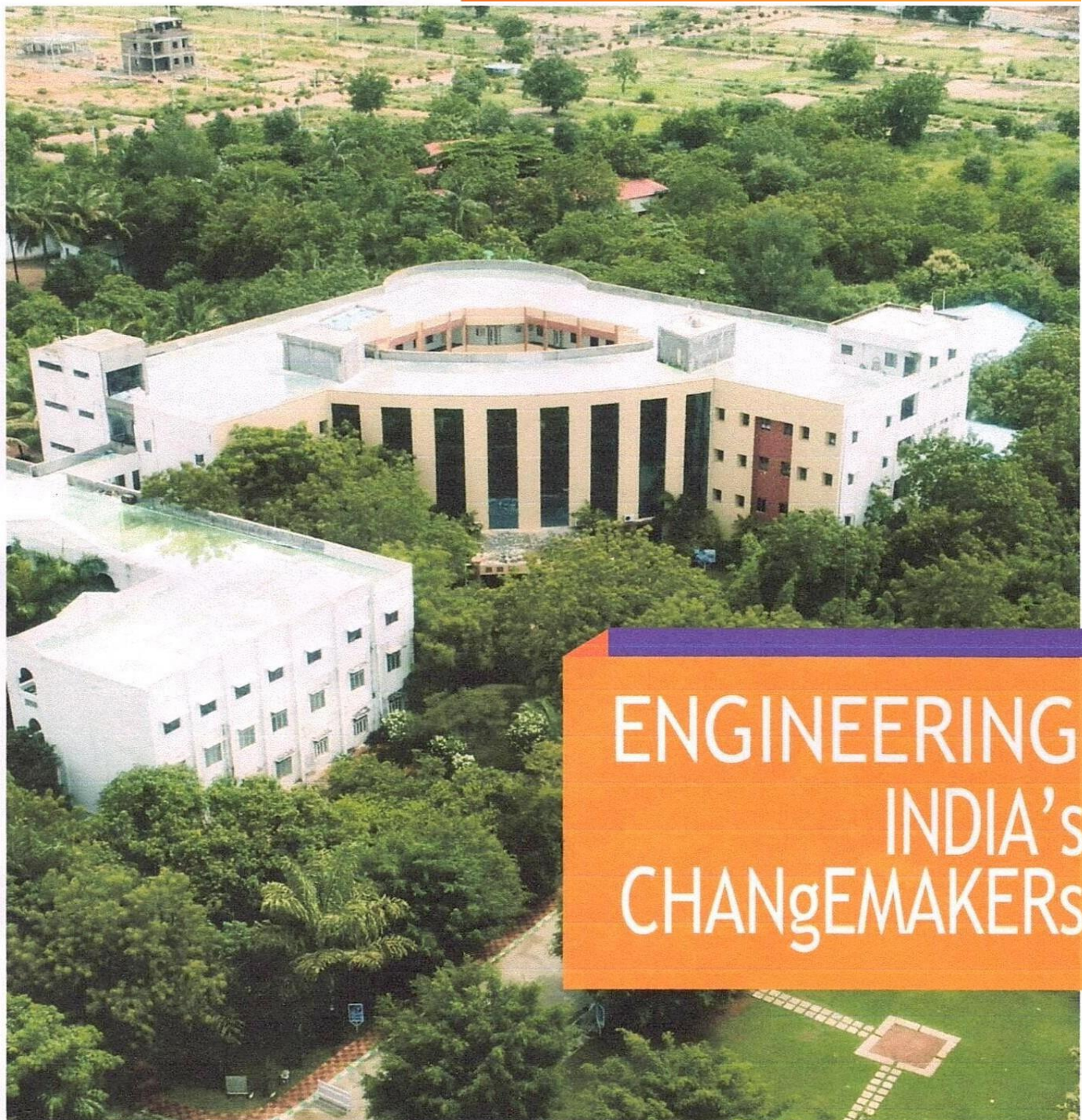


**VOLUME 14 2022-23**

**DEPARTMENT OF CIVIL ENGINEERING**



**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 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. Seminar on “Career Opportunities for Civil Engineers”

Department of Civil Engineering in association with Green Construction Club had organized a Seminar on the topic "Career Opportunities for Civil Engineers" on 14th March 2023 for IInd, IIIrd and IVth year Civil Engineering students of KG Reddy College of Engineering & Technology, Hyderabad. Mr. Mani Mohan Trinath, Resource Person from ACE Academy enlightened the minds of Civil Students with a broad explanation on future opportunities in different sectors in Civil Engineering, where a Civil Engineer can have with wide range of packages. He motivated them through his life experiences and explained them, the skills and knowledge a Civil Engineer must have to fulfil today's requirements. He guided them to follow up the steps that he suggested that makes them to reach out their goals to get succeed stepping in future endeavours. He also briefed about various positions in the government sector starting from Assistant Engineer, Assistant Executive Engineer, Executive Engineer to Chief Engineer and starts from Trainee Engineer to Chief Executive Officer in the private sector. Nearly 94 students have attended this programme and got benefitted.



