

TECHNOFEST – 2K15

(ORGANIZED BY IQAC)

The Internal Quality Assurance Cell of the College organized a National Level Student Techno Fest with the objective to provide platform for the students to think innovatively, develop thoughts from the basic principles of engineering, implement and exhibit the various prototypes which are useful to the society with a competitive spirit. It had a successful inaugural on 27th February 2015 at the hands of the Chief Guest Sri J.A.Chowdary, Chairman, Talent Sprint Pvt. Ltd., MITS Technology. Mr. Jakkampudi Adisheshaiah Chowdary has been associated with Information Technology for well over two decades now. JA, as he is popularly known, is often considered one of the chief architects of the Information Technology industry in India. Mr. Chowdary is credited with developing the IT industry in the states of Karnataka, Andhra Pradesh and Tamil Nadu in his capacity as the founding Director of STPI Bangalore, Hyderabad and Chennai. He was one of the prime movers in establishing the IT industry in Hyderabad and Vizag. He is one of the key architects of Hi-Tech City & Cyberabad in Hyderabad and also played a major role in founding the IIIT at Hyderabad. As a member of the IT Task Force set up by the then Chief Minister of A.P for implementing IT for the government, Mr. Chowdary ensured a healthy growth of the industry in the state.

Sri N.Venkateswarlu, President, SAGTE , Sri N.Vinay Kumar , Member SAGTE , Principal of PVP Siddhartha Institute of Technology Dr. S.V.M. Bhuvaniaka Rao graced the occasion. Techno Fest-2K15 is a two day event and provided an excellent unique initiative to engage the youth of the country to prowess in advanced techniques useful to the development of smart cities.

The platform witnessed the participation of a very large number of young, talented and enthusiastic students in various events from various colleges all around the country like VIT , Amritha Sai , URCE , Nova College Of Engineering And Technology, MIC , MVRSEC , C.R Reddy Engineering college, Lingayas Institute of Management and Technology , Vikas Engg. College, Sri Vasavi Inst. Of Engg. &Tech., SRKIT , KLU Dhanekula Institute of Technology, Guddlavalleru Engineering College , Usha Rama V.K.R, V.N.B & A.G.K Of College , N.R.I.T , D.I.E.T , VITW , Shri Vishnu engineering college for women, Vignan's Lara Institute Of Science & Technology , Eluru College Of Engineering , Acharya Nagarjuna University etc to exhibit their ideas to foster the new technologies in the country.

Competitions were held in 14 events like Smart Challenge , Socio Technological Poster Presentation , Tech Expo , Technical Quiz , Technical Jam , Cad Contest , Intellectual coding , Technical Detective , AOE Android Open Source Embedded systems Contest in all branches of Engineering and MCA. Young Manager, Business Quiz Market Makers , Stock Market Simulation were organized by MBA department. While General Quiz and Elocution contests were organized by the department of Freshmen Engineering.

Nearly 650 students participated on the first day and 850 participated on the second day from 42 engineering colleges across the country. 151 Technical Models were displayed in the Tech Expo. Models of Solar Cycle, Sustainable City, London Bridge attracted the attention of the audience. 66 teams participated in the General Quiz and 6 teams reached the finals. 110 students participated in MBA related events. Nearly 200 innovative ideas were acknowledged for establishing smart cities in the country.

The winners were encouraged with a cash prizes. The 1st, 2nd prize winners were given cash prizes of Rs 1000/- and Rs 500/- respectively. The 3rd prize winner were given a Merit certificate. All the participants were encouraged with participation certificates. The Technofest 2k15 had a remarkable coverage by many leading dailies in the country like Enadu , Andhra jyothi , Andhra Prabha , Hindu , Sakhi etc.

