



Nashik District Maratha Vidya Prasarak Samaj's

Karmaveer Adv. Baburao Ganpatrao Thakare

COLLEGE OF ENGINEERING

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Vol.:2
Issue: 10



TECHNICAL NEWSLETTER: OCTOBER 2018

KBT COE NEWS LETTER

The NDMVPS's K.B.T. College of Engineering, Nashik has been serving the society since 1999. At present the college provides four year course 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 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 Newsletter 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 Information Technology

▪ Student Placement (October 2018)

Ms. Anam Shaikh, Ms. Yashika Verma, Mr. Abhishek Kothawale from BE-IT got selected in Web wing Technology Private Limited. Mr. Mukund Bankar, Mr. Mahesh Ahire, Mr. Vishal Pise and Ms. Priti Patel from BE-IT got placed in TCS, Pune.

Department of Computer Engineering

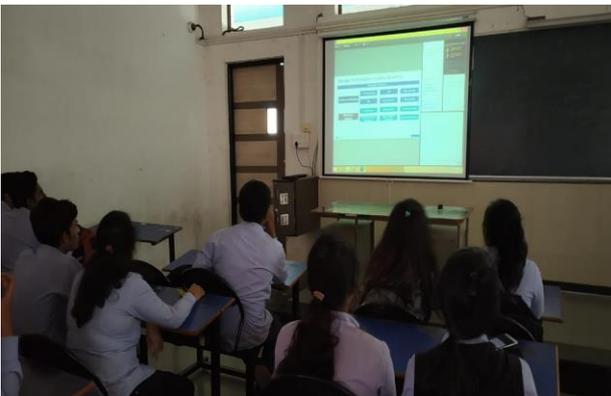
▪ Student Placement (October 2018)

Ms. Shivani Shah, Ms. Neha Chavan, Ms. Piyusha Kapadnis, Ms. Manisha Raut, Mr. Husain Dehnuwala and Ms. Apurva Kolhe of BE-Computer are placed in TCS. Mr. Ankit Patel and Mr. Harshal Warude of final year are placed in WebWing, Nashik. Mr. Yash Yadav has been placed in WeShine, Pune. And six students have been shortlisted for final interview round in Winjit Technologies, Nashik.

2. Workshops/Seminars/STTPs/FDPs

Department of Information Technology

▪ Webinar by AWS and Dell EMC (11/10/2018)



Students of BE-IT during the webinar

To make students aware about digital technologies, Department of Information

Technology conducted two webinars on “Hybrid Cloud Architectures with VMware Cloud on AWS” by AWS on 9th Oct 2018 and “Fuel IT Transformation in a Flash” by Dell EMC on 11th October 2018. Final year students of the department took benefits of these webinars.

▪ “Higher Studies Abroad” by Akshay Study Abroad (10/10/2018)

Department of Information technology in association with Akshay Study Abroad organized a seminar on “Higher Studies Abroad” on 10th October 2018. Mr. Amit Gore (Founder – Director, Akshay Study Abroad) along with their faculty member Mr. Hiren Panjwani were invited as resource person. They briefed students on various courses and opportunities available for studying abroad. Final year students of the department took the benefit of the session.



Mr. Hiren Panjwani and Mr. Amit Gore interacting with students

▪ Workshop on “Android” (06/10/2018)

Department of Information Technology organized 03-days hands on workshop on Android for IT students during 4th to 6th October 2018. 40 students and 8 faculty members of IT department registered for this workshop. The workshop was very helpful for

their project development. Mr. Prakash Ekhande and team invited as trainer for this workshop. Mr. Prakash Ekhande gave a brief introduction about the basics of android operating system. He explained the use of Android OS for different application development. He also showed the live projects and demonstrated real time android application development. During session, students developed and installed android applications in their hand held devices. At the end of session, the participant students and staffs were given certificates.



Mr. Prakash Ekhande and his team members guiding the students

Department of Electronics & Telecommunication Engineering

Work Shop on “Arduino and Sensor Interfacing” (09/10/2018)

The MVP-INNOVA Training Center of Electronics and Telecommunication Engineering department organized a two day workshop on “Arduino and Sensor Interfacing” during 8th to 9th October 2018. Mr. B. J. Pawar and Ms. S. A. Dhumane also served as resource persons for this workshop. Second year students of the department took the benefit of the session.



