



PSG INSTITUTE OF TECHNOLOGY AND APPLIED RESEARCH

Industry Academia Conclave-2017

Industry Academia Conclave-2017 – Civil Engineering

“Industry-Academia-Conclave 2017” was hosted by PSG Institute of Technology and Applied Research on 10th and 11th of March 2017, for the second consecutive year which created a platform for both the students as well as faculty members to be aware of industry developments and expectations of skill sets required for students. The Conclave was inaugurated by Padma Bhushan Dr.Sivathanu Pillai, Founder, CEO & MD, Brahmos Aerospace, New Delhi. The Department of Civil Engineering had arranged Guest Lectures by inviting eminent personalities from various industries.

The First session of the Conclave was kick started with a mind boggling lecture by Er. P. Suryaprakash, Director, Satyavani Projects & Consultants Pvt.Ltd, Hyderabad. The underlying challenges and opportunities in the construction industry was very well brought into limelight and the internship offers by his company were also put forward. The second session was taken over by Er.V.Dineshkumar, Director, Hansem Building Solutions, Coimbatore.

The second day of the conclave began with a lecture by Dr.L.S.Jayagopal, Director, Mithran Structures Pvt.Ltd, Coimbatore on the design aspects of modern steel structures. The subsequent sessions were handled by Er.V.Paneerselvam, Managing Director, VPS builders, Chennai who has discussed the role of high rise buildings and Mr.Dinesh Kumar, Technical Manager, Teemage Precast In, Tiruppur in which the potential growth of precast constructions were emphasized.

The final session was handled by Mr.J.Venkatesh, Head-Water Management, L&T, Chennai in which he briefed about the necessity and methods of water conservation which was the need of the hour. The Conclave came to an end with the release of “Scripture” a newsletter by the Department of Civil Engineering.

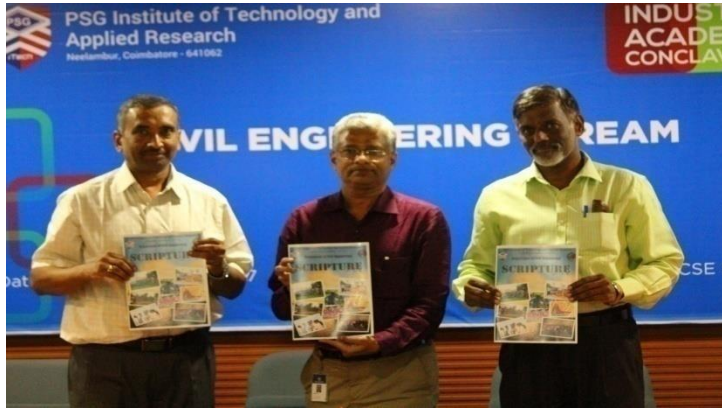


Fig 14: Release of Scripture by Er. J.Venkatesh, L&T, Chennai on Industry Academia Conclave-2017 held on 10th March 2017

Industry Academia Conclave - 2017- CSE, EEE & ECE

The first session was handled by Dr. Ganesh Kumar Ponnuswamy, Software Architect, Infence Technologies Pvt. Ltd., Coimbatore. He related the elements of nature to the sensory skills of a person. He focused on the need to use our skills efficiently and discussed how to improve the programming abilities.

On 11th March 2017, Mr. Madhan Karthikeyan, Senior Project Manager, Infosys, Chennai discussed the importance of automation in all processes. He also highlighted the opportunities in Cloud Computing. Mr. Saravanan Velrajan, Delivery Head, Verizon India, Chennai discussed the Internet of things, Digital architecture, and the role of Digital transformation. He advised students to concentrate in learning concepts and emerge as successful graduates.

In the afternoon session, Mr. N. R. Ramesh, General Manager, Wipro Technologies, Bangalore, detailed about the technology stack for digital storage architecture. He also discussed the developments in embedded systems. Dr. R. Chitra, CEO & Director, Delving Research and Development Pvt. Ltd., Coimbatore, discussed methods used in transmission and distribution of power, smart grids, simple steps to be followed by individuals to minimize losses in transmission, and the importance of energy conservation. She urged students to take up research work pertaining to practical problems related to transmission losses.



Fig 15: PSG iTech students presenting the memento to the chief guest Dr A Sivathanupillai, MD, BrahMos Aero Space on the occasion of inauguration of Industry Academia Conclave – 2017 held on 10th March 2017.

Industry Academia Conclave- 2017- Mechanical

The conclave started with a very interesting technical talk by Mr. Srinivasan Velusamy (Sr. Engineering Manager, GM Technical Center India Pvt Ltd, Bangalore) on the topic ‘Automotive active and passive safety systems’. He briefed the audience about the design and importance of various safety systems in automobiles. The second session was handled by Mr. C Raghu (Vice President - Operations, ELGI ULTRA Industries Pvt. Ltd.). He stressed on the importance of bridging industry -academia gap and highlighted the importance of students going for internships. He also discussed on the industry expectations from a new graduate.

The next session was taken over by Mr. Alphonse (Former Group Manager – Employee Relations, Titan Industries Ltd, Hosur), and he stressed on the importance of bridging industry - academia gap. He highlighted the importance of students doing good projects along with academics. Discussions about the key skills expected from the new graduate, importance of communication skills, importance of attitude etc., took place. Mr. K P M Muthukumaran (CEO, KPM Plasto Rubber Co.) motivated the students towards Entrepreneurship. He also discussed how the growth curve of start-up is different from growth as employees of a company. Mr. P Thangavel (Senior Manager (Design) & Project Manager (UAV) AR&DC, HAL) discussed the basics of technical aspects of how aircraft is able to develop power and propel and also he focused on Technical aspects of aircraft propulsion.

During the last session, Mr. D Eregamani (AGM & HEAD-TQM, MURUGAPPA GROUP, HOSUR) discussed about emerging technologies like smart manufacturing. He stressed on the importance of development of skills required by industry and also the importance of student attitude.

He also discussed about the importance of new start-up initiatives from students and the role of industry in encouraging such initiatives.



Fig 16: Mr. Srinivasan Velusamy, Sr. Engineering Manager, GM Technical Center India Pvt Ltd, Bengaluru th addressing the students during Industry Academia Conclave held on 10 March 2017