

Bharatiyam 2016

Bharatiyam is akin to honorable Prime Minister's Startup India - said Dr Omkar Rai Director General, Software Technology Parks of India (STPI) under Ministry of Communication and IT, Govt. of India, Director on the Board of Directors of MTNL-STPI IT Services Limited, National Internet Exchange of India (NIXI) and Haryana State Electronics Development Corporation Limited (HARTRON). He was speaking at the inaugural function of Bharatiyam 2016 - a two day national level technical festival organized by Bharati Vidyapeeth University College of Engineering, Pune. The Inaugural Ceremony on 19th February, 2016 witnessed the distinguished presence of Chief Guest Dr. Omkar Rai, Guest of Honour Mr. Ajit Hardikar, Associate Vice President, Corporate Manufacturing Engineering and Projects at Kirloskar Oil Engines Ltd, Chair Person Dr. S. F. Patil, Executive Director, Research and International Affairs, Bharati Vidyapeeth University (BVU), Mr. Sanjay Kumar Gupta, Director, STPI, Pune, Dr. M. S. Sagare, Joint Secretary, BVU, Dr. M. S. Prasad, Director, ICT, BVU, Chairman of Bharatiyam 2016 Dr. Anand Bhalerao, Principal and Dean, BVUCOE, Pune and Prof Sandeep Vanjale, In-charge, Bharatiyam 2016.

In his speech Dr. Omkar Rai said that as India is embracing culture of innovation and entrepreneurship so graduates need to enhance innovative thinking out of the box and beyond boundaries. He said what the nation needs today is job creators rather than job seekers. We need to create the ecosystem and regulated environment for ease of entrepreneurship. . He further added that India is already the undisputed leader in outsourcing business but lags in product creation. He said that every direct job in IT will create 3 indirect jobs. Hence we need to concentrate on production in IT and electronics sector. Explaining the kind of future in IT and electronics he said if we are able to manufacture 300 million dollar worth electronics goods in India then we can create 228 million jobs in the country itself and we would no more require to go abroad in search of jobs. He said that even if we produce engineers and train them well we do not have enough number of jobs. For this it is important that young engineers create jobs rather than seek job. Today the statistics are that every year we have 8 to 9 lakhs of Computer and IT engineers but only 4 Lakh jobs. The gap of 5 Lakh jobs needs to filled by start-ups. STPI started when the government dared to dream that India will develop in IT field. The development can be seen from contribution of IT sector in GDP raise from 1.2% in 90s to 9.5% in 2014-15. Also IT contributes to 25% of total India's exports, employs 3.5 million engineers and creates 3.5 Lakh jobs every year. The exports in IT domain have also increased from 500 million dollars in 90s to 98.5 billion dollars in 2014-15. He said that India has also moved up in the value chain as we are home to most R&D and innovation. This can be seen that India has 800+ start ups in year 2014-15 alone. In order to create such job creators it is imperative that Universities, Centre of Excellence, Learning institutes enhance idea of competitive and innovative thinking, creativity and challenge students to dare to think. This is exactly what institutes like BVUCOE are doing

through forums like Bharatiyam. He concluded his speech by saying that he calls upon all graduates and teachers to create such forums across the country and it would be a great service to the nation.

Prof. Dr. Anand Bhalerao, Principal BVUCOE, and Chairman of Bharatiyam 2015, presented his introductory speech in which he informed about the glorious tradition of Bharati Vidyapeeth University and the various noteworthy rankings and accreditations credited to University and BVUCOE for its quality education. He said that in early 90s when there was no common dias for students to present technical abilities and creativities. At that time BVUCOE was the first engineering college to introduce the concept of techfests. And it's this vision that BVUCOE is seeing today 27th Bharatiyam. Such continuous innovative practices in the teaching-learning process has led BVUCOE to rank 3rd in the private T-schools as per survey by Data quest and 36th T-school as per survey by Times of India.