Expert and students during the workshop

Department of Mechanical Engineering

NPTEL FDP Certification course (07/10/2018)

Mr. S. J. Suryawanshi, Mr. R. B. Jagtap and Mr. N. S. Gaikwad (Department of Mechanical Engineering) have completed the AICTE approved one week FDP courses on “Fluid dynamics and Turbomachines” and “Manufacturing of Composites”. This FDP was conducted by IIT Madras and IIT Kanpur respectively. Mr. S. J. Suryawanshi scored 79%, Mr. R. B. Jagtap scored 76% and Mr. N. S. Gaikwad scored 75% in this FDP.

3. Industrial Visits

Department of Information Technology

Design and Innovation Centre, Nashik (12/10/2018)

Department of Information Technology organized an industrial visit for SE-IT students at Design and Innovation Centre (DIC), Nashik on 12th October 2018. DIC is a link between SPPU Faculty, Spoke centers and Industry Partners. Mrs. Patil provided the detailed information and explained the working of DIC.



Staff & Students of the department during the visit to DIC, Nashik

▪ **Cognifront Academy, Nashik (04/10/2018)**

Department of Electronics and Telecommunication Engineering organized an industrial visit to Cognifront Academy on 4th October 2018. Dr. R. S. Tiwari guided the students on Artificial Intelligence, its applications and machine learning. Final year students, having “Artificial Intelligence” as an elective subject, took the benefit of the visit.



Staff & Students of the department during the visit to Cognifront Academy

Department of Electronics & Telecommunication Engineering

▪ **Jain Irrigation, Jalgaon (03/10/2018)**

Department of Electronics and Telecommunication Engineering organized an

industrial visit to Jain Irrigation, Jalgaon on 3rd October 2018. Students observed various electronics technologies used in agriculture during the visit. The final year students having an elective subject as, “Electronics in Agriculture” took the benefit of the visit.



Staff & Students of the department during the visit to Jain Irrigation Ltd.

Department of Instrumentation and Control Engineering

▪ **Industrial Visits (October-2018)**



Staff & Students of the department during the visit to Armstrong

Department of Instrumentation and Control Engineering organized an industrial visit at Armstrong Machine Builders Pvt. Ltd., Satana on 1st October 2018 for third year students. Students observed Conveyor system design, various control system components, Control

panel manufacturing and Laser cutting machine during the visit.



Students of the department during the visit to Fox Solutions Pvt. Ltd.

The department also organized a visit to Fox Solutions Pvt. Ltd. Nashik on 7th & 8th October 2018 for ATC Training students. Students observed DC Drive and panel components during the visit. With an objective to enhance Industry-Institute Interaction, the department also organized a visit to CEAT Ltd., Nashik



Staff & Students of the department during the visit to CEAT Ltd.

Students also visited the following organizations:

Sr. No.	Organization Name (Date)	Class	Observations
1	RAP Analytical & Research Training Center, Nasik (03/10/2018)	TE	Did actual measurement of Benzene & Tolerance using Gas Chromatograph, HPLC. Paracetamol Content measurement using UV/Visible Spectrophotometry
2	MVP's KDSP, College of Agriculture, Nasik (06/10/2018)	TE	Students learnt the method of soil preparation, did Measurement of macro & micro nutrients of soil using UV/Visible Spectrophotometer, Flame photometry.



Staff & Students of the department during the visit to RAP Analytical & Research Training Center



Staff & Students of the department during the visit to MVP's KDSP College of Agriculture

Department of Civil Engineering

- **EKA project by Amit Enterprises (29/09/2018)**



Staff & Students of the department during the visit to EKA Project

An industrial visit was arranged for ME first year students on 29th September 2018 to EKA Project, Pathardi, Nashik by Amit Enterprises Housing Ltd. The purpose of visit was to study and understand planning and management of resources on site, safety norms as per OSHA, use of new technology i.e. ALLU-FORM formwork for speedy construction and actual implementation of safety measures on site by using Personal Protective Equipment (PPE), preparing safety checklist, policies, incentives, housekeeping, etc. Er. Suryawansi and Er. Kombe of Amit

Enterprises Housing Ltd. guided the students during the visit.

