

### **Student Achievements (2017-18)**

- 1) Sahil Palekar, Ashish Lohar & Anil Singh of BE EXTC secured Third position in Technical Paper Presentation Competition of “EXALT 2K17” held in APSIT on 15<sup>th</sup> and 16<sup>th</sup> September 2017.
- 2) Archana Chauhan of BE EXTC secured 2nd position in “Technical Paper Presentation” in the Event “Electra Buzz” conducted by New Horizon Institute of Technology and management, Thane on 29<sup>th</sup> September 2017.
- 3) Yash Dedhiya, Shreyas Somani, Ishwar Prajapati of TE EXTC secured Second position in Quiz Competition of “EXALT 2K17” held in APSIT on 15<sup>th</sup> and 16<sup>th</sup> September 2017.
- 4) Shreyas Somani, Ishwar Prajapati of TE EXTC secured Second position in Mini Project Competition of EXALT held in APSIT on 15<sup>th</sup> and 16<sup>th</sup> September 2017.
- 5) Nitu Bhati, Sonam Mathur of TE EXTC with the students of allied departments secured Second position in Robotron Competition of “EXALT 2K17” held in APSIT on 15<sup>th</sup> and 16<sup>th</sup> September 2017.
- 6) Shubhankar A.V. of SE EXTC participated in Mini Project, Robotron, Technical quiz, Best of waste, Tech race and Lan Gaming competition of “EXALT 2K17” held in APSIT and secured 1<sup>st</sup> position in Mini Project and 3<sup>rd</sup> position in Best of Waste on 15<sup>th</sup> and 16<sup>th</sup> September 2017.
- 7) Nisha Francis of SE EXTC participated in Robotron, Technical quiz, Best of waste and Floating Deck competition of “EXALT 2K17” held in APSIT and secured 3<sup>rd</sup> position in Best of Waste on 15<sup>th</sup> and 16<sup>th</sup> September 2017.
- 8) Ruchi Rane of BE EXTC participated in Technical Paper Presentation Competition of “EXALT 2K17” held in APSIT on 15<sup>th</sup> and 16<sup>th</sup> September 2017.
- 9) Pooja Pawar of BE EXTC participated in “Present around the World” competition held by IET (Institute of Engineering and Technology) Mumbai Local Network on 11<sup>th</sup> March 2017.
- 10) Pooja Pawar of BE EXTC participated in “National Level Project Showcase” (VNPS 17) conducted by VCET, Vasai on 7<sup>th</sup> April 2017.
- 11) Ruchi Rane of BE EXTC participated in “Technical Project Presentation” and “Electra-Buzz” events conducted by New Horizon Institute of Technology and management, Thane on 29<sup>th</sup> September 2017.
- 12) Archana Chauhan of BE EXTC participated in “Technical Paper Presentation” conducted by New Horizon Institute of Technology and management, Thane on 29<sup>th</sup> September 2017.
- 13) Archana Chauhan and Nihal Chowkekar of BE EXTC participated in “Tantragyan 2017” for the project titled “Cellphone Dectector” conducted by Lokmanya Tilak College of Engineering, Koparkhairane, Navi Mumbai, on 30<sup>th</sup> March 2017.
- 14) Archana Chauhan, of BE EXTC participated in “National Level Project Showcase” (VNPS 17) conducted by VCET, Vasai on 7<sup>th</sup> April 2017.
- 15) Bhavika Bhanushali, Ankita Jadhav, Jyoti Kale and Twinkle Inamdar of BE EXTC participated in “Tantragyan 2017” for the project titled “Finger Print based Bank Locker System” conducted by Lokmanya Tilak College of Engineering, Koparkhairane, Navi Mumbai, on 30<sup>th</sup> March 2017.

- 16) Bhavika Bhanushali, Ankita Jadhav, Jyoti Kale and Twinkle Inamdar of BE EXTC participated in mini project competition of “EXALT 2K17” held in APSIT on 15<sup>th</sup> and 16<sup>th</sup> September.
- 17) Virendra Bhoir of BE EXTC participated in “National Level Project Showcase” (VNPS 17) conducted by VCET, Vasai on 7th April 2017.
- 18) Nihal Chowkekar of BE EXTC participated in “National Level Project Showcase” (VNPS 17) conducted by VCET, Vasai on 7th April 2017.
- 19) Mayur Waghmare of TE EXTC secured First position in Relay Race in Sports Meet 2017 held in APSIT.
- 20) Pallavi Fadtare and Archana Gajula of SE EXTC participated in Technical quiz competition of “EXALT 2K17” held in APSIT on 15<sup>th</sup> and 16<sup>th</sup> September 2017.

