



METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE New Delhi | Affiliated to Osmania University, Hyderabad

Estd : 2008 Address : King Koti Road, Abids, Hyderabad, Telangana, 500001 | Email : principal@methodist.edu.in

DEPARTMENT OF CIVIL ENGINEERING

VISION

To evolve into a centre of excellence for imparting holistic civil engineering education contributing towards sustainable development of the society.

MISSION

- M1. To impart quality civil engineering education blended with contemporary and interdisciplinary skills.
- M2. To provide enhanced learning facilities and professional collaborations to impart a culture of continuous learning.
- M3. To involve in trainings and activities on communication skills, teamwork, professional ethics, environmental protection and sustainable development.

PROGRAM EDUCATIONAL OBJECTIVES

Within three to five years of graduation, the Civil Engineering B.E. graduates are expected to:

- PEO 1: Engage in planning, analysis, design, construction, operation and maintenance of built environment.
- PEO 2: Apply the knowledge of civil engineering to pursue research or to engage in professional practice.
- PEO 3: Work effectively as individuals and as team members in multidisciplinary projects with organizational and communication skills.
- PEO 4: Demonstrate the spirit of lifelong learning and career enhancement aligned to professional and societal needs.

PROGRAM OUTCOMES

- PO1 Engineering knowledge
- PO2 Problem Analysis
- PO3 Design/development of solutions
- PO4 Conduct investigations of complex problems
- PO5 Modern Tool Usage
- PO6 The engineer and society
- PO7 Environment & sustainability
- PO8 Ethics
- PO9 Individual and Team work
- PO10 Communication
- PO11 Project Management and Finance
- PO12 Life-long Learning

PROGRAM SPECIFIC OUTCOMES

- PSO 1: Investigate properties of traditional and latest construction materials using standard testing methods.
- PSO 2: Use AutoCAD, STAAD Pro, ETABS, Revit Architecture and ANSYS software for computer aided structural analysis and design.
- PSO 3: Describe the principles of sustainable development and green buildings for environmental preservation.

CIVIL TIMES

DEPARTMENT OF CIVIL ENGINEERING



Department Newsletter
March 2019

Editorial Board:

Chief:

Dr. Akshay S.K Naidu,
Professor & Head, CED,
MCET

Editorial Board

Members (Faculty):

Mr. R. Srikanth,
Assistant Professor

Mrs. M. Mary Soujanya,
Assistant Professor

Editorial Board

Members (Students)

Ms Madina Sundus
Mr. G Sree Charith
Mr. M Uday Kumar
Mr. M Anil Kumar
Ms. K.Mounika

In Focus: Stamping concrete increased in popularity in the 1970s when it was first introduced in the World of Concrete. Builders saw it as a new way to satisfy the customer and make their budget work simultaneously. This technique of stamping concrete has been done since at least the 1950s. When stamping concrete first began, there were very few choices of design and colors. However, as the industry grew more stamping patterns were being created along with many different types of stains. Another advantage to using stamped concrete is that it can be applied to many different surfaces and textures, such as driveways, highways, patios, decks, and even floors inside the home. Stamped concrete is concrete that is patterned and/or textured or embossed to resemble brick, slate, flagstone, stone, tile, wood and various other patterns and textures. Stamped concrete is commonly used for patios, sidewalks, driveways, pool decks, and interior flooring. The ability of stamped concrete to resemble other building materials makes stamped concrete a less expensive alternative to using those other authentic materials such as stone, slate or brick.

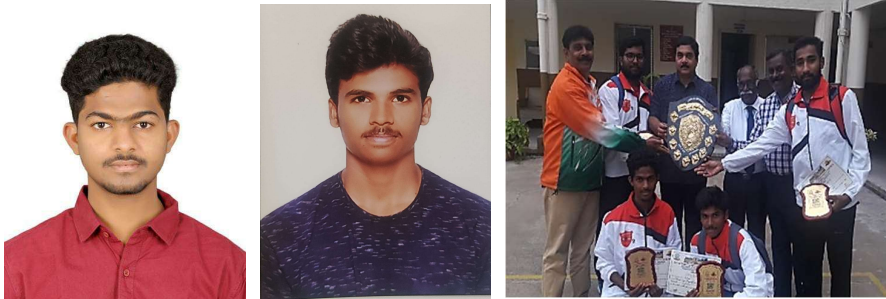


28th January – 1st February 2019: Mr. D. Bharath Naik has participated in a continuing education programme on Geosynthetics in Infrastructure Development (CEP – GID) organized by Department of Civil Engineering, NIT Warangal.