EVENTS AT TECHNO FEST

SMART CHALLENGE

It provided an opportunity for

- a. Presenting innovative thoughts with a vision for developing a new technologically integrated, energy efficient eco-green smart cities.
- b. Generating solutions for eco-green, pollution free earth for improving sustainable living through creating/modified existing technology in the devices.
- c. Presenting innovative, energy efficient and cost efficient solutions through creating/modifying existing technology.

Technical papers including abstract in various topics like Computer Networking , Grid Computing , Cloud Computing and Applications, Information Security and Management, Social Networks, Steganography and Digital Watermarking, Web Services, Green

Computing, Data mining and Data Warehousing, Bio Informatics, Image Processing, Advanced flight technology, Aeronautical satellite communications, Max launch abort systems, Improvement and Implementation of Aerospace testing technology, Gas-generator cycle (rocket) ,Re-Entry Of Space Vehicle etc are invited. Limited to a maximum of two authors an abstract (in a word document) for not more than 300 words before the due date is obtained through mail and based on the review of the abstract by the subject experts, few papers are selected for presentation. Nearly 200 paper presentations are obtained from various colleges.

SOCIO TECHNOLOGICAL POSTER PRESENTATION

The socio technological poster presentation is a graphically based approach to presenting research. During the Techno fest nearly 100 practical applications of science and engineering technology for solving complex problems in the society are obtained from various colleges.

TECHNICAL QUIZ

It had various rounds like Screening Round , Lap , Audio-visual , Picture Identify, Rapid Fire round for testing the technical skills.

TECH-EXPO

It is an opportunity to exhibit the abundant reservoir of talent and creativity of various innovative working models. A working model to explain a concept, principle or a process are invited. In order to simulate creativity , inventiveness' and the attitude for innovation in Engineering science and Technology , we emphasize on activities , experiements and technological working models in all branches and non working models in Civil Engineering , Mechanical Engineering branches.

TECH-JAM

The challenge is to speak for one minute on a given subject without “repetition, hesitation, or deviation“. A topic can be selected by the participant through the lottery system. Three minutes are given to prepare and plan accordingly in order to present their ideas in an effectual and attractive manner. The participant are given one minute by the moderator to speak only in English on the topic.

STOCK MARKET SIMULATION

Stock market has always fascinated the interests of many. It challenges the participants with a Two-round comprehensive pattern that tests their ability to understand the basics of investment terminology and trading strategies. First round consisted of a written test to measure the knowledge of participants in investment terminology, Derivatives and Portfolio. Final round consisted of an online simulation trading game

INTELLECTUAL –CODING

The event aims for innovative thoughts with new discoveries through simple code in various programming languages

AOE –SMART IDEATE

Different conceptual and working models explaining the innovative discoveries and inventions are received in the event.

ELLOCUTION

The topic for elocution is intimated to all registered contestants on the day of the event at the venue. Maximum time limit is 3 minutes for each contestant.

GENERAL QUIZ

The quiz covered many topics like world of current affairs, general knowledge, sports, Business Issues, etc. A written test is also conducted in the preliminary round to filter a few groups and for the final round a few groups are selected. A huge response is witnessed for this event from different colleges.

YOUNG MANAGER

This event provided an opportunity to extend the organisational skills and decision making skills in the participants. This is a management game wherein the participant will be closely judged for various parameters of leadership, group behaviour, knowledge and general skill required for manager. A preliminary round consisted of written test/Group discussion and the final round consisted of stress interview

MARKET MAKERS

This event tested the skill of individual in developing marketing plan. The participant showcased his teamwork skills in an organized manner with effective handling of spot situations. Preliminary round consisted of a written test and the selected teams are in the final rounds.

TECH DETECTIVE

This game provided some entertainment to the participants. The team members searched for the treasure by using some clues. The event had two rounds.

Students of PVPSIT actively participated in organizing various events to bring a great success to Techno Fest. We feel proud to organize such a successful event in the college and would like to convey thanks to the Management , Principal and Vice Principal for their timely advice and cooperation.

The event was coordinated by Dr.S.Madhavi, Professor in CSE Department.