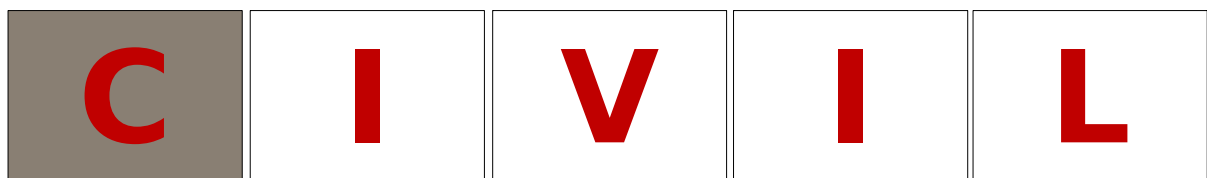


CIVIL QUEST

**Newsletter of the
Department of Civil Engineering**

Edition 12

Period: Jul to Dec 2015



ENGINEERING

VISION OF THE DEPARTMENT

- ◆ To be a leader in developing competent Civil Engineers.

MISSION OF THE DEPARTMENT

- ◆ Build Civil Engineering knowledge in students by implementing novel educational strategies.
- ◆ Develop effective instructional infrastructural resources.
- ◆ Promote interdisciplinary learning.
- ◆ Contribute to the growth of Civil Engineering through community service, consultancy and research.

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◆ PROGRAM EDUCATIONAL OBJECTIVES (PEOs):

- ◆ PEOs (Program Educational Objectives) relate to the career and professional accomplishments of students after they graduate from the program. Consequently, assessment and evaluation of the objectives requires assessment tools that can be applied after graduation.
 - Build knowledge and skill set** required for solving Civil Engineering problems.
 - Create innovative technical ventures** in Civil Engineering.
 - Promote Research and consultancy** activities to solve Real world Civil Engineering problems.

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◆ **PROGRAMME OUTCOMES (POs):**

◆ **Engineering Graduates will be able to:**

◆ Apply mathematics, science and engineering knowledge to complex problems	◆ Identify Problem and analyze complex engineering problems	◆ Design/develop solutions considering public, cultural and environmental factors	◆ Conduct investigations of complex problems to provide valid conclusions.
◆ Use modern engineering and IT tools	◆ Assess societal, health, safety, legal and cultural issues	◆ Understands Environment and sustainable development	◆ Apply and commit to professional ethics
◆ Individual and team work	◆ Communicate effectively	◆ Demonstrate project management skills	◆ Independently apply Life-long learning

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◆ **PROGRAM SPECIFIC OUTCOMES (PSOs)**

- ◆ **PSO-I:** Apply knowledge of mathematics, science and engineering to analyze, design and execute the civil engineering structures for the betterment of the society and the nation.
- ◆ **PSO-II:** Acquire the knowledge about various techniques, skills and modern engineering tools required for the construction of civil engineering structures.

◆ **ACTIVITIES OF THE DEPARTMENT**

◆ **Programs conducted:**

◆ SLNo	◆ Name	◆ Resource Person	◆ Title of the Program	◆ Date of the	◆ Sponsoring Body / Institute
◆ 1	◆ Guest Lecturer	◆ Md.Abdul Basheer, Chief Engineer (Retd.), I&CAD, Govt. of AP, Hyderabad.	◆ Introduction to Irrigation Projects in	◆ 3 rd and 4 th Jul y, 2015	◆ IE Student Chapter ◆ S R Engineering College

◆ 2	◆ Guest Lectur e	◆ Dr. Rajesh Kumar G ◆ Professor, ◆ Department of Civil Engineering, ◆ National Institute of Technology, Warangal, Telangana.	◆ Capabi lities and Oppor tunities in New Cemen t- Based Materi als	◆ 07 th ◆ Jul y, ◆ 201 5	◆ IE Student Chapter ◆ S R Engineer ing College, Ananthas agar, ◆ Warangal
◆ 3	◆ Guest Lectur e	◆ Prof. N. Murali Krishna, ◆ Professor of Civil Engineering, ◆ Dept. of Civil Engineering, ◆ University College of Engineering, ◆ Osmania University, Hyderabad .	◆ Structu ral Analys is of Buildi ngs	◆ 14 th ◆ Au gus t, ◆ 201 5	◆ IE Student Chapter ◆ S R Engineer ing College, Ananthas agar, ◆ Warangal

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◆ Capabilities and Opportunities in New Cement-Based Materials workshop

◆ **PUBLICATIONS / PRESENTATIONS AT NATIONAL AND INTERNATIONAL JOURNALS/CONFERENCES**

◆ **International conference:**

◆ Sravanthi. M (2015). Experiment Analysis of Effect of Silica Fume Ash on Bond strength & Compressive strength. Proceedings of '3- Day International Conference' Organized by University College of Engineering, Osmania University, Hyderabad, India.

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◆ **National conference:**

◆ Goverdhan Reddy. S (2015) "Introductory course on Engineering: A Bridge for the Skill Gap between Academic and Socio-Cultural Events" Proceedings of 'National Seminar on Skilling India-Status Contours and Strategies' Organized by Sri Venkateswara University, Tirupati, India, Scopus Indexed

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◆ **Editorial Board:**

◆ **Chief Editor:** P.Venkat Reddy

◆ **Staff Members:** V. Sruthi & A. Siva Krishna

◆ **Student Members:** Koppu Mounika & Bhukya Rajitha

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