**Resource person explaining career opportunity in seminar Hall**



**Mr. Mani Mohan Trinath, Resource Person Presenting Career Opportunities after graduation in different Civil Engineering sectors.**

## 2. “Industrial Visit to National Academy of Construction (A Society of State Government of Telangana), Hyderabad”

Department of Civil Engineering conducted a one-day industrial visit for 2nd and 3rd year students on 12th November 2022. Students and Faculty Coordinators Mr. Mahantesh Purati and D. Harika started from college at the time of 10:00AM and we reached their by 10:45AM. Mr. Ravi Kumar, Assistant Professor of NAC Institute explained briefly about “Career Prospects of B. Tech in Civil Engineering” by presenting on courses offered by NAC, Hyderabad. National Academy of Construction, Hyderabad is an education institution for development of all types of construction resources, technologies, and methodologies for fast-track completion of projects. From this visit students learned so many things practically in the Institute. For this programme attended 65 students and 2 faculty members.



**Senior Engineer explaining about detailing of constructing a door**

## 3. Students Participation in “Project Expo” outside of the College

Vidya Jyothi Institute of Technology, Hyderabad had conducted “Project Expo” on 2nd April 2023. Students of final year from Civil Engineering Department, had participated in the Project expo. Two teams prepared Sustainable Canteen Model and Fantasized Colony Outline Model and presented in that expo.

Sustainability is meeting the needs of the present without compromising the ability of future generations to meet their own needs. Sustainable canteen is a concept of building a canteen using sustainable materials. It consists of Bio-gas, Solar panels, Agroforestry, Solid waste management, Plastic bricks. Fantasized Colony Outline is a model in which students presented solutions for major problems like carbon emission from construction sector, excess usage of plastic, groundwater depletion. Students have presented natural solutions to the problems mentioned through their model such as construction of green

building, plastic roads, water harvesting pits, solar panels, and kinetic footpaths.



**Students presenting their model to all viewers**

#### **4. Faculty Achievements:**

1) Rathna Chary.M published his research paper on “Review on Optimizing Text Video Retrieval using CLIP (Contrastive Language-Image Pre Training)” in Lecture Notes in Electrical Engineering (Scopus Indexed).

#### **5. Student Achievements:**

1) Three students of B. Tech third year Civil Engineering “G. Chaitanya Kumar, R. Jagadeshwar Reddy, Miryala Srinath” have Successfully Completed Certification Course on “Water Proofing Protection on Concrete Structures” Organized at VJIT, Hyderabad from March 20th to March 21st 2023.

2) Two Students of B. Tech 4th year, “G. Vamsi & Y. Yougendar Chary” selected for undergoing Internship for a period of 3 months with stipend as a “Trainee Marine GIS Engineer” in “IIC Private Technologies Limited, Hyderabad”.

#### **6. Students participated in IIT Madras Tech Fest (CEA 2023):**

Students of Civil Department, KGR CET had participated in Civil Engineering Association (CEA) Tech Fest, IIT Madras, 2023 held from 31st March to 2nd April. Total eight students participated in various events such as Master Builders, CEA Modelling, Potential Professor and Quiz.

1. Yesa Bhavani won third prize in the Potential Professor event along with cash prize.

2. Yesa Bhavani, Chilumula Rahul and Naveen Konda cleared the first round in Quiz and were shortlisted for final round competition.

3. Chilumula Rahul, Naveen Kumar Uradi, Manne Kishor, G. Rushikesh Sai Kiran shortlisted for the final round for "Master Builders" Event.



**Students prepared a Bridge model using Aluminum Strips (KGR Builders) at IIT Madras.**



**Group pic of our students with other participants (IIT & Non IIT) and Professor of Civil Department, IIT Madras**



**Winner of Potential Professor Event (Yesa Bhavani)**



## **7. Certification Course on Advanced Surveying with Total Station & DGPS:**

Department of Civil Engineering had organized a certification course on “Advanced Surveying with Total Station & DGPS” from 25th April to 29th April 2023 for the students of 2nd year with an objective of imparting adequate working knowledge on surveying using Total station instrument. Mr. M. Dinesh, Senior Engineer, AMIGO Artificial Intelligence & Geoinformatics Private Limited was the resource person. Students learned how to use the instrument and its various applications to perform on field. Students learned how to perform different operations for taking various measurements viz., distance, angle measurements. They learned how to determine area of a given selected region using Total Station, followed by how to transfer the data in PC and complete the drawing in AUTOCAD. In overall, Students got a brief idea about the component parts, its operations, and advantages of Using Total Station. In addition, Mr. E. Ravichandra, Director, AMIGO Artificial Intelligence & Geoinformatics Private Limited also demonstrated students on usage of Digital Levels and how now a days utilized for surveying purpose. Around 50 students get registered for this certification course. Mr. Venkat Sai Prasad, Assistant Professor, Civil Department, was the faculty coordinator of this event.



