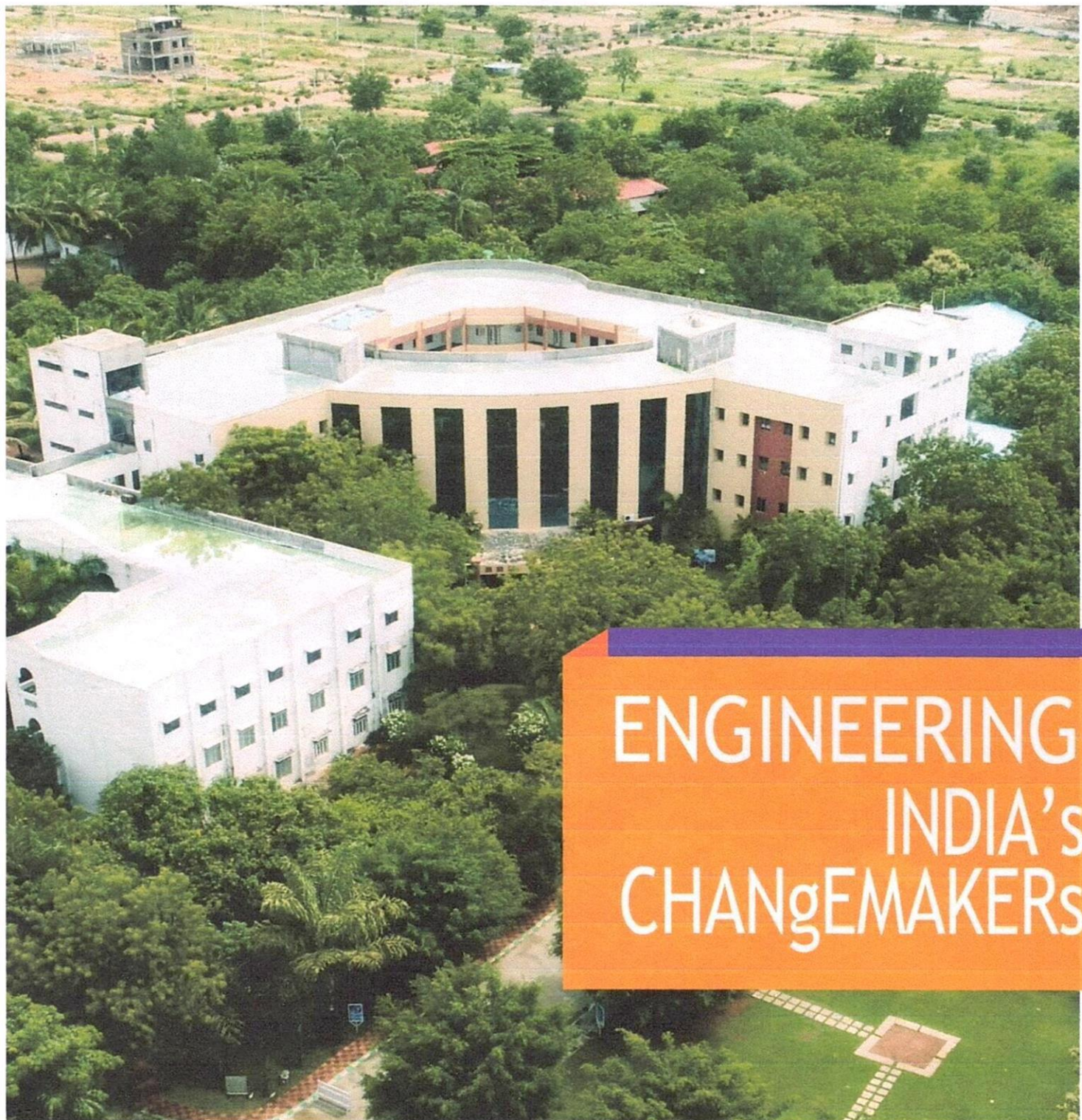


VOLUME 13 2022-2023



**ENGINEERING
INDIA'S
CHANGEMAKERS**

VISION AND MISSION OF THE INSTITUTE

VISION

To become an institution which is internationally recognized for its holistic approach to engineering, innovative teaching and learning culture, research and entrepreneurial ecosystem, and sustainable social impact in the community.

MISSION

- To offer undergraduate and postgraduate programs which are supported through industry relevant curriculum and innovative teaching and learning processes that would help students to succeed in their professional careers.
- To provide faculty and students with an eco system that fosters innovation, research, entrepreneurship and international exposure through strategic partnerships with government organizations and collaboration with industries.
- To provide holistic learning environment to students which will contribute to their personal and professional growth and enable them to become leaders in their respective fields.
- To contribute to the development of the region by using our technological expertise to work with nearby communities and support them in their social and economic development.

