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Department of Civil Engineering

Kakatiya Institute of Technology & Science, Warangal -15

Newsletter



Vol 4, 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, review 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

Program Specific Outcomes (PSOs) :

PSO1	Apply fundamental computational methods and elementary analytical techniques in sub-disciplines related to civil engineering.
PSO2	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
PSO3	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.
PSO4	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.

“THE MOST VALUABLE COMMODITY IN THE WORLD IS TIME. LIKE AN ARROW SHOT FROM BOW, IT NEVER



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. It would be a snapshot of the various activities and advancements for Civil that reflects the progress and achievements by the students and faculty members. 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.

- Prof..K. Guru Raj

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.

- Prof. S.G. Narayana Reddy

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.

- Smt.M. Andal

Student Achievements

12016T0030	NAMILIKONDA RAJA PHANI SAHITH	TCS
12016T0070	KASAM SRIKAR	TCS
12016T0078	VASISTA SHARMA	MuSigma
12016T0115	KASAM PRASHANTH	SIA Edugroup
12016T0005	MUTHOJU BRAHMAJI	Raster Technologies
12016T0061	CHANDRAKANTH. V	Raster Technologies
12016T0011	ALLURI MEGHANA	Raster Technologies

“TAKE PRIDE IN HOW FAR YOU HAVE COME. HAVE FAITH IN HOW FAR YOU CAN GO. DON'T COUNT EVERY HOUR IN THE DAY, MAKE EVERY HOUR IN THE DAY COUNT.”



MoU WITH GWMC

Our Institute has signed MoU with Greater Warangal Municipal Corporation (GWMC) as third party quality control agency for issuing quality control certificate for all the engineering works in the jurisdiction of GWMC.

This year ICC ha conducted a one day workshop on “Good Construction Practices for Civil Engineers” (26th March 2016). The objectives of the present workshop are to ensure a high standard of site supervision in GWMC construction works are systematically carried out by the stakeholders, namely, the GWMC Officials, developers, builders/contractors, site supervisors/work inspectors, third party quality team to safeguard the structural integrity of various forms of GWMC works, and to enhance construction productivity of a development project.



బంగారు తెలంగాణ కోసం పాటుపడాలి

ఎర్రగట్టుగుట్ట (జి.ఎం.సి.సి.సి.)
 మాగారు, న్యూస్ టీవీ:
 బంగారు తెలంగాణ
 సాధనలో
 ఇంజనీరింగ్ విభాగం
 విద్యార్థులు భాగ
 స్వాములు కావాలని
 వరంగల్ నగర
 మేయర్ నన్నవనేని



నదన్నులో పాల్గొన్న మేయర్ నరేందర్, కమిషనర్ నర్సారాజులహార్, కెప్టెన్ లక్ష్మీకాంతరావు

నరేందర్ అన్నార ఎర్రగట్టుగుట్ట సమీపం లోని కిట్స్ ఇంజనీరింగ్ కళాశాల సిల్వర్ జూబ్లీ సెమినార్ హాల్లో సివిల్ ఇంజనీరింగ్ విభాగం ఇంజనీరింగ్ కన్వెన్షన్ సెల్ (ఐసిసి) సంయుక్త ఆధ్వర్యంలో శనివారం జరిగిన వర్క్ షాపును ఆయన ప్రారంభించారు. నరేందర్ మాట్లాడుతూ విద్యార్థులు చదువుతో పాటు సమాజ సేవ కార్యక్రమాల్లో పాల్గొనాలన్నారు. కమిషనర్ నర్సారాజులహార్ మాట్లాడుతూ ఇంజనీరింగ్ విద్యార్థులు ఎక్కువ సమయం పరిశోధనకు ద్రావాలి. వర్క్ షాపుల్లో గడిపి భవిష్యత్తులో గొప్ప ఇంజనీర్లుగా ఎదగాలన్నారు. కార్యక్రమంలో కిట్స్ కళాశాల కార్యదర్శి కర సాంఘిక కార్యకర్త వి. లక్ష్మీకాంతరావు, కోపాధికారి పి. నారాయణరెడ్డి, కళాశాల డైరెక్టర్ డాక్టర్ వై. మనోహర్ ఆధ్వర్యంలో, విద్యార్థులు తదితరులు పాల్గొన్నారు.



“Don’t spend your energy in talking but meditate in silence and become a dynamo of spirituality.”

To expose the engineering students to the current trends in the areas of communications and allied ones, the department has a tradition of conducting a national level technical symposium every academic year.

SUMSHODHINI'16

Civil engineering department, as a part of its longstanding tradition has been organizing several interactive events throughout the year which impart knowledge to the students and with that ever increasing spirit and unique motto the department has conducted technical events year this too for SUMSHODHINI'16, a National level technical symposium organized by Indian Society for Technical education, KITS - Warangal chapter on 21st , 22nd and 23rd of January.

SUMSHODHINI'16 covered many events in the emerging fields of engineering aimed at creative interaction among student participants and experts in the fields.

