



Nashik District Maratha Vidya Prasarak Samaj's

Karmaveer Adv. Baburao Ganpatrao Thakare

COLLEGE OF ENGINEERING

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KBTCOE 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. NAAC Peer Team Visit (13th To 15th July 2017):

The institute has always been a leader in the field of professional education such as Engineering and Management. However to have the certification for same, the institute applied for NAAC certification under the leadership of Dr. K. S. Holkar (Principal) and Dr. N. S. Patil (Education Officer, MVP Samaj). The final stage of this certification process was 3-Day NAAC Peer Team visit to the institute which was scheduled on 13th, 14th & 15th July 2017.

The team consisted of **Hon. Dr. Tankeshwar Kumar (Chairperson), Hon. Dr. N. Panchanatham (Member Coordinator) and Hon. Dr. K. N. Subramanya (Member)**. The visit started with welcoming the NAAC Peer team by Smt. Nilimatai Pawar (Hon. Sarchitnis, MVP Samaj) followed the presentation by Dr. K. S. Holkar (Principal). The Students, Parents and Alumni meet was also arranged along with department visit. The day ended with the cultural events organized specially for NAAC Peer Team.

The second day started with the inspection of common facilities such as Library, Gym, Hostel and Canteen. The team also visited the Robotics Lab in Horizon Academy which was developed by the Instrumentation and Control Engineering Department of the Institute. The day was called off with the Teaching and Non-teaching staff meeting.

On the third day the NAAC Peer Team shared their experience with the institute, appreciated the efforts of institute for the overall student and faculty development in the exit meeting. Dr. K. S. Holkar (Principal)

congratulated and appreciated the efforts taken by staff for successful NAAC accreditation.



The NAAC Peer team along with Smt. Nilimatai Pawar (Hon. Sarchitnis, MVP Samaj) and Dr. K. S. Holkar (Principal)



NAAC Peer team, Prof. H. V. Patil (HoD, IT Dept.) during departmental presentation



NAAC Peer team, Dr. V. M. Birari (HoD, E&TC Dept.) during departmental presentation



NAAC Peer team, Dr. B. B. Musmade (HoD, Instrumentation & Control Engineering Dept.) during departmental presentation



NAAC Peer team, Dr. V. S. Pawar (HoD, Computer Engineering Dept.) during departmental presentation



The NAAC Peer team visit to Horizon Academy Robotics Lab along with Dr. N. S. Patil (Education Officer, MVP Samaj)



NAAC Peer team, Dr. S. P. Mogal (HoD, Mechanical Engineering Dept.) during departmental presentation



NAAC Peer team, Dr. M. P. Kadam (HoD, Civil Engineering Dept.) during departmental presentation



NAAC Peer team, Prof. N. B. Desale (HoD, Engineering Science Dept.) during departmental visit



NAAC Peer team, Dr. D. T. Khairnar (HoD, MBA Dept.) and student representative during departmental presentation



NAAC Peer team, Dr. K. S. Holkar (Principal) during Cultural Program



NAAC Peer team, Prof. N. R. Kakad (HoD, MCA Dept.) during departmental presentation



Glimpses of Teaching, Non-Teaching Staff Meeting and Exit Meeting



Glimpses of Student, Parent and Alumni Meet

2. Training and Placement

Department of Instrumentation and Control Engineering

- Campus drive by Virtuoso Projects and Engineers Pvt. Ltd., Pune (08/07/2017)

Campus drive was organized for the students of Instrumentation and Control Engineering on July 08, 2017. Campus interview was conducted by Virtuoso Projects and Engineers Pvt. Ltd., Pune. Dr. K. S. Holkar (Principal) welcomed the guests. Three Executives of Virtuoso Projects and Engineers Pvt. Ltd., Pune, Mr. Sameer Gunjal, Mr. Suraj

Bhagat and Mr. Deepak Baviskar, conducted the drive. Seventeen students of B. E. (Instru. & Control Engg.) appeared for the interviews. First round was Aptitude and Technical test. Later the shortlisted students then appeared for personal interviews.

Finally, three students Mr. Aakash Bhangale, Mr. Sunil Khating and Mr. Kundan Somwanshi were selected as graduate trainee engineers. Mr. Sameer and Mr. Deepak gave valuable suggestions for the improvement of the students.



Dr. K. S. Holkar (Principal) along with the staff of department felicitating the guests

3. Workshops & Seminars

Department of Information Technology

One Day Seminar on IoT (25/07/2017)

BE project area selection and development is very important phase in engineering degree. For this Department of Information Technology, NDMVPS's KBT COE organized a seminar for BE students. This seminar was very helpful for the BE-IT students for their project development. Mr. Anand Shirsath (Founder & CEO at Arete Technology & Aas Innovation) gave a brief introduction of Mobile Computing and IoT. He excellently focused and explained the use of IoT for human's needs and for industry. He gave valuable suggestions on how to select project topics.



