



Nashik District Maratha Vidya Prasarak Samaj's

Karmaveer Adv. Baburao Ganpatrao Thakare

COLLEGE OF ENGINEERING

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TECHNICAL NEWS LETTER: NOVEMBER 2017

Vol.:1
Issue:10



KBT COE NEWS LETTER

The 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, MCA, ME Mechanical (Design Engineering) and ME Civil (Construction Management).

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. Conference on “Manufacturing Innovation Conclave” in association with CII (24/11/2017)

The Confederation of Indian Industry (CII) works to create and sustain an environment for the growth of Industry in India. The institute in association with CII-Confederation of Indian Industry North Maharashtra organized a conference on “Manufacturing Innovation Conclave” on 24th November 2017. The aim of this discussion session was to build powerful ecosystem, production expansion and improvement of production quality. Smt. Nilimatai Pawar (Sarchitnis, MVP Samaj), Dr. N. S. Patil (Education Officer, MVP Samaj), Dr. K. S. Holkar (Principal), CEOs of various reputed companies, Principals and Professors of various engineering colleges along with HoDs and staff members of all the departments of the institute were present.

At the beginning of first session, Dr. K. S. Holkar (Principal) welcomed the guests and gave introduction of the event. Mr. Sudhir Mutalik (Managing Director, Positive Metering Pumps Pvt. Ltd.) welcomed the audience on behalf of CII. The program convener Mr. Ravi Mahadevkar welcomed the chief guest Mr. Narendra Golia (Chairman, Rishabh Instruments) and Smt. Nilimatai Pawar. Chief Guest Narendra Golia (Chairman, Rishabh Instruments) encouraged the audience and emphasized on importance of innovations. In her address, Smt. Nilimatai Pawar suggested that, the Educational Institutions and Industry has to come together for the bright future of the students. The efforts made by the organization for research and innovation have been briefed. She also suggested that, organizing such

seminars for the development of students and community is very important.

In the second session, panel discussion was conducted on “Powering the next generation through collaboration”. Mr. Joydeep Bhattacharjee (Executive Director, ThyssenKrupp, Electrical Steel India Pvt. Ltd.), Dr. Vandana Sonawane (Director, Symbioses Institute of Operations Management), Dr. Keshav Nandurkar (Principal, K. K. Wagh College of Engineering), Mr. Sunil Khandbhale (Founder & Chief Executive Officer) took the active participation. This panel discussion was moderated by Mr. Sudhir Mutalik (Managing Director, Positive Metering Pumps Pvt. Ltd.). The third session “Innovation through Collaboration” was conducted by Dr. Rajendra Parijat (Associate Professor, Chh. Shahu Institute of Bussiness Education & Research). After this session, a panel discussion was conducted on “Importance of Innovation by Automation” among Mr. Ajitsingh Dhingra (Assistant General Manager, Rothe Erde India Pvt. Ltd.), Mr. Anil Auradkar (Deputy General Manager, Bosch India Ltd.), Mr. Sourabh Mishra (Assistant Manager, Bosch India Ltd.), Mr. Dinesh Kohok (Managing Director, Kohok Auto Pvt. Ltd.).



Dr. K. S. Holkar (Principal) addressing the audience

In the last session of the conference, various projects were presented by the participants. Mr. Avinash Chintawar (Chairman, CII North Maharashtra Zonal Council, Vice president Bosch Ltd.) gave vote of thanks.



Mr. Joydeep Bhattacharjee (Executive Director, ThyssenKrupp, Electrical Steel India Pvt Ltd), Dr. Vandana Sonawane (Director Symbioses Institute of Operations Management), Dr. Keshav Nandurkar (Principal, K. K. Wagh College of Engineering), Mr. Sunil Khandbhale (Founder & Chief Executive Officer) during Panel Discussion

2. Training & Placement

Department of Computer Engineering

- STTP on Design & Development of IoT Applications Using Raspberry Pi (13th to 17th November 2017)

Two Faculty members, Ms. Priti Shinde and Ms. Dipika Tidke, from Department of Computer Engineering attended the Short Term Training Program on Design and Development of IoT Applications using Raspberry Pi organized by Sandip Institute of Technology and Research Centre, Nasik. The hands on training sessions were conducted by Mr. Tushar Kute, Mr. Tejas Rawal and Mr. Aniket Thorave, Researchers from MITU Research, Pune. The features and advantages of Raspberry Pi were specified along with its usage in various applications.



