KBTCOE NEWS LETTER

N D M V P S's K. B. T. College of Engineering, Nashik is 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 & Computer Engineering

- **Soft Skill training by Zensar Technology (20-25/02/ 2018)**

Soft Skills and Aptitude Skill training program was organized in Computer Engineering department in collaboration with Zensar. 31 students from Computer Engineering, 20 from IT department and 20 students from Matoshri College of Engineering were selected as participants for the training. Mr. Ranjit conducted the soft skills training for the participants on 20th and 21st February. Mr. Musharraf conducted the aptitude training essential for the campus recruitment on 22nd and 23rd February. Mr. Imtiyaz guided the students to enhance their communication skills on 24th and 25th February. Zensar training focused on the preparation of the students for campus selection process and grooming their personalities. Prof. Dr. V. S. Pawar (HoD) and Mr. B. S. Gholap took efforts for organizing the training program.

Mr. Musharraf Hasan guiding students

- **Placement in Aress Software and education technologies Campus (16/02/2018)**

Aress Software and education technologies organized campus interviews for BE students on 16th February 2018 at the institute. Mr. Sameer Ashok Patil from Department of Information Technology is selected in this campus interview for the position of Trainee Software Engineer (Developer) with an annual salary package of INR 2,59,954/-.

Dr. V. R. Sonawane (HoD, IT) felicitating Mr. Sameer Ashok Patil (BE-IT)

Department of Electronics and Telecommunication Engineering

- **Placement in Loube Innovative Solutions, Rushabh Instruments and aptitude test session by Fox Control Talent Search Scheme (20/02/2018 & 24/02/2018)**

In Pool Campus Drive of Loube Innovative Solutions Pvt. Ltd., 07 students are placed with package of 2.5 Lakh per annum. The students are - Ms. Rohini Vaidya, Ms. Anudipanil Bhagwat, Ms. Shweta Santosh Devkute, Ms. Harshada Navale, Mr. Roshan Suryavanshi, Ms. Sakshi Survar and Ms. Madhuri Tajanpure.

In pool campus drive of Rushabh Instruments Pvt. Ltd., Mr. Harshada Rajendra Navale is placed with package of 5.03 Lakh per annum.

Aptitude test session was conducted for 38 students on 24th February 2018 for Fox control Talent Search Scheme. 05 students from the department are selected. The students are - Mr. Sumedh Dixit, Ms. Ashwini Avhad, Mr.

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Swargesh Pingle, Ms. Sonali Hagawane and Ms. Dhanashri Karangale

Students during the placement process

Department of Computer Engineering

- **Programming Training (16/01/2018 to 08/02/2018)**

Department of Computer Engineering conducted a Programming Training course for the interested second year students of the institute. The programming course included training for C and C++ programming languages with hands on sessions. The basic concepts of C programming from control structures, pointers to arrays and structures were covered in the course. Introduction to object oriented programming, classes and the object oriented features were discussed for the C++ programming.

Students during Programming training

Mr. S. T. Datir conducted the training of C Programming and Mr. B. S. Gholap conducted training of C++ programming. This programming course helped the students to understand the fundamentals of programming. Prof. Dr. V. S. Pawar (HoD) took efforts for organizing the training program.

- **Hardware Training (15/01/2018 to 02/02/2018)**

A Hardware training course was conducted by Department of Computer Engineering for the interested students of First Year engineering from Computer and IT department. The course included the details of Architecture, study of motherboard, networking, installation and configuration of operating system and printer. The course also included the practical sessions for networking, installations and maintenance. The theory sessions for the Computer Engineering students were conducted by Mr. B. S. Tarle and for IT department students by Mr. P. P. Shinde. The practical sessions were conducted by Mr. V. N. Nimbalkar and Mr. H. N. Ugale. The course helped the students to understand the details in PC Hardware along with its working and maintenance. Prof. Dr. V. S. Pawar (HoD) took the efforts for organizing the training program.

Students and staff during the training

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- **Student Placement (February 2018)**

Tata Consultancy Services (TCS) has started an open innovation centre Digital Impact Square (DISQ) in Nashik. It is an online platform that encourages innovations using digital technologies to address the needs of masses. Preleaf Technology Pvt. Ltd. is a health care start up of DISQ. Mr. Akshay Dixit of Final Year has been placed in Preleaf technology as Business Developer and Android Developer. He will be working on a maternal health project, "Maatritva" in Nashik. Ms. Ashwini Kardile from Final Year has been selected in the campus placement by Aress software, Nashik. Prof. Dr. V. S. Pawar (HoD) and the staff of the department congratulated the placed students for their grand success.

