

From the HOD's Desk

Dear Readers,

GREETINGS!

Hearty Congratulations & Best Wishes to the new Office Bearers of BETA! BETA kick started the new academic year by giving a grand welcome to the S.E students. A visit to 'Sarvesham Seva Sangh' was next on the cards. BETA not just generously donated ration to the Sangh, but also spent quality time with the their children , displaying the compassionate side of our students!! Guest lectures & significant contributions by our Alumni has become a norm in the department, thanks to our ever supportive Alumni. . Kudos to our faculty who made their presence felt in other Institutions as Resource persons for various FDPs.



Participants of Hands-on Training on PCB Design and Development of PIC based Board

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Two Day Hands-on Training on **PCB Design and Development of PIC based board** was organized by BETA Association of E & TC department on 28th to 29th August 2018 for T.E. students. The objective of the Training was to give Hands-on experience in PCB Design. This Training was conducted by Qualden Technologies Pvt. Ltd., Pune. Prof. Mrs. A. J. Nimbalkar(Thakur) and team of Final year students coordinated the event.

Sensor interfacing using on- chip ADC, use of serial communication and role of FTDI cable for downloading Hex file was covered. Total 138 students participated.

Events Conducted

- One day Faculty Orientation Workshop on Internet of Things in Association with BoS(Electronics/ E & Tc), SPPU, Pune was organized on 12th July 2018.
- Two Days workshop on 'Internet of Things: Towards a smart future 2K18' was organized by Ms. D. N. Parkhi and Mr. V. B. Salve on 21 and 22/09/2018 for BE students. Mr. Shiva and Mr. Prabhu from Pantech ProEd, Hyderabad conducted the sessions.
- Hands-on workshop on Machine Learning was conducted on 6th October 2018.
- Guest Lecture on "Execution of B.E. Project" by Mr. Shrirang Karandikar was organized on 24/07/2018 for BE students under ISTE students chapter.

Industrial Visit

- Industrial Visit to G.M. Enterprises, Pune on 3rd October 2018 for BE students. students visited PCB mounting & testing setup.
- Industrial Visit to Renu Electronics, Pune on 4th October 2018 for BE students. students visited PCB mounting & testing setup.

IoT TSF

Participants implemented two mini projects: "Home Automation Using Raspberry Pi" and "RFID Attendance Monitoring using Raspberry Pi". Total 72 students of BE E&TC participated in this workshop.

E&TC Alumni Association

- Mr. Piyush Godbole & Mr. Harshad Mahabaleshwarkar (2012) were invited as Judge for poster presentation competition for the subject "Signals and systems" for SE students on 11th August 2018.
- Mr. Shreyas Athavale (2013) was invited for Guest lecture for the subject "Computer Networks and security" for BE students on 05th September 2018.
- Mr. Shubham Katore was invited for giving Guidelines for Python programming for Image Processing for BE E & TC students on 22nd September 2018.
- Mr. Pratik Khodke (2015) was invited for Guest lecture for the subject "Signals and Systems" for SE students on 08th October 2018.

BETA Activities

- BETA Committee Interviews were conducted on 17th July 2018.
- SE Welcome Function was conducted on 11th September 2018.
- Teacher's Day was celebrated on 11th September 2018.
- Social Activity was performed by visit to orphanage- 'Sarvesham Seva Sangh' on 05th October 2018.

BETA volunteers organized Colouring Competition, Lemon Race, Musical Statue for the kids of 'Sarvesham Seva Sangh' also donated ration for about 2 months to the organisation.

Staff Achievement

- Ms. K. P. Bihade was invited as Resource Person for Faculty Development Program on “Artificial Intelligence using Machine Learning and Deep Learning” at MMCOE, Pune(IT Department).
- Ms. K. P. Bihade was invited as Resource Person for FDP on “Machine Learning Deep Learning” at VIT, Pune.
- Ms. S. N. Deshmukh was invited as Resource Person for FDP on “BE(E&TC/Elex) Revised syllabus 2015 course” for the subject Electronic Product Design under the aegis of BOS E&TC , SPPU, Pune.
- Ms. S. S. Tavse was invited as Guest Lecturer for “Digital Signal Processing” for TE E&TC at Zeal College of Engg, Pune.
- Mr. V. B. Deokamble was invited as Resource person for R-Programming at VIIT, Pune.
- Ms. R. R. Malekar was awarded Elite grade for NPTEL course in Outcome Based Pedagogic Principles for Effective Teaching.
- Ms. M. R. Pangaonkar was awarded Elite grade for NPTEL course in Educational Leadership.
- Ms. P. S. Sawant was awarded Elite grade for NPTEL course in Outcome Based Pedagogic Principles for Effective Teaching.

BETA Office Bearers

President: Mr. Suyog Korpe, BE

Vice-President (Co-curricular) :

Mr. Adesh Kankhar, BE

Vice-President (Extra-curricular):

Mr. Sumit Rajegore, BE

Vice-President (Social Activity):

Ms. Sakshi Kulkarni, BE

Vice-President (Finance): : Mr.

Abhishek Girigosavi, BE

Secretary: Ms. Gunjan Patil and

Mr. Prashant Patil, TE

Ladies Representative: Ms.

Preety Pathak

Guest Lectures

- Mr. Vivek Aranke with 23 Years Industry Experience on Electronics System Design on 21/7/2018.
- Mr. Shirang Karandikar, Industry Expert, Pune on “Execution of B.E. Project” on 24/07/2018 for BE students.
- Mr. Shirang Karandikar, Founder and co partner, Enki Ecosystem on CMOS Inverting Characteristics and SPICE on 14/09/2018.
- Dr. Y. Ravinder, Professor, PICT,Pune on Matched Filter on 04/10/2018.
- Dr. B. V. Pathak from CCOEW, Pune on Probability and Random variables on 04/10/2018.
- Dr. Sonal Jagtap, HOD SKNCOE,Pune on Fundamental theory of radiating elements and analysis of active components on 6/10/2018.
- Dr. Ashutosh Marathe, Dean Quality Assurance, Former member secretary Academic Board,Asso. Prof. VIT Pune on Wavelet in Signal Processing and Applications of Eigen Vectors on 6/10/2018.
- Mr. Vishram Dhongade, Works Manager, G. M. Enterprises, Pune on Electronic Manufacturing Processes & Surface Mounting Technology on 8/10/2018.

Photo Gallery



Industrial Visit to G.M. Enterprises



Student Visit to Sarvesham Seva Sangh



Expert Lecture by Dr. A. Marathe



Students at PCB Design Session



Teacher's Day Celebration



SE Welcome Function

Editorial Committee-

Staff: Mrs. S.S.Tavse, Neha Darekar

Students: Meghashyam Joshi, Omkar Chavan