



DEPARTMENT OF CIVIL ENGINEERING

Kakatiya Institute of Technology & Science, Warangal



JULY 2018

VOL 6, ISSUE 2

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Vision of the Department :

The Vision of the department is to become a leading centre of excellence in producing quality human resource in civil engineering by developing a sustainable technical education system to meet the changing technological needs of the Country. The Department will make significant contributions to the economic development of the state, region and nation.

Mission of the department

- To produce outstanding Civil Engineering graduates with highest ethics
- To impart quality education in civil engineering to raise satisfaction level of all stake holders.
- To serve society and the nation by providing professional civil engineering leadership to find solution to community, regional and global problems and accept new challenges in rapidly changing technology.

Programme Educational Objectives (PEOs): The Programme Educational Objectives (PEOs) of the civil engineering program are designed to produce skilled engineers who are ready to contribute effectively to the civil engineering profession and are ready to handle the challenges of the profession. The Programme Educational Objectives (PEOs) are defined considering the opinion of all the stakeholders

PEO1	Apply fundamental technical knowledge and skills to find creative solutions to challenges and problems in various areas of basic sciences and engineering
PEO2	Able to analyze, design and use skills in order to formulate and solve civil engineering problems.
PEO3	To practice civil engineering in a responsible, professional and ethical manner to implement eco- friendly sustainable technologies for the benefit of industry and society
PEO4	Able to take up higher education, engage in research and development in civil engineering and allied areas of science and technology

Program Outcomes (POs) : Engineering Graduates will be able to

PO1	Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	Engineering knowledge
PO2	Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences	Problem analysis
PO3	Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.	Design/development of solutions
PO4	Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.	Conduct investigations of complex problems
PO5	Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.	Modern tool usage
PO6	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	The engineer and society
PO7	Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	Environment and sustainability
PO8	Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice	Ethics
PO9	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings	Individual and team work
PO10	Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	Communication
PO11	Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	Project management and finance
PO12	Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.	Life-long learning

“Hardwork performed in a disciplined manner will in most cases keep the worker fit and also prolong his life.”

-Mokshagundam Visvesvaraya



Program Specific Outcomes (PSOs) :

PSO 1	Apply fundamental computational methods and elementary analytical techniques in sub-disciplines related to civil engineering
PSO 2	Design civil engineering structures, component or process to meet desired needs with appropriate consideration for the public health and safety, cultural, societal, sustainability and environmental considerations
PSO 3	Appreciate professional and ethical responsibility concerning legal, contemporary, environmental & cultural issues and consequent responsibilities relevant to the professional engineering practices and norms of civil engineering practice code
PSO 4	Appreciate the role of research in civil engineering practice and recognize the need for and to engage in life-long learning in civil engineering and allied domains as relevant to rapidly changing technology

Chief Editor Message:

It gives me immense pleasure in welcoming NEWSLETTER, on behalf of the entire campus community of KITS Warangal. This newsletter will serve to reinforce and allow increased awareness, improved interaction and integration among all of us. This inaugural issue is a brief account of the important events of Civil Department. I congratulate all those who have contributed in bringing out this issue. I hope this newsletter will inspire all of us for a new beginning enlighten with hope, confidence and faith in each other.

- Dr.K.Ashoka Reddy, Principal

Editor Message:

I was given the privilege to serve as the chief editor of this newsletter which gives me great opportunity to present the first issue of this newsletter. In this context, these editorial standards are set forth to give readers and contributors a clear idea of what they can and should expect from the newsletter

- Dr. L. Sudheer Reddy, HOD

Editor In-charge Message:

It is with great honour and great pleasure for me to involve in laying the groundwork of this newsletter. I congratulate the Editorial Team for their hard work in producing this Newsletter. I am absolutely certain that the best is yet to come. I hope that you will enjoy reading this newsletter

- Dr. M.Andal, Assoc. Professor

Industrial Tour:

Third year students visited Kaaleshwaram barrage and Kesoram cement factory and visualised how cement is manufactured and different types of processes involved in it and how water is pumped and stored in the kaaleshwaram barrage



“Scientists study the world as it is; engineers create the world that has never been.”

