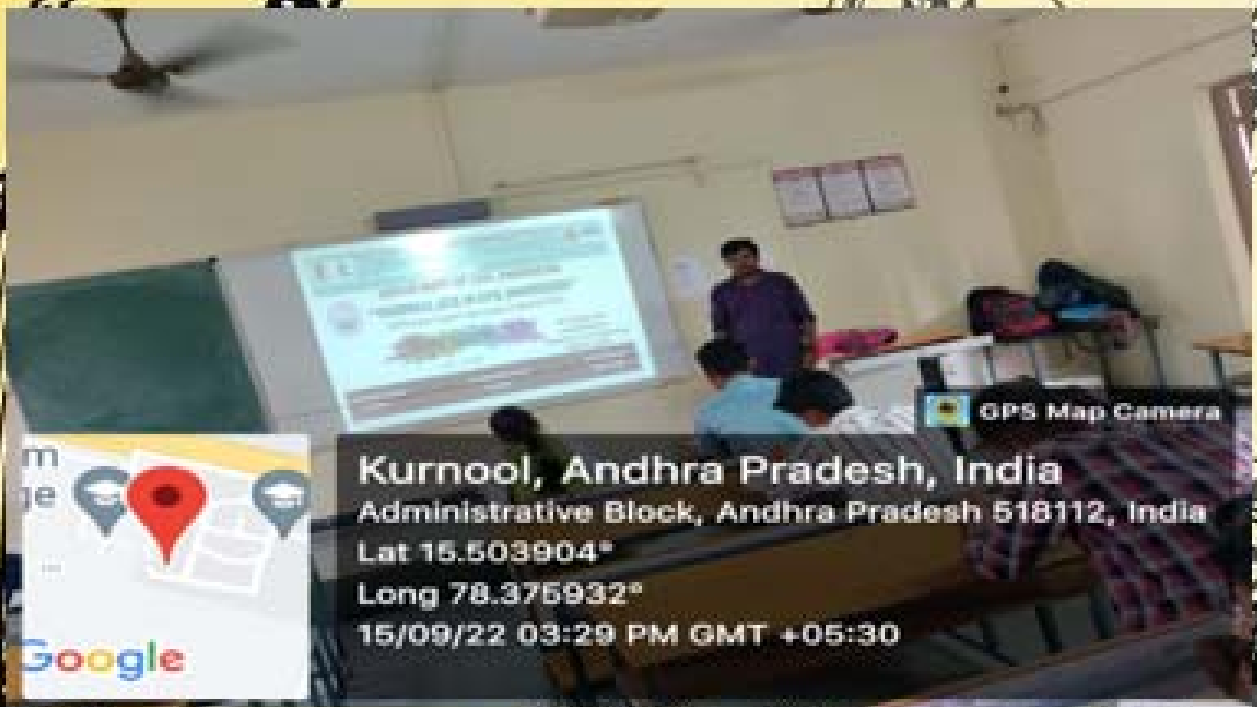
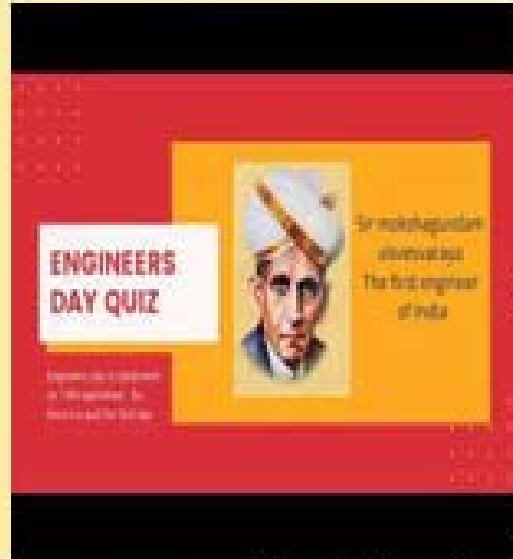


NIRMAAN

A News Letter from Department of Civil Engineering, R.G.M.C.E.T Nandyal

Volume 13, No.1, December 2022



**RAMU GANDHI COLLEGE OF ENGINEERING AND
TECHNOLOGY, NANDYAL, AP**



VISION

To be an outstanding department devoted to provide value based education in Civil Engineering which will produce socially aware professionals to provide solutions of global standards.

MISSION

- To impart quality education that develops innovative professionals with research orientation and entrepreneurs.
- To prepare professionals with emphasizes on leadership, team work and ethical conduct.
- To undertake collaborative projects and consultancy works with academia and industry.

PROGRAM EDUCATIONAL OBJECTIVES

PEO-1	Assessing societal needs and plan suitable infrastructure
PEO-2	Excel in Civil Engineering and in other allied fields
PEO-3	Develop team spirit and interpersonal dynamics for effective execution and Management of projects
PEO-4	Adhering life-long learning skills and adopt to changing professional and Societal needs

PROGRAM SPECIFIC OUTCOMES

PSO1	Capability to investigate, plan, analyze and design buildings for different purposes such as residential, commercial, public office, recreational etc. using STAAD Pro and relevant software
PSO2	Competency in preliminary engineering surveys, planning and design of infrastructure viz. roads, bridges and designing traffic control systems etc. using MX-Roads and other relevant software programs
PSO3	Conduct field and laboratory tests for analysis and quality control of civil engineering projects.



A Newsletter from School of Civil Engineering, R.G.M.C.E.T. Nandyal, December-2022

Editorial

It is a great pleasure to present before you the December month issue of 'NIRMAAN', the half-yearly newsletter of School of Civil Engineering, R.G.M.C.E.T, Nandyal. The current newsletter highlights the activities of our students and the achievements of faculty during the past semester. It also features visits by eminent persons to the department of Civil Engineering-R.G.M.C.E.T, Nandyal. The dynamism of the department is clearly reflected through the awards that our faculties and students have bagged in their credit. The main intent of 'NIRMAAN' is to disseminate information about our Department. We hope that the readers find the issue informative and useful.

EVENTS ORGANISED

1. For all IV- B. Tech I-Sem civil engineering students conducted “**Capgemini Specific Training Program**” by “**Logic Works Hyderabad**” from 03/08/22 to 09/08/22. The details about the topic and the resource persons are as listed below :

S. NO	TOPIC	RESOURCE PERSON
1	APTITUDE	Mr. Suresh
2	TECHNICAL CODING	Mr. J. Ganesh & Mr. Chaitanya
3	ENGLISH	Ms. Sharon Dubey



Resource persons explaining the various concepts



Students Understanding & learning the concepts



Resource persons giving intrview tips

2. For all III - B. Tech I-Sem civil engineering students conducted “**PYTHON Fundamentals & Coding training program**” by “**Learning Saga, Coimbatore**” from 22/08/22 to 27/08/22. The details about the topic and the resource persons are as listed below :

S. NO	TOPIC	RESOURCE PERSON
1	TECHNICAL CODING	Mr.N.Vamsi Krishna &Mr.AshokSelva Kumar, Learning Saga company, Coimbatore.



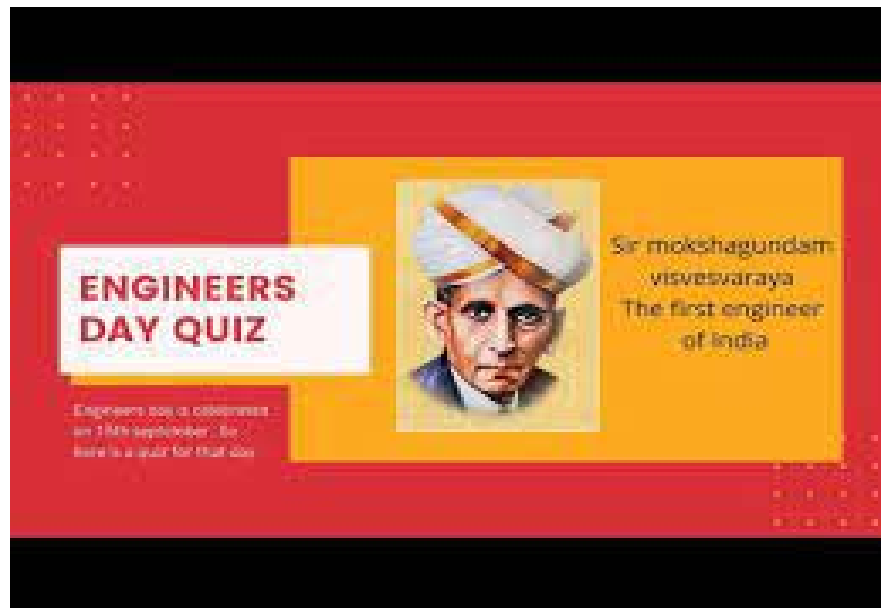
Resource person Mr.Vamsi Krishna giving introduction to students about python



Resource Person Mr. Ashok selva kumar



3. Department of civil engineering organized “**Technical QUIZ**” for all III & IV - B. Tech I-Sem civil engineering students on occasion of Engineers Day i.e; 15/09/2022.



IMPORTANT POINTS ABOUT ENGINEER'S DAY - 2022:

- ✓ Prime Minister Narendra Modi, Amit Shah & several other eminent individuals across the country paid their homages to the statesman and wishes all citizens.
- ✓ The theme of Engineer's Day 2022 is “**Engineering for a Healthy Planet – Celebrating the UNESCO Engineering Report**”





4. For all II - B. Tech I-Sem (FDH) civil engineering students RGM CET-CDC conducted “Bridge course on C-programming” by “BYTS company, Coimbatore” from 07/11/22 to 11/11/22.

S. NO	TOPIC	RESOURCE PESRON
1	TECHNICAL CODING	Ms. R. Armadhaa



Kurnool, Andhra Pradesh, India
G93G+Q7R, Andhra Pradesh 518112, India
Lat 15.504488°
Long 78.375682°
07/11/22 04:38 PM GMT +05:30

Resource person Ms. R.Armadhaa giving introduction to students about C-Program



Kurnool, Andhra Pradesh, India
G93G+Q7R, Andhra Pradesh 518112, India
Lat 15.504492°
Long 78.375681°
07/11/22 04:39 PM GMT +05:30



5. For all II - B. Tech I-Sem civil engineering students RGM CET-CDC conducting training program on “C & Data Structures” by “BYTS company, Coimbatore” from 24/11/22 to 05/12/22.

S. NO	TOPIC	RESOURCE PESRON
1	C & Data Structures	Ms.Manisha&Mr.Kishore



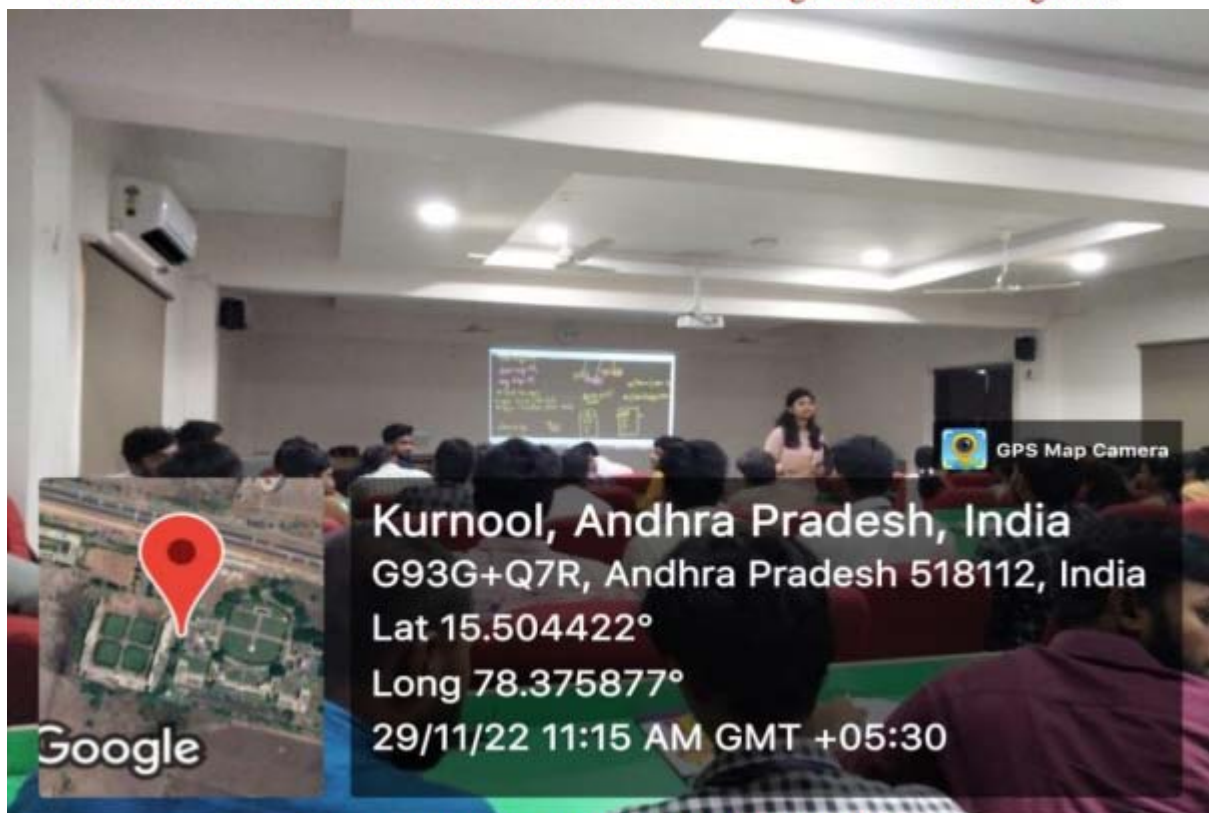
Resource person Ms. Manisha giving introduction to students about C & Data Structures



Students practicing exercise problems



Resource Person Mr.Kishore sharing his valuable knowledge on coding skills with the students about C & Data Structures & how to write Storage Class Table Programs.



Resource person clarifying student doubts

FACULTY ACHEIVEMENTS

1. A Ganga Chandra Sekhar Reddy, final year civil student, RGM engineering college nandyal, selected for AP senior men and women basketball championship at BR stadium in guntur on 18 - 21 september.
2. Department of civil engineering recently passed out student K. Srikanth (18091A0173) selected for L&T Build India Scholarship of amount Rs.13,400/- per month during M. Tech course & employment absorbed by L&T with 7 lakhs per annum and the Institute allotted for M. Tech is NIT Tiruchirapalli.
3. **Dr. G. Sreenivasulu**, Professor & HOD of Civil Engineering department got listed in AD World Scientist and University Rankings-2023.
4. **Dr. B. Naga Kiran**, Associate Professor in Civil Engineering department got listed in AD World Scientist and University Rankings-2023.
5. Department of civil engineering faculty Dr. M. Sunandana Reddy got certificate of membership 2022 in IEEE Geoscience and Remote Sensing Society.
6. Department of civil engineering faculty Dr. M. Sunandana Reddy got certificate of IEEE membership 2023.
7. Department of civil engineering faculty Dr. ChennaRajaram got Life Membership (Membership No: LM-224) in Society For Reliability & Safety (SRESA) (Reg. No: F-43051, Mumbai).
8. Department of civil engineering faculty Mr. C. KrishnamaRaju got certificate of IEEE membership 2023.
9. **Dr. RajaramChenna** submitted a Research Projected on title **“Estimation of Ground Motion Prediction Equations (GMPE) for Higher Order Parameters in Subduction Zones using Machine Learning Algorithms”**
Reference No.: 132022002874
Saved By: Dr. RajaramChenna
[SERB Qualified Unique Identification Document: SQUID-1985-RC-7376]
Saved Date: 11-Sep-2022.

PUBLICATIONS

JournalArticles

InternationalJournals

1. ChennaRajaram, and Ramancharla Pradeep Kumar., 2021, "Simulation of Near Fault Seismic Ground Motions of 03 November, 2002 Denali Earthquake using Modified Semi-empirical Approach", Civil Engineering Infrastructures Journal, Vol.55, No.1, pp.43-58. University of Tehran Publishers (ESCI). DOI: <https://doi.org/10.22059/CEIJ.2021.308759.1702>
2. ChamorthyKrishnamaRaju, PallaSai Kumar, AravaPraveena, DuggireddySivarami Reddy, BesthaPavanKalyan, Kasi Reddy Amruthavalli, 2022, "Compressive Strength of M25 SCC Mix For Different Brands of OPC 53 Grade Cement With 20% Replacement of Fine Aggregate with Copper Slag", 'International Research Journal of Engineering and Technology(IRJET)', Volume 9, Issue 6, pp: 2076-2082, ISSN: 2395-0056. Published: June 2022.
3. Lokeswara Reddy Poreddy ,Manoj Kumar Pathapadu , ChereddyNavyatha , JayaprakashVemuri, **RajaramChenna**” Correlation analysis between ground motion parameters and seismic damage of buildings for near-field ground motions.<https://doi.org/10.1016/j.nhres.2022.08.002>. Contents lists available at ScienceDirect. Natural Hazards Research journal. homepage: www.keaipublishing.com/en/journals/natural-hazards-research.
4. Faisal MehrajWani, Mohammed MujtabaMoid, KanigiriChandrakanth Reddy, JayaprakashVemur, and **Rajaram Chenna** on topic“Wavelet Analysis of Near-Field Ground Motions from the Mw 7.6 1999 Chi-Chi Earthquake in Taiwan”, Recent advances in Materials, Mechanics & Structures, Lecture Notes in Civil Engineering 269, https://doi.org/10.1007/978-981-19-3371-4_28. [Scopus]
5. “Energy Consumption Analysis of Residential Building Using Autodesk Revit”**Sudhakar Mogili1***, HarshaVardhan Avvari2, Vamsi Krishna Appecharla. Advancements in Sustainable Materials and Infrastructure IOP Conf. Series: Earth and Environmental Science 1086 (2022) 012056 IOP Publishing doi:10.1088/1755-1315/1086/1/012056. (SCOPUS)

International Conferences

NationalConferences

STUDENT ACHIEVEMENTS

1. Institution’s Innovation Council-RGMCET & REDC organized “**HAND CRAFT EXPO**” from 01/11/2022 to 03/11/2022. No: of students participated in that expo from civil engineering department = 5
2. Department of civil engineering organized a “**One-Day field visit to Gorukallu Dam**” for all III - B. Tech I-Sem civil engineering students i.e; on 05/11/2022.No: of students participated=112
3. Department of civil engineering organized a “**One day seminar on – Career Opportunities through GATE**” for all II & III - B. Tech I-Sem civil engineering students on 23/11/2022.