Dr. K. S. Holkar congratulating Mr. Akshay Dixit

Department of MBA

- **Outbound Training at Panchagani, Satara (27/01/2018 – 01/02/2018)**

MBA Department has been carrying out the Outbound Training Program activity every year since 2014. Every year students eagerly wait for this activity as corporate trainer Mrs. Arya Hycinth carry out this program in wilderness of Panchagani, Satar. This year a batch of 34 students geared up for 3-day training session from 27/01/2018 to 01/02/2018. Students learn and grasp various management concepts through practical exercises. Corporate trainer Mrs. Arya Hycinth designed 17 innovative activities for students such as: Group Formations and Guessing, Mirror Image, Diamond Steps, Balance and Carry on, Blind Faith Walk, Blind Pick, Smash Ball, Star Gazing, Jungle Safari, Sunrise Candle Plant Visit, Ad-Mad Show, Marble Game, Pipe Passing, News Paper Game, Cooking, Poster Making and Mapro Plant Visit. The students not only enjoyed these activities but also learned a lot. To name few are: Creative Thinking, Decision Making, Cooperation, Coordination, Strategy Formulations, Presence of Mind, Team building, Motivation, Leadership Skills etc.

MBA Students and Trainer during Outbound Training Program

2. Workshops/ Seminars/STTPs/FDPs
Department of Electronics and Telecommunication Engineering

- **Four Days Workshop on 8 Bit Microcontroller (8051 core) based Embedded System (21 - 24/02/2018)**

The Workshop was arranged by Electronics and Telecommunication department under the MVP-INNOVA & RASPI laboratory. The students were benefitted by learning Architecture, Memory Organization of 8051

Micro-controller. The Second Year students of the department took the benefit of the session.

Participants of the workshop

- **Four Days Workshop on Raspberry Pi based IOT (15 – 19/02/2018)**

A workshop was organized by Electronics & Telecommunication department under the MVP-INNOVA & RASPI laboratory.

Participant students during the workshop

The objectives of the workshop were to understand the basic architecture of Raspberry PI, introduction to LINUX, to study the advanced programming in Python, introduction to Sensors & Transducers & their application, to understand the basic applications of Raspberry with Wi-Fi and Bluetooth, making of smart home automation using Raspberry Pi and the hands on practice on Peripheral Interfacing with Raspberry Pi board (ARM-Cortex) with the External Hardware. The Final

Year students of the department took the benefit of the session.

Department of Instrumentation & Control Engineering

- **Three days workshop: Shree Sadhakashram Bhugaon Sadhana Shibir (23 – 25/02/2018)**

Mr. A. R. Kulkarni attended a three days workshop (Shibir) at Bhugaon, Pune. This was 'Shree Sadhakashram Bhugaon Sadhana Shibir'. It was during 23rd - 25th February 2018. The central theme of the workshop was Prem-Bhav. In this workshop the contents were: Direction for Meditation and Meditation, Sadgurusahvass, Anushangik Sadhana, Prayers, Sukh-Samvaad (direct discussion with Sadguru), Satsang (Question-Answers session), Namasmaran (chanting), Bhajan, Pranayama, Anushangik Naam, Contemplation and Parisamvaad.

- **Participation of Dr. B. B. Musmade in Syllabus Finalization workshop (22/02/2018)**

A one day workshop was organized by Board of Studies in Instrumentation and Control Engineering, at SPPU Pune on 22nd February 2018. The workshop was hosted by Department of Instrumentation and Control Engineering, College of Engineering, Pune. Dr. B. B. Musmade attended this workshop. In this workshop, he presented the proposed structure of B. E. (Instrumentation and Control) prepared on behalf of Board of Studies. Thirty faculty members of Instrumentation Engineering from various affiliated colleges participated in this workshop to discuss and finalize the university curriculum.

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Dr. B. B. Musmade (HoD) during the workshop

- **Workshop by Adv. Suraj Motiwala (06 - 12/02/2018)**

Department of Instrumentation & Control Engineering organized a 07 Day workshop during 6th -12th February 2018 for Final Year Instrumentation & Control Engineering students. Adv. Suraj Motiwala (Director, Motiwala's Institute of Communication & Research for Advancement of Unity, Nashik) was invited as resource person. In this workshop the real life problems were discussed through various group activities. All students enjoyed the session.

Expert and participant students during the workshop

Department of Civil Engineering

- **A two days national level workshop on "Utilization of waste material in construction for sustainable development" (9th & 10th February 2018)**

The Department of Civil Engineering organized a two days National Level Workshop on "Utilization of waste material in construction for sustainable development", on 9th and 10th February 2018. This workshop received a tremendous response and participation from all across the India. 07 speakers guided the audience in the course of these two days. Mr. Hemant Pagare (Chief Engineer, PWD Nashik Region), Mr. S. S. Patil (Senior Engineer, PWD), Mr. Y. B. Kulkarni (Executive Engineer, PWD), Mr. Kotecha (Deputy Engineer, PWD), Mr. Gangurde (Engineer, PWD) were invited as Chief Guest for the inauguration function. Shri. Bhausaheb Khatale (Director, MVP Samaj) were guest of Honor for this function. Dr. N. S. Patil (Education Officer, MVP Samaj), Dr. M. P. Kadam (HoD) and all the staff of the institute were present for the inauguration of the workshop. On this occasion Mr. Pagare (Engineer, PWD) in his speech pointed out the importance recycling and usage of waste material in construction of roads.