#### **Student Achievements (2018-19)**

1. Previous Examination Result ( BE, TE, SE ) in percent age  
BE: 94.59 , TE : 71.43 I SE : 68.09
2. Placement record of students.  
Out of 39 students of 2018 batch, 22 students secured placement in different reputed companies. And 5 students from 2019 batch got placement in Capgemini, LTI, Hexaware and Wipro
3. Student Achievements Academic (Toppers)  
BE: Ms. Archana Chauhan  
TE: Ms. Sayali Gurav  
SE: Ms. Archana Gajula
4. Student's Achievements in various Project Competitions, Workshops, & Seminars.
  - a) One team cleared qualifying round of eYantra Ideas Competition- 2018, and team members are Shreyas Somani, Ishwar Prajapati, Guruprasad Singh.
  - b) One team reached country level quarterfinals of India Innovation Challenge design contest - 2018, will receive \$ 200 worth funding from Texas Instruments and team members are Yash Dedhiya, Yash Chopra, DeepDarji, and Manish Mishra.
  - c) 26 students from SE, TE and BE participated in DrishTI online Competition conducted by Texas Instrument. Ms. Disha Sharma, Ms. Pranjali Karjawkar and Sayyed Altamash secured 1st, 2nd and 3rd position.
5. Student's Achievements in sports ( intercollegiate/ University level)
6. Student Training Programs/ I.V. organized by various departments. Industrial visit was conducted on 10th August- 2018 to Giant Meter wave Radio Telescope (GMRT), where 32 dish antennas were placed in T shape. Astronomers from all over the world regularly use this telescope to observe many different astronomical objects. There were 29 students and 4 faculties for this visit.
7. Value Added Courses organized by the department
8. C, C++ and Java courses are organized for TE and BE students for preparing them to be industry ready

9. Tie up or MOU of department with various external foundations Tie- up with Cisco – Networking Academy for conducting CCNA Routing & Switching & CCNA IOT Courses for students. Tie- up with Tex as Instruments for setting up innovation lab in APSIT campus, and training students and faculties on Tex as Tools like MSP430 and Tiva C for IoT Applications. Tie- up with IIT Bombay for setting up eYantra Robotics Lab in APSIT campus, students will be introduced and trained on FireBird and Spark Robotics platform.

#### **Faculty Achievements (2017-18)**

1. Prof. Sameer Nanivadekar, Prof. S.L. Shelgaonkar and Prof. S. B. Sawargave have completed their Ph.D.
2. Prof. Sameer Nanivadekar has published a research paper on “Betterment of resource allocation in OFDM based cognitive radio with weightage based dynamic group search optimization” in IEEE explore on February 2017.
3. Prof. Sameer Nanivadekar has published a research paper on “Review of metaheuristic algorithm for cognitive radio” in international journal IJCESR approved by UGC on July 2017.
4. Prof. Shelgaonkar has published a research paper on “Scope for Improvement in Quality of Diagnostic Images for pelvic region” in International Journal of Modern Trends in Engineering and Research.
5. Prof. S. B. Sawargave has submitted a research paper on “Self-Adaptive Whale Optimization for design and modeling of Boiler plant” which is under review.
6. Prof. M. P. Kurvey has submitted a research paper on “RF Energy Harvesting System” which is selected for an IEEE Conference which will be conducted by Universal College of Engineering.
7. Prof. M. P. Kurvey has submitted a research paper on “Design and Optimization of Stepped Rectangular Antenna for RF Energy Harvesting” which is selected for an IEEE Conference which will be conducted by Sardar Patel Institute of Technology.

#### **Faculty Achievements (2018-19)**

1. Prof. M. P. Kurvey has filed the patent on "Antenna for R F energy harvesting"
2. Prof. Jay Mehta Successfully completed CCNA Routing & Switching Course
3. Research Papers Published by Faculty  
Prof. M. P. Kurvey has published paper in Springer journal on "R F energy harvesting"
4. Participation of faculty in STTP/Workshop/Conference/Seminar  
Prof. M. P. Kurvey and Prof. M. M. Samant attended one week AICTE-ISTE approved STTP on IOT: Fundamentals and recent advances with practical approach.
5. Prof. J. S. Mehta, Prof. S. V. Furtado and Prof. Sonal Jain attended two days introductory workshop on Robotics in IIT Bombay.
6. Prof. S. V. Furtado, Prof. Sonal Jain and Prof. M. C. Pawaskar attended Task based Training on eYantra robotics Lab set up and secured grade A, cash prize of Rs. 8000 and two firebird 5 robots.
7. Faculty Development Programs/Workshop/ organized by Department in APSIT  
Texas Instruments had conducted Faculty Development Programs on MSP430 and TIVA-C platform.
8. Dr. S. L. Shelgaonkar completed a 4 week NPTEL certification course on Teaching & Learning in Engineering

9. Ms. Sonia Aneesh and Mr. A.C. Hardas completed a 12-week NPTEL certification course on Joy of Computing using Python.
10. Ms. Sonia Aneesh, Mr. J. S. Mehta, Mr. S. V. Furtado and Ms. Priti Farkade completed a 4week NPTEL certification course on Effective Engineering Teaching in Practice.
11. Mr. Mahesh Pawaskar completed a 12-week NPTEL certification course on Embedded System Design with ARM