**Mr. M. Dinesh, Trainer, AMIGO explaining about Total Station instrument its component & applications**



**Students are performing setting operations of instrument before taking readings**



**Group pic with Team of Civil Department, Resource persons, AMIGO, Vice Principal and Principal, KGR CET at the closing ceremony.**

## **8. Faculty Achievements:**

- 1) Mr. Jagadish S.H, Assistant Professor, Civil Department published his research paper on “Stabilization of Expansive soil by using Shredded tyre chips as an admixture” in AIP Conference Proceedings (Scopus Indexed).
- 2) Dr. Soumya S. Singha, HOD Civil had been invited as a guest Speaker to deliver an Expert talk on “Groundwater Vulnerability Assessment- An overview” by Lakhmi Chand group of Institutions, Bilaspur, Chhattisgarh on 26/04/2023.
- 3) Dr. Soumya S. Singha, HOD Civil had received “Certification of Appreciation” for being a Reviewer for Technical Papers of ICETE 2023.
- 4) Dr. Soumya S. Singha, HOD Civil, had received “Certification of Elsevier Reviewer Recognition” for reviewing research article for “Heliyon Journal” indexed in Scopus, Web of Science and Emerging Sources Citation Index (ESCI) in the month of April 2023.



## 9. Student Achievements:

- 1) Yesa Bhavani of final year received third prize along with cash prize for Potential Professor Event at IIT Madras on 2nd April, 2023.
- 2) IV-year B.Tech Civil students Miss M. Madhuri and Miss A. Murari, got a paid Internship opportunity as an 3d Artist Intern Trainee position at Ideal Arch Visuals (Spacebound Labs), Hyderabad, from April 5th 2023.
- 3) IV-year B.Tech Civil student Ajith Reddy, got a paid Internship opportunity at MEGA Engineering and Infrastructure PVT. LTD, Hyderabad, from April 13th 2023.
- 4) IV-Year B.Tech Civil student Viswanath Hemanth Kumar got a placement opportunity as Site Supervisor at Blue Blockers Waterproofing Solution at Hyderabad from April 8th, 2023.

## **10. Students participated in National Level Technical Symposium:**

Students of Civil Department, KGR CET had participated in Nirmaan 2023, a National Level Technical Symposium, held during 5th May and 6th May 2023 at the Department of Civil Engineering, University College of Engineering, Osmania University. Total of thirteen students participated in various technical events such as CADMANIA, Rapid Survey, Sethu Nirmaan, don't sink and Quizo Phile.



**Students preparing Bridge model in Sethu Nirmaan Event**



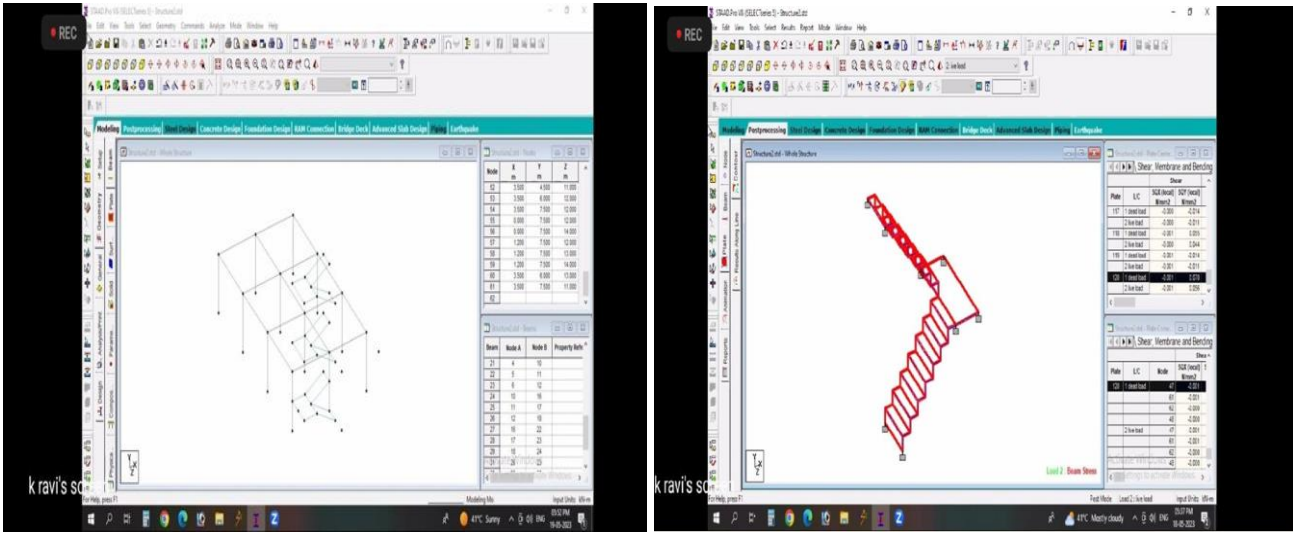
**Glimpses of NIRMAAN 2K23**

### **11. Completion of Summer Internship:**

Students of 2nd year of Department of Civil Engineering had successfully completed two weeks Summer Internship from 15th May to 31st May, 2023. In total 51 students undergone internship from Jaswanth Engineering Services (JES)- PEB & structural steel Design & Detailing, Visakhapatnam, SAP Engineers, Vikarabad, Hyderabad and SkillDzire Technologies Private Limited, Hitech City, Hyderabad, Lorven Homes