-Theodore Von Karman



CIVIL ENGINEERING ASSOCIATION 2018:

The Civil Engineering Association (CEA) is the premier body of Civil Engineering Department in KITS and is formed out of voluntary enthusiasm and extreme passion of its students to discover the deepest knowledge of their interests. Under the extraordinary guidance of Head of the department, faculty and with their unconditional and invaluable support, students here in the association improve their every skill and strive with an obsession of carving their capabilities to perfection and mastery.

<i>DATE</i>	<i>NAME OF THE ACTIVITY</i>	<i>NO. OF PARTICIPANTS</i>
<i>08-01-2018</i>	<i>A Session on "VIDEO SYNTHESIS"</i>	<i>95</i>
<i>22-01-2018</i>	<i>A Session on "General Quiz"</i>	<i>40</i>
<i>05-02-2018</i>	<i>A Session on How to improve Campus Placements</i>	<i>35</i>
<i>12-02-2018</i>	<i>"Debate Session"</i>	<i>120</i>
<i>19-02-2018</i>	<i>Expert lecture on 'Geotechnical Engineering' by DR.P. Harikrishna, ASSC PROF, NITW</i>	<i>100</i>
<i>12-03-2018</i>	<i>CANTER CADD IQ TEST</i>	<i>100</i>
<i>19-03-2018</i>	<i>Interaction Session on "our mistakes your lessons"</i>	<i>115</i>
<i>02-04-2018</i>	<i>"Debate Session"</i>	<i>130</i>
<i>09-04-2018</i>	<i>A Session on "TECHNICAL DUMSHAL ARTS"</i>	<i>50</i>
<i>16-04-2018</i>	<i>Closing Ceremony of CEA</i>	<i>90</i>

GUEST LECTURE ON ABROAD STUDIES:



“We shape our buildings, thereafter they shape us.”

-Winston Churchill



GATE RANKERS:

ame	Roll number
P.Pravalika	B14CE075
G.Hemanth	B14CE001
T.A.Kamakshi	B14CE081
J.Vinod Kumar	B14CE023
D.Manaswini	B14CE074

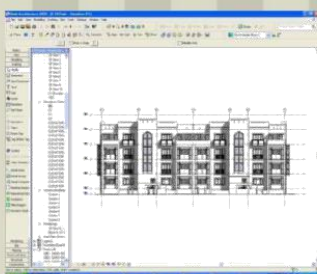
Software Training Programme:

As the students may not have time to spend on all the subjects or course during their degree Civil Engineering department have come up with an idea to give the software training related to Civil Engineering.so, the department had tie up with Canter Cadd(software coaching institute) and conducted a software training programme in the college during summer vacation (JUNE 6th –JULY 5th,2018) and trained the students in three different softwares.

The softwares are:

- AUTOCAD
- REVIT ARCHITECTURE
- STAADPRO

Nearly 50 students from the second, third and fourth years had participated in this programme and learnt the modern building designing, elevation, building plans and analysis of steel structures through the above mentioned softwares.



Placements for the academic year 2017-2018

Name	Placed in
T.Anasuya Kamakshi	MuSigma, Aveva
G. Neelaveni	Qspiders
S.Rohitha	Marvel Geospatial
M.Praveen Kumar	Marvel Geospatial
Gullapalli Gopala Krishna	Marvel Geospatial
Gajbeenkar Sandeep Kumar	Marvel Geospatial
Dashrath Singh	Marvel Geospatial
G.Pallavi	Marvel Geospatial
Dasari Koushik	Marvel Geospatial
K. Ravindranath Chowdary	Marvel Geospatial
MushpatlaSunith	Marvel Geospatial
U.Rajesh	Moldtek
Kathroju Sravani	Moldtek
Shaik Apsana	Moldtek
T. Akhil	Moldtek
Vemavarapu Sai Prabhakar	Sobha Developers

DO YOU KNOW ??