Day one session started with a seminar on 'Feasibility of waste utilization in concrete' by Dr. Y. D. Patil (SNVIT Surat), Dr. S. V. Patanker (SRESCOE, Kopargoan) explored the topic 'Cement less concrete'. Mr. Sameer Alone (Infi Institute of Program Management, Pune) focused on 'The waste utilization and their management in the construction'. 'Use of Pozzolon as Industrial byproducts and their applications' was explained by Mr. M. P. Pathak (Manager, Dirk India Pvt. Ltd., Nashik).

On second day, Dr. Madurwarand Dr. Ralegaonkar (NIT Nagpur) conducted sessions on 'Agro waste in concrete' and 'Construction and demolition waste' respectively. Dr.

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Prakash Nathagopalan (IIT Bomay) delivered a talk on 'Can a construction site be sustainable?' For the valedictory function, Shri. Sachin Pingle (Director, MVP Samaj) was invited as Chief Guest. Dr. N. S. Patil, (Education officer, MVP Samaj), Dr. K. S. Holkar (Principal), Dr. M. P. Kadam (HoD) and the staff of the department were present for the function.

Inauguration of the workshop

Dr. K. S. Holkar addressing the audience during the valedictory of the workshop

Department of Computer Engineering

- **Two days State level workshop on Security in Embedded Systems and IoT (27 – 28/02/2018)**

Department of Computer Engineering organized a two days State Level workshop on "Security in Embedded systems and IoT" which was sponsored by Savitribai Phule Pune University. Staff members from various engineering colleges and the students of Computer department were the participants of the workshop. Mr. Sameer Rawal (Impact Innovation Manager, DISQ TCS) was the Chief Guest of the inauguration program. He discussed the various sensors used in the field of IoT. Dr. M. R. Sanghavi (SNJB College of Engineering, Chandwad) was the resource person of the first session. He explained the basics of IoT and embedded systems. Dr. P. N. Mahalle (Sinhagad College of Engineering, Pune) discussed the various challenges in IoT. Mr. Shubham Jadhav and Mr. Dinesh Ghatge (Winjit) explained the details of embedded system and IoT using examples like green house management. Dr. M. U. Kharat (MET BKC, Nashik) explained the challenges and opportunities of security in the field of IoT. The last session was conducted by Mr. Tushar Kute (MITU Technologies, Pune). He demonstrated the working of IoT with its practical application.

Dr. K. S. Holkar addressing the audience during the inauguration of the workshop

Shri. Nanasaheb Mahale (Director, MVP Samaj) and Dr. K. S. Holkar (Principal) were present for the inaugural function and addressed the participants of workshop. Prof. Dr. V. S. Pawar (HoD) and Mr. B. S. Tarle

(Coordinator) took the efforts for organizing the workshop.

3. Industrial Visits

Department of Information Technology

- **Netwin Infosolutions, Nashik (08/02/2018)**

Department of Information Technology organized an Industrial Visit for BE-IT students to Netwin Infosolution, Nashik on 08/02/2018. This is Software Development and Independent Software Testing Company. Mr. Sham Kuwar (HRM) introduced Netwin Infosolutions. He listed out the technologies on which the company is working. He also discussed the operations and various projects of the company in detail.

Staff and students of the department during the visit

Department of Electronics and Telecommunication Engineering

- **One Day Visit to e-YIC competition at K. J. Somaya, Mumbai (27/02/2018)**

The annual e-Yantra Ideas Competition (eYIC), an innovative opportunity available only to eLSI member colleges to participate, provides a platform for the teams to showcase their ideas. Regional Finals of e-Yantra Ideas Competition (eYIC-2018) in Seven (07) regions are spread across the country. This was an exhibition cum competition where shortlisted teams from the eLSI colleges from these regions were invited to demonstrate the working solution of their project. The staff member of the department, Ms. S. A. Dhumane along with students, Mr. Vishal Murkute, Mr. Akash Joshi, Mr. Shubham Khodade and Mr. Shekhar Lokare visited e-Yantra on 27th February 2018.

Students and staff of the department during the visit

- **Industry Visit by Staff Members to Power Tech, Deshmukh Solar Energy, Shivaanand Electronics regarding Final Year Sponsored Project (06/02/2018 & 21/02/2018)**

The staff of the department visited to various industries regarding Final Year sponsored project discussion with external guide on progress of students in these projects.

Staff and students of the department during the visit

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Staff and students of the department during the visit

Staff and students of the department during the visit

Department of Instrumentation & Control Engineering

▪ **Hindustan Aeronautics Limited (HAL), Nashik (21/02/2018)**

Staff and students of the department during the visit

Department of Instrumentation & Control Engineering organized an industrial visit of Third Year & Final Year Instrumentation & Control Engineering students to Hindustan

Aeronautics Limited (HAL), on 21st February 2018 as a part of their academic curriculum. Students got opportunity to see latest CNC machines used for the manufacturing of MIG & SUKHOI Aircrafts.