Private Limited, Balanagar, Hyderabad. In this Internship students learnt STAAD Pro software, which is a structural analysis and design software widely used in the field of Civil Engineering. Students learned how a building can be analyzed and designed after application of various types of loads. Students also observed the visual interpretation of structural behavior that help them to understand the load distribution that withstand forces. Some students took internship from the construction companies, where they got an opportunity to learn about the construction process of water storage tank. Moreover, students interacted with the workers involved in constructing a tank and observed the formwork construction of outer wall of tank. Students were given detail information related to Tank Construction. They learnt design and construction process of footings, beams, columns, brick work. They learnt about quantity estimation that is how much material required for the construction. Few students undergone training on REVIT software from JES-PEB & structural steel Design & Detailing, they learnt about

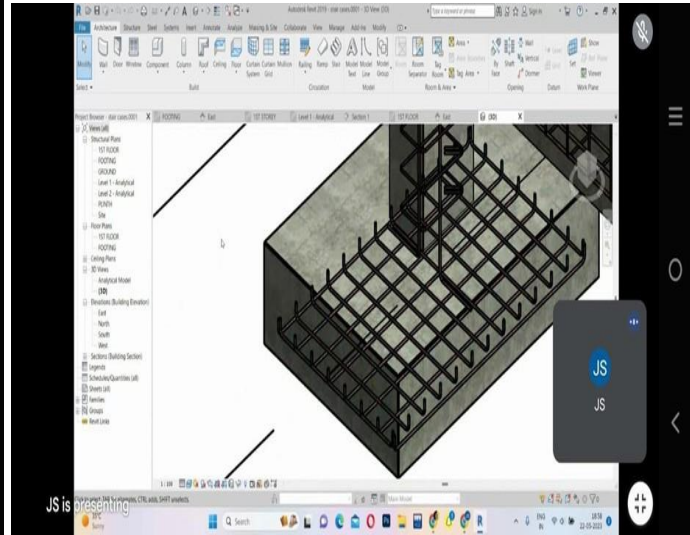
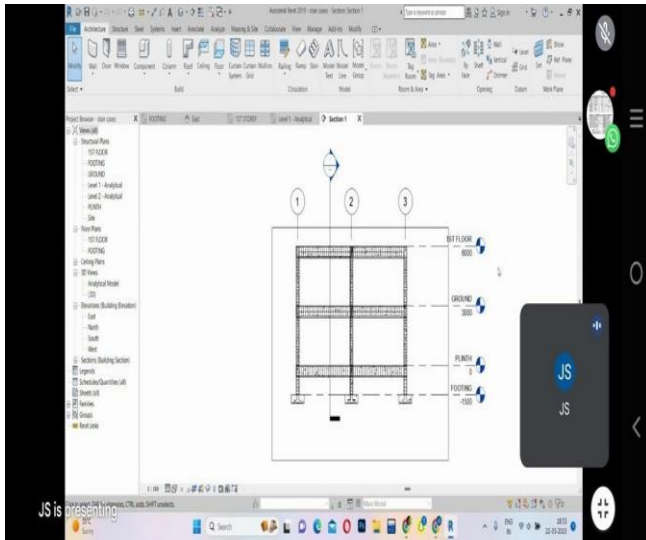
how to create levels, columns, beams, stair cases, and slabs. How to set up reinforcement in structure and detailing of structure.



**Students Designed Staircase using STAAD tools**



**Students observed formwork construction of water tank**



## 12. Faculty Achievements:

- 1) Mr. M. Ratna Chary, Assistant Professor, Civil Department received Certificate of Appreciation for his outstanding service rendered in coordinating Blood donation camp at KGR CET Campus.
- 2) Dr. Soumya S. Singha, HOD Civil, had received “Certification of Elsevier Reviewer Recognition” for reviewing research article for “Heliyon Journal” indexed in Scopus, Web of Science and Emerging Sources Citation Index (ESCI) in the month of May 2023.
- 3) Mr. K. Thangamani, Assistant Professor, Civil Department presented a research paper entitled “Strength Properties of Soil Stabilization with Natural Fiber (Coconut Fiber)” in Indo-African International Conference on Advancements in Construction Materials (ICACM 2023) on 28th and 29th of April 2023 organized by the Department of Civil Engineering, VJIT, Hyderabad.



### CERTIFICATE of PRESENTATION

This is to certify that  
 Dr./Mr./Ms. Thangamani K  
 presented their paper titled Strength properties of Soil Stabilization with Natural fiber Coconut fiber  
 Indo-African International Conference on Advancements in Construction Materials (ICACH 2023)  
 on 28th & 29th of April 2023, organised by the Department of Civil Engineering,  
 Vidya Jyothi Institute of Technology, Hyderabad, Telangana, India.