- **RMC Plant (23/10/2018)**

An industrial visit was arranged for ME first year students on 23rd October 2018, to Ready Mix Concrete (RMC) Plant of Prism Johnson Limited, RMC Plant (India) Division, Ambad, Nashik. The purpose of visit was to study the layout of RMC plant, process and actual working of RMC plant, quality control techniques, details of tests carried on concrete and its raw materials and safety measures followed on plant. Er. Pooja Joshi and Er. Samir Patkar of Prism Johnson Limited, RMC Plant (India) Division guided the students during the visit. Er. Pooja Joshi (Executive CSG) conducted the study tour to plant and explained the various components of RMC plant. Er. Samir Patkar (Dy. Manager – QC) explained the types of advanced concrete based on application, quality assurance policy and test to be carried out on ingredients of concrete and concrete.



Staff & Students of the department during the visit to RMC Plant

Department of Computer Engineering

- **ESDS Pvt. Ltd., Nashik (05/10/2018)**

Department of Computer Engineering organized an Industrial visit for the third year students at ESDS, Mumbai. ESDS is one of the

leading Managed Data Center Service and Auto-Scalable Cloud Solution providers. The third year students were explained the details of data center services and data management on cloud.



Staff & Students of the department during the visit to ESDS Pvt. Ltd., Nashik

Department of Mechanical Engineering

- **Mahindra & Mahindra Ltd, Satpur, Nashik (10/10/2018)**



Staff & Students of the department during the visit to Mahindra & Mahindra

Final year students of the Mechanical Engineering department visited Mahindra & Mahindra Ltd, Satpur, Nashik on 10th October 2018 for the practical subject knowledge of Automobile Engineering. During the visit, Students observed the assembly line (TCF Shop) for latest models of Mahindra vehicles, the press working shop, wheel and axle

assembly line. Students also learnt the value of time management while assembling a part on assembly line.

- **Stramma Summit, Nashik (08/10/2018)**

Third year students of the Mechanical Engineering department visited Stramma Summit, Nashik on 8th October 2018 for the practical subject knowledge of Metrology and Quality Control. During the visit, students observed various digital measuring Instruments and instrument required for calibration. Students also learnt the Manufacturing of Special Purpose Machine.



Staff & Students of the department during the visit to Stramma Summit Nashik

Department of MBA

- **Indigenous Seed-bank, Kumbhalne, Ahmednagar (17/10/2018)**

With intent to provide practical insights in to agribusiness management, Department of MBA organized a visit at Indigenous Seed-bank, Kumbhalne, Ahmednagar on 17th October. Mr. Yogesh Nawale (BAIF) guided the students regarding operation of seed-bank. Mrs. Rahibai guided the students regarding storage and recordkeeping operations during the visit.



Mr. Yogesh Nawale and Mrs. Rahibai interacting with staff members and students

4. Expert Talks/Lectures

Department of Information Technology

- **“Software Testing” by Mr. Chaitanya Tiple (13/10/2018)**

To make the students aware about latest trends and industry culture in software testing, Department of Information Technology organized an expert talk of Mr. Chaitanya Tiple (Sr. Quality Analyst, Team Lead - QA Department, Netwin Info solutions Pvt. Ltd., Nashik) on 13th October 2018. Mr. Tiple shared his knowledge about software testing culture and its importance in the industry. He also gave a glimpse of testing tools used for software projects



Mr. Chaitanya Tiple guiding the students during the session

- **“Formatted and Unformatted I/O operations” by Mr. Bhushan Gholap (01/10/2018)**

Department of Information Technology organized an expert talk on “Formatted and Unformatted I/O operations” on 1st October 2018 for second year students. Mr. Bhushan Gholap (Assistant Professor, Dept. of Computer Engg.) was invited as a resource person for this session. He briefly explained Formatted and Unformatted I/O operations. He also explained various functionalities under Formatted I/O.



Mr. Bhushan Gholap guiding the students during the session

Department of Electronics & Telecommunication Engineering

- **“Drone Operation” by Mr. Aniket Tambavekar & Ms. Gauri Khairnar (03/10/2018)**

Department of Electronics and Telecommunication Engineering organized an orientation program on Drone operation on 3rd October 2018. Mr. Aniket Tambavekar and Ms. Gauri Khairnar (Drone Trainer, Value Thought IT Solutions Pvt. Ltd.) were invited as resource person. They illustrated the making and operation of drone using simulation technique.