Resource person Mr. Anand Shirsath guiding the students and taking ideas for projects from students

One Day Android Workshop (24/07/2017)

Android is an operating system for mobile devices such as smart phones and tablet computers. Android application development is a great resource for developers. To fulfill the purpose, Department of Information Technology organized a workshop on Android for BE students. This workshop was very helpful for their project development. Resource person Mr. Mahavir Sancheti gave a brief introduction about the basics of android operating system.



Resource person Mr. Mahavir Sancheti guiding the students in the development of android application

He explained the use of Android OS for different application development. He also showed the live projects and demonstrated real-

time android application development. At the end of session, students developed and installed small android applications in their own hand held devices.

Department of Electronics and Telecommunication

Two Week ISTE Workshop on Electric Power System (10th To 15th July 2017)

With the objectives to identify the elements of a Power System, realize the need for Renewable Energy Sources for Electric Power Supply, become aware of usefulness of ICT in reliable operation of Electric Power System and be able to carry out all essential analysis necessary to have reliable operation of Electric Power System, the Department of E &TC has organized a Two week workshop to benefit regular & visiting faculty who are teaching subjects like Electric Machines, Power Electronics, Power Systems, Energy Science and High Voltage Engineering.



Participants during the workshop

For this IIT Kharagpur sponsored workshop the expert faculties, Prof. N. K. Kishore (Department of Electrical Engineering, IIT Kharagpur), Prof. Shreevardhan A. Soman (Department of Electrical Engineering, IIT Kharagpur), and Prof. Gautam Bandyopadhyay

(Department of Electrical Engineering, IEST Kolkata) were invited.



Dr. K. S. Holkar (Principal), Dr. V. M. Birari (HoD), Expert Faculty and the staff of E &TC Department during the valedictory function of the workshop

Department of Computer Engineering

Seminar under Center of Excellence in collaboration with Winjit Technologies Nashik (22/07/2017)

To expose students as well as staff to latest software and development tools as per the need of the day and to update ourselves regularly to keep up with the growing demands and changing trends of the software industry and the research laboratories, two sessions were organized by Department of Computer Engineering under the Center of Excellence established in collaboration with Winjit Technologies Nasik. Distinguished expert from Winjit Technologies, Mr. Vinay, conducted a session on "Mobility Management" on Saturday 22nd July 2017. He introduced the audience about importance of the mobility management function to track the subscriber and how this feature helps to divert calls, SMS, etc. services to the subscriber. Students from TE and BE Computer and staff of Computer Department attended the session.



Mr. Vinay guiding the participants

4. Industrial Visits

Department of Civil Engineering

- **Central Railway Workshop, Manmad (28/07/2017)**

On 28th July 2017, TE Civil engineering staff and students visited the Central Engineering Railway Workshop, Manmad. In Central Railway Workshop, work is carried out for the design of trusses, girders, rolled steel sections, rails, cutting, drilling, welding, bolting, painting and finishing etc. From this visit students understood the manufacturing process for various sections that are used as structural members such as beams, columns, trusses built up sections, long span girders, rails and their connections etc.



Faculty and Students of Civil Engineering Dept. during the visit

The methodology of fabrications, advance methods for fabrications and erections of various components for the structural members are also apprehended by the students practically.

Department of MCA

- **Emerging Technologies Pvt. Ltd. (03/07/2017)**

The Department of MCA organized an Industrial Visit for TY MCA Students at Emerging Technologies Pvt. Ltd., Nashik on 3/07/2017. It is an IT firm, primarily developing IOT-based products. The CEO of the firm, Mr. Prakash Ekhande, discussed the operations of company and various projects of the firm in detail.



Faculty and Students of MCA during the visit

5. Expert Talks/Lectures

Department of Electronics and Telecommunication

- **Embedded System & IOT (22/07/2017)**

With the objectives to understand the technologies underlining ES research and IoT deployments in the boundaries of both fields, to understand some key applications that use these technologies and to study the Future internet community, the Department of E & TC has arranged an expert talk on 22/07/2017.



The staff and students of E & TC Department during the expert talk

Mr. Ankit Agarawal and Mr. Shekar Borse (Innova Techno solution, Rasp-Berry Pi Invent) were invited for the talk. The staff and students of E & TC department were benefitted by lecture.

▪ **Open Source Awareness (21/07/2017)**

With an intention to make the students of E & TC aware about the Open Source Software, the Department of E & TC arranged an expert talk on “Open Source Awareness” on 21/07/2017. Mr. Priyesh Sonawane (IIT Bombay), Mr. Bhushan Mokashe (Marketing Manager, MIP Solutions) were invited for the expert talk. The staff and students of E & TC department were benefitted by lecture.



Mr. Bhushan Mokashe during the session

▪ **Embedded System & Raspberry Pie (03/07/2017)**

With an intention to provide information to BE (E&TC) student about emerging technologies such as Raspberry Pie, the Department of E & TC organized an expert talk on 03/07/2017. Mr. Shekhar Borse from Raspberry Pie technologies were invited for the talk. He informed that, the Raspberry Pi hardware has evolved through several versions that feature variations in memory capacity and peripheral-device support. He guided the students regarding emerging trends in embedded system and the applications of the tools such as Raspberry Pie regarding the same.



