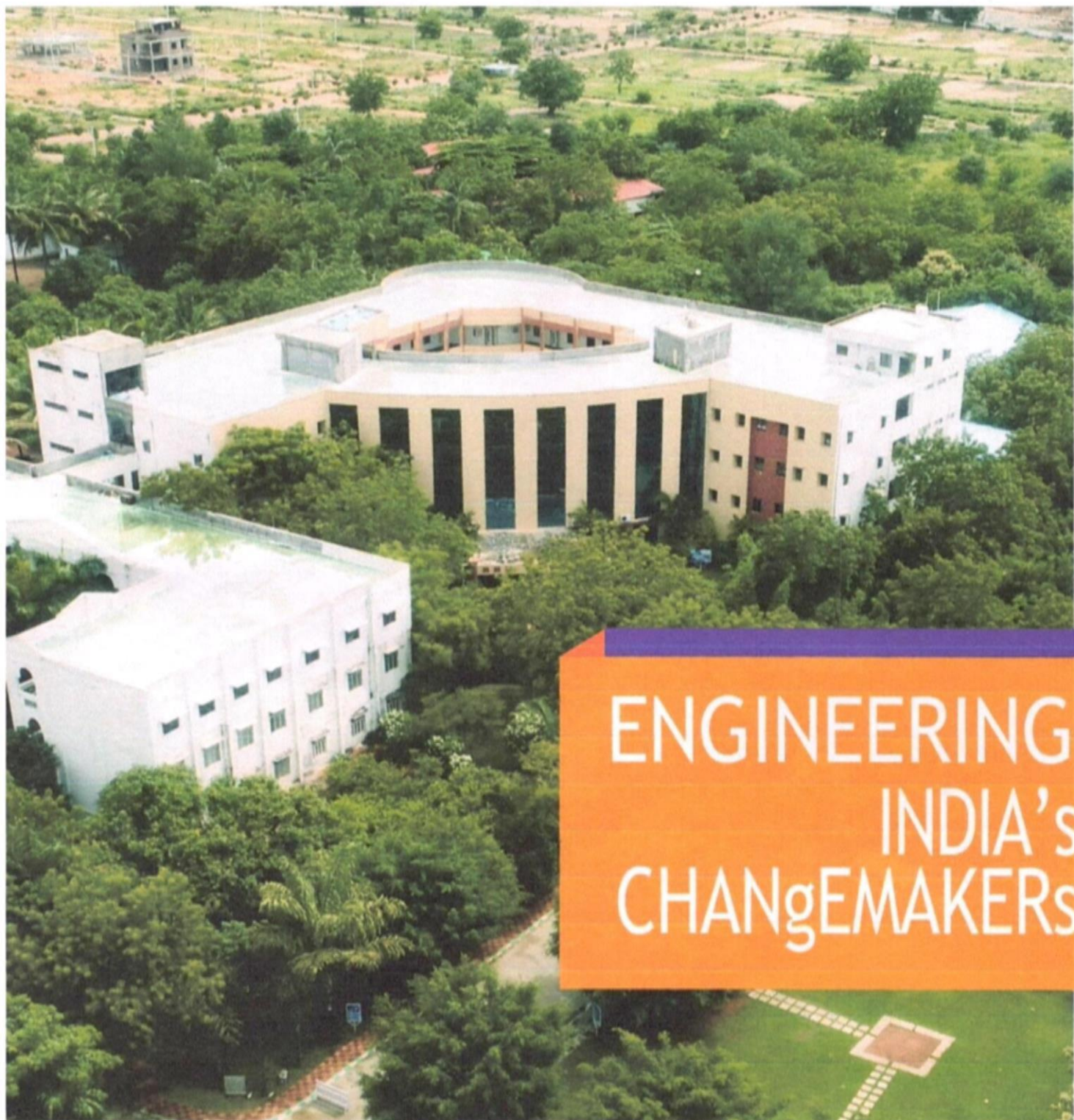


VOLUME 11 2021-2022



**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. Industrial Visit to JMC Projects, Kondapur

An Industrial visit to JMC Projects, Viva city, Kondapur, Hyderabad was organized by the Department of Civil Engineering, KG Reddy College of Engineering & Technology. This Industrial visit to high rise building Construction Site at Viva City, Kondapur scheduled on 13th December 2021. This visit was organized for the Third-year students of first Semester of Civil Engineering. Mr. Thangamani K, Assistant Professor, Civil Engineering Department accompanied students during the Visit. Site Engineer gave brief information about the site as he said it consists of total 8.5 acre of land and the total cost for the project is 200 crores and construction are about G+22 of total 4 blocks. He further explained the procedure of construction of various components of the building in detail and briefed about the safety measures as well as precautions to be followed during the Whole period of construction. He further gave a detailed explanation to the students about the different types of building material used in construction and tests carried out on the building material before its use in construction. Students were explained about various equipment such as Concrete Mixer, Earth Excavation/moving equipment's, Bar bending Machine. He also explained the different stages of construction. He explained about the testing of Compressive strength of hardened concrete and the workability of fresh concrete. The visit proved to be very much useful for the student for their future field practice and satisfied the objectives as mentioned earlier. All the students answered to the questions and the site engineer was satisfied with their response.









Few Glimpses of Industrial Visit

2. Seminar on “Guidance programme for Career Opportunities:


Department of Civil Engineering has organized a Seminar on the topic " Guidance Programme for career opportunities" on 20th December 2021 for our third year & final year students of the Department of Civil Engineering, KGR CET. Mr. S.ManiMohan Trinath expert trainer in Competitive Technical Exams delivered a lecture to students about their Career opportunities. During his session, he mentioned, B. Tech is one of the most preferred Under graduate degree courses among students from science stream post-school. Once you have completed engineering, What next? What to do after B. Tech? What are the available jobs after B. Tech? These questions are faced by many engineering students in the fourth year of B.Tech. Well, there are many routes you can take after completing your B.Tech. However, with the huge number of career options available