VISION AND MISSION OF THE CIVIL DEPARTMENT

VISION

To be recognized for excellence in teaching, innovation, and research aimed towards betterment of society through sustainable infrastructural development.

MISSION

- To integrate innovative teaching and learning practices that will enable students to build technical competence for working in Civil Engineering Industries.
- To encourage innovation, research, and entrepreneurship among faculty and students that will lead to sustainable development.
- To become self-sustainable through strategic collaborations with industries and nearby communities focused on consultancy services.

Program Educational Objectives:

PEO1: Graduates will be able to work in multidisciplinary teams focused on development of infrastructure, design, sustainability, construction management and all the other related fields of Civil Engineering.

PEO2: Graduates will be professionally competent through their ability to use modern civil engineering tools and manage projects in leadership positions.

PEO3: Graduates will transform into change makers who will work towards societal development and advocate for equity, social justice, and sustainable development.

1. Guest Lecture

“Groundwater Management-An Overview”

Department of Civil Engineering has organized a guest lecture on the topic “**Overview of Groundwater Management**” on **21-09-2022** to our final year students of the Department of Civil Engineering, KGR CET. The eminent expert **Prof. K GAUTAM NARULA**, Assistant Professor in the Department of Civil Engineering at **Shri Mata Vaishno Devi University, Katra**, had been invited to deliver the lecture. He explained to the students about groundwater management strategies, initially he started with an introduction to ground water movement, where he discussed the difference between Groundwater and surface water along with, understanding the need of Groundwater to the process involved in monitoring the Groundwater by the sequential order with a series of follow up of steps like **Groundwater VS Surface water**, Challenges related to groundwater management, Reason of missing groundwater management, Tools to monitor groundwater and what to monitor followed with Case studies, Further more explained management of Groundwater by China Sponge City in addition to Managed aquifer Recharge case study in Rajasthan

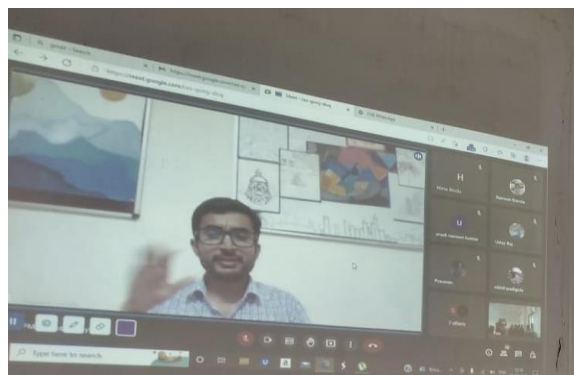
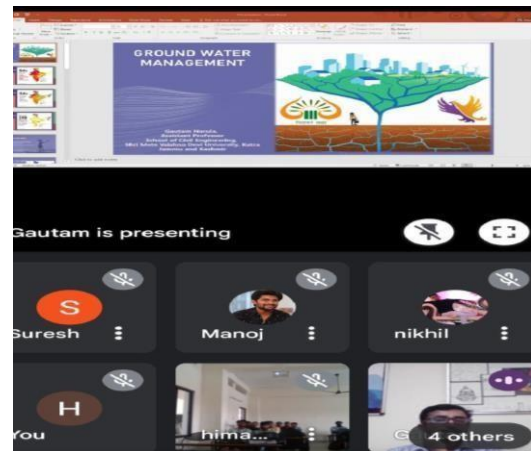


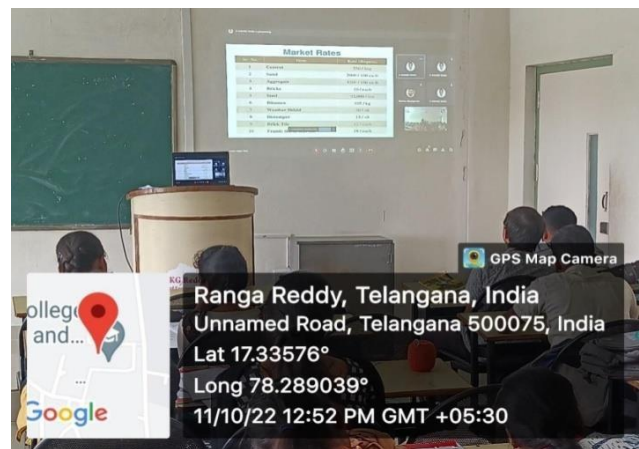
Figure: Guest faculty introduction to GW Management

2. Expert Talk

“Overview of Estimation Costing & Project Management”

Department of Civil Engineering has organized a guest lecture on the topic " **Overview of Estimation Costing & Project Management**" on 11th October 2022 to our final year students of the Department of Civil Engineering, KGR CET. The eminent expert Prof. K Anand Babu, Assistant Professor in the Department of Civil Engineering at Bhilai Institute of Technology, Raipur, CG had been visited to deliver the lecture. He explained to the students about overview of the estimation, costing & project management. He gave a detail explanation on methods of estimation on building, specification and valuation and lastly concluded with the brief discussion on project management.

