

DATES TO REMEMBER

First call for Paper: 04-07-2020
Second call for Paper: 30-07-2020
Submission of Paper: 03-09-2020
Notification of Acceptance: 05-09-2020
Last Date for Registration: 08-09-2020
Conference Date: 10-09-2020

TARGET AUDIENCE

Research, Faculty members from Engineering B.E/ M.E/ B.Arch/ M.Arch M.Sc (Remote sensing) and Practicing Civil Engineers.

**No
Registration
Fees**

CONFERENCE TOPICS

- ❖ Concrete, Cement and Soil-Smart Learning
- ❖ Corrosion and Material Protection Technologies
- ❖ Geo-Environmental Engineering
- ❖ Green Building / Infrastructure
- ❖ Green Energy / Renewal Energy
- ❖ Smart Construction Management
- ❖ Environmental Engineering
- ❖ Remote Sensing and GIS
- ❖ Transportation Engineering
- ❖ Water Resources Engineering
- ❖ Waste Materials in Concrete
- ❖ Eco Friendly Concrete
- ❖ Nano Materials
- ❖ Any other Civil Engineering related Topics

PUBLICATIONS



Selected papers will be recommended to Scopus Journal i.e., Journal of Civil, Structural, Environmental, Water resources and Infrastructure Engineering Research (JCSEWIER)



**NATIONAL VIRTUAL CONFERENCE
ON
Recent Trends in Civil Engineering
(RTCE-2020)**

10th September-2020



ORGANIZED BY

**DEPARTMENT OF CIVIL ENGINEERING
RAJEEV GANDHI MEMORIAL COLLEGE OF
ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)**

Approved by AICTE-New Delhi, Affiliated to JNTUA Anantapuramu, Accredited by NBA Tier-I Accredited by NAAC of UGC with 'A+' grade, New Delhi, World Bank Funded Institute NH-40 (old NH-18) at Nandyal, Kurnool (Dist), Andhra Pradesh-518 501

SUBMISSION AND AUTHOR GUIDELINES:

- ❖ The Research paper must be typed in 12 font-size of Times New Roman Font.
- ❖ The completed paper must be submitted in MS Word file in IEEE Format

KEYNOTE LECTURES WILL BE DELIVERED BY IIT, NIT PROFESSORS

REGISTRATION LINK

<https://forms.gle/vSb2dd9cXn9Jgbxw9>

MAIL YOUR DETAIL TO

rgmcivilconference@gmail.com

CONTACT DETAILS

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INSTITUTION PROFILE

Rajeev Gandhi Memorial College of Engineering & Technology (RGM CET), Nandyal was established in the year 1995 as the first private engineering college under JNTU. RGM CET is playing a significant role in imparting technological education in the state of Andhra Pradesh. The college is offering 07 UG (B. Tech) programmes viz., CE, EEE, ECE, CSE, CSE(DS), CSEBS and ME, and 05 PG (M. Tech) programmes offered by CE, EEE, ME, ECE and CSE departments, apart from MCA and MBA are being offered. All the UG eligible Courses in the institute are accredited four times by NBA and recently in Tier-I category. The institute has also got accredited by NAAC with A+ grade (3.54 out of 4.0 CGPA). The institute is ISO 9001-2008 certified. The Jawahar Knowledge Center of the institute has been awarded as the best JKC center twice by the Government of Andhra Pradesh for highest campus placements. The Institute offers number of Skill Development Programmes and has been sanctioned the Deen Dayal Upadhaya KAUSHAL Kendra under Ministry of HRD.

DEPARTMENT PROFILE



Dept. of Civil Engineering at RGM CET was started in the year 2008. The department has been imparting quality education to meet the technological advancements & industrial requirements. This has been made possible due to qualified and dedicated faculty. The department has been regularly releasing a technical magazine entitled NIRMAAN. Our department is coping up with fast advancing world with new software's such as GIS, MX roads, STAAD in Design and Analysis. Department has advanced equipment's such as Computerized Universal Testing Machine (UTM), Total Stations, CBR, etc.