▪ **Nashik Municipal Corporation, Sewage Water Treatment Plant (15/02/2018)**

Department of Instrumentation & Control Engineering organized a visit of Third Year students to Nashik Municipal Corporation, Sewage Water Treatment Plant, Nashik as a part of academic curriculum. Students observed grating, sedimentation, aeration, chlorination and oxidation. They were also introduced with the details of biogas power plant. Mr. Ravi Kulkarni (Plant Head) gave the technical details of the plant.

Staff and students of the department during the visit

▪ **MVPS's Pharmacy College, Nashik (15/02/2018)**

Department of Instrumentation & Control engineering organized an industrial visit of Third Year students to MVPS's Pharmacy College, Nashik on 15th February 2018 as a part of their academic curriculum. Students got opportunity to see sophisticated instruments and perform experimentation on Gas Chromatography, Ultra violet- visible spectroscopy, High performance liquid

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chromatography, HPTLC, Fourier transform Infrared spectroscopy etc.

Students of the department during the visit

- **MVPS's Dr. Vasantrao Pawar Hospital & Research Center, Nashik (12/02/2018)**

Department of Instrumentation & Control Engineering organized an industrial visit of Third Year students to MVPS's Dr. Vasantrao Pawar Hospital & Research Center, Nashik on 12/02/2018 as a part of academic curriculum. Thereby getting an opportunity to explore the latest technologies in biomedical instrumentation field like ECG, EEG, EMG, Audiometer, Blood Pressure Instruments, Trauma ICU, M-ICU & its instruments like mediscope, Students also got an opportunity to see the practical application of Echo-Cardiograph.

Staff and students of the department during the visit

Department of Civil Engineering

- **Visit to Sunstar Milk Processing Industry construction site (20/01/2018)**

Department of Civil engineering organized a visit for TE students to Sunstar Milk Processing Industry, Ashewadi, Nashik on 20th January, 2018. Purpose of visit was to demonstrate the construction and steel placement in concrete structures like column, beam, slab on site. Dr. M. P. Kadam (HoD) guided the students on site.

Staff and students of the department during the visit

Department of Mechanical Engineering

- **Sahyadri Farmers Producer Co. Ltd., Mohadi (06/02/2018 & 14/02/2018)**

Staff and students of the department during the visit

The Third Year Mechanical Engineering students visited the Sahyadri Farmers Producer Co. Ltd., Mohadi and studied functioning of vapor compression refrigeration system used

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for pre-cooling, cooling and preservation of fruits and vegetables. In particular, they learned multi-evaporator system and their practical aspects during visit.

4. Expert Talks/Lectures

Department of Information Technology

- **"Proof of Correctness" by Ms. V. S. Tidke (23/02/2018)**

Department IT organized an expert session on "Proof of Correctness" for TE students on 23rd February 2018. This session was conducted by Ms. V. S. Tidake (Associate Professor, Computer Department). Main objective of this session was to cover basics of design and analysis of algorithm.

Ms. V. S. Tidke guiding the students

- **"Career guidance in IT" by Mr. Kunal Bhusare (14/02/2018)**

Department of IT organized a career guidance session on "Career guidance in IT" for TE and BE students of IT and Computer Engineering department on 14th February 2018. Mr. Kunal Bhusare (CEO, Gyrix Techno Lab) was invited as resource person. Mr. Kunal introduced various IT tools used in organizations. He also explained the importance of skill development and expectation of IT industries from students. Dr. K. S. Holkar (Principal), Dr. V. R. Sonawane

(HoD, IT Dept.), Dr. V. S. Pawar (HoD, Computer Dept.), staff and students of IT and Computer Engineering department were present for this session.

Dr. K. S. Holkar (Principal) felicitating Mr. Kunal

- **"Introduction of LaTex" by Ms. T. S. Pawar & Ms. A. D. Deore (10/02/2018)**

On 10th February 2018, Department of Mechanical Engineering organized an expert session on "Introduction of LaTex" for all the faculty members of the department. This session was conducted by Ms. T. S. Pawar and Ms. A. D. Deore (Assistant Professor, IT Department).

Expert and Staff during the session

- **"Career Opportunities after Graduation" by Mr. Yaw Kwakye (02/02/2018)**

Department of IT organized a career guidance session on "Career Opportunities

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after Graduation" for TE and BE students on 2nd February 2018. For this session, Mr. Yaw Kwakye (Chief Software Architect, Glostream) was invited as resource person. On this occasion his team members Mr. Samuel Amanor (CEO BlueSpace), Mr. Gus Amegadzie (VP, Global COE Business Operations, EMC & Digital Transformation Advisor), Mr. Rudolf Akrong (Digital Operating Officer), were also present. Dr. K. S. Holkar (Principal), Dr. V. R. Sonawane (HoD, IT Dept.) and Dr. V. S. Pawar (HoD, Computer Dept.) were also present for the session. The staff members and students of the institute took the benefit of the session.