The poster is for a guest lecture titled "TOPIC OVERVIEW OF ESTIMATION COSTING AND PROJECT MANAGEMENT". It is scheduled for "11th October, 2022" from "11:00 AM - 1:00 PM" in "VENUE : ROOM NO. T-414". The speaker is "Mr. K Anand Babu", an Assistant Professor in the Civil Department at Bhilai Institute of Technology, Raipur, CG. The event is organized by the "CIVIL DEPARTMENT" of "KG REDDY College of Engineering & Technology", which is UGC Autonomous and has NAAC A+ and NBA (Civil Engineering) accreditation. The poster includes the college logo and social media handles like @kgrcet.



3. Webinar

Evaluation of Performance for pavement roughness on highway through NSV

On 29th October 2022, Er. Kaushik Majumdar, (Resident Engineer), LNM Malviya Infra Projects Pvt. Ltd. delivered an industry expert talk to pre final and final year (Civil Engineering, UG) student of K.G. Reddy College of Engineering & Technology, Hyderabad organized by Department of Civil Engineering. During the talk he explained the current trend of operation and maintenance of NSV in highway construction as per the IRC: 82-2015 & IRC: SP-16-2019 guidelines. He also explained the performance evaluation of NSV for every 100 m and 500 m of chainage distance. Being a part of NHAI (National Highway Authority of India) project of NH-21 (Biaora to Dewas, of NH-3 in the state of Madhya Pradesh under NHDP Phase-IV in BOT (Toll) basis on DBFOT pattern.) Er. Kaushik Majumdar also discussed his work experience with NSV performance. Students learned the modern technique of highway construction technique.

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College of Engineering
& Technology
UGC AUTONOMOUS

**WEBINAR ON
EVALUATION OF
PERFORMANCE FOR
PAVEMENT ROUGHNESS
ON HIGHWAY THROUGH NSV**

Er. Kaushik Majumdar, M. Tech
Resident Engineer
L. N. Malviya Infrastructure Ltd.(Consultant),
Indore, Madhya Pradesh.

29th October, 2022
12:00 PM – 01:00 PM

Mode of workshop:
ONLINE

Organized by :
DEPARTMENT OF CIVIL ENGINEERING

@kgrcet



4. Orientation program for II nd year students

Department of Civil Engineering had conducted a one-day orientation program for IInd year students. The main objective of this program was to give them a glimpse of the various activities (academics, co-curricular and holistic student development) carried out by the department. All the students assembled in the T-414 Classroom. The program was hosted by Mr. Rathna Chary, Assistant Professor followed by a speech by Dr. Soumya Singha HOD, Civil where she briefed about the highlights of our department to the students and mentioned Vision and Mission of the Department. Insequence, all faculties interacted with the students and they briefed about their profiles. Then, students were taken to the different labs and the faculty coordinator Mrs. Mounika Naidu and Mr. Jagadish Harannati, Assistant Professor, briefed about the importance of all labs in Civil engineering fields. After the lab visit followed by lunch, a civil engineering related activity was conducted by Miss Himabindu Mam where students actively participated, next in sequence, session on job opportunities was delivered by Mr. M Vijay Kumar and lastly the program ends with the vote of thanks given by Mrs, Mounika Naidu, Assistant Professor, Department of Civil Engineering.



5. Graduation Day celebration

11th graduation day was celebrated on 16th October, 2022. All the graduating students of civil engineering department were presented certificates. The program was organized by Department of student's affairs. Toppers of our department were presented gold medal by honourable Chief guest, Prof. N V Ramana Rao, Director of NIT, Warangal.



6. Expert Talk

“Critical Concepts and Overview on Ground Improvement Techniques- case studies”

Department of Civil Engineering has organized a guest lecture on the topic “**Critical Concepts and Overview on Ground Improvement Techniques- case studies**” on 23rd October 2022 to our final year students of the Department of Civil Engineering, KGR CET. The eminent expert **Dr. Chandra Bogi Reddy**, Principal Geotechnical Engineer, YNR Associates Architects & Engineers, Kurnool, Andhra Pradesh had been invited to deliver the lecture. He explained the students about ground improvement techniques and its application. He gave a detail explanation on geo synthetics and its types which are used for ground improvement that is used to stabilize terrain. Furthermore, hydraulic modification techniques on prefabricated vertical drains and also ground improvement techniques like mechanical, physical, chemical, hydraulic modification at different soil conditions including for gravel, sand, silt, & clay was demonstrated clearly through his Expert talk.