Process, quality and customer orientation is the key focus of today's industry- said Mr. Ajit Hardikar Associate Vice President, Corporate Manufacturing Engineering and Projects at Kirloskar Oil Engines Ltd. He was speaking on this occasion as Guest of Honor. He shared his view on how academicians play an important role in bridging the gap between teaching and industries. He said that today's most important requirement is skill development. He said that everyone seeks a white collar job but no one seeks a blue collar job. He said that it's the blue collar jobs in fact that enhance the learning curve and bring out creativity and out of box thinking. He said that this gap can also be minimized at the teaching phase if universities of institutes can depute their teachers at industries frequently for exposure to industry and increase the logical interaction and problem solving. He suggested the students gathering that instead of starting careers as a small person in a big pool of MNC, they should start working with their own hands at production level. Instead of taking pride in their job as a person, they should try to contribute some value addition to the industry. He concluded his speech saying that instead of doing projects or trainings as a part of academics they should undergo it thoroughly as a learning curve.

The Chairperson of the inaugural function Dr. S. F. Patil, Executive Director, Research and International Affairs, Bharati Vidyapeeth University (BVU), Former Vice chancellor BVU and North Maharashtra University also stressed on industry academia collaboration in his speech. He said that BVUCOE has showcased the inherent talent, creativity and innovation in budding engineers from years together. He said that forum like Bharatiyam takes innovation and creativity in young engineers one step ahead and supports the "startup India". He also supported Mr. Ajit Hardikar's views on creating industry university collaboration. He said that colleges need to go beyond publications. They should convert these publications to patents and incubation centers. If young and senior people come together in a symbiotic relation then it would work wonder in education and industry he said. He concluded saying that India is 3rd largest in

manpower but 10th in production. This rank would go up if and only if we dare to think innovative and creative and Bharatiyam with its tagline “dare to dream” is one such platform for doing so he said.

“Genre”, the annual magazine of BVUCOE was also inaugurated by the hands of Chief guest on this occasion. Newsletter “Zero day”, which is a newsletter for the Network security course run by joint collaboration of IQSPL and BVUCOE was also inaugurated by Guest of Honor. The Chief Guest also felicitated top rank holder students of the college.

The vote of thanks was presented by Prof. S. B. Vanjale, in charge, Bharatiyam 2014. The inauguration ceremony then concluded with the National Anthem. The Chief guest and Guest of Honor then moved on to inaugurate the fascinating auto expo and various other technical events organized in every department the college

Organized by **Computer Engineering Department** "Exordium" was a technical quiz placing emphasis on technical skills. Out of 158 participants Prasad and Kunal of PICT won 1st prize of Rs 3000, Smriti and Rotesch of BVUCOE won 2nd prize of Rs 2000. Computer Department also organized a designing competition "PIXEL" for everyone with a bent for creativity.

Proyecto and Technozion were events by **Department of Information Technology**. Proyecto was a Project presentation which brings out hidden skills and imagination to initiate a technical revolution. Out of total 138 participants projects 1st prize winner of Rs 3000 was Ameya Kardile and 2nd prize winner of Rs 2000 was Tejas Oak for their projects on robot oil spill controlling and robot rocket engine respectively. Technozion was a technical skill testing event where 123 students tested their fundamental Computing skills. Out of which the 1st and 2nd winners were Manoj Upadhyay and Karan Lashkare respectively for prize of Rs 3000 and Rs. 2000 respectively.

Civil Engineering Department organized Event Rock The Block based on the study and knowledge of stability and static equilibrium conditions and bring out the creativity of Civil Engineers. Out of 142 participants Aman Khan of BVUCOE won 1st prize of Rs 2000 and Prashant Mishra of BVUCOE won 2nd prize of Rs. 1500. They also organized in "Battle Field", a game to show smartness of using different equipment available to challenge 118 opponents. Tarun Verma of BVUCOE won 1st prize of Rs 2000 and Gopal Tibrewal of BVUCOE won 2nd prize of Rs. 1500.