SEMINAR


TOPIC: A GUIDANCE PROGRAM
ON CAREER OPPORTUNITIES
AFTER B.TECH



SPEAKER:
S. M.M. TRINATH
FACULTY MEMBER AT
ACE ENGINEERING
ACADEMY

ORGANIZED BY: CIVIL ENGINEERING

Date: 20.12.2021 | Time: 11 am to 12.30 pm





Mrs. Mounika Naidu delivering Vote of Thanks

3. Orientation Programme for IInd Year Students:

Department of Civil Engineering had conducted a three-day orientation program for IInd year students from 4th to 6th October, 2021. All the students assembled in the T-414 Classroom. The programme started with an introductory speech by the Head of the Department, Dr. Usha Devi Patil. She welcomed the students for another academic year, introduced faculty to the students. In her speech initially she mentioned Vision, Mission of department and Program Educational Objectives (PEOs) of the program followed by activities carried out for overall development of students. Mr. Murali Krishna, Coordinator, Industrial Interaction & Training gave an inspiring talk about Industrial Interaction & Training and its importance for engineering students. The departmental faculty Mr. Thangamani K, Mrs. Shiwani, Mr. Jagadish SH, Mr. Rathna Chary, Mr. G. Venkata Sai Prasad, Mrs. Mounika Naidu, Mr. Vijaykumar, Mr. Mahantesh, Ms. Sujnani, Ms. K. Hima Bindu interacted with the students and encouraged them in planning their academics and also explained the way to encounter difficult subjects and guided them how to plan for exams, future plans, goal settings by motivating them. Moreover, explained the importance of participation in different clubs in college.

Mr. Shiwani, explained the students about importance of R & D and taught them the way to plan their mini and Main Projects with industrial real time projects and how it's going to help them in their career growth.

Mr. G. Venkat Sai Prasad explained about Technical Training and Placement also motivated the students with importance of TTP and what skill need to require to get on campus placements.

Over all the three days orientation program ended with team building activities and visited all laboratories.





Few Glimpses of Orientation Program

Faculty Participation in FDP:

Sr No.	Name of faculty	Title	Organizing College	From	To
1	Shiwani Srivastava	Python Programming for 5G Communication	MLR Institute of Technology	14.02.2022	22.02.2022
2	Himabindu	Python Programming for 5G Communication	MLR Institute of Technology	14.02.2022	22.02.2022
3	Himabindu	Recent and Emerging Trends in Structural Engineering	Bansal Institute of Engineering and Technology	28-02-2022	05-03-2022
4	Mahantesh P	Recent and Emerging Trends in Structural Engineering	Bansal Institute of Engineering and Technology	28-02-2022	05-03-2022
5	Thangamani K	Sustainable Construction Materials & Technology	School of Studies of Engineering and Technology	21-02-2022	25-02-2022
6	Venkata sai Prasad	Advances in Highway Technology and traffic system	Ramaiah Institute of Technology, Bangalore	07-02-2022	11-02-2022
7	G Mounika	Role of Green Energy for Sustainable Development	Deenbandhu Chhotu Ram University	29-11-2021	03-11-2021
8	G Mounika	“Green Technology & Waste Management: The era of Advance	Deenbandhu Chhotu Ram University of Sc.	23-11-2021	27-11-2021

		Manufacturing & Circular Economy	& Technology.		
9	Thangamani K	Green Building & Built Environment	CII-IGBC	25-10-2021	29-10-2021
10	G Mounika	Green Building & Built Environment	CII-IGBC	25-10-2021	29-10-2021
11	Shiwani Srivastava	Green Building & Built Environment	CII-IGBC	25-10-2021	29-10-2021
12	Shiwani Srivastava	Sustainable Development through bamboos	Alamuri Ratanmala Institute of Engg & Technology	17-09-2021	21-09-2021
13	Dr. Ushadevi Patil	Green Building & Built Environment	CII-IGBC	17-09-2021	21-09-2021
14	Sujnani K	Research Trends in Separation & Purification Techniques	NIT Raipur	13-09-2021	17-09-2021
15	Shiwani Srivastava	OBE For Quality Program	KGR CET	13-09-2021	
15	G Mounika	OBE For Quality Program	KGR CET	13-09-2021	
16	Sujnani K	OBE For Quality Program	KGR CET	13-09-2021	
17	Thangamani K	International Faculty Development Program on "Sustainable developments and practices in Geotechnical & Geo Environments Engineering"	Rajgiri School of Eng & Technology	12-10-2021	23-10-2021
18	Shiwani Srivastava	Sustainable change Management	International Management Institute Kolkata	06-09-2021	10-09-2021
19	Sujnani K	Types of Research & Sampling Techniques	Thakur Syam Narayana Degree college	24-09-2021	24-09-2021
20	Dr. Ushadevi Patil	Sustainable construction practice in Civil Engineering	Government Polytechnic Sakoli.	30-08-2021	03-09-2021

Faculty Participation in International Conference:

S.NO	Name of the Faculty	Title of the Conference	Place of the Activity	Type of Activity	From Date	To Date
1	Shiwani Srivastava	Ninth international conference on transformation in Engineering Education	Online	International Conference	07-01-2022	09-01-2022
2	M Rathnachary	Face Detection and managing attendance by using Raspbery pi	Online	International Conference	30-12-2021	31-12-2021
3	Thangamani K	International congress on advances in Mechanical Sciences (ICAMS 2021)	Vardaman College of Engineering	Conference	26-11-2021	27-11-2021
4	Dr. Ushadevi Patil	International congress on advances in Mechanical Sciences (ICAMS 2021)	Vardaman College of Engineering	Conference	26-11-2021	27-11-2021
5	G Mounika	International congress on advances in Mechanical Sciences (ICAMS 2021)	Vardaman College of Engineering	Conference	26-11-2021	27-11-2021
6	Dr. Ushadevi Patil	International conference and green built environment	IGBC	Conference	18-11-2021	20-11-2021
7	M Rathnachary	International conference on modern electronic devices and communication systems	GL Bajaj Institute of technology & Management	Conference	29-10-2021	31-10-2021

Faculty Achievements

a. Research Publication:

1. Sujnani Kadakolmath published her research paper on “**Analysis of treatment plant for dyeing industry effluent**” in AIP Conference Proceedings /Scopus, Issue-1, Volume - 2396, <https://aip.scitation.org/doi/abs/10.1063/5.0066306>.
2. **Mr. Mahantesh.P** published his research paper on “**A New Approach to Single Chambered Microbial Fuel Cell for Procreation of Bio energy In the Treatment of Sugar and Dairy Wastewater New approach to Single Chambered Microbial Fuel Cell for Procreation of Bio energy In the Treatment of Sugar and Dairy Wastewater** in ECS Transactions (SCI) Volume-107, Issue-1, <https://iopscience.iop.org/article/10.1149/10701.19573ecst>

b. Research Grant received:

Sr.No	Nature of the project	Duration	Nature of the funding agency	Total grant sanctioned	Amount received during the Academic Year
1	Community Based Project	1 Year	Telangana State Innovation Council(TSIC)	1,00,000	2021-2022

c. Appreciation & Recognition received:

S. No	Name of the Faculty	Title of the Activity	From Date	To Date
1	Thangamani K	Appreciation received for Paperpresentation on“Experimental Study on Partial Replacement of Cement with Using Marble Powder and Coarse Aggregate with Demolished Waste”	26-11-2021	27-11-2021
2	Dr. Ushadevi Patil	Appreciation received for Paper presentation on“Digital Image processing for Idle Time Analysis of Construction Equipment”	26-11-2021	27-11-2021
3	G. Mounika	Appreciation received for Paper presentation on “Experimental Investigation on The Sulphuric Acid Resistance Concrete Using Mineral Admixtures”	26-11-2021	27-11-2021
4	G. Mounika	Awarded as IGBC Accredited Faculty	25-10-2021	29-10-2021
5	Thangamani K	Awarded as IGBC Accredited Faculty	25-10-2021	29-10-2021
6	Shiwani Srivastava	Awarded as IGBC Accredited Faculty	25-10-2021	29-10-2021
7	Dr. Ushadevi Patil	Awarded as IGBC Accredited Faculty	13-10-2021	17-10-2021

Student Achievements:

A. Students Internships/Training:

S.N O	Roll No	Name of the Student	Title/Topic	Duration	Organization	From Date	To Date
1	18QM1A0124	PDVSE Abhiram	Pre Engineering Building Structures	1 month	Kirby Building Systems	21-10-2021	13-11-2021
2	19QM5A0110	D Abhishek	Pre Engineering Building Structures	1 month	Kirby Building Systems	21-10-2021	13-11-2021
3	19QM5A0113	K Umapathi	Pre Engineering Building Structures	1 month	Kirby Building Systems	21-10-2021	13-11-2021
4	18QM1A0109	G Akshitha	Pre Engineering Building Structures	1 month	Kirby Building Systems	28-10-2021	27-11-2021
5	18QM1A0114	K Likitha Naga Shivani	Pre Engineering Building Structures	1 month	Kirby Building Systems	28-10-2021	27-11-2021
6	18QM1A0127	P Naveen	Pre Engineering Building Structures	1 month	Kirby Building Systems	28-10-2021	27-11-2021
7	19QM5A0105	A Mallika	339 MLD Capacity Sewerage treatment Plant	1 month	HMWS	28-10-2021	27-11-2021
8	19QM5A0122	P Sarath Goud	339 MLD Capacity Sewerage treatment Plant	1 month	HMWS	28-10-2021	27-11-2021
9	19QM5A0111	J Hari Prasad	339 MLD Capacity Sewerage treatment Plant	1 month	HMWS	28-10-2021	27-11-2021

10	19QM5A0119	M Ashwini	339 MLD Capacity Sewerage treatment Plant	1 month	HMWS	28-10-2021	27-11-2021
11	19QM5A0117	K Vamshi Krishna	339 MLD Capacity Sewerage treatment Plant	1 month	HMWS	28-10-2021	27-11-2021

B. Students Received award:

S.No	Roll Number	Name of the Student	Title of the Activity	Place of the Activity	Type of Activity	Academic Year	From Date	To Date
1	20QM5A0130	Vidya Sagar	President Award	Lingampally, Hyderabad	Srujanostav 2022	2021-22	20.02.22	25.02.22

C. Students Workshop Attended:

S. No	Roll Number	Name of the Student	Title of the Activity	Place of the Activity	Type of Activity	From Date
1	19QM5A0112	K Bhargavi	AUTO CAD 2D Free Online Workshop	ACADD CENTRE	Online Workshop	05-12.2021
2	20QM5A0106	CH Rahul	AUTO CAD 2D Free Online Workshop	ACADD CENTRE	Online Workshop	05-12.2021
3	19QM5A0129	V Lakshmi Knath	AUTO CAD 2D Free Online Workshop	ACADD CENTRE	Online Workshop	05-12.2021