KG REDDY NAAC A+ GRADE
College of Engineering & Technology
UGC AUTONOMOUS
NBA ACCREDITED (CSE & ECE)

TOPIC
CRITICAL CONCEPTS AND OVERVIEW ON GROUND IMPROVEMENT TECHNIQUES - CASE STUDIES

Dr. Chandra Bogireddy
B.Tech (C.E), M.Tech (Geotech.), Ph.D. (S.V.NIT),
Principal Geotechnical Engineer,
YNR Associates Architects & Engineers,
Kurnool, Andhra Pradesh.

23rd November, 2022
10.00 am - 11.00 am

Organised By: DEPARTMENT OF CIVIL ENGINEERING
Online Link: <https://meet.google.com/qqv-ccxp-cld>

@kgrcet

Rangareddy, Telangana, India
Unnamed Road, Telangana 500075, India
Lat 17.335832°
Long 78.289033°
23/11/22 10:17 AM GMT +05:30



7. “MOU signed with HIEE Empowering Engineers Private Limited”

On 28th November, 2022, a MOU is signed with HIEE Empowering Engineers Private limited. The MOU was exchanged in between Dr. Y. Vijayalatha, Principal KGR CET and Mr. Madan Mohan Koukuntla CEO, HIEE. During the exchange of MOU, Dr. Soumya Singha, HOD Civil Department, Mr. Thangamani K, Assistant Professor, Civil Department, KGR CET and Corporate manager of HIEE we represent.



8. Seminar

“Career Opportunities in Core Engineers”

On 28th November 2022, Mr. Madan Mohan Koukuntla, Managing Director – HIEE delivered a session on “Career Opportunities for Core Engineers” for all Civil Engineering students. The event was organized by Department of Civil Engineering in association with HIEE Empowering Engineers Private Limited. In his talk, he explained the current trends in Civil Engineering along with career Opportunities in Civil Engineering and furthermore he briefed about the industry requirement from freshers in regard to skills. He also briefed about the industry training the organization is providing presently. More over the resource person enlightened the minds of the students by sharing his experiences and by quoting innumerable number of examples and also discussed with them about the distinctive features of various job sectors and what are the things to be kept in mind career for achieving their goals.



9. “Industrial Visit to JMC Projects (India) Ltd, PBELCity”

Department of Civil Engineering conducted a one-day industrial visit for Final year students on 12th November 2022. The main objective of this Industrial visit was to gain practical exposure where students can acquire knowledge on mix design, types of cements, types of admixtures, concrete mixing proportions, bar bending schedule, building planning and quantity estimation including the safety measures that to be taken during Construction works. Details about the construction work from beginning to final Finishing of Project was well explained by the JMC Project Engineers especially SRI VEERABADRA RAO Project Manager.

Faculty Coordinators of Industrial Visit Mr. Rathna Chary and Ms. K. Hima Bindu along with Students of Final year started at 10AM from college and reached by 10:30 AM near PBEL CITY. Assistant Manager & Senior Engineer of JMC infrastructure Project Private Limited initiated their interactive talk with Students by explaining safety measures followed by equipment's usage during Quality testing of soil samples, Concrete Cubes, Material Usage, Estimation of Project, Reinforcement Detailing.

By this Visit Student gained Practical Knowledge and was aware of Several Construction Practices at site.



10. Seminar

“Ground Granulated Blast Furnace Slag (GGBS) (IS 16714) for Strong, Durable Sustainable & Green Construction”

Green Construction Club in Association with Department of Civil Engineering and JSW Cement Limited, Hyderabad has organized a Seminar on the topic "Ground Granulated Blast Furnace Slag (GGBS) (IS 16714) for Strong, Durable Sustainable & Green Construction" on 30th November 2022 for our all Civil Engineering Students of KGR CET. The eminent speaker Mr. Shanmukha A.S. Reddy Puli, Assistant General Manager in JSW Cement Limited, Hyderabad, had been invited to deliver the session. He explained to the students about how GGBS material can reduce the carbon footprints and protect environment. He gave a detail explanation on material GGBS, specification and strength and lastly concluded with the brief discussion on real time constructions which utilized GGBS as construction material. After the presentation, our students interacted with the speaker and cleared their doubts. At the end of the session, Dr. Soumya Singha, HOD Civil felicitated our resource person. Lastly the session was concluded with vote of thanks given by Mrs. Mounika Naidu, Assistant Professor, Civil Department, KG Reddy College of Engineering & Technology, Hyderabad.

GREEN CONSTRUCTION CLUB

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NAAC A+ GRADE
NEA

**Seminar on
GROUND GRANULATED
BLAST FURNACE SLAG**

GGBS (IS 16714) FOR STRONG, DURABLE,
SUSTAINABLE & GREEN CONSTRUCTION

30th Nov. 2022
11.00 AM to 12.00 PM

**Mr. Shanmukha.
A.S.Reddy .Puli**
Asst General Manager
JSW Cement Limited, Hyderabad.

Organized by :
GREEN CONSTRUCTION CLUB

Association with :
DEPARTMENT OF CIVIL ENGINEERING

Venue :
SEMINAR HALL

@kgrcet





11. Achievements of Department

1. 3 Papers Published from Civil Department in AIP Conference Proceedings indexed in SCOPUS database by Mrs. Mounika Naidu and Mr. Thangamani K, Assistant Professor, Civil Department.
2. Our student “Sricharan Siddamurthy” has taken admission in MS in Construction Engineering at Texas Tech University. We all congratulate him for his achievement and wish him success in future.



