

# NIRMAAN

A Newsletter from Department of Civil Engineering, R.G.M.C.E.T. Nandyal,  
Volume 9, No II, July -2021



**Rajeev Gandhi Memorial College of Engineering & Technology**  
(Autonomous Institution) | Approved by AICTE New Delhi | Affiliated to JNTU Anaparthi  
Address: Bommarla 'X' Road, Nandyal, Kamad Dist, Andhra Pradesh, India

**RIPPLE - 2K21**  
Department Of Civil Engineering  
**TRACE**  
Trends & Recent Advances In Civil Engineering  
(A Historical & Ever Evolving Fieldwork Withal Improvement)

On 13th June 2022  
Virtual Workshop on "Emerging Trends in Construction"

**Model Making**  
<https://forms.gle/mio4ibAGmj4fkzAF7>  
Register through this link (No registration fee)

**Technical Quiz**

**Paper & Poster Presentation**  
Last date for paper submission: 20.06.2022

**Code Cracking**

Contact: 9403337122  
E-mail: [rajntace@gmail.com](mailto:rajntace@gmail.com)

**CHIEF PATRON** Dr. M. SHANTHI RAMUDU  
**PATRON** Mr. M. SIVARAM  
**PRESIDENT** Dr. T. JEYACHANDRA PRASAD  
**CO-PRESIDENT** Dr. G. SREENIVASULU  
**CONVENER** Dr. J. JOEL SHELTON

**Experimental setup**

- Three frames are tested under time history loading - El Centro
- Double lap joint is used to connect the damper with RC frame
- The response of structure is measured using 2 LVDT's
- The actuator is fixed at 1100 mm, has the maximum capacity of 50 kN
- Frame is fixed with the base plate using 8 bolts and nuts.
- Power supply- 0A and 3A

**Schematic representation and experimental setup**



**RAJEEