology” by Mr. Akshay Sonavane (01/10/2019)**



Department of Information technology organized a session on “Open Source Technology” on 1st October 2019 under Institution of Engineers student chapter of IT Department. The session was conducted by Mr. Akshay Sonavane. He has discussed different Tools/SW available under open source platform.

- **“Mini-Max Tree” by Ms. Shital Bedse (01/10/2019)**



The department of Information Technology organized an expert talk on “Mini-Max Tree” for SE students on 1st October 2019. The Resource person of this expert talk was Ms. Shital Bedse (Assistant Professor, SITRC, Nashik).

- **“Introduction to CAD for logic design” by Mrs. Smita N. Chaudhari (01/10/2019)**



Department of Information Technology organized hands-on expert talk on “Introduction to CAD for logic design” on 1st October 2019 for Second Year IT students. Mrs. Smita N. Chaudhari (Assistant Professor, IT Department, K.KWIEER, Nashik) was invited as a resource person for this expert talk.

Department of Electronics & Telecommunication Engineering

- **“E-Waste Awareness and Collection Drive” by Mr. Amey Sonavani (08/10/2019)**



Department of Electronics & Telecommunication Engineering organized an Expert Talk on "E-Waste Awareness and Collection Drive" by Mr. Amey Sonavani for E & TC Students & Staff on 8th October 2019.

- **“Automation in Industry” by Mr. Sandip Waysal (05/10/2019)**



Department of Electronics & Telecommunication Engineering organized a guest session on “Automation in Industry” on 5th October 2019. Mr. Sandip Waysal (FOX Controls Pvt Ltd. & Alumni-E&TC) was invited as resource person for the session.

Department of Instrumentation & Control Engineering

- **“5-S Technique” by Dr. D. T. Khairnar (16/10/2019)**



Department of Instrumentation & Control Engineering organized an expert lecture on “5-S Technique” on 16th October 2019. Dr. D. T. Khairnar (Head, MBA Department) was invited as resource person for this session.

- **“AVR Microcontroller” by Mr. Arjun Kapile (15/10/2019)**



Department of Instrumentation & Control Engineering organized an expert session on “AVR Microcontroller” on 15th October 2019. Mr. Arjun Kapile (Director, Atharva Electronics, Nashik) explained the programming software for AVR Microcontroller like AVR Studio4 & MicroC. He explained some programs like Interfacing of LCD with AVR Microcontroller, Timer related program to generate a delay. He simulated those programs in Proteus software.

- **“How to crack MPSC exams & Latest Trends in Automobile sectors” by Mr. S.D. Bhamare (01/10/2019)**



Department of Instrumentation & Control Engineering organized an expert talk on 1st October 2019. Mr. S.D. Bhamare (Assistant Professor, Mechanical Department) guided students about “How to crack MPSC exams & Latest Trends in Automobile sectors”.

- **“Career Guidance & Soft Skills” by Dr. Sachin Pachorkar (01/10/2019)**



Department of Instrumentation & Control Engineering organized an expert talk on “Career Guidance & Soft Skills” on 1st October 2019. Dr. Sachin Pachorkar (Associate Professor, MBA) was invited as resource person for this session.

- **“Economics and Management” by Dr. D. K. Mukhedkar (09/10/2019)**



An expert Session on “Economics and Management” by Dr. D. K. Mukhedkar (Director, IMRT, Nashik) was organized on 9th October 2019. In the session students learned about Economics and management.

Department of Computer Engineering

- **“Resume Writing” by Mr. Pravin Pachorkar (25/09/2019)**



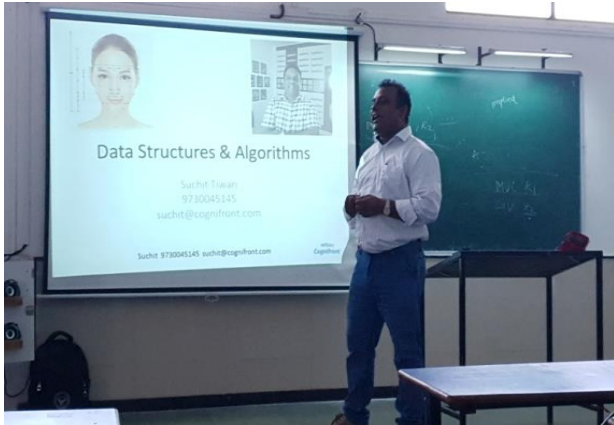
A session on “Resume Writing” by Mr. Pravin Pachorkar, (Alumni & working at Professional’s Technosoft, Nashik) was organized on 25th September 2019. In the session students learnt the skills of resume writing.

- **“Cyber Security” by Mr. S. A. Talekar (18/10/2019)**



An expert Session on “Cyber Security” by Mr. S. A. Talekar was arranged in CMCS college on 18th October 2019. In the session students learned concepts of cyber security.

- **“Real time applications of Data Structures in programming” by Mr. Suchit Tiwari (23/10/2019)**



An expert Session on “Real time applications of Data Structures in programming” by Mr. Suchit Tiwari (CEO, Cognifront, Nashik) was organized on 23rd September 2019. In the session students learned about Real time applications of Data Structures in programming.

Department of Mechanical Engineering

- **“Surface Modification Techniques” by Dr. Dhiraj Deshmukh (11/10/2019)**



Department of Mechanical Engineering organized an expert talk on “Surface Modification Techniques” on 11th October 2019. Dr. Dhiraj Deshmukh was invited as resource person for the same.

Department of MBA

- **“Entrepreneurship Development” by Dr. Dhiraj Deshmukh (15/10/2019)**



The Department of MBA organized an expert talk on “Entrepreneurship Development” on 15th October 2019. Mr. Tejas Agrawal was invited as resource person for this session.

Department of Central Library

- **Expert Talk by Shri. Uttam Kamble (15/10/2019)**



Department of Instrumentation & Control Engineering organized an expert session of Shri. Uttam Kamble on 15th October 2019. He talked about Universal Values Equality, Independence and Brotherhood, Love, Saint Kabir, Saint Meera and Gautam Buddha.

5. Technical Activities

Department of Information Technology & KBT COE Innovation and Startup Cell

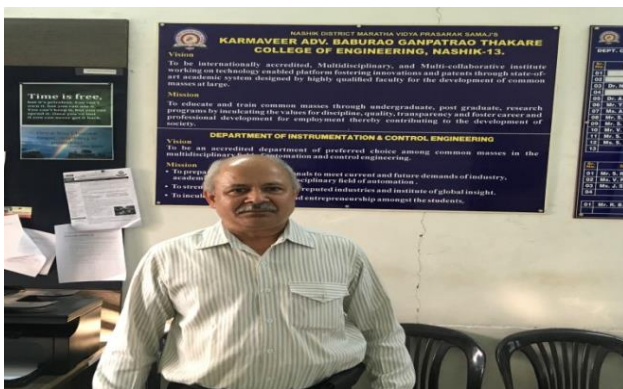
- “Ideation Competition” (15/10/2019)



KBT COE Innovation and Startup Cell organized a college level Ideation Competition on 15th October 2019 under Centre for Innovation, Incubation and Linkages of SPPU, Pune. 08 teams participated in this competition. Team from IT Department (Mr. Sanket Kapole, Ms. Sayli Mekhe and Ms. Varsha Shewale) have won the first prize and Team from IT Department (Mr. Atharv Langhe, Mr. Rohit Khairnar, Mr. Sushant Patil and Mr. Jaswant Patil) have won the second prize.

Department of Instrumentation & Control Engineering

- Industry Institute Interaction (19/10/2019)



Discussion of staff members of Instrumentation & Control Engineering department with Mr. Aniruddha Samvatsare (Director Shriharsh Electronics) was conducted on 19th October 2019.

- Industry Institute Interaction (18/10/2019)



Dr. A. R. Kulkarni (HoD) and Mr. S. R. Pandit (Assistant Professor) visited Vividha Biotech, Sinnar, Nashik on 18th October 2019.