12. Industrial Visit to “JMC Projects (India) Ltd, Viva City, Kondapur”

Department of Civil Engineering conducted one-day industrial visit for Third year students on 12th December 2022. The main objective of this Industrial visit was to gain practical experience where students can acquire knowledge on mix design, types of cements, types of admixtures, concrete mixing proportions, bar bending schedule, building planning and quantity estimation including the safety measures that to be taken during construction works, was well explained by the JMC Project Engineers especially Mr. Mahesh Project Manager, Mr. Hari Prasad Manager. Mr. Jalander made the students attain basic skills before starting explanation of construction work at the site with series of steps by step. Explanation started from planning that includes quantity survey of the 440-crore project.

Faculty Coordinators, Mr. M. Vijay Kumar and Mrs. D Harika along with students of third year, started at 10.00 AM from college and reached by 10:45 AM at Viva City, Kondapur. Next to that, Assistant Manager & Senior Engineer initiated their interactive talk with students by explaining safety measures followed by Equipment's usage during Quality testing of soil samples, Concrete Cubes, Material Usage, Estimation of Project, Reinforcement detailing. By this visit student gained practical Knowledge and was aware of Several Construction Practices on site



Project Manager presenting the bar bending process. Project Manager explaining the Shuttering Process.



Project Manager explaining safety measures at construction works. Students along with Faculty at JMC Vivacity, Kondapur

13. Guest Lecture on “Soil Investigation for Civil Engineering Structures”

Department of Civil Engineering has organized a guest lecture on the topic “Soil Investigation for Civil Engineering Structures” on 07th December 2022 for our final year and third year students of the Department of Civil Engineering, KGR CET in offline mode. The eminent expert Mr. Nafees Ahmed (Retired Executive Engineer), Irrigation & CAD Department, Telangana had been invited to deliver the lecture. The speaker explained about the basics of soil investigation and what are the tests need to be carried out at the site before construction. He also took case studies to make student understand the concepts and all the students understood the borehole data how to be read. He explained soil investigation consists of two stages, such as firstly, Preliminary investigation. Reconnaissance survey which involves study of topography, excavations, drainage pattern, streams etc. Secondly, Detailed investigation which is carried out to study the nature, sequence and extent of subsoil strata and location of ground water table. During detailed investigation, disturbed and undisturbed samples are collected from different locations and from different depths by boring. After explaining, he interacted and asked few questions to students and almost all the questions were answered by the students. After the interaction, he then further continued his lecture where he explained about the field tests carried out with few case studies.

Topic :
**SOIL INVESTIGATION
FOR CIVIL ENGINEERING
STRUCTURES**

 **7th Dec, 2022**
12:00 PM - 1:30 PM

VENUE : E-CLASS ROOM (S-309)



Mr. Nafees Ahmed
Retired Executive Engineer
Irrigation & CAD Department,
Govt of Telangana.

Organized by :
DEPARTMENT OF CIVIL ENGINEERING

 @kgrcet



14. Guest Lecture on “Influence of different geological structure on civil Engineering”

Department of Civil Engineering has organized another guest lecture on the topic “Influence of different geological structure on Civil Engineering” on 07th December 2022 for our Second-year students in online mode. The Speaker Dr. Bhumika Das, Associate Professor, Department of Civil Engineering from LCIT, Bilaspur, Chhattisgarh had been invited to deliver the lecture. She explained about rock deformations, development of Folds, Faults, Joints and unconformities. She explained in detail on classification of Folds, Faults, Strike, Dip along with formation of several kinds of Unconformities such as Disconformities, Angular Conformities and Non-Conformities. Students interacted with the speaker and cleared their doubts. The lecture delivered by mam resulted in student gaining in depth knowledge about different geological structures.



The poster features the logo of KG Reddy College of Engineering & Technology at the top right. The main text is enclosed in a purple-bordered box, stating the topic and date. A portrait of Dr. Bhumika Das is shown to the right of the text. Below the portrait, her name and title are listed. At the bottom left, the organizing department is mentioned, and at the bottom right, the Instagram handle @kgrcet is provided.

