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Message from Chairman



**Sri. B. C. Nagaraj, M.B.A.,
Founder & Chairman**

We at Kuppam engineering college have a vision to impart quality technical education, bring out the hidden skills and abilities of students with proper discipline. We have put together an experienced team of highly qualified, motivated and dedicated staff, supported by excellent

infrastructural facilities to make the institution, an ideal place for learning. We will provide meaningful education, research and training and at all levels to match global standards. Our policy is to mould students by building confidence in them and imbibing qualities like discipline, dedication and determination.

It is obligatory on our part not only to reach academic standards as on today but also to continuously upgrade them. Finally it give us immense pleasure when students who graduate from our college are well placed in their careers.

Message from Vice Chairman



**Dr. N. Sunil Raj, MBBS.,
Vice Chairman**

We at the Kuppam Engineering College strive to provide high quality technical education with

ethics and moral values. We have a team of committed and experienced faculty members to cater the needs of the students and supported by an excellent infrastructural facilities. We have 14 industries approved laboratories like Cisco, Oracle, Auto-desk, Texas D instrumentation, Red hat, CM Skill Excellence Center labs by Siemens; Dassault Systems and so on to bridge the gap between industries and academics and to enhance industries institute interaction, our aim is to produce young and dynamic engineers who can make their parents and the nation proud.

Message from Principal



**Dr. S. Sudhakar Babu, B.E., M.E., Ph.D.,
MISTE, Principal**

Kuppam Engineering College aims at nurturing Graduates and researchers who are critical thinkers creative and have a holistic education experience, innovation methods of teaching, cutting-edge curriculum, workshops and internships further broadening the intellectual and global outlook of our students. The internship programs are a unique feature of education at KEC and help to produce more practical oriented and innovation graduates. I invite all aspirants to seek admission in to the KEC programs and become technology driven professionals

About the College

Kuppam Engineering College was inaugurated by Technology savvy Sri. N. Chandrababu Naidu garu on 11-09-2001. Gradually over the years several institutes like Kuppam Public School, Kuppam Junior College, Kuppam Polytechnic, Kuppam Degree College, Kuppam Teacher Training Institute, Kuppam College of Education, Kuppam College of Nursing courses began to emerge in educational field as “BCN GROUP OF INSTITUTIONS”. These institutions were promoted with the sole objective of providing high standard educational facilities to the rural folks. These institutions are managed by Sri. B. C. Nagaraj. Founder Chairman is a great philanthropist has good managerial skills and admin-iterative capabilities imparting high quality education from pre-primary to post graduation Level.

Vision

To be a leading institute of professional education in imparting quality education to rural youth and producing dynamic technocrats with competent skills, innovative ideas, leadership qualities, and professional ethics.

Mission

- M1: Provide quality education through state-of-the-art infrastructure
- M2: Develop technical skills and promote innovation among the students and faculty
- M3: Promote collaborative research to address local and global challenges



Research and Development Cell

Department Achievements

Vajrapaat – APP on Google Play Store

App Link:<https://play.google.com/store/apps/details?id=com.phonegap.weatherSOS&hl=en>

- A Team headed by Dr.G.N.Kodanda Ramaiah contributed for "VAJRAPAAT" App development in collaboration with ISRO, APSICHE, AP Disaster Management and Cost prize online India Pvt. Ltd.
- This app proactively alerts people on severe weather occurrences happening within their close proximity.
- This proactive alerting will help ensure the wellbeing of all such app consumers. The app covers the entire state of Andhra Pradesh.



Research and Development Cell

NEW GEN IEDC INAUGURATION

The Inauguration of “New Generation Innovation and Entrepreneurship Development Centre” supported by NSTEDB, DST, New Delhi in association with EDII Ahmad-abad on 08th Dec 2017.



