

BHARATI VIDYAPEETH DEEMED UNIVERSITY

COLLEGE OF ENGINEERING, PUNE-43

Report of ISTE Lecture and TCS Best Project, Student Award

Indian Society for Technical Education Chapter of Bharati Vidyapeeth Deemed University's College Of Engineering had organized a lecture on Wednesday, 10th August 2011. This lecture was delivered by Mr. Kiran Deshpande, General Manager, Research Technology Innovation Center at Thermax Ltd. Pune. Mr. N. C. Gosavi, Senior Associate, TCS, Pune and Ms. Rati Katdare and Mr. Ankur Sinha, members of campus recruitment team, TCS, pune were also present at this occasion. Felicitation of the guest was done through the hands of Principal Prof. Dr. A. R. Bhalerao.



Mr.N.C.Gosavi (Senior Associate,TCS India), Prof. Dr.A.R.Bhalerao (Principal), Mr.Kiran Deshpande (General Manager, R.T.I,C,Thermax Ltd. Pune), Prof.R.W.Jawale (Vice-Principal) on the Dias.



Mr. Kiran Deshpande (General Manager, Research Technology Innovation Center at Thermax Ltd. Pune) Addressing the Engineering Faculty on the Occasion of ISTE Chapter Lecture.



L->R: Ms. Parul Sachdeva (TCS Best Student Award Winner), Mr.N.C.Gosavi (Senior Associate,TCS,India), Prof.Dr.A.R.Bhalerao (Principal), Mr.Kiran Deshpande (General Manager, Research Technology Innovation Center at Thermax Ltd. Pune)

Summary:

On this occasion the speaker addressed all the faculty members of this institute on the subject “Driving Innovation through Industry Academia Collaboration”. In his address he focused on the objective, purpose and process of innovation and how collaboration between corporate and academia would boost the process. He said that purpose of innovation is moving from a decentralized unstructured and non collaborative state to unified structured and collaborative state. These innovations can be either business driven or innovation driven business, he mentioned. 80% of the innovations are incremental improvements and only a very few ones are quantum jumps. To explain this he explained three models of innovation.

The first model given by him was the business driven innovation or the product development model which is the case with normally the case in established industries where a group of domain experts work in the field of expertise. The drawbacks of this model being that its shortsighted, limited and expensive. The second model he stated was the innovation driven business which is a broad visionary model and results into quantum jump and can result into a totally new business. The drawback of the model being resource requirements and it's away from business and takes longtime to market. The third model he put forth was the collaborative innovation model which is a combination of the previous two. He elaborated it explaining that it can be achieved by assigning a fixed percentage of corporate R&D funds assigned for academia for research and a fixed percentage of resources in academia allocated to industries. The model has no drawbacks and can be called as a win-win model he said. In case for deliverables of such collaborative innovation for academia would be responsibility to development as per milestone for business driven and innovation driven projects whereas for corporate would be responsibility for product development pipeline and business from the same.

Summarizing his lecture he mentioned that Thermax has been in collaborative experience since 2008 and till date has completed 44 collaborative projects. It is in collaboration with institutes like IIT and National Labs, IOCL/ EIL/ OIL/ GE from India, DST labs, IGCAR, Tarragona University Spain, South Florida University, USA, and many more reputed foreign and Indian universities. He also explained the proposed collaborative innovation platform. He ended his lecture by speaking out his hopes for such collaborative innovation with Bharati Vidyapeeth University's College of Engineering and Thermax.

After this lecture, Mr. N. C. Gosavi felicitated the students of Bharati Vidyapeeth Deemed University's College of Engineering for winning the best student (Ms. Parul Sachdeva) and best project team (Mr. Rahul Bajpai, Mr. Ravish Chauhan, Mr. Shantanu Sharma) award of TCS.