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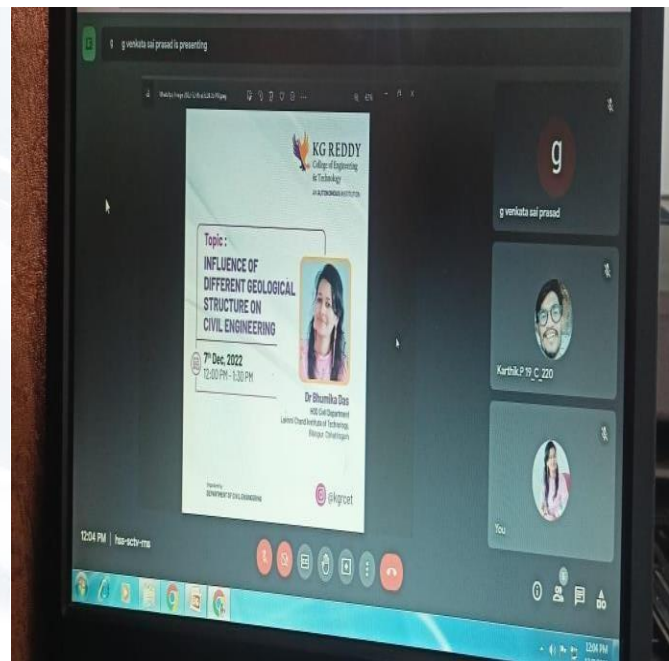
Topic :
**INFLUENCE OF
DIFFERENT GEOLOGICAL
STRUCTURE ON
CIVIL ENGINEERING**

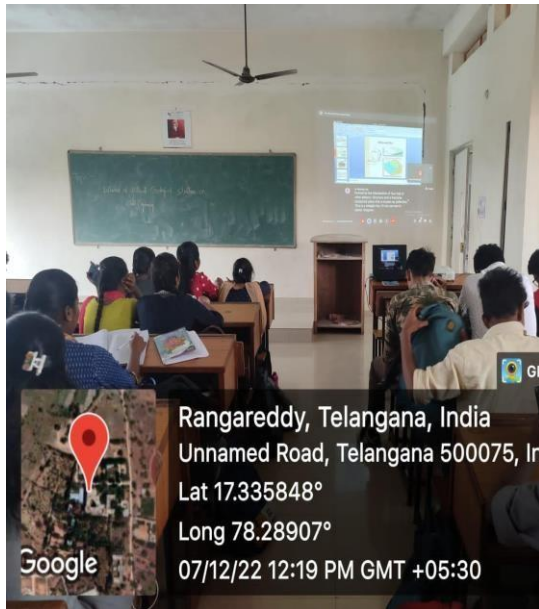
7th Dec, 2022
12:00 PM - 1:30 PM

Dr Bhumika Das
HOD Civil Department
Lakshmi Chand Institute of Technology,
Bilaspur, Chhattisgarh

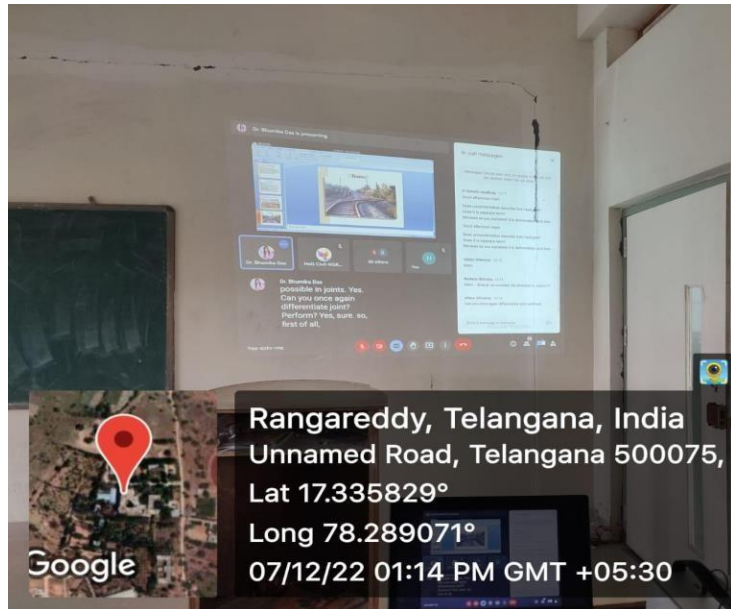
Organized by :
DEPARTMENT OF CIVIL ENGINEERING

@kgrcet





Rangareddy, Telangana, India
 Unnamed Road, Telangana 500075, In
 Lat 17.335848°
 Long 78.28907°
 07/12/22 12:19 PM GMT +05:30



Rangareddy, Telangana, India
 Unnamed Road, Telangana 500075,
 Lat 17.335829°
 Long 78.289071°
 07/12/22 01:14 PM GMT +05:30

15. Three Days workshop on “Total Station”

The Department of Civil Engineering in association with HIEE Empowering Engineers Private limited had organized three days’ workshop on “**Total Station Surveying**” from 29th December 2022 to 31st December 2022 for 3rd year and final year students. The objective of this workshop was to impart adequate working knowledge on surveying using Total Station equipment.