RGM College of Engineering & Technology

(Autonomous)

Nandyal, Kurnool (Dist.), Andhra Pradesh.



INAUGURAL SESSION

A NATIONAL VIRTUAL CONFERENCE

on

“RECENT TRENDS IN CIVIL ENGINEERING (RTCE-2020)”

SCHEDULE

DATE : 10th SEPTEMBER 2020
FACILITATOR : DEPARTMENT OF CIVIL ENGINEERING

09. 45 AM - 09. 50 AM	WELCOME ADDRESS Ms.B.Rohini , Asst. Prof., CE
09. 50 AM - 10. 00 AM	ADDRESS BY TECHNICAL CHAIR Mr. G.N.Sreekanth, Asst. Prof., CE
10. 00 AM - 10. 05 AM	INAUGURAL SPEECH BY CONFERENCE CHAIR Dr.G.Sreenivasulu, Prof. & HOD., CE
10. 05 AM - 10. 10 AM	INAUGURAL SPEECH BY PRINCIPAL Dr.T.Jayachandra Prasad
10. 10 AM - 10. 15 AM	INTRODUCTION TO CHIEF GUEST Ms.B.Rohini, Asst. Prof., CE
10. 15 AM - 10. 45 AM	SPEECH BY THE CHIEF GUEST Dr.Bimlesh Kumar, Prof., Indian Institute Of Technology, Guwahati. TOPIC :- “SEDIMENT MINING AND ITS EFFECT ON HYDRAULIC STRUCTURES”
10. 45 AM - 10. 50 AM	VOTE OF THANKS Snehal Raymane, Asst. Prof., CE

Keynote and Presentations start from 11:00 AM Onwards.

ADDRESS BY KEY NOTE SPEAKER Dr. M.S. Latha, Prof., Sri Venkateswara Engineering College Bengaluru. TOPIC :- “MODEL ANALYSIS OF OPTIMUM MADAKE IN REINFORCED STRUCTURES”	11. 00 AM - 11. 30 AM
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PRESENTATION SCHEDULE – I

Session Chairs : **1. Dr. P. Sri Chandana**, Professor & Head,AITS, Kadapa.
 2. Dr. B. Naga Kiran, Associate Professor,RGM CET, Nandyal.

S.No.	Paper Title	Presentation Time
1	Studies on Prevention of Landslides <i>- Dr. Ravikumar. H, Sharanabasava, Swaroop O J, Rakshith M Gowda, Syed Imdad</i>	11:30 AM – 11:38 AM
2	Experimental and Analysis of Geogrid confined RC beams with glass fiber reinforced concrete <i>- Yellavathula Venkata Naresh, J. Joel Shelton</i>	11:40 AM – 11:48 AM
3	Proposal And Measures For Improvement Of Functioning Of Mekhri Circle Junction <i>- K V R Prasad, Prajwal P Naik, Ananth Kumar G, Manoj Kumar K, P Sai Tejeswar Reddy</i>	11:50 AM – 11:58 AM
4	Model Builder and ArcHydro Tools of Geospatial Technology in the Extraction of Drainage Network and Watershed Delineation from DEM <i>- Sunandana Reddy Machireddy</i>	12:00 PM – 12:08 PM
5	Effect of Human Health due to Consumption of Reverse Osmosis(RO) Water <i>- Gopu Sreenivasulu , Praveen Kumar M, Uday Raj B</i>	12:10 PM – 12:18 PM
6	Axial Compression Behaviour Analysis of Insulated Concrete Form (ICF) Wall panels with Fibre Cement Board <i>- Mohammad Izazs.K, Dr Joel Shelton</i>	12:20 PM – 12:28 PM
7	Properties of M60 High Performance Self Compacting Concrete by using Blends of Different Sizes of Coarse Aggregate <i>- C.Krishnama Raju, G.Asif Hussain, J. S.Ibrahim, T.Manoj Prabhakar, P.Hareesh, V.Haritha</i>	12:30 PM – 12:38 PM
8	Development Of Low Cost Filter Using Herbal Materials <i>- N Guru Dhana Shekar Reddy, B.Rohini</i>	12:40 PM – 12:48 PM
9	Evaluation of Rotation Capacity of End plate Connection <i>- Snehal Raymane, Vishal Sudhakar Phulari</i>	12:50 PM – 12:58 PM
10	Study on Strength of Geo Polymer Concrete using Recycled Concrete Aggregates <i>- Eshwarayya B L, MahammadZuber Patel</i>	01:00 PM – 01:08 PM
11	Strengthening of Expansive Soil by Asphalt with Jute Fibre <i>- Shivarajkumar, J.Sravani, P.Pramadhanatha Reddy</i>	01:10 PM – 01:18 PM
12	Experimental Study on Partial Replacement of Cement and Fine Aggregate with Rice Husk Ash and Waste Foundry Sand in Concrete <i>- A. Mounika, S. Ameer Humza</i>	01:20 PM – 01:28 PM