Final year students of the department took the benefit of this session.



Mr. Aniket Tambavekar guiding the students during the session

Department of Civil Engineering

- **“HEC RAS Software” by Mrs. Harshita Ambre (07/10/2018)**

Department of Civil Engineering organized a guest lecture on HEC RAS Software for the students of TE-Civil Student on 7th October 2018. Mrs. Harshita Ambre was invited as resource person for this session. In her lecture, she gave information, application and importance of HEC RAS in hydrologic routing, channel routing which is used in bridges, culvert, dam’s spillway etc. and also run one tutorial on the basis of software.



Mrs. Harshita Ambre guiding the students during the session

Department of Mechanical Engineering

- **“SEM Technology used in Industries” by Mr. Jaywant Nagrale (11/10/2018)**

An expert talk on “SEM Technology used in industries” was organized by Department of Mechanical Engineering on 11th October 2018. Mr. Jaywant Nagrale (Assistant Manager, Bosch Ltd., Nashik) invited as a resource person. Mr. Nagrale explained Scanning Electron Microscopy technique used by many industries for fracture analysis. He also focused on the practical knowledge of techniques used by industries.



Mr. Jaywant Nagrale guiding the students during the session

- **“Advanced Technology in Safety Systems and Future Trends in Automobile Engineering” by Mr. Abhinav Shinde (06/10/2018)**

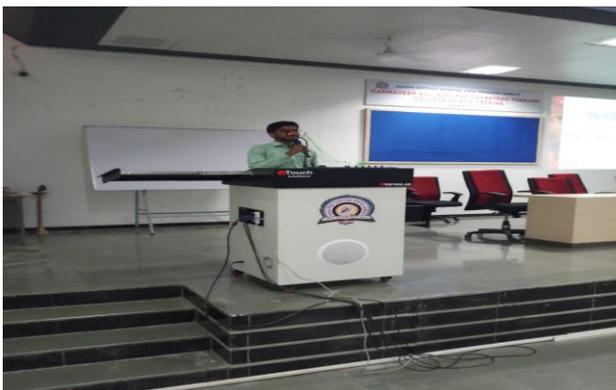


Mr. Abhinav Shinde guiding the students during the session

An expert talk on “Advanced Technology in Safety Systems and Future Trends in Automobile Engineering” was organized by Department of Mechanical Engineering on 6th October 2018. Mr. Abhinav Shinde, (Deputy Manager, Mahindra & Mahindra Ltd., Igatpuri) was invited as resource person. Mr. Abhinav explained the advancement in safety systems of Automobile Engineering. He also focused on the future trends in Automobile Engineering such as Electric, Hybrid Electric and Solar Vehicle.

▪ **“Problem Solving technique awareness by using various methodologies and problem solving tools” by Mr. Chetan Kale (06/10/2018)**

An expert talk on “Problem Solving technique awareness by using various methodologies and problem solving tools” was organized by Department of Mechanical Engineering on 6th October 2018. Mr. Chetan Kale (Assistant Manager, Ring Plus Aqua Ltd., Sinnar) was invited as a resource person. Mr. Chetan explained problem solving techniques implemented by many industries for technical problem solving. He also focused on the different methodologies and problem solving tools.



Mr. Chetan Kale guiding the students during the session

Department of Computer Engineering

▪ **“WordPress” by Mr. S. M. Yawalkar (03/10/2018)**

Department of Computer engineering organized a session on “Wordpress” for the second year students on 3rd October 2018. The session was conducted by Mr. Shailesh M. Yawalkar. He explained the process of website creation and blog creation using WordPress. It was a hands-on session where students created their own website and blog.



Mr. S. M. Yawalkar guiding the students during the session

5. Technical Activities

Department of Information Technology

▪ **MoU with “Dynamo & Co. Pvt. Ltd.” (17/10/2018)**

Department of Information Technology signed a MoU with “Dynamo & Co. Pvt. Ltd.” Dynamo & Co. provides the training for CCNA, CCNP, CCNA SEC, F5, PALO ALTO, CTIRIX, CEH, JNCIA through expert trainers, who are currently working in Multinational Companies and having real time hands on experience on live network. This will help student to understand the real time network environment and its challenges.

▪ **MoU with “Arete Technology”
 (16/10/2018)**

Department of Information Technology signed MoU with “Arete Technology”. Arete Technology was established in 2013 by young and passionate professionals in Nashik, Maharashtra. Arete Technology provides simple, logical and innovative solutions to common business and technical problems, executing cost effective solutions.



Dignitaries during the signing of MoU

**Department of Electronics &
 Telecommunication Engineering**

▪ **Hands on session of Solar Equipments
 (12/10/2018)**



Staff & Students of the department during the demonstration

MVP – YASHIKA Renewable Energy Training Center of Electronics & Telecommunication department organized

hands on session on 12th October 2018. Mr. Dnyandevnath Bagal and Mr. Rokade (Yashika Energy) demonstrated functioning and utilization of Solar Cooker, Portable Solar based LED Lamp Charger and solar panel. Students and staff members of Energy Club took the benefit of the session.

▪ **Inauguration of ISTE Student Chapter
 (05/10/2018)**

Department of Electronics and Telecommunication Engineering inaugurated ISTE Student Chapter on 5th October 2018 at the hands of Mr. Chetan Kare (Civil Engineer, Builder and LMC Member). Mr. Amol Kulkarni (Psychologist) was also invited as resource person. He delivered an expert talk on the topic “Bollywood & Stress Management” on this occasion.



Mr. Amol Kulkarni guiding the students during the session

Department of Instrumentation & Control Engineering

▪ **Innovative Teaching-Learning Practice:
 Per-Semester Project (25/10/2018)**

Final Year Students of Instrumentation and Control Engineering demonstrated their projects working models on 15th, 16th & 25th October 2018.



Staff & Students of the department during the demonstration

Innovative Teaching-Learning Practice: Use of Plicker Card (22/10/2018)

Mr. S. B. Lukare used Plickers to verify the understanding of the concept of sensors and transducers-I (ST-I). Students have answer the multiple choice question using plickers cards assign to them. The S.E. students showed the enthusiasm during the test session and become familiar with modern tool use.

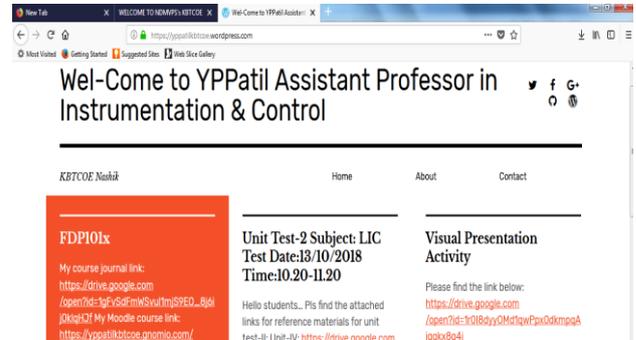


Mr. S. B. Lukare during the demonstration

Innovative Teaching-Learning Practice: Use of Web-portal for unit test (10/10/2018)

Mr. Y. P. Patil conducted Unit Test-2 for subject LIC (SE) using his innovative website <https://yppatilkbtcoe.wordpress.com>. This will help to learn and understand ICT based activities for students using freely available

websites. He also conducted Unit test –II (PDC) for BE students using ICT facilities available in the class room instead of printing question papers as a practice to reduce use of papers.



Web-portal for unit test

Department of MBA

Jugaad-2018 Competition (September-October 2018)

With intent to inculcate entrepreneurial skills and explore the word of self-employment, Department of MBA organized an Entrepreneurial Development competition, “Jugaad-2018” during the month of September-October 2018. In this competition, the students from SY MBA divided in to 10 groups and interviewed various entrepreneurs in Nashik city. They also took part in their business operations, thereby leaning the knack of businesses. The presentations of these activities were carried out in the first week of October-2018.



SY-MBA students interacting with various entrepreneurs

6. Student/Staff Achievements

Department of Instrumentation & Control Engineering

▪ Meditation Camp (03/10/2018)

Ms. Vaishnavi Vinchurkar from Instrumentation and Control Engineering department attended a Meditation camp at Mount Abu during 28th September to 3rd October 2018.



Ms. Vaishnavi Vinchurkar during the camp

7. Social Activities

Department of NSS

▪ Blood Donation Camp (03/10/2018)

NSS unit of the institute organized a blood donation camp on 3rd October 2018. Students and staff members of the institute donated blood on this occasion.