On the first day in the morning session, Inaugural Session was conducted followed by the resource person delivered a lecture to students about various surveying methods and instruments, concepts of surveying and data collection using Total station. Further the lecture continued with introduction to Total station & its Bands, Parts of Total Station, control panel introduction, Display (LCD) introduction. In the afternoon session, Hands on session in the field using Total Station has been carried out where students were divided into various batches. Students learned to perform Centering and levelling, opening a job and creating a file in Total station, saving a file in total station, setting up a total station with assumed coordinates, measurement of known area and area calculation using Total station.

On Day 2, students learned about coordinate systems, how to set up station point using ground coordinates and set up of back sight point. Further, hands on session in the field using Total station was carried out where students did reconnaissance survey for fixing the station points, reference points. They collected field points of the given area with reference to coordinates and further cross verified with respect to Google maps.

On Day 3, Students learned how to transfer data from total station to PC, Post processing of data using AutoCAD, preparation of map coordinates taken, selection of stake points on the map. Further students proceed to field to stake out the points using total station on ground.

After the hands-on session, Speakers Mr.K.Balachandu and Mr.C.Samuel Peter were felicitated by Principal Mam Dr. Y. Vijayalata, KGR CET. In the valedictory session, Dr.SoumyaSingha,HOD Civil Department, faculties of Civil Department and students were present. Students given their feedbacks on three days’ workshop. Faculty coordinators of this workshop were Mr. Jagadish Harannati, Mr. P. Mahantesh, Mr. G. Venkatasai Prasad. Lastly, the session ended by the vote of thanks delivered by Mr. G. Mounika Naidu.



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**THREE DAYS WORKSHOP ON
TOTAL STATION**

29th - 31st December 2022
10 AM - 4 PM

Organized by :
DEPARTMENT OF CIVIL ENGINEERING

In association with :
HIEE

@kgrcet



Inaugural session of Three days' workshop on Total Station

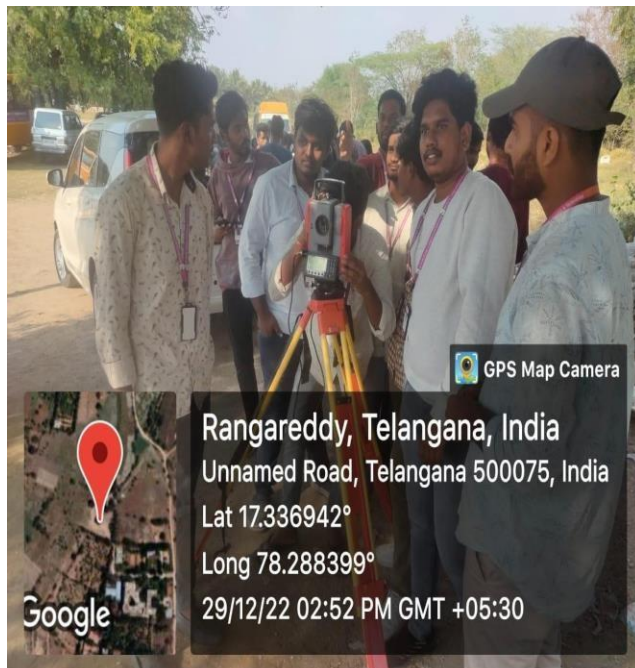


Figure 2: Students taking the readings.



16. Faculty Achievements:

- Dr. Soumya Sucharita Singha, Associate Professor and HOD published a Patent on “Water Management Device” on 9/12/22.
- Dr.T. S Ramesh Babu, Associate Professor published a Patent on “A Bamboo-based Fiber Composite Material for Structure and Building Construction Method Thereof” on 23/12/22.
- Mr. K. Thangamani, Assistant Professor published his paper on “Experimental Study on Partial Replacement of Cement Using Marble Powder and coarse Aggregate with Demolished Waste” in AIP conference Proceedings, Scopus Indexed.
- Mrs. G. Mounika, Assistant Professor published her 2 Research paper’s on “Experimental Investigation on the Sulphuric Acid Resistance Using Mineral Admixtures” and “Digital Image Processing for Idle Time analysis of Construction Equipment” in AIP conference Proceedings, Scopus Indexed.



17. Student Achievements:

Our student “Sravan Rao Thandra” has taken admission in MSc Civil and Structural Engineering at Teesside University. We all congratulate him for his achievement and wish him success in future.