Participants of STTP

Department of MBA

- Digital Impact Square (TCS) recruits Ms. Leena Punjabi (16/11/2017)

TCS (Tata Consultancy Services) is running an innovation based project - Digital impact Square (DIS) in Nashik city. Through this initiative DIS promotes the innovation and research practices in the field of engineering and life sciences. For the posts of "Innovator" a nationwide recruitment drive was conducted in the month of October and November 2017 for which around 7500 student from 70 colleges marked their participation.



Ms. Leena felicitated by Dr. K. S. Holkar (Principal), Dr. D. T. Khairnar (HoD) and staff

Ms. Leena Punjabi, a student from Department of MBA has got selected for this post. Dr. K. S. Holkar (Principal), Dr. D. T. Khairnar (HoD) and the staff off the institute

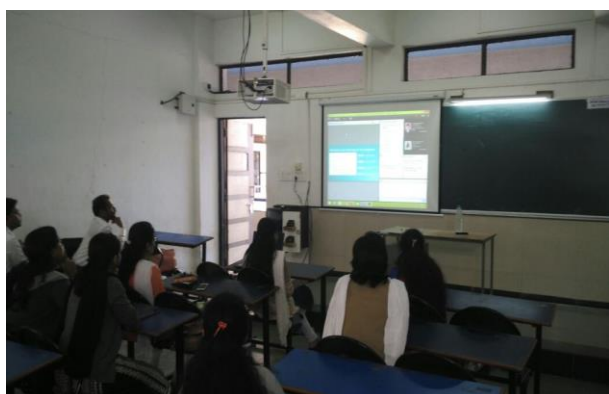
congratulated Ms. Leena for her outstanding achievement.

3. Seminars

Department of Information Technology

▪ Webinar on Innovative Security for Evolving Workforce (08/11/2017)

Dell EMC's IT Transformation webinar series aims to showcase the latest IT innovation on storage and data protection. Recently the institute has become a member institute of ICT academy and signed MoU with ICT academy. On 8th November Dell EMC's telecasted the webinar on "Innovative Security for Evolving Workforce" between 3:00 to 4:00 pm. The staff members of Department of IT took the benefit of this webinar.



Dr. V. R. Sonawane (HoD, IT) and Faculty members of IT department during the session

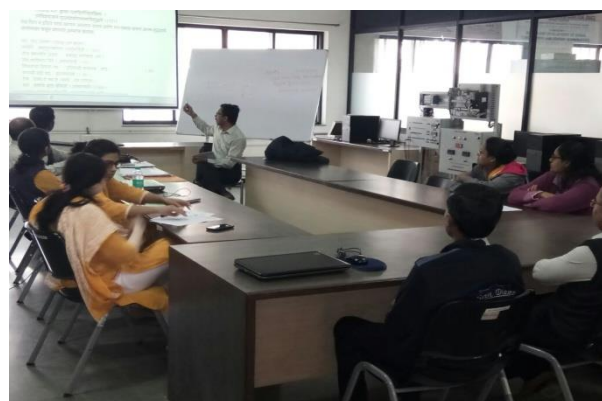
4. Expert Talks/Lectures

Department of Instrumentation and Control Engineering

▪ Meditation and its benefits by Dr. A. R. Kulkarni (19/11/2017)

It's been said that, human beings have started living a life of machine. They have time for everything but not for the inner health. Keeping this as need an expert talk on Meditation and its benefits was organized by Department of Instrumentation and Control

Engineering. Dr. A. R. Kulkarni has taken an initiative to help the beginners to learn and practice meditation every day. He explained a number of meditation benefits which are proven from ancient ages. How to train your brain and sit for meditation was explained using *Saint Tukaram sholka*. Everyone enjoyed the session.



Dr. A. R. Kulkarni and the staff of the department during the session

▪ Expert talk on "Moral Value" and work ethics by Dr. A. R. Kulkarni (13/11/2017)



Dr. A. R. Kulkarni and the staff of the department during the session

Work ethics is generally an ancient practice followed since the medieval age. Today, people have forgotten the importance of work ethics and the moral values to be inculcated in human being. Everyone is continuously running around things every now and then. Due to this

the peace of mind and work satisfaction gets lost resulting in declined performance an employee. Keeping this in mind, Dr. A. R. Kulkarni conducted an expert lecture on topic “Moral values and work ethics”. He focused on healthy competition among employees and explained various *shlokas* from *Dnyaneshwari*.

Department of Engineering Sciences

▪ “Math Phobia & Power Math” by Mr. Annes Kutty (11/11/2017)

Mr. Annes Kutty is expert in mathematics, a good communicator, teacher & founder of Evergreen Foundation, Pune. Under his guidance hundreds of students have passed UPSC and NDA examinations. Annes Classes has been a leading name in the field of education for the past 26 years. Mr. Annes Kutty began his talk with his own experiences of life, the inspiration that he got from various teachings. In his lecture, he created interest about mathematics & its application in field of engineering education. He introduced various simple techniques in mathematics. He also explained few techniques for improving overall human livelihood. Students and faculty members of Engineering Science took the benefit of the session.