Chief Guests: Dr. Naveen Vasishtha, Director, NEB Division DST Prof. S.B. Sareen, Project Director, NewGen IEDC

FUNDED PROJECTS (ON GOING)

- @ "New Generation Innovation & Entrepreneurship Development Center (New Gen IEDC)" sponsored by NSTEDB, DST, New Delhi for 2.85 Cr.
- @ DST-NIMAT Project – Entrepreneurship Awareness Camp – 3 months (2017) Rs. 1,00,000 /-

About the Department of Civil Engineering

Civil Engineering is rightly considered the most versatile amongst all engineering branches. It is the branch with a lot of diversity right from Surveying, Geo-technology to Structural Engineering, Environmental Sciences to Hydraulics, and Transportation to Hydrology. Civil Engineering can be considered as the single largest core engineering branch.

The department's vision is to give an exposure to budding civil technocrats to various challenges in the profession having a highly qualified and experienced faculty with excellent academic record. There is a wonder combination of academic excellence and industrial experience amongst the faculty, which is instrumental in imparting the right blend of theoretical and practical knowledge to the students. Subjects taught include Surveying, Concrete Technology, Geotechnical Engineering, Structural Engineering, Hydraulics, Hydrology, Geographic Information System (GIS), Global Positioning System, Environmental Engineering, and Transportation Engineering. The department also handles consultancy works and projects. In addition, activities like seminars, projects, assignments, quizzes and Site Visits other such competitions are conducted on regular basis to induce the professional skills in the students, which ultimately help them in getting placed in reputed organizations.



HoD Desk



Mr. L Ravikumar

Head of the Department

Department of Civil Engineering

Kuppam Engineering College

Kuppam-AP

Civil Engineering has its own place in a country's development. To raise the life standard of its people, a country has to provide good infrastructure to its people, and civil engineers play a vital role in this.

In our Civil Engineering Department we are imparting the basic knowledge on Building construction, structure, design, surveying and drawing. Apart from this department is committed for all around development of our students.

Infrastructure in India is going to be developed at large scale and high pace in the next coming years.

So, we are contributing to meet these requirements in the form of giving quality Civil Engineers to the society. Civil Engineering Department is looking further to provide good placement to the students in coming years.

Vision and Mission of the Department

Vision

Strive for excellence in Civil Engineering producing competent professionals with ethical values and social responsibility.

Mission

Imparting quality education through devoted faculty and inculcating explorative thinking along with ethical values amongst the students to meet the social needs.

- To impart quality education through well-established infrastructure and dedicated faculty following innovative teaching and learning practices.
- To create an ambience for effective learning and skill development by promoting research culture through industry institute interaction.
- To inculcate professionalism adhering to ethical and social values.



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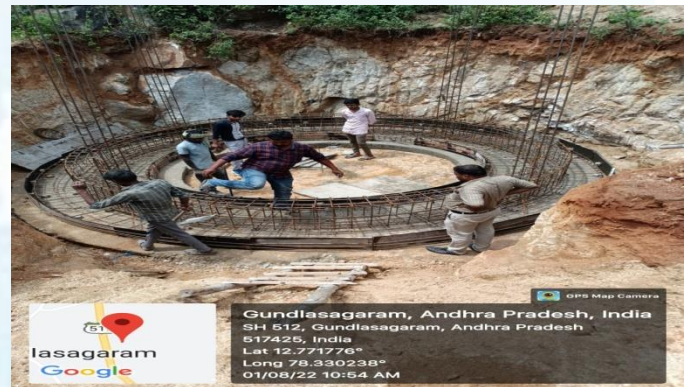
Industrial Visit

A batch of Third Year and Final Year Students of Department of Civil Engineering along with two faculty Members visited Mettur Thermal Power Plant and Mettur Dam, Mettur on 17-12-2022.



Field Visit

Department of Civil Engineering organized a one-day site visit with faculty members to Gundlasagaram on August 1st, 2022.



Awareness Programme for Higher Studies

organized a higher education awareness programme for B.Tech. civil engineering students on 16th December 2022.



Awareness on Outcome Based Education

Department of Civil Engineering organized Awareness on Outcome Based Education on 13th October 2022.



Training Program

On November 9, 2022, the department of civil engineering hosted a one-day training session on CAD software.

Seminar on E - Waste Management

Department of Civil Engineering organized Seminar on E - Waste management on 29th July 2022.