18. Certificate Course on AutoCAD

Department of Civil Engineering in Association with Green Construction Club and Sky Rider Institution organised certificate course on Auto CAD from 15-11-2022 to 30-01-2023 to IInd year Civil Engineering Students of KGR CET. Trainer was Ms Reshma Begum, CAD expert from Sky Rider



Institution, have conducted training session during complete course by teaching them 2D and 3D modelling of Civil Engineering CAD, which plays prominent role for an Civil Engineer to grab opportunities in Civil Industry. Nearly 42 Students from IInd year Civil Engineering registered for the Course and Successfully Completed. AutoCAD is a program extensively used by civil engineers and other professionals all over the world. It allows a designer to analyse, design and plan easily and efficiently. People can access easily AutoCAD designs from anywhere as the software also provides cloud integration. Students practised all the Commands during the practice sessions. CAD Expert also gave projects for the students to evaluate their understanding level at the end of the course by dividing them into team of 5 members, for which students need to submit report. This course was highly beneficial to all the registered students which will give them Internship and placement opportunities.



Students Achievement

19. Students Achievement

List of students presented papers in Scopus Indexed Conference

Roll Number	Name of the Student	Title of the Paper Presented	Title of the Activity
19QM5A0119	M Ashwini	Utilization of Bio Medical Waste plastic and stp –Sludge in bricks	2nd International Conference on Multifunctional held at Geethanjali college of Engineering and Technology
18QM1A0108	M Aravind Kumar	Properties of concrete by partial Replacement of cement by using Saw Dust and Egg Shell Powder Material	
18QM1A0133	T Sravan Rao	Strength properties on Soil Stabilization with Banana leaves Ash	
19QM5A0126	T Deekshitha	Experimental Investigation on Black Cotton Soil Stabilized With Geo Synthetic Material (Bamboo Fiber)	
19QM5A0104	A Rajesh Ram	Experimental Investigation on Compressive strength and Acid Resistance of Autoclaved Aerated	

		Concrete using GGBS	
17QM1A0117	L Narendra	“Experimental Study on Mechanical Properties of M-25 Grade Concrete with Cow Dung Ash and Waste Rubber Tubepieces”	
19QM5A0124	S Lakshmi Narayana	Experimental study on partial Replacement of cement in concrete with sugarcane Baggasse Ash Using Magnetized Water	International Conference on Recent advancement in Civil Engineering at Oriental Institute of Science and Technology

- Our student “**Sravani Reddy Navapeta**” has taken admission MS in **University of Texas Arlington** in **Construction Management**. We all congratulate her for his achievement and wish him success in future. student got admission for pursuing



20. ONE DAY CAD HACKATHON –(CADATHON)

Department of Civil Engineering in Association with Green Construction Club and Sky Rider Institution organised ONE DAY CAD-HACKATHON (CADATHON) on 03-02-2023 for IInd year Civil Engineering Students of KGR CET. Civil Engineering Auto CAD, plays a prominent role for Civil Engineer graduates to grab opportunities in Industry. Nearly 50 Students from IInd year of Civil Engineering participated for this Hackathon. During this event students were asked to submit write-up along with their Drafted Plan of AutoCAD. This write-up describes their Innovative ideas and Creativity for Sustainable Plan which will be useful for future generations. In their Write-up they need to answer questions like why did your team choose this Plan? How will this Plan benefit current society? What makes the Plan convenient? What makes the Plan feasible for future generations? What makes the Plan exciting or unique? Students were judged based on Design methodology, CAD design, CAD aesthetics, however animations were optional and was based on students’ interest. Through this CADATHON, students got a wonderful opportunity to present their ideas based on the learning from their certificate course on AUTOCAD.



21. SEMINAR ON BUILDING INFORMATION MODELLING Using REVIT

Department of Civil Engineering in Association with Green Construction Club organised "Seminar on Building Information Modelling using REVIT" on 28-02-2023 for IIIrd and IVth year Civil Engineering Students of KGR CET. Session was presented by Er. MD Mukaram, BIM Engineer, Architude BIM Services, Hyderabad. Through session, Mr Mukaram delivered content of BIM and many advantages of using this software which plays a key role in today's construction field. He mentioned that BIM software such as Revit is now used by 73 percent of respondents. Infact, Revit software is used by 50% of those surveyed (whether they are architects, MEP engineers, or structural engineers) for their daily 3D modelling operations. Revit modelling offers various advantages, and it is one of the most used tools for producing and managing building models. Earlier engineers invested most of their time in conceptualizing and drafting. The introduction of Computer-Aided Design was a groundbreaking moment and since became the standard tool for architects and engineers. Engineering software has evolved and changed tremendously in the last two decades as computing potential has

risen. One of the most recent programs is Revit. These important details were shared to students through this seminar.



GREEN CONSTRUCTION CLUB

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SEMINAR ON BUILDING INFORMATION MODELLING BY USING REVIT

28th February, 2023
2:00 PM - 3:00 PM

VENUE : SEMINAR HALL

Er. Md. Mukaram
B.E., M.Tech., Civil Engineering
BIM Engineer

Organized by:
DEPARTMENT OF CIVIL ENGINEERING

Association with:
GREEN CONSTRUCTION CLUB

@kgrcet



Resource person presenting about BIM



Civil Engineering students attending Seminar