### 13. Student Achievements:

- 1) K Bhanuprakash of B. Tech 3rd year received first prize in CADMANIA Event, Nirmaan 2023, held at Osmania University on 6th May 2023.
- 2) M. Tharun and P. Ujjwala of B. Tech 3rd year received first prize in Rapid Survey Event, Nirmaan 2023, held at Osmania University on 6th May, 2023.
- 3) Ch. Vaishnavi, S. Sravya, Gattu Bhargavi, Godasu Bhargavi of B. Tech 2nd year received first prize in Nirmaan 2023, held at Osmania University during 5th and 6th May, 2023.

### 14. One Week activities in runup to World Environment Day

In runup to the World Environment Day on 5th June, 2023, as a part of AICTE initiative, Department of Civil Engineering in Association with National Service Scheme and Green Construction Club had organised events from 31-05-2023 to 05- 06-2023. The whole program was coordinated by Mrs G

Mounika and Mr M Rathna Chary, Assistant Professor, Civil Department, KGR CET with the support and guidance from Dr. Soumya S. Singha, HOD, Civil and Dr. Y. Vijayalata, Principal, KGR CET. Different activities had been conducted for 5 days. Around, 50 students participated in the event. The purpose of taking these activities was to create awareness and inculcating sustainable consumption behaviour. World Environment Day is celebrated every year on 5th June with a theme. The theme of World Environment Day 2023 was “Solutions to Plastic Pollution”



**Banner for Activity**



**Inaugural followed by Day 1 activity**



**Students participating in awareness Campaigning on Sustainability Practices**



**Students participating in excavation of compost pits**



**Distribution of Cotton bags as a part of awareness Campaigning on Say No to Single use Plastic**



**Stall for Collection of wastes at KGR CET Campus.**



**Save water actions in campus**



**Tree plantation activity on 5th June, 2023 (World Environment Day) at our campus.**

### **15. One Day Workshop on “Wellbeing Out of Waste- A Step towards Circular Economy”**

Department of Civil Engineering in association with Green Construction Club and WOW, ITC Limited had organised a “One Day Workshop on Well being out Of Waste- a Step towards Circular Economy” on 15th June,2023. Mr S N Umakanth, Chief Manager, Head of WOW, ITC Limited was the resource person in the workshop. Around, 100 Students of Civil Engineering Department from 1st, 2nd, 3rd, and 4th year had attended this workshop. In this workshop, Speaker gave complete details of recycling of different wastes and how can an individual avoid throwing waste on roads. Moreover, Speaker made all the participants to take a pledge to keep our environment clean and green. Speaker also mentioned the individual responsibility should be carried out by each citizen of India to keep our country clean and green. Mr. Umakanth SN Umakanth given the awareness about the importance of source segregation and recycling. Furthermore, he delivered that how proper segregation reduces the amount of waste going to landfills while the dry waste collected provides competitive raw material to several industries, e.g. glass, paper and plastic. Rag-pickers and waste workers also earn higher and more regular incomes.



**Banner of workshop**



**importance of this workshop**



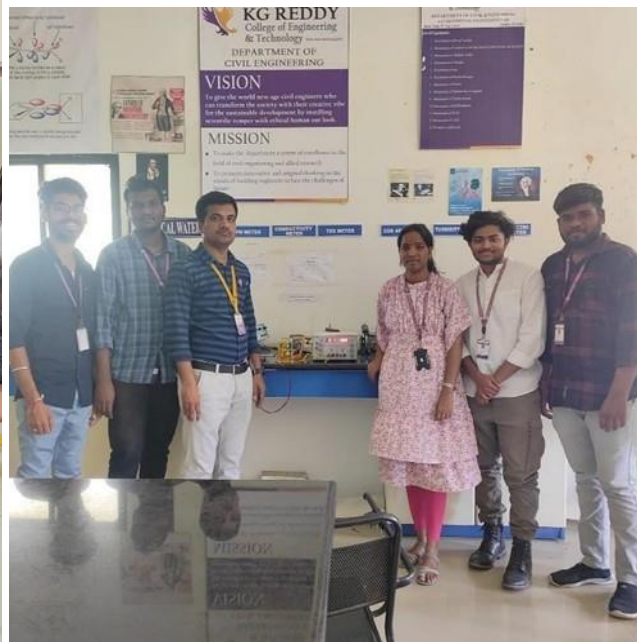
**Resource person delivering about Solid Waste Management Scenario in India**



**Students received medals for their active participation in World Environment Day activities by Chief Manager, WOW ITC, Limited**

## 16. Project Expo: Students showcase Innovative Projects in Department of Civil Engineering

The Department of Civil Engineering had organized Project Expo for the projects designed by students on innovative ideas on 16th June 2023 from 10.00 am onwards at Civil Block, KGR CET. The major objective of organizing this expo was to provide the platform and unleash the potential of the students by showcasing their innovative projects developed in the Final Year either focusing Industry Defined Problems or User Defined Problems and provide an opportunity for the students to demonstrate their learning experience. The outcome of the PROJECT EXPO was that students were able to show their project at higher level and the process boosted their confidence. Project Prototypes prepared by students focusing on real world problems in the areas of core Civil Engineering domains with application of IOT in few projects. The final year students show cased their work through prototypes and poster presentations. Project Expo was organized by the faculty Coordinator, Mr. Jagadish SH under the guidance of Dr. Soumya S. Singha, HOD Civil. This expo also provided a unique platform to the participating students for their innovations and new experiences with the community. With the help of student volunteers, faculty members, and PRC committee members of Civil Department, the event could be completed successfully. The efforts of each faculty member (guides) in making their projects group perform at their best was appreciable. Finally, after successful completion of Project Expo, Head of the Department congratulated all faculty members and students for their active participation.