BREAK (01:30 PM – 01:45 PM)

PRESENTATION SCHEDULE - II

Session Chairs: 1. **Dr. P. Subramanya Prasad**, Principal Scientist,CRRI,New Delhi.
2. **Dr. M. Sunandana Reddy**, Associate Professor.,RGM CET, Nandyal.

S.No.	Paper Title	Presentation Time
13	Modeling A Sustainable Drainage System for College of Environmental Studies, Kaduna Polytechnic, Kaduna <i>- David, A., Abdulnajeem, M. L , Abdullahi, A. Y, Odoh, O</i>	01:45 PM – 01:53 PM
14	Experimental Investigation on the effect of inclined CFRP straps on the strength of the beam <i>- Bungali Uday Lokesh, G.N.Sreekanth</i>	01:55 PM – 02:03 PM
15	A Review Paper on Bendable Concrete <i>- Vaibhav A. Kalmegh</i>	02:05 PM – 02:13 PM
16	A Contemporary Review of Literature on Production of Bricks from Industrial Wastes <i>-R.Karthik Kumar Yadav , E.Charan Deep Chand Goud, Lava Kumar Reddy</i>	02:15 PM – 02:23 PM
17	Analysis and Comparison of Conventional Slab and Grid Slab for Symmetric and Asymmetric Structures <i>- Dr. Latha M S</i>	02:25 PM – 02:33 PM
18	Generation of fragility curves for G+3 building <i>- Ms. Konkula Rama Neeraja , Dr .Chenna Rajaram</i>	02:35 PM – 02:43 PM
19	Design of Sustainable Buildings <i>- Dr. Ravikumar. H, Arjun.A, Karthick.M, M.J. Manoj kumar, Rakshan.N</i>	02:45 PM – 02:53 PM
20	Comparative study on pushover analysis of regular building with irregular buildings <i>- Ranga Karthik, Dr.C.Rajaram</i>	02:55 PM – 03:03 PM
21	Mechanical Properties of Concrete with Partial Replacement of Fine Aggregates with Granite Powder and Coarse Aggregates with Crushed Tiles <i>- T. Raghavendra, V. Purendra Reddy</i>	03:05 PM – 03:13 PM
22	Design Of Storage Building with Pre-Engineered Building Concept Using IS Code <i>- M.Kalyan Reddy, J. Sravani</i>	03:15 PM – 03:23 PM
23	Bridge Safety Monitoring System Using IOT <i>- G.Raghunath Reddy, Dr.B.Nagakiran</i>	03:25 PM – 03:33 PM
24	Determination of kappa values for Himalaya region <i>- Ms. S. Vineetha ,Dr. Chenna Rajaram</i>	03:35 PM – 03:43 PM
Concluding Remarks & Vote of Thanks		03:45 PM – 04:00 PM