



# BHARATI VIDYAPEETH'S JAWAHARLAL NEHRU INSTITUTE OF TECHNOLOGY PUNE-411043

---

## REPORT TECHNO INNOVA 2016

17<sup>th</sup> National Level Paper Presentation competitions for polytechnic students **Techno-Innova2016** along with the other competitions namely C-Challenge, Gaming Zone, Vishwakarma, Tantragya, Robonova and Bhurjapatra were organized in Bharati Vidyapeeth's Jawaharlal Nehru Institute of Technology, Pune on 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> of February 2016. About 90 technical papers in seven sections namely Civil Engineering, Chemical Engineering, Industrial Electronics, Electrical Engineering, Computer & Information Technology, Mechanical Engineering & Production Engineering were presented during the competitions. More than 300 participants had enrolled for the different competitions.

**C-Challenge** is a competition where the participants will undergo three levels.

- i) Aptitude
- ii) Write programs for the given problem and situation
- iii) Interview.

**Gaming zone** tests the gaming skills, observation and control on the Keyboard, mouse and monitor, of the participants.

**Vishwakarma** is a structural model making competition where the participants will make the models as per given specifications with the materials provided. Model having minimum weight and carrying maximum load will be awarded with the prize.

**Tantragya** is an Auto Cad drawing competition where the participants will draw the given drawings in minimum time without any errors.

In **Robonova**, participants will run their robots on the difficult tracks provided.

In **Bhurjapatra**, the participants will present the topics in the Poster form and display in front of jury and the best will win the competition.

From this year **Pre-Event Workshops** were conducted on **5 topics** in latest technology on **9<sup>th</sup> and 10<sup>th</sup> of Feb 2016**. More than 200 students participated in these workshops.

The topics for the workshop were

- i. **NDT:** Various methods like magnetic testing and ultrasonic testing were covered.
- ii. **Cyber Security:** Awareness about the cyber crimes and the precautions to be taken while forwarding the social media like messages, Video etc
- iii. **Android App:** Installing the android app, Learning the apps and how to upload in play store
- iv. **SCADA:** Fundamentals and definition of terms, Comparison of SCADA and PLC systems, and DCS, Components of a SCADA control system, Software - design of SCADA packages, Configuration of SCADA control systems
- v. **Matlab:** Installing Matlab and programming. Creating the graphs like sine wave, RLL, Simulators.

This mega event had received overwhelming response from the students of the different polytechnics from the nooks and corners of Maharashtra and some of the participants were from the State of Karnataka.

The inauguration of the competitions was held on 10<sup>th</sup> of February 2016 in the Auditorium of Bharati Vidyapeeth's Educational Complex, Dhankwadi at 10.00 am.

**Dr. Patangraoji Kadam**, Founder, Bharati Vidyapeeth presided over the function. **Mr. Hussain Sharriyarr**, Senior Vice president, Godrej & Boyce Manufacturing Co. Ltd was the Chief Guest .and **Mr Ashok Durve**, M.D. Size Control Gauges and tools Pvt Ltd and **Dr. V. R. Mankar** Dy. Sec. MSBTE, Pune Region were the Guests of honor. The annual magazine "**ANTARNAAD**" was released on the occasion.

The prize distribution ceremony was on 12<sup>th</sup> February 2016. The guests for this ceremony were **Mr. Mandar Vinze**, Director, VinzeMagnafield Controls Pvt Ltd, **Mr. Nitin Darode**, Director Technical and Construction, Darode-Jog Properties and **Mr. Naam Moryani**, Director, Baba Infotech Pvt Ltd. Total prizes worth 1,17,000/- and 64 trophies were awarded to the winners of different competitions.

The list of the winners of various competitions is as follows.