

Industry Academia Conclave - 2016

Industry Academia Conclave-Department of Civil Engineering

PSG Institute of Technology and Applied Research, a bud from the gigantic tree, PSG Institutions, is slowly but steadily blossoming with a unique purpose and fragrance of its own. Among other programmes organized regularly to make inroads into the mainstream of Industry – Institute, the college has been steadfastly focusing on academics and has set its firm steps to bridge the gap between institute and industry. As part of the efforts to introduce industry experience to the students and for a strong corporate-institute link, the college opened its doors in the form of a conclave - Industry Academia Conclave, was organized on 20th February 2016. The Civil department invited expert speakers from the construction field. The conclave began with Prof R. Ramesh, HoD Civil, welcoming the staff and students, and he briefed on the importance of organizing Industry Academia Conclave.



Dr.R Ramesh, HoD, Civil Engg. Er.G.Srinivasan, Managing Director, Srinivasan Associates Pvt Ltd, P.Muruganandan faculty, Civil Engg. & Ms K.Monisha, Mr G Purushothaman, II yr Civil Engg on the dias during the inauguration of the conclave in the Civil Engg dept.

The first session commenced with Er.G.Srinivasan, Managing Director, Srinivasan Associates Pvt Ltd, congratulating the students for choosing civil engineering as their career. He welcomed the students with the good news that 12% of total employable persons in India are from the construction field. He presented some facts about the government and private investments in various projects. Er.G.Srinivasan outlined the qualities that the companies expect from their potential employees. He stressed on the importance of good communication skills, the right attitude and young people with research bent of mind.

In the second session, Er.J.Udayanand Director, Niketa Constructions addressed the students. He pointed out the challenges in the construction industry and touched upon issues related to human resources. He also motivated the students to become entrepreneurs and urged them to acquire knowledge in various fields like plumbing, electric, interior and so on; as such services are inter-linked in the construction industry.

The third session welcomed Er.Arun Kumar, MD, Metis Structure, Coimbatore, as the speaker. Er.Arun Kumar's focus was on drawing students' attention to the importance of applying theoretical knowledge to real work. The gap between theory and real time work experience can be bridged if students undertake site visits and observe and gain practical experience.

Industry Academia Conclave -Department of Mechanical Engineering

Industry Academia Conclave 2016 for the Mechanical Stream was held on 20th February 2016 (Saturday) at E4 Seminar Hall, PSGiTech. Dr. N Saravanakumar (HoD, Dept. of Mechanical Engineering) addressed the gathering and pointed out the necessity to interact with industries to understand their expectations and requirements of a fresh graduate.

The resource person for the first session was Mr. Anandkumar, Director-Sales, Caterpillar. He talked about the various fields to which the company caterpillar is offering their services. He gave a presentation about the overview of the company, their products, and about their Chennai facility. He insisted to the students about the importance of studying the mechanical engineering subjects and to specialize in an area or two which will give the students an edge over the others. He emphasized on the qualities of engineers and the transformation process from academics to industry.



Dr G Chandramohan, Vice Principal Presenting Memento to Mr Anandkumar, Director-Sales, Caterpillar



Dr M Raju, Deputy General Manager, Welding Research Institute BHEL, Trichy addressing the Students About Welding

The second session commenced with Dr N. Raju, Deputy General Manager, Welding Research Institute BHEL, Trichy addressing the gathering on welding technology. He is closely associated with marketing consultancy, research and training activities of WRI, BHEL. He presented an over view about the different welding processes and the importance of distortion measurement/control after welding process. He advised the students to form a welding chapter by the students of PSGiTech for conducting courses and workshops in collaboration with BHEL.

The third session was by Mr. R. Vijaykumar Ramalingam, General Manager of Mechanical Engineering in RBEI, Bangalore He introduced



Dr P Manojkumar, Associate Professor, Mechanical Engineering presenting the memento to Mr Vijayakumar, General Manager, Robert Bosch

the Robert Bosch group and the Engineering division activities in Bangalore.

He shortly discussed about the engineering capabilities in India like product design and analysis, NVH research centre. He discussed about the future trends in automated card driving and i4.0 manufacturing system. The automated technologies involve the use of advanced sensors, computation based on real time situation and automated system with enhanced human machine interface to perform the driving/manufacturing process with minimal manual effort.

The last session was by Dr. Nithyandan Devaraj, Plant head-Foundry division, L&T, Coimbatore. He presented an overview about the company L & T and its business, core values of engineering and engineers. He also touched upon lot of socially relevant issues where the mechanical engineers needs to play a big role in solving those issues. He talked about the ample opportunities for the mechanical engineers in the present scenario. He stressed about the importance of scoring good marks as it is the first step for the company to shortlist a candidate. He advised the students to master themselves in their area of interest. He also asked the students to soil their hands and work on the shop floor to learn engineering from the ground.



Dr Nithyanandan Devaraj, Plant Head, L&T addressing the students and faculty

At the end of the conclave, the students got a better picture of activities going on in the industry, what the companies look for when they recruit fresh graduates, opportunities for internship and project in the companies, how to prepare themselves to grab the core job opportunities etc.

Industry Academia Conclave -Department of CSE, ECE and EEE

A thorough interactive session on the recent trends in the field of Software industry, started with five key factors, required in today's IT world. That is: Innovation, collaboration, Quality, Efficiency and Knowledge. The speaker emphasized on the need for being industry-ready engineers to take up real time problems to be solved. Since Digital Transformation is the buzz word today in industry it is important to learn the nuances of automation, Cloud computing, Big data, e commerce etc., Answering to a question on work-life balance, Ms. Karunya, highlighted on the usefulness of yoga and

how it acts a key to strike a balance between the two. Overall, the session proved to be enlightening for the audience who participated actively by way of discussing with the speaker.



Ms. Karunya Sampath, CEO of Payoda Technologies, answering to the questions raised by the students



Mr. Rajkumar, MD, RJN Software, delivering his lecture in the Industry Academia Conclave

The second session started with the speaker Mr. Rajkumar, MD, RJN Software, throwing light on accurate statistics on the expectations of graduates looking forward to get placed in companies. He further spoke on the requirement of adequate domain knowledge which is predominantly the key for product designing. The few key elements with respect to professional excellence are logical aptitude, adaptability, creativity and ability to make use of the knowledge that one has without being constrained by it. On enlightening the audience about the various attributes desired by IT companies in placements, he mentioned a few important criteria based on which candidates are recruited.

The final session by Mr. Paddy Padmanabhan, turned out to be a real entertaining session for the audience. The faculty and the students had a wonderful experience of sitting and listening to him talk on Music 360 degrees. Indeed his lecture proved to be very interesting as he kept on deliberating on the impact of music in engineering. Later, he continued the momentum of his musical lecture by explaining monophonic and polyphonic sounds. He made use of a software with the help of which one can convert textual notes into sound.

Mr. Paddy Padmanabhan, enhanced the mode of his presentation by projecting a few informative videos on music, to the audience. He played a song of his own composition and explained how songs can be composed with the application of software. He concluded his speech, with the message that one has to have a thorough knowledge of everything of a particular domain without even missing an intricate detail.



Mr.Paddy Padmanabhan, Melody Maker, Digital Music Platform delivering his talk on Music 360 Degrees