- Industry Institute Interaction (12/10/2019)



Mr. Tushar Patwardhan (CEO Tushar Metals), Dr. A. R. Kulkarni and Mr. V. A. Ahirrao discussed about PO (Program Outcome) attainment on 12th October 2019.

▪ **Technology Demonstration (16/10/2019)**



Demonstration of an Experiment PC to PC communication for CTA subject was arranged for Students at UV Knowledge Centre Pvt. Ltd. Raspberry Pi hardware based image acquisition, filtering, edge detection, color to gray scale conversion and transferring from server to client was demonstrated. Three real problems were discussed with solutions by the expert Mr. Vikrant Husale and Career opportunities were discussed by Mr. Yuvraj Vadaje.

▪ **Demonstration of Dry Dust Collecting Machine (09/10/2019)**



Mr. Contactor Asifali and Ms. Bedis Prachi (Students of ICE department) gave demonstration of Dry Dust Collecting Machine to Owner of Sneh Enterprises, Mr. Prashant Pande on 9th October 2019.

▪ **Artificial Intelligence and career opportunities in AI (4th – 5th October 2019)**



03 students from Department of Instrumentation & Control Engineering participated in expert session of Dr. Shriniwas Padmanabhuni & Mr. C.V. Mahesh during 4th – 5th October 2019. Students learnt about Artificial Intelligence and career opportunities in AI.

Department of Computer Engineering

▪ **“C War” (30/09/2019)**



“C War”, a C programming competition was organized by Department of Computer Engineering. This competition was organized by CSI on 30th September 2019. Mr. Nitin Mahajan (eLuminous Technologies, Nashik) guided the students during the competition’s inauguration.

6. Other Activities

Department of Central Library

- **Hackathon (19/10/2019)**



A Hackathon was organized by Winjit Pvt. Ltd. at Computer Engineering department on 19th October 2019. Problems related to Artificial intelligence and machine learning regarding the prediction system for an employee was given to the participants for finding solution.

- **“DEVFEST” (13/10/2019)**



The Google Developers Group organized “DEVFEST” event in the institute on 13th October 2019. The Conference involved discussion on various Google Technologies.

- **“Vachan Prerana Din” (23/10/2019)**



The Department of Central Library celebrated birth anniversary of Dr. A. P. J. Abdul Kalam as “Vachan Prerana Din” on this occasion a Book Exhibition in the Central Library was organized and “Author Talk” session by Shri. Uttam Kamble (Ex. Chief Editor Daily Sakal).

- **Coffee Katta Activity (Every Friday)**



Staff members of the institute participate in “Coffee Katta” activity of the Central Library department every Friday.

7. Social Activities

Department of NSS

- Blood Donation Camp - "PRERANA DIN" (07/10/2019)



Department Of NSS organized a Blood Donation Camp - "PRERANA DIN" on 7th October 2019 in commemoration of Karmaveer Dr. Vasantao N. Pawar.

- Campus Cleaning Activity (02/10/2019)



On the occasion of 150th Birth Anniversary of Mahatma Gandhi, NSS organizes campus cleaning activity on 2nd October 2019.

Department of Instrumentation & Control Engineering

- Jalshakti Abhiyaan (05/10/2019)



An awareness regarding clean India and Jalshakti Abhiyaan was conducted & coordinated at Z. P. Primary school Tryambak Vidyamandir, Belgaon Dhaga by Dr. A. K. Patil



An activity of poster making regarding clean India and Jalshakti conducted at Janata Vidyalay, Matori on 5th October 2019 by Dr. A. K. Patil

कर्मवीर अॅड. बाबुराव गणपतराव ठाकरे
 अभियांत्रिकी महाविद्यालयातर्फे दिपावलीच्या
 हार्दिक शुभेच्छा !

शुभेच्छुक
 प्राचार्य, सर्व कर्मचारी व विद्यार्थीवर्ग

Principal