Dr. K. S. Holkar (Principal), Mr. Yaw and staff during the session

Department of Electronics and Telecommunication

- **"MATLAB & Simulink in Engineering Education containing topics Mechatronics system design using Simulink Internet of Things with MATLAB" by Mr. Abhishek Roy and Mr. Kazi Arafat (20/02/2018)**

IETE student's chapter (ISF) of Department of Electronics and Telecommunication Engineering arranged an expert session on "MATLAB & Simulink in Engineering Education containing topics Mechatronics

system design using Simulink, Internet of Things with MATLAB". The experts Mr. Abhishek Roy and Mr. Kazi Arafat (Application Engineers, Math - Work Products, Designtech Systems Ltd., Pune) were invited as resource persons for this session. Along with IETE student members, Third and Final Year E & TC and Instrumentation & Control Engineering Department students took the benefit of the program.

Expert addressing the audience during the session

- **Carrier Launcher Program by Mr. Shah & Mr. Aajinkya (08/02/2018)**

Expert addressing the audience during the session

CL Educate Ltd. focused on diverse segments of education across the learners of multiple age-groups. Led by a team of highly qualified professionals, with a passion for excellence in education, CL Educate Ltd. has been focusing on shaping the lives and careers

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of students. Mr. Shah and Mr. Ajinkya from CL Educate Ltd. were invited for the career guidance sessions on 8th February 2018. The Third Year students from the department took the benefit of the session.

- ▪ **"Quality Management, SIX SIGMA" by Mr. Pradeep Joshi (07/02/2018)**

Department of Electronics & Telecommunication Engineering organized an expert talk on Six Sigma, which is a set of techniques and tools for process improvement. Mr. Pradeep Joshi along with Six Sigma also covered Kaizen, which is referred to activities that continuously improve all functions involving all the employees. This Expert talk would be helpful to the students for their career and bring in a positive change in their thinking and practical behavior regarding quality management especially in engineering processes.

Expert and students during the session

- ▪ **"Power Electronics" by Mr. Rajesh Kale (07/02/2018)**

Considering need of Power Electronics, Mr. Rajesh Kale guided students on different aspects used in generation, transmission and utilization of energy. He also explained different power converters and their

importance. The students from Third Year of the department took the benefit of the session.

Expert addressing the audience during the session

- ▪ **"Industry Ready Engineers" by Mr. Saleel Raje (06/02/2018)**

Department of Electronics & Telecommunication Engineering organized an expert talk on 6th February 2018 for BE & TE Students. Mr. Saleel Raje (CEO, ESDM Technology Pvt. Ltd. Nashik) was the speaker of the session. He elaborated industry needs & interview facing techniques to students. Students from Instrumentation & Control Engineering also took the benefit of the session.

Dr. K. S. Holkar (Principal) felicitating Mr. Saleel

- ▪ **"Internet of Things (IOT)" by Mr. Ankit Agrawal (02/02/2018)**

An expert talk was arranged for Second and Final Year students of Electronics and

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Telecommunication department to make them understand IoT, its usefulness, benefits and applications. Mr. Ankit Agrawal was invited as resource person for this session.

Mr. Ankint interacting with students during the session

- **"Basic of Signal Modulation" by Mr. H. V. Patil (30/01/2018)**

Mr. H. V. Patil delivered a lecture in Information Technology department on Basics of Signal Modulation. He discussed the topics such as communication techniques and role in our daily life with many examples. All the students appreciated and got the thorough knowledge about the subject.

Mr. H. V. Patil guiding the students during the session

Department of Instrumentation & Control Engineering

- **"IOT for Instrumentation" by Mr. Shekhar Borse (16/02/2018)**

Department of Instrumentation & Control Engineering organized an expert talk of Mr. Shekhar Borse (Director, Raspi Invents Pvt. Ltd, Nashik) on 16th February 2018 for staff and students of the department. The topic discussed was "IOT for Instrumentation". Mr. Shekhar gave an overall knowledge of vast requirement of sensors and their multiple applications in various fields such as agriculture, biomedical, pharmaceutical and industrial sector. Students of SE, TE, BE as well as faculty members of the department took the benefit of the session.

Dr. B. B. Musmade (HoD) felicitating Mr. Shekhar

- **"Introduction to 8051 Microcontroller" by Mr. S. D. Nikam (15/02/2018)**

One of the faculty members, Mr. Satish Dhanraj Nikam (Assistant Professor, Department of Instrumentation & Control Engineering) delivered an expert talk on "Introduction to 8051 Microcontroller" for the Second Year Information & Technology students. He introduced the students with microcontroller, architecture & block diagram in detail.

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Mr. S. D. Nikam addressing the students

- **"Foundation theme for better communication" by Adv. Suraj Motiwala (10/02/2018)**

Department of Instrumentation & Control Engineering organized an expert talk session for staff members on topic "Foundation theme for better communication" by Adv. Suraj Motiwala on 10th February 2018. The session focused on unity of mankind, gender equality, honesty, kindness ethics and principles. All the staff of the department took the benefit of session.