28th January – 1st February 2019: 20 final year students participated in a continuing education programme on Geosynthetics in Infrastructure Development (CEP – GID) organized by Department of Civil Engineering, NIT Warangal.

7th Jan 2019: Dr. Akshay S K Naidu and Mr. R. Srikanth after having cleared the examination conducted on 15th Dec 2018 have been certified as Accredited Professionals of Indian Green Buildings Council (IGBC - AP).

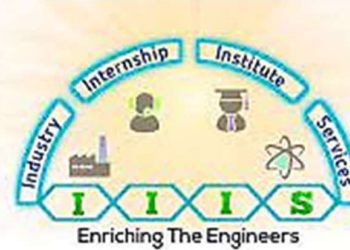
Mr. M. Arun (160717732090) and Mr. A. Prashanth (160717732028) of second year civil engineering won the Badminton competition in the Jindal Global University Tournament held in New Delhi, between 14th – 17th March 2019.



Mr. Syed Bilal Siddiqui (160717732001) of second year civil engineering won the Muay Thai (Boxing) championship.



On **23rd January, 2019** - Signed a Memorandum of Understanding (MoU) with **Industry Internship Institute Services (IIS)** for providing internships, training and placement services in core civil engineering companies.



22nd January, 2019: Renewal of Organizational Annual Membership of Indian Green Building Council (IGBC) for the year 2019.

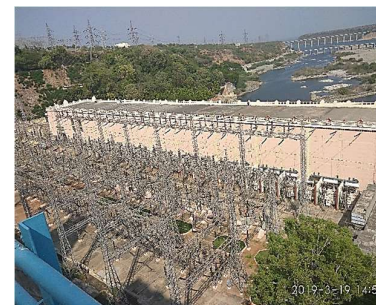


27th February, 2019: Department of Civil Engineering has Set-up the **ICT Academy Centre of Excellence for Design**, Powered by Autodesk, for training in Revit Architecture.

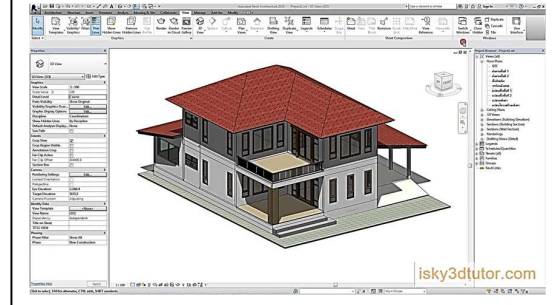


19th March 2019: Industrial Visit for III-year students to Nagarjuna Sagar Dam Project, including the top of NSP, the galleries and the Power House of the Left Canal.

NAGARJUNA SAGAR RESERVOIR		DATE: 19.3.2019
DAILY WATER LEVEL REPORT		
1	RESERVOIR LEVEL (in Ft) at 6-00 a.m.	541.40
2	RESERVOIR CAPACITY (in Y.M.C.) at 6-00 a.m.	51.840
3	AVERAGE DISCHARGE (in cusecs) THROUGH	
a)	JAWAHAR RIGHT CANAL	500
b)	HEAD REGULATOR	N/A
c)	POWER HOUSE	N/A
	TOTAL:	500
d)	BILAL BAHADUR (LEFT) CANAL	N/A
e)	HEAD REGULATOR	N/A
f)	POWER HOUSE	N/A
	TOTAL:	N/A
g)	RADIAL GREST GATES	N/A
h)	MAIN POWER HOUSE	10
i)	S.I.R.C.	1800
4	TOTAL OUTFLOW (in cusecs)	232
5	INFLOW (in cusecs)	232
6	TOTAL DISCHARGE (in cusecs) TO KRISHNA DELTA (in cusecs)	510
7	RESERVOIR LEVEL (in Ft) ON THE SAME DAY DURING LAST YEAR AT 6-00 A.M.	531.50
8	INFLOW (in cusecs) ON THE SAME DAY DURING LAST YEAR	12,500
9	SHIRSATI AM RESERVOIR LEVEL (in Ft) CAPACITY	527.50
10	INFLOW TO S. RESERVOIR (in cusecs) LAST YEAR	N/A



23rd March 2019: Guest Lecture cum demonstration on “Revit Architecture for Building Design”. Delivered by Mrs. Y. Bhavana, Senior Instructor CADD Centre, Hyderabad.



Dr. Akshay S K Naidu submitted a paper on “*Characterization of the Electromechanical Admittance Signatures of Piezo-Impedance Transducers based on its Location,*” for the 7th International Conference on Materials Processing and Characterization (ICMPC – 2019), the paper is consequently accepted for publication in Materials Today: Proceedings, an Elsevier Journal.