

EMERGING TRENDS IN CONSTRUCTION & STRUCTURAL DESIGN PRACTICES(ETCSDP-16) WORKSHOP

All the civil engineering M. Tech students from Construction Technology and Management, Structural engineering and many interested students from B. Tech final year from various colleges have participated in the two days national workshop on **19th and 20th December 2016**, in association with **ACCE(I), K.L.UNIVERSITY student chapter**.

Total number of students participated-120.

Workshop organizing secretaries: Mr. Shahabas. S
Ms. K. Prasanthi

Workshop chairmen: Dr. V. Ranga Rao, Ph.D.
Dr.Ch. Hanumantha Rao, Ph.D.

Day-1(19th December,2016)

The function starts with a pleasant atmosphere and a nice prayer song by our students followed by the inauguration of KLU ACCE(I) student chapter by our beloved vice-chancellor, Dr. L.S.S.REDDY and the chairman of Association of Consulting Civil Engineers (India) , Er. K. Siva Rama Prasad.

Er. K. Sivarama Prasad:

Er. K. Sivarama Prasad is the chairman of ACCE(I),Vijayawada chapter. He gave the presentation on “Skills Required for Civil Engineers”. In his presentation he mainly discussed about the various skills required for civil engineers in addition to their technical skills and knowledge on various soft wares like Auto CAD, STAAD.Pro, Primavera. He mainly concentrated on the importance of communication skills. Finally, he concluded his seminar by saying “your communication skills gives more value and worth to the your technical skills”.

Dr.Ch. Hanumantha Rao:

Dr. Ch.Hanumantha Rao is a professor and Dean(Quality) at K L University. He discussed about the various types of new techniques in soil testing and its utilizations. He gave his presentation on geotechnical site investigation techniques. He presented videos of various equipment operating procedures. He concluded his presentation by sharing past experiences with the students.

Dr. G. Apparao:

Dr. G. Apparao, professors at IIT madras educated the students on emerging trends in structural designing in non-seismic zones. He discussed about designing of tall structures where there is no action of seismicity and various failures while designing the building taking considerations of seismic zone.

Er. Yudhistirudu Gaddipati:

Er. Yudhistirudu Gaddipati talked about automation in construction management and structural design. He mainly concentrated on robotics in construction and their developments. The main scope of automation in construction is briefly explained giving examples of problems he faced at his work. He also gave a brief description of primavera and various management scheduling soft wares.



Inauguration of ACCE(I) KLU student chapter



Chief Guest, Mr. Kasi Visweswara Rao (Chief Engineer, CRDA) addressing the gathering



Er. Yudhistirudu Gaddipati addressing the participants



Er. K. Sivarama Prasad addressing the participants



Dr. Ch. Hanumantha Rao addressing the participants



DAY-2 (20th December,2016)

Dr. Subrata Ghoshal:

Dr. Subrata Ghoshal is the professor in Department of Civil Engineering at KL University. He gave presentation on Emerging Trends in Construction Equipment, and showed the various prototypes that he has prepared. He also showed the prototype for which he has received the best design of construction equipment award in European congress. He gave a clear idea on optimum utilization of equipment in construction for economic and eco-friendly usage.

Dr. K. N. Jha:

Dr.K.N.Jha, professors, IIT Delhi gave the presentation on emerging trends in construction management system. He discussed the importance of construction managers in the projects and scope of management students in future. He briefly gave an explanation regarding various types of managements and their working styles and also he discussed about problems and advantages of all the types of management systems. He also concentrated on various management soft wares like primavera and Microsoft project management for the scheduling construction project.

Dr.R.Pradep K umar:

Dr.R.Pradep kumar, professor, IIT Hyderabad created awareness on earthquake resistance buildings and spoke on “emerging trends in structural design in seismic zones”. He showed many pictures regarding failure of buildings due to earthquake and explained how preventive methods have to be adopted in the designing stage of earthquake resistant tall structures. He interacted with the students and answered their doubts and queries.

Er. P. Surya Prakash

Er. P. Surya Prakash is the president of one of the top leading precast company PSI and the managing director of Sree Vani constructions. He mainly concentrated on precast structures, their advantages and dis-advantages. He gave complete information regarding the precast plants, its installation process, economical aspects of plants installation, problems and how to overcome those problems.

Dr.V.Ranga Rao:

Dr.V.Ranga, professor and head of the department of civil engineering, K L University. He gave a presentation on Green Buildings where he discussed about various criteria to be followed while constructing green buildings, certification consulting companies and their process of obtaining the certification and its importance.



Dr.V.Ranga Rao addressing the gathering



Dr. Subrata Ghoshal addressing the gathering



Dr.K.N.Jha addressing the gathering