Expert and the staff of the department during the session

Department of Computer Engineering

- **ESDS Session on Techniques in Cloud Computing (21/02/2018)**

Under the Centre of Excellence, Mr. Amol Jain from ESDS conducted a session on "Techniques in Cloud Computing" for the students of Computer Engineering. Mr Jain explained the eNlight tool developed by ESDS for the cloud computing. He also explained the Unified Cloud Management process using this tool. Prof. Dr. V. S. Pawar (HoD), Mr. S. A. Talekar and Ms. R. R. Shewale took efforts for organizing the training program.

Expert and students during the session

- **"DevOps (Development and Operations)" by Mr. Ketan Lohar (17/02/2018)**

Under the Centre of Excellence, Mr. Ketan Lohar from Winjit conducted a session on "DevOps (Development and Operations)" for the students of Computer Engineering. DevOps is an enterprise software development phrase used to mean a type of agile relationship between development and IT operations. Its goal is to improve relationship by promoting better communication and collaboration between these business units. Mr. Ketan explained the different phases of Project development along with the basics of Project Management and Programming He emphasized on the skills required for the various activities of project development that are essential for the career in IT field. Prof. Dr. V. S. Pawar (HoD), Mr. S. A. Talekar and Ms. R. R.

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Shewale took efforts for organizing the training program.

Expert addressing the audience during the session

- **"Introduction to Cloud Computing" by Mr. Singh (31/01/2018)**

Mr. Singh addressing the audience

Under the Centre of Excellence, Mr. Rupinder Singh from ESDS conducted a session on "Introduction to Cloud Computing" for the students of Computer Engineering. Mr. Singh explained the eNlight Cloud, a tool developed by ESDS as a software solution in Cloud Computing. It is India's first and only cloud computing platform patented from USPTO and for "Method and System for Real Time Detection of Resource Requirement and Automatic Adjustments". It is state-of-the-art cloud hosting solution with built-in ability to automatically scale CPU and RAM on-demand without any human intervention or downtime.

Prof. Dr. V. S. Pawar (HoD), Mr. S. A. Talekar and Ms. R. R. Shewale took efforts for organizing the training program.

Department of MBA

- **"Career in Digital Marketing" by Mr. Vineet Waghmare (22/02/2018)**

The Department of MBA organized an expert session on the topic "Career in Digital Marketing" on 22nd February 2018. Mr. Vineet Waghmare was invited as resource person for this session. He guided the students on current trends and bright career in Digital Marketing.

Mr. Vineet addressing the students

- **"Career Opportunities" by Mr. Yaw Kwakye (20/02/2018)**

Dr. K. S. Holkar (Principal), Mr. Yaw and the students during the session

The Department of MBA organized an expert session on the topic "Career

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Opportunities" on 20th February 2018. Mr. Yaw Kwakye was invited as resource person for this session. He guided the students on the career opportunities in Software Marketing and also offered internships with Glostream Ltd., Nashik.

5. Technical Activities

Department of Information Technology

▪ **Participation in "CII Delegates visit to DISQ 12 FEB 2018" (12/02/2018)**

The Industry Institute Interaction event "CII Delegates visit to DISQ 12 FEB 2018" was scheduled on the 12th February 2018 at Digital Impact Square, Nasik. One faculty member from each department of the institute participated in this event. From the Department of Information Technology, Mrs. B. A. Ahire was the participant. Main aim of the conference was to visit DISQ and have interaction with DISQ innovators.

▪ **GATE 2018 (February 2018)**

GATE is a national-level entrance examination held for admissions to Postgraduate Programs and many private organizations. GATE 2018 was conducted by IIT Guwahati. The institute was one of the centers which successfully carried out GATE Exam. Dr. V. R. Sonawane (HoD) was the Preceding Officer and Mrs. R. P. Chandwadkar (Assistant Professor, Computer Dept.) was Deputy Preceding officer for this exam.

▪ **Felicitation of successful students in Red Hat global certification Exam (06/02/2018)**

Department Information Technology has started Red-Hat Academy Lab in September 2017. Total 35 students have registered for this certification. Red-Hat Global Certification exam was conducted at the end of Jan 2018. Result of this exam was declared in February 2018. 15 students were appeared for this exam. Out of 15 students, 6 students scored 300/300 marks. To celebrate their success, Red-Hat Academy organized felicitation program on 6th February 2018. For this felicitation program, Ms. Amreen Gayas (CEO, Red Hat Academy) was invited as the Chief Guest. Mr. Vatsal Thakor (Red-Hat GLS Instructor), Mr. Aditya Bagu (Technical Director), Mr. Rohan Sonawane (Operation Head), entire IRT team, Dr. K. S. Holkar (Principal), Dr. V. R. Sonawane (HoD), staff and students from IT department were present for this program.

Dr. K. S. Holkar (Principal), Delegates of Red Hat Academy and Staff during the program

Department of Instrumentation & Control Engineering

▪ **Activity under Industry Institute Interaction (February 2018)**

As an informal part of Industry Institute Interaction, Dr. A. R. Kulkarni visited Mr. Wadikar (Director of Electromotives, Nashik) and Mr. Pandit, (Director of MuC Embedded Systems Nashik). Mr. Wadikar showed his willingness to sponsor a project for Third Year

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students of Instrumentation and Control Engineering.

6. Student/Staff Achievements

Department of Information Technology

- **"New India Student Championship 2018" (03/02/2018)**

The 'New India Student Championship 2018', the largest Learnathon in India, held on 3rd February 2018. Over 10,000 students from 120 colleges completed a total of 5,81,592 modules and earned badges. 65 Students of TE & BE from IT department participated in this competition. Mr. N. S. Ujgare coordinated this Learnathon session. 07 students received the certificate of recognition from Sales Force and three students were the winners at institute level and now they are eligible for next round at regional level. Winner of this Championship was Ms. Karishma Inamke (TE-IT). The first runner up was Ms. Shruti Dahale from (TE-IT) and second runner up was Ms. Geethu S. (TE-IT).

Mr. N. S. Ujgare coordinating Learnathon session

- **Success of IT students in various Competitions (February 2018)**

A group of students from BE-IT participated in project competition which was held at SVIT College of Engineering, Chincholi. Dr. V. R. Sonawane guided this project. Three project groups from BE-IT have also been selected for the third level of NES awards. The presentation session of this competition was conducted on 17th February 2018 at Boardroom, NES c/o Global Talent Track, Mundhwa, Pune. Mr. N. S. Ujgare, Ms. D. R. Gatne and Ms. T. S. Pawar are guiding these projects.

Students of the department at the Global Talent Track

Department of Instrumentation & Control Engineering

- **Participation of Dr. N. S. Patil in DTE and AICTE sponsored workshop on "Enhancing Quality of Technical Education: Issues and Challenges" (21/02/2018)**

The Directorate of Technical Education (DTE) Mumbai and All India Council of Technical Education, WRO-Mumbai in association with Thakur College of Engineering and Technology (TCET), Mumbai organized a one day state level workshop on "Enhancing Quality of Technical Education: Issues and Challenges" on 21st February 2018. In this workshop along with quality aspects, many key issues were discussed like guidelines to understand the process of NBA and promote the instructions to acquire the same.

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Shri. Vinod Tawade (Hon. Minister, Higher & Technical Education, Maharashtra), Dr. Anil Sahassrabudhe (Chairman, AICTE, New Delhi), Dr. Abhay Wagh (Director, DTE, Mumbai) and subject experts were the key persons of workshop. Dr. N. S. Patil (Education Officer, MVP Samaj) participated in this workshop.

- **PhD Felicitation Program Dr. Ashwini K. Patil (19/02/2018)**

Department of Instrumentation & Control engineering has felicitated Dr. Ashwini K. Patil for completing her PhD in Electrical Engineering on 9th January 2018 from Government college of Engineering, Aurangabad (Dr. BAMU University) under the guidance of Dr. Archana Thosar (Professor, Electrical Engineering, Government College of Engineering, Aurangabad) on the topic "Observer based Fault tolerant control for wind energy system".

Dr. K. S. Holkar (Principal) and Staff of the department felicitating Dr. A. K. Patil

Department of Computer Engineering

- **Students Achievements in Tech –Fight 2018 (23/02/2018)**

Students of Computer Engineering department achieved a grand success in the technical events Tech- Fight 2018, organized by Sandip Institute of Engineering and Management, Nashik. The programming talent of the department added another feather of success to the college by winning all the prizes of the programming event. Mr. Parth Jadhav and Mr. Sarang Sonawane from Third Year won the first prize in the programming contest Blind Coding and Mr. Roshan Maind from second year won the second prize. Prof. Dr. V. S. Pawar (HoD) and the staff of the department congratulated the students for their achievements.

-

Students receiving the first prize and certificate

- **Students Achievements in PROJIT (16/02/2018)**

Students of Computer Engineering department achieved a great success in the technical events PROJIT, organized by JIT, Nashik. The coding master minds of the department added glory to the college by winning all the prizes of the programming event. Mr. Yash Yadav and Ms. Riyanka Rai from third year won the first prize in the programming contest "C Coding" at PROJIT and Mr. Roshan Maind from second year won the second prize. 150 students from the various engineering colleges participated in the event. Dr. K. S. Holkar (Principal) congratulated the

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students for their grand success. Prof. Dr. V. S. Pawar (HoD) and the staff of the department congratulated the students for their achievements.

Dr. K. S. Holkar (Principal) congratulating the successful students

▪ **Students Achievements in IGNITRA'18 and INNOVISION'18 (15/02/2018)**

Students of Computer engineering exhibited their talent in the technical events organized by R. H. Sapat College of Engineering. In the IGNITRA'18, technical event organized by Computer Department of the RHS COE, the students of third year computer engineering of our institute made pride to our college by winning all the prizes of Codeathon, the programming contest. Mr. Husain Dehnuwala, won the first prize, Mr. Yash Yadav won the second prize and Ms. Neha Murthy and Ms Manisha Raut won the third prize. Mr. Amit Kallapa from final year won the second prize in Quiz competition of the same event.