**Students demonstrating the working mechanism through their prototype to Mr. M. Rathnachary, Associate Head and Mr. K. Thangamani, Senior faculty of Civil Department.**



**Glimpses from Project Expo with their Project Guides and Dr. Soumya Singha, HOD Civil.**

## **17. Faculty Achievements:**

1. Mr. M. Ratna Chary, Assistant Professor, Civil Department received the “Best NSS PO” award in the occasion of KGR CET ANNUAL DAY 2022-23. Based on the conduction of NSS activities in the college for A.Y of 2022-23.
2. Mr. M. Rathna Chary, Assistant Professor, Department of Civil Engineering received “KGR Change Maker” award for AY 2022-23.
3. Mr. K. Thangamani, Assistant Professor, Civil Department received “Excellence in Research” award for AY 2022-23.
4. Mrs. Mounika Naidu, Assistant Professor, Civil Department received “Best faculty” award for AY 2022-23.
5. Mr. Jagadish SH, Assistant Professor, Civil Department received “Best Mentor” award for AY 2022-23.
6. Dr. Soumya S. Singha, HOD Civil, had received “Certification of Elsevier Reviewer Recognition” for reviewing research article for “Scientific African Journal” indexed in Scopus, Web of Science and Emerging Sources Citation Index (ESCI) in the month of June 2023.
7. Mrs. G. Mounika Naidu, Assistant Professor from Civil Department published Student Paper entitled “Experimental Investigation on Compressive Strength and Acid Attack Resistance of Autoclave Aerated Concrete Using GGBS” in Material Today: Proceedings (Scopus Indexed).
8. Mr. K. Thangamani, Assistant Professor from Civil Department published a paper entitled “Evaluating the Potential of a Bamboo: A sustainable Alternative for Building Construction” in AIP Conference Proceedings (Scopus Indexed).
9. Mr. K. Thangamani, Assistant Professor from Civil Department published Student paper entitled “Strength Properties of Soil Stabilization with Banana leaves ash” in Materials Today: Proceedings (Scopus Indexed).
10. Mr. Jagadish S H, Assistant Professor, Civil Department published a paper entitled “Analysis on Improvement of Soft Clay Soils by Partial Replacement of CNS (Cohesive Non-Swelling Soils)” in European Chemical Bulletin Journal (Scopus Indexed).
11. Miss K. Himabindu, Assistant Professor, Civil Department published a paper entitled “Study on Key Factors of Mix Design properties of Self Consolidating Geo Polymer Concrete Using Artificial Neural Network-A Review” in European Chemical Bulletin Journal (Scopus Indexed).

12. Dr. TS Ramesh Babu, Associate Professor, Civil Department published a paper entitled “Experimental Investigations on Hybrid Glass Fiber Reinforced Slag Fly Ash Blended Geo Polymer Concrete” in European Chemical Bulletin Journal (Scopus Indexed).

13. Dr. TS Ramesh Babu, Associate Professor, Civil Department published a paper entitled “Performance Evaluation of Special Concrete with Steel Slag and Waste Glass” in European Chemical Bulletin Journal (Scopus Indexed).



