



DEPARTMENT OF CIVIL ENGINEERING

JULY 2019

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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 .

| | |
|--------------|---|
| PEO 1 | Demonstrate professional competency in varied fields of engineering industry and/or pursue higher education by nourishing mathematical scientific and engineering precepts. |
| PEO 2 | Investigate, analyze and design solutions to complex civil engineering problems ensuring safety, sustainability and ecological harmony. |
| PEO 3 | Exhibit professionalism by transferring latest technology and understanding societal impacts to protect interests of the public at large |
| PEO 4 | Develop competence by engaging in lifelong learning, in order to integrate ethics, economics and equity. |

| | | |
|-------------|--|--|
| 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 |

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. |

AKRUTHI 2K19

Akruthi- a structure of glory is the annual magazine published by the civil engineering department. Akruthi'19, compared to its previous editions enhances its content every year. The event started with the release of the magazine by our principal. And it was followed with speeches given by faculty and students. In addition, this year the association organised fun activities and games between faculty and students and as sign of appreciation, the winners of respective activities were awarded with prizes and the students whose articles were published in the magazine were given the merit certificates. Then the seniors presented a memento to the faculty as



Principal and Head of the Department releasing the Magazine

“NATIONAL YOUTH RED CROSS CAMP-2019”

IRCS Telangana State Youth Red Cross Organised a camp for the students all over India. Our Telangana Team won the prizes, 2nd prize in Dance competition, Ethnic Dress wear and State Branch Activities Report Presentation. 3rd prize in Quiz, First Aid competition, Poster making. Finally got the overall championship at National Youth Red Cross camp - 2019. One student from our department participated actively in this camp and made our Telangana State to win overall Championship.

| S.NO | Name of the Student | Year & Roll no. | Prizes won |
|------|----------------------|-----------------|---|
| 1 | Mattapalli Chaitanya | IV, B16CE022 | 3rd prize in Quiz, First Aid competition, Poster making |



Our student M.Chaitanya participating in Poster making



A newspaper publish about YRC Camp

“You get in life what you have the courage to ask for.”

–Oprah Winfrey

Newsletter



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30TH ROAD SAFETY WEEK

On February 7th 2019 in the view of 30th ROAD SAFETY WEEK we, the students of KITSW conducted a 1km walk at Warangal. Slogans were chanted all along the walk. Our HOD Dr. L. Sudheer Reddy and our faculty coordinators supported to conduct this event.

A huge number of students of our college participated in this event. The main motto of this event was to inculcate the need of traffic rules in every citizen and also about the consequences to be faced if we deny. As our main motto is SADAK SURAKSHA-JEEVAN RAKSHA we need to obey the traffic rules for a better tomorrow. we then formed a human chain with 120 students on behalf of 1 crorehaathsaath.



Students participating in 1 Crorehaathsaath

SPACE 2K19

Space was a national conference about sustainable practices and advances in civil engineering. It was second conference held in KITS Warangal. Many participants were participated in this conference from all over the state. The conference serve as a platform to create awareness and appreciation amongst academicians, scientists, researchers and practitioners from various disciplines and sectors about developing and implementing sustainable practices and technologies that minimize the impact on our environment. Conference was held for two days. Papers are published in International Journal of Technical Innovation in Modern Engineering & Science.



Principal Dr. K. Ashoka Reddy giving Speech



HOD Dr.L. Sudheer Reddy presenting memento to Principal

INDUSTRIAL TOUR

It is customary to the Department to organize the educational tours every year for the students to expose them to the real time Civil Engineering projects like visiting to well- known Dam sites, Irrigation Projects, Cement manufacturing industries, Bridgesites, etc. On February 8th 2019 III Year students were taken to Polavaram Irrigation Project and a glance on the prototype of the project where in the details such as the plan, discharge, constructional area of the project is discussed.



Group photo of 3-Civil-1 at Railway Bridge



Group photo of 3-Civil-2 at Railway Bridge



FINISHING SCHOOL PROGRAMME

To bridge the gap between industry and curriculum, the department of civil engineering in KITS, Warangal and having an MOU with CDI, and NAC, Hyderabad together has planned a finishing school programme which consists of different trades like Masonry, Painting, Electrical fittings, Plumbing, Surveying using total station etc., This is the first time NAC has accepted to conduct a finishing school outside their campus which was a huge success.

The program was intended for final year students to expose the students to different site works by giving them theoretical lectures along with hands on session. A total of 50 students participated, of which 44 students belongs to KITSW and 6 students are from various engineering colleges from Warangal. The program was planned for a duration of 21 days starting from March 7th till April 2nd 2019. All the infrastructure and utilities needed were supported by the department and the instructors were from different NAC centres.



Students participated in Finishing School Programme



Students improving their Practical skills during Programme

LIST OF PLACED STUDENTS FOR THE ACADEMIC YEAR 2018-19

| S.NO | NAME OF THE STUDENT | Selected for Company(ies) |
|------|-----------------------|---------------------------|
| 1 | Kodithala Harsha | Raster Engineers |
| 2 | Pakala Nidilesh Reddy | Raam Group |
| 3 | Dharani Sravanthi | Raster Engineers |
| 4 | Illa Vamshidhar | Election |
| 5 | V Koustubha | Infosys |
| 6 | Vanam Hari Chandana | Red Carpet |
| 7 | Mudigonda Sanjana | Red Carpet |
| 8 | Kokkerala Rachana | Red Carpet |
| 9 | Bandaru Rahul Sai | Red Carpet |
| 10 | Gurthuru Nikitha | Red Carpet |
| 11 | Mohd Junaid | Red Carpet |
| 12 | Banda Aneela | Red Carpet |

LIST OF STUDENTS QUALIFIED IN GATE 2K19

| S.N O | NAME OF THE STUDENT | ROLL NO |
|-------|---------------------|-----------|
| 1 | Sai Ram Neela | B15CE028 |
| 2 | Nalla Harish | B15CE058 |
| 3 | A Kalyani | B16CE135L |
| 4 | Sowmya | B15CE097 |

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RAAM
GROUP

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