Guest Lecture on Ground Improvement Techniques

The Department of Civil Engineering Conducted One day Guest Lecture on Ground Improvement for Strengthening of Foundation Techniques on 25th May 2022 .Resource person Dr. M. Muthukumar, Head of the Department, School of Civil Engineering ,VIT, Vellore.



Symposium

The Department of Civil Engineering held a one-day national technical symposium on July 8, 2022.



Guest Lecture on Waste Water Engineering

The Department of Civil Engineering Conducted One day Guest Lecture on Waste water Engineering on 20th May 2022 .Resource person Dr. Sethuraman, Associate Professor, Department of Civil Engineering, Adhiyamaan College of Engineering, Hosur.



Training Program Total Station

Department of Civil Engineering conducted one day training program on Total Station on 28th June 2022.



Field Visit Steel Structure

Department of Civil Engineering organized a one-day site visit with faculty members to Bevanapalle on September 16th, 2022.



Faculty Publications

1. A paper on "Analysis and Design of Steel Foot over Bridge at Kuppam railway Station" Published by Mr. L. Ravi Kumar in International Journal of Research and Analytical Reviews (IJRAR) Journal during July 2022.
2. A Paper on "Behavior of Reinforced Concrete Composite Beam Using ANSYS" Published by Mr. V S Satheesh International Journal of Engineering Science and Computing (IJESC) Journal During July 2022.
3. A Paper on "Field Density Analysis of Soil by Core Cutter Method in Kuppam Mandal" Published By Mr. V S Satheesh and Dr. K Harish in International Journal of Research and Analytical Reviews (IJRAR) Journal during July 2022.
4. A Paper on "Economical and Environmental Conditions of Tendon Layout for Prestressed Concrete Beams" Published by Mr. V S SATHEESH Journal of Environmental Protection and Ecology (IJESC) Journal during July 2022.
5. A Paper on "Investigation of Geometrical Elements & Traffic safety Performance on Existing Highways" Published by Mr. Venkobrao International Journal of Engineering Research & Technology (IJERT) Journal during July 2022
6. A Paper on "Experimental Investigation of Steel Fiber Reinforced Concrete Beam using GFRP Rebar" Published by Mr.D.Radhakrishna International Journal of Emerging Trends in Engineering Research (IJETER) Journal during July 2022.
7. A Paper on "Internet of Things based Traffic Management" Published by Mr. N Abilash & Mr.L Ravikumar Journal for Publishing Research Paper in minimum tenure (IJSRT) Journal during 2022.
8. A Paper on "Analysis and Design of Multi story Building by Using STAAD.Pro Software and Comparing with Manual Computation" Published by Miss. VASANTHAKUMARI B International Journal of Research and Analytical Reviews (IJRAR) Journal during July 2022.
9. A paper on "Investigation Of FRC Beam Reinforced With GFRP Rebar Under Flexure And Comparing With Conventional

Beam"Published by V S SATHEESH and RADHAKRISHNAN D Journal Of Electronics Information Technology Science And Management (JEITSM) Journal during July 2022.

11. A Paper on "Vibration Characteristics Studies For Damage Identification Of Rc Structural Elements" Published by Mr. V S SATHEESH Journal Of Electronics Information Technology Science And Management (JEITSM) Journal during July 2022.
12. A Paper on" Effect Of Lintel Beam On Multi Storey Building Using Etabs"Published by Mr. V S SATHEESH International Journal of Emerging Trends & Technology in Computer Science (IJETTCS) Journal During July 2022.
13. A Paper on" Comparative Analysis Of Multistorey Building Using Etabs"Published by Mr.D.Radhakrishna Journal Of Electronics Information Technology Science And Management (JEITSM) Journal during July 2022.
14. A Paper on "Analysis Of Mode Shape Behaviour Of Rcc Structure"Published byMr.L.Ravikumar Journal Of Electronics Information Technology Science And Management (JEITSM) Journal during july 2022
15. A Paper on" Experimental Investigation On Self Compacting Concrete" Mr.V S SATHEESH, Mr.RADHAKRISHNAN D Journal Of Electronics Information Technology Science And Management (JEITSM) journal during july 2022.