## **18. Student Achievements:**

1. Dharamkar Vishwanath of B.Tech 4th Year got placed in 360 Life Company with a Package of Rs 2.8 Lakhs Per Annum.

2. B. Vidya Sagar of B.Tech 4th Year got placed in 360Life Company with a Package of Rs 2.8 Lakhs Per Annum.

3. P. Karthik Sagar of B.Tech 4th Year got placed in 360Life Company with a Package of Rs 2.8 Lakhs Per Annum.

4. Md. Riyaz Uddin of B.Tech 4th Year got placed in 360Life Company with a Package of Rs 2.8 Lakhs Per Annum.

5. P. Sai Kiran of B.Tech 4th Year got placed in 360Life Company with a Package of Rs 2.8 Lakhs Per Annum.

- 6.Ch. Rahul of B. Tech 4th year, received Student Changemaker award in boy's category on occasion of Annual Day celebration at KGR CET campus for AY 2022- 23.
- 7.Yesa Bhavani of B. Tech 4th year, received Student Changemaker award in girl's category for AY 2022-23 on occasion of Annual Day celebration at KGR CET campus.
- 8.Naveen Konda of B. Tech 4th year, received Best Performer award in boy's category for AY 2022-23 on occasion of Annual Day celebration at KGR CET campus.
- 9.G. Bhavya of B. Tech 3rd year, received Best Performer award in girl's category for AY 2022-23 on occasion of Annual Day celebration at KGR CET campus.
- 10.Shashank J of B. Tech 3rd year, received certificate of Excellence for being Secretary- Photography in Student Council for AY 2022-23 on occasion of Annual Day celebration at KGR CET campus.
- 11.Jagadish G of B. Tech 3rd year, received certificate of Excellence for being Secretary- Arts in Student Council for AY 2022-23 on occasion of Annual Day celebration at KGR CET campus.
- 12.Jagadish G, M. Tarun of B. Tech 3rd year and Maneesh Devarakonda and K. Haritha Reddy of B. Tech 4th Year, received certificate of Excellence for Best NSS Committee member for AY 2022-23 on occasion of Annual Day celebration at KGR CET campus.
- 13.P. Akash of B. Tech 2nd year received certificate of Excellence for Best DSA Committee member for AY 2022-23 on occasion of Annual Day celebration at KGR CET campus.

### **19. Board of Studies (BoS) meeting, Department of Civil Engineering, KGR CET**

On 4th July 2023, Department of Civil Engineering arranged a meeting with External BoS members at College Premises (Board Room) with listed agenda's such as Institutional level ranking and recognitions received, R&D update-Funded projects, paper publications, patents, consultancy in 2022-23 academic year, Students preparation for industry-certificate programmes conducted last academic year, Updates on placements of 2023 pass out batch, Approval of the course outline and Syllabus of KGR21- III and IV B.Tech, Approval of course outline and syllabus for KGR23- I and II B.Tech, Approval of tentative course structure for KGR23- III and IV B.Tech, Category-wise credit breakdown of courses, Open and Professional Electives, Continuous Internal Assessment (CIA) to receive feedbacks for further improvements. At the start of meeting, Dr. Soumya Singha, HOD, Civil Engineering welcomed all BOS members and introduced all the faculty members, CE to external BoS members. All the agenda were

presented and discussed accordingly. The structure and syllabus were discussed at length. BOS has approved the structure and syllabus of courses with modification suggested during the meeting.



**External BoS members (Dr. K. M. Lakshmana Rao, Prof., CE, JNTUH, Dr. Shashikanth Kulkarni, Prof., CE, OU, Dr. G Manohar, Prof., CE, MEC, Hyderabad) at Board Room, KGR CET and Mr. B. Srinivasu, Industry Expert, Nagarjuna Construction Company Limited, Mr. Sai Kiran Godha, Alumni, KGR CET (Joined Online) listening to the presentation delivered by Dr. Soumya Singha, HOD, Civil, KGR CET**



**Internal BoS members (Dr. TS, Ramesh Babu, Mr. Rathnachary M, Mr. K. Thangamani, Mr. Jagadish SH, Mr. Venkata Sai Prasad and Mrs. G. Mounika, faculties, CE, KGR CET) and Dr. Y. Vijayalata, Principal, KGR CET were present during the meeting.**

## 20. One Day Visit to IGBC (Indian Green Building Council) Property Show

Department of Civil Engineering in Association with Green Construction Club attended India's First Green Building Property Show on 29-07-2023 at Hitex Exhibition Center, Hyderabad. Faculty members Mr M Rathna Chary, Mrs G Mounika Naidu, Mr Thangamani K along with Students from Green Construction Club have attended this programme and interacted many top company delegates like IGBC, CII, Ultra Tech Cement, RE Sustainability, Prism Johnson Limited etc and explained about our department vision on

sustainable goals. IGBC Green Property Show is first-of-its-kind Expo that propels the concept of Green and Healthy living, aligning with Sustainable Development Goals (SDGs), which plays a prominent role in the society. Now a day's a Civil Engineering graduate should understand Latest Green Trends of the Market, Build Resilience to Climate Change, Create a Positive Environmental Impact. Visiting this show was highly beneficial for students and faculties, as it bridges the gap between academics and industries.



**Attended sustainable products stall at IGBC Show**



**Interacted with RE Sustainability delegates and their products**



**Presentation of Ultra Tech cement member regarding new sustainable cement**

## 21. Faculty Achievements:

1. Dr. Soumya S. Singha, HOD Civil, had delivered a guest lecture on 22nd July, 2023 on the topic “A GIS Based Groundwater Contamination Assessment using DRASTIC Geospatial Technique at Rungta College of Engineering & Technology, Raipur, Chhattisgarh through online mode and received Letter of Appreciation
2. Miss K. Hima Bindu, Assistant Professor, Civil Department delivered a session on ICAP Pedagogies in 5-day Workshop on “Implementation of Student-Centered Learning in Engineering Classrooms” held in KGR CET campus on 27th July 2023
3. Miss Himabindu K, Assistant Professor from Civil Department Published a student Paper On ““Experimental Study on Mechanical Properties of M-25 Grade Concrete with Cow Dung Ash and Waste Rubber Pieces” in in Material Today Proceedings, Elsevier on 10th July 2023 (Scopus Indexed).
4. Miss Himabindu K, Assistant Professor from Civil Department published Student Paper entitled “Exploratory survey on Durability Performance on High Strength Concrete with Copper Slag and Carbon Fiber” in European Chemical Bulletin, Vol12(10),4366-4377 on 5th July 2023 (Scopus Indexed).
5. Mr. M. Rathna Chary, Assistant Professor, Department of Civil Engineering received “Certificate of Appreciation” from Mahatma Gandhi National Council of Rural Education as a participant in the Practical Session of International Yoga Day 2023, Common Yoga Protocol, conducted on 20th June 2023 and received Pro Planet Pledge Certificate, MeriLife: Massive Tree Plantation Drive 2023