Mr. Shekhar Borse guiding the students during the session

Department of Civil Engineering

▪ **Demonstration of site design software (21/07/2017)**

The Department of Civil Engineering organized a Guest Lecture on “**Demonstration of site design software**” on 21st July, 2017 for SE-Civil students. The guest speaker was Mr. Ashish Ranjan Dubey (Academic Relation Manager, Bentley Systems India Pvt. Ltd.) The event started with a welcome address. In his talk, he emphasized the importance of different software and their engineering applications

with specific examples in the fields of Civil Engineering. He demonstrated Site Design Software to the student of SE-Civil. The students admired the Site Design Software.



Mr. Ashish Dubey delivering the lecture

6. Technical Activities

Department of Computer Engineering

▪ Inauguration of Center of Excellence (04/07/2017)

The Department of Computer Engineering took a step to establish “Center of Excellence” in Technical Collaboration with ESDS Software Solution Pvt. Ltd. Inauguration Ceremony of Center of Excellence was held on 4th July 2017. Eminent personalities from ESDS Solution Pvt. Ltd. were invited for the inaugural function.



Dr. Rajiv Papneja, Dr. K. S. Holkar (Principal), Dr. V. S. Pawar (HoD) during the inauguration function

Dr. Rajeev Papneja, (Executive Vice President and COO, ESDS Nashik) and Mr. Vishal Joshi, (General Manager, Media & events, ESDS Nashik) flourished the occasion.

Department of Mechanical Engineering

▪ Induction program on Automation and Mechatronics (24/07/2017)

Mechanical Engineering conducted an Induction Program on “Automation and Mechatronics” on 24/07/2017. Mr. Ravi Mahadeokar (Director of Stramma Summit Machinery Pvt. Ltd, Nashik) was invited for the same.



Dr. S. P. Mogal (HoD) felicitating Mr. Ravi Maghadeokar

As part of Industry Institute Interaction, Department of Mechanical Engineering signed an MoU with Stramma Summit Machinery Pvt. Ltd Ambad, Nashik and inaugurated finishing school in Automation and Mechatronics.

Department of Instrumentation and Control Engineering

▪ MVP – FOX ATC Batch 1: Certificate Distribution Program (10/07/2017)

Certificate Distribution Program for the first batch of MVP-FOX Automation Training

centre was organized on July 10, 2017. Chief Guests and faculty of course from FOX Solutions, Mr. Pralhad Dhumal, Mr. Prakash Shelar, Dr. N. S. Patil (Education Officer, MVP Samaj), Dr. K. S. Holkar (Principal), Dr. B. B. Musmade (HoD), all faculty members and students were present for the program. Mr. Pralhad Dhumal appreciated the efforts taken by management of MVP for establishing an excellent training center with latest state of art facilities used in automation field. He congratulated the students for successful completion of Automation Training Course. Dr. N. S. Patil (Education Officer, MVP Samaj) and Dr. K. S. Holkar (Principal) guided the students.

Dept.	Name of the Student	Score (%)
Mech.	Mr. Vaibhav Mahajan	82.80
E & TC	Ms. Chanchal Satish Jawale	82.06
Comp.	Ms. Radhika Bajaj	79.46
Civil	Ms. Sayali Rajendra Deore	78.20
IT	Ms. Rabaab Shabbir Ratlamwala	75.00



Dr. N. S. Patil (Education Officer, MVP Samaj), Dr. K. S. Holkar (Principal), Dr. B. B. Musmade (HoD) during certificate distribution



Dr. K. S. Holkar (Principal), Respective Head and Topper of the departments



Glimpses of the felicitation program

7. Student Achievements

▪ Felicitations of the Toppers (22nd & 29th July 2017)

To acknowledge the efforts taken by the students and to motivate them, a department wise program of felicitation of final year toppers was carried out by the hands of Dr. K. S. Holkar (Principal) and respective department heads. The names of felicitated students are as follows:

8. Social Activities

Nature Club

▪ Campus Cleaning Activity (06/07/2017)

Campus cleaning program was conducted by KBT COE NATURE CLUB student & staff members on 06th of July 2017. Students from the Department of Civil, Mechanical, Computer, Instrumentation & control, Information Technology, E & TC Engineering

& MBA, MCA were involved in this activity. The staff representatives of KBTCOE NATURE CLUB accompanied the students and contributed in waste collection and cleaning the campus.



Students of KBTCOE Nature club cleaning the Campus



63 students & 8 staff members contributed to cleaning campaign of KBTCOE NATURE CLUB

कर्मवीर बाबुराव ठाकरे अभियांत्रिकी
महाविद्यालयातर्फे पवित्र श्रावण महिन्याच्या
हार्दिक शुभेच्छा !

शुभेच्छुक

प्राचार्य , सर्व कर्मचारी व विद्यार्थी वर्ग

Dr. K. S. Holkar
Principal