The MCA Department of RHS COE organized a technical event INNOVISION '18 in which Mr. Husain Dehnuwala, won the first prize in blind coding competition and Mr. Yash Yadav won the second prize in the same event.

Dr. K. S. Holkar (Principal) congratulated the students for their grand success. Dr. V. S. Pawar (HoD) and the staff of Computer

Engineering Department congratulated the students for their achievements.

Dr. K. S. Holkar (Principal) congratulating the successful students

7. Alumni Meet (24/02/2018)

The Alumni plays an important role in helping to shape the future of our institute by presenting their views and to form stronger alumni relations with the college. The institute organized an alumni meet on 24th February 2018. The glimpses of this programs are as follows

Dr. K. S. Holkar (Principal) addressing the alumni meet

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Department of Electronics and Telecommunication Engineering

Department of Instrumentation & Control Engineering

Department of Computer Engineering

Department of Mechanical Engineering

Department of MBA

8. Social Activity

▪ **"World Marathi Language Day" (27/02/2018)**

World Marathi Language Day was celebrated in the institute on behalf of birth anniversary of great Marathi poet Shri. V. V. Shirwadkar (popularly known as "Kusumagraj") on 27th February 2018. Mr. Kishor Pathak (Kusumagraj Pratishthan, Nashik) was the chief guest for the function. In his speech, Mr. Pathak elaborated the importance of Marathi language and its vast literature. Mr. Pathak who is also a retired Civil Engineer by profession, encouraged the students for the use of Marathi language in their day to day life.

Dr. K. S. Holkar (Principal) felicitating Mr. Kishor Pathak

■ **Live Streaming of PM Modi's Session on "Pariksha Par Charcha" (16/02/2018)**

The institute arranged the live streaming session of Shri. Narendra Modi (Hon. Prime Minister, India) on 16th February 2018. The session "Pariksha Par Charcha" was aired in all schools and college. Students were encouraged to ask questions and share the stress-relieving techniques.

Students during the live streaming session

■ **Health Checkup Camp (February 2018)**

Free health check-up camp was organized by NSS team for all students of institute in the month of February 2018. Its main purpose was to maintain good health of the students.

Students and Doctors during the camp

Department of Information Technology

■ **Kusumagraj Birth Anniversary and Marathi Bhasha Din Celebration (27/02/2018)**

The students of Third Year IT celebrated birth anniversary of the great poet Shri. V. V. Shirvadkar (popularly known as Kusumagraj) on 27th February 2018. On this occasion, the students paid tribute by reading the poems of Kusumagraj. This day is also celebrated as Marathi Bhasha Din.

Students reading the poems of Kusumagraj

■ **"Adharthirth Adharashram" under NSS (03/02/2018)**

The institute has organized a social activity under NSS cell. The main purpose of this event was to create social awareness among the students. NSS volunteers visited the Adharthirth Adharashram, Trimbakeshwar. These volunteers did various activities such as cleaning, preparing and serving food to the children etc.

NSS members serving the meal at the Ashram

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▪ **Donation of Book and Sponsorship by Dr. A. R. Kulkarni (08/02/2018)**

Dr. A. R. Kulkarni sponsored one economically weak candidate to complete training in MVP-FOX Automation Training Center. He paid total fees of INR **20,000/-** towards this sponsorship. He also donated books on Digital Signal Processing to Department Library on 8th February 2018. Total seven books were donated by him.

Dr. A. R. Kulkarni handing over the amount of sponsorship to the student

▪ **Books donated to departmental library by all staff members (February 2018)**

Staff of the department donating the books

All staff members contributed money and donated books on the life of Swami Vivekananda (Volume of 10 books) to department Library on 16th February 2018. Total ten books were donated by all staff members.

Women Redressal Cell

▪ **Session on Awareness of Protection laws for girls and women (21/02/2018)**

The college has established Women Redressal Cell for the betterment of female employees and students of the institute. Recently the cell organized a session on "Awareness of Protection Laws for Girls and Women" for all the second year female students and staff of the institute. Mr. Vilas Deshmukh, (Principal, M.V.P. Samaj's College of Social Work, Nashik) and Mrs. Kalyani Varma (Police Sub Inspector, Cyber Police Station, Nashik) were the invited speakers. Mr. Deshmukh discussed various laws in force for protection of women. Mrs. Kalyani Varma discussed various cyber laws and what care should be taken to prevent undesirable situations. Mrs. Vaishali Tidake, (President, Women Redressal Cell) shared overview of working of Women Redressal Cell.

Mr. Vilas Deshmukh, (Principal, M.V.P. Samaj's College of Social Work, Nashik) addressing the audience

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कर्मवीर बाबुराव ठाकरे अभियांत्रिकी महाविद्यालयातर्फे शिवाजी महाराज जयंतीच्या हार्दिक शुभेच्छा !

शुभेच्छुक
प्राचार्य, सर्व कर्मचारी व विद्यार्थीवर्ग

Dr. K. S. Holkar
Principal