**KG REDDY**  
College of Engineering  
& Technology  
AN AUTONOMOUS INSTITUTION

CEED  
CENTER FOR ENGINEERING  
EDUCATION DEVELOPMENT

5-Day Workshop on  
**Implementation  
of Student-  
Centered  
Learning in  
Engineering  
Classrooms**

Coordinators:  
**Mrs. G. Keerthi Reddy & A. Parimala**  
CEED Coordinators

24th- 28th  
July 2023 10:00 am to  
4:00 pm

CEED Training Room, KGR CET Campus

Organised by: Center for Engineering  
Education Development

**Mrs. Tuti Sandhya**

**Dr. Madhulita Sundaray**

**Dr. K. Maithili**

**Mrs. G Lakshmi Bhavani**

**Ms. K. Hima Bindhu**

MGNCRE महात्मा गांधी राष्ट्रीय ग्रामीण शिक्षा परिषद  
Mahatma Gandhi National Council of Rural Education  
Department of Higher Education, Ministry of Education, Government of India

**Certificate of Appreciation**

*This is to certify that M Rathna Chary, Faculty, Civil Engineering, K G Reddy College of Engineering and Technology, Rangareddi, Telangana has participated in the practical session of International Yoga Day 2023, Common Yoga Protocol, conducted on 20.06.2023.*

*The programme was designed by the MGNCRE SESREC of K G Reddy College of Engineering and Technology in association with Vasantha Yoga Academy, Hyderabad.*

*This program is a part of Unnat Bharat Abhiyaan of MGNCRE UBA RCI supporting SDG3 and Mission LIFE.*

B S C Naveen Kumar  
RCI Coordinator, UBA MGNCRE

Certificate No: MGNCRE/RR/UBA/RCI/01

## 22. Faculty Participation in Lecture Series, FDP, Workshop, Seminar:

1. Dr. Soumya S Singha, HOD, Civil, Mrs. G Mounika Naidu and Mrs. Mohnika Samineni, Asst. Prof. CE, KGR CET, attended the Azadi Ka Amrit Mahotsav (AKAM) lecture series on “Role of Rock Engineering in Nation Building” 18th July, 2023 Organized by GITAM, Hyderabad and National Institute of Rock Mechanics (NIRM), Bangalore.



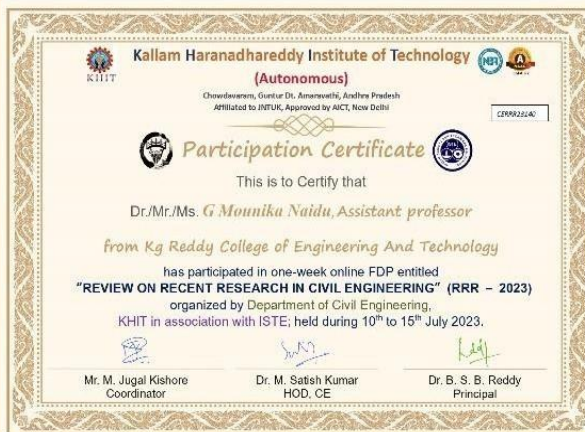
2. Mr. M. Rathnachary, Mr. Jagadish SH, Mr. Mahantesh P, Assistant Professor, Civil Department, KGR CET, participated in One Week FDP on “Primavera P6 V22” from 11th July 2023 to 15th July, 2023 Organised by Infinity PMC Solutions Private Limited, Hyderabad.



3. Mrs. Mohnika Samineni and Miss K. Hima Bindu, Assistant Professor, CE, KGR CET, participated in Two Day FDP on “Advancement in Materials and Structural engineering Research” Organized by Department of Civil Engineering, Matrusri Engineering College.

4. Dr. T.S. Ramesh Babu, Associate Prof. CE, Mr. K. Thangamani, Mrs. G. Mounika Naidu, Mr. G. Venkata Sai Prasad, Miss Himabindu, K, Mrs. Mohnika Samineni, Asst. Prof., CE, KGR CET, participated in One week FDP on “Review on Recent Research in Civil Engineering” (RRR-2023)

Organized by Kallam Haranadhareddy Institution of Technology and ISTE, held During 10th To 15th July 2023.



5. Mr. M. Rathna Chary, Mr. K. Thangamani, Mr. Jagadish SH, Mr. G. Venkata Sai Prasad, Mrs. Mounika Naidu, Mr. P. Mahantesh, Miss Himabindu K and Mrs Mohnika S, Assistant Professor, CE, KGR CET, attended Monthly seminar on "Student Centered Teaching and Learning" delivered by