Staff & Students of the institute during the camp

Department of Civil Engineering

▪ Jalsamruddhi Abhiyan (October 2018)

Students of Civil Engineering were guided for save water movement by Volunteers of Jalsamruddhi Abhiyan, Nashik. Volunteers of this organization provided brief information of their mission and appealed students and staff of the department to participate in this program.



Volunteers of Jalsamruddhi Abhiyan guiding the audience

8. Other Activities

▪ Gandhi Jayanti Celebration (01/10/2018)

The institute celebrated the Gandhi Jayanti by carrying out a cleanliness activity in and around college campus. In this activity, staff and students of the institute collected and properly disposed the garbage, making the environment clean.



Students of the institute during the activity

Department of Information Technology

▪ Session on Yoga and Meditation (20/10/2018)

Department of Information Technology organized a “Session on Yoga and Meditation” on 20th October 2018 for SE-IT students. Mr. Swapnil Amrutkar was invited as a resource person for this session. In this session, he explained students the importance of Yoga and Meditation in their personal and professional life.



Students of the department during the session

▪ “Minivedh: Secrets of Successful Entrepreneur” (12/10/2018)



Dr. V. R. Sonawane (HoD) felicitating the guests

Department of Information Technology organized an event “Minivedh: Secrets of Successful Entrepreneur” on 12th October 2018. Dr. V. R. Sonawane (HOD, IT), HoDs, faculty members and students of various departments of the institute were present for the session. In

this event, interview of Mr. Sunil Khandbahale (Founder and CEO of Khandbahale.com) was taken by Dr. Amol Kulkarni (Founder and Director of Health view Manovedh). Mr. Sunil Khandbahale Shared his life journey and inspired the students to be an entrepreneur.

▪ Dr. Vasanttrao Pawar Punyasmaran (07/10/2018)

The institute organized a program on occasion of death anniversary of late Dr. Vasanttrao Pawar on 7th October 2018. Shri. Tryambakdada Gaikwad and Shri. Prakash Mate were invited as chief guests for the program. All the staff members and dignitaries paid tribute to late Dr. Vasanttrao Pawar by sharing his memories. On this occasion, video of the activities carried out under “Sankalp” was shown to the audience. Also the prize and certificates distribution for various sports events conducted in college campus was carried out at the hands of Shri. Tryambakdada Gaikwad and Shri. Prakash Mate.



Shri. Tryambakdada Gaikwad and Shri. Prakash Mate during Saraswati Pujan

Department of Computer Engineering

▪ Making of Eco-friendly Dipawali Artifacts (08/10/2018)

Department of Computer Engineering organized a one day workshop on “Making of

Eco-friendly Dipawali Artifacts” like lanterns, toran and diyas. Students of SE, TE and BE actively participated in the workshop. Students prepared paper lanterns, painted diyas and toran from wool. The workshop generated enthusiasm among the students for creating decorative articles. It also promoted the message of celebrating festival in an environment friendly way.

Department of Engineering Science

▪ Teacher – Parent Meet (20/10/2018)

Department of Engineering science organized a Parent-Teacher Meet on 20th October 2018. The topics such as student attendance, Online Examinations, Result analysis, student performance etc. were discussed during the meet.



Parents expressing their views during the meet

▪ Lantern Making Activity (27/10/2018)

The team of AARAMBH (i.e. Students Association of First Year Engineering) organized the Lantern making activity on the occasion of on 27th October 2018. In this activity approximately 40 students participated and prepared lanterns to be used during the Dipawali festival. The material used for making of lantern was eco-friendly.



Staff & Students of the department during the activity

Women’s Redressal Cell

▪ “Self Protection” Awareness Program (29/09/2018)

Women’s Redressal cell organized a program to show a short film “Narishakti – The Power of Women” for female staff and students of the college. The purpose to show short film was to increase awareness of need of exercise, yoga, self-protection among the ladies. The short film “Narishakti – The Power of Women” is created by Mr. Shamdatt Vibhandik and has won the award “Best film made in Nashik” in Nashik International Film Festival.



Mr. Shamdatt Vibhandik interacting with audience during the program



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

शुभेच्छुक

प्राचार्य, सर्व कर्मचारी व विद्यार्थीवर्ग

Prof. N. B. Desale
I/C Principal