Mr. Annes Kutty addressing the students

5. Technical Activities

Department of Information Technology

▪ ICT Academy (03/11/2017)

Information and Communication Technology Academy (ICT) is an organization established to enhance the quality of graduates in the information technology sector and to generate resources for increasing the employability of students. Hence the institute became a member institute of ICT academy. ICT academy is a joint venture of Indian government, state government and industry. Institute has signed MoU with Dell EMC, TCS, Paloalto, Autodesk, Oracle and National Instrument for training on recent technologies in IT. These training will be conducted for faculty members and students of the institute. Mr. N. S. Ujgare will be coordinating these training sessions.



Dr. K. S. Holkar (Principal), Dr. V. R. Sonawane (HoD), ICT Official and Mr. N. S. Ujgare

Department of Electronics and Telecommunication Engineering

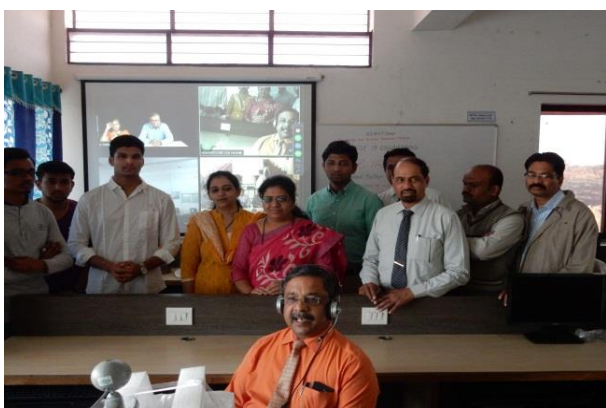
▪ Inauguration of Embedded Systems and Robotics Lab Support by e-Yantra, IIT Bombay (30/11/2017)

Embedded System & Robotics Lab has been Inaugurated by Dr. K. S. Holkar (Principal) and remotely by Dr. Kavi Arya and (Dr. Krishna Lala IIT, Bombay) through “Go

To Meeting” software at Department of Electronics & Telecommunication Engineering. Ms. Shital Dhumane (Coordinator), Ms. Priti Shinde, Mr. Rakesh Jagtap, Mr. Satish Nikam completed task based training. The main objective is to provide training to students through hands on projects to produce successful innovators & entrepreneurs. Through this Lab, the students of the institute will not only be able to improve the quality of their projects, but also get an opportunity to receive the embedded courses from IIT Bombay.



Inauguration of e-Yantra lab by Dr. K. S. Holkar (Principal)



Dr. K. S. Holkar (Principal) interacting with Dr. Kavi Arya & Dr. Krishna Lal.

Dr. K. S. Holkar (Principal), Dr. V. M. Birari (HoD, E & TC), Ms. Shital Dhumane,

(Coordinator), Dr. D. T. Khairnar (HoD, MBA), Dr. S. P. Mogal (HoD, Mechanical Engineering), Ms. Priti Shinde, Mr. Rakesh Jagtap, Mr. Satish Nikam, Mr. V. B. Thakare and all the staff members of Department of Electronics and Telecommunication were present on this occasion.



Address to audience by Dr. Kavi Arya & Dr. Krishna Lala, IIT Bombay

6. Student & Staff Achievements

Department of Mechanical Engineering

- Felicitation of Mr. Swapnil Rajguru (Student Inventor) 24/11/2017**



Mr. Sudhir Mutalik felicitating Mr. Swapnil

During CII’s conference on “Manufacturing Innovation Conclave”, a First Year Mechanical Engineering student Mr. Swapnil Rajguru was felicitated by Mr. Sudhir Mutalik for his

invention. Mr. Swapnil has invented a “Solar Powered Water Transport Vehicle” which is very useful to resolve a water transport problem in rural areas. He has also filed a patent for this invention.

Department of Electronics and Telecommunication Engineering

▪ Paper Presentation at International conference by Mr. H. V. Patil (11/10/2017)

The primary goal of the IAOES (International Association of Engineers) conference is to promote research and developmental activities in Image Processing, Communication, Engineering and Technology.

Mr. H. V. Patil (Associated Professor, E & TC Department) presented research titled “T-SNE based Multi-mode Medical Image Fusion Algorithm” at 5th International Conference on Image Processing, Communication, Engineering and Technology (IPCET-17) at Bali (Indonesia) On 11th October 2017.



Mr. H. V. Patil during the International Conference

Dr. K. S. Holkar
Principal