Electrical Engineering Department's PaperToss was a presentation competition where 134 designs based on energy efficient modules to curb the potential problems of India, were presented. 1st prize of Rs 3000 was won by Nidhi Kandpal of BVUCOE, 2nd Prize won by Mahesh and Sachin of Zeal COE and Mansi, Akansha, Isha of PICT won the 3rd prize of Rs. 1000. “Battle of Brains”, a quiz competition on multidisciplinary topics had 127 participants out of which Shivam Pandey and Ankur Prakash of BVUCOE won 1st prize of Rs 3000, Mayank and Kamal of BVUCOE won 2nd prize of Rs. 2000 and 3rd prize of Rs 1000 was won by Rishabh and Shubham of BVUCOE.

Chemical Engineering Department had organized “CHEM QUIZ”, a quiz based on topics related to basic concepts of engineering which had 130 participants. Amulya Ambast of BVUCOE for women won 1st prize of Rs 2000 and Alok Sahu of BVUCOE won 2nd Prize of 1500. Also “COLLOQUIUM” had 117 paper presentations on recent topics from chemical engineering. 1st prize of Rs. 2000 was won by Chandresh Pednekar from SCOE and 2nd prize of Rs 1500 was won by Kashinath Ahankare from MIT academy of Engg, Alandi.

Electronics Engineering organized "Light the lamp" in which 104 participants had to light the LED with minimum wires. 1st prize of Rs 3000 was won by Ashutosh Tiwari of BVUCOE, 2nd prize of Rs 2000 by Rahul of BVUCOE and 3rd prize of Rs. 1000 by Sumit Pandey of JSPM. The department also organized “snake power”, the event whose excitement gave goose bumps & tested the brain and situational skills of 131 participants. 1st prize of Rs 3000 was won by Kumar Karan of BV Jawaharlal Nehru Institute of Technology, 2nd prize of Rs 2000 by Gopal of BVUCOE.

E&TC Engineering Department had organized “BEAT THE CLOCK” where 137 students were tested on typing speed, technical knowledge and coordination with team mate to guess the secret word. 1st prize of Rs. 3000 was won by Ashutosh and Priyanka of BVUCOE and 2nd prize of Rs 2000 was won by Archit and Ayan of BVUCOE. E&TC Department also organized “ELEC-TRADE” where 125 students were asked questions regarding technical and management field. Abhishek Garg and Deepak of BVUCOE won 1st prize of Rs 3000, Arun Verma and Vivek Kumar of BVUCOE won 2nd Prize of Rs 2000 and Nikhil and Chairag of BVUCOE won 3rd prize of Rs 1000.

Production Engineering Department organized an event to check caliber at a mechanism designing contest "RING THE BELL" which saw a participation of 120 students. Pranav Shrivastav and Abhay Yadav of BVUCOE won 1st prize of Rs. 3000 and 2nd prize of Rs. 2000 was won by Raees Makandar and bhushan Mali of BV College of Fine Art. Production department also presented maze runner, an event all about speed where 154 students participated. Santosh pawar of Zeal COE won 1st prize of Rs. 3000, Shubham Parashar of BVUCOE won 2nd prize of Rs.2000 and Siddharth Raghuwanshi of BVUCOE won 3rd prize of Rs. 1000.

Mechanical Engineering Department has organized Game of Thrones, where participants built own remote controlled ships which could get to Main Island through obstacle course in water. The department also organized an event based on popular game Need For Speed “Too fast Too furious”- an event on controlling of high speed remote control cars through hurdles and a very innovative track .

Barinstorm organized by Art circle was a debate competition. Out of total 66 participants Ayushi Gupta and Shakeer Jameel of BVUCOE won 1st prize of Rs. 1500, Sarawat Chatterjee and Neethu of Armed Forces Medical College, Pune won 2nd prize of Rs. 1000 and Abhinandan and Tulika won 3rd prize of Rs 500.

Also other exciting events included the soothing Gazal night on 19th Feb, a photo exhibition paying tribute to Honorable Dr. A. P. J. Abdul Kalam, an exhibition of Madhubani paintings, clay modellign workshop, auto expo- an exhibition of super bikes and sports cars, intercollegiate solo and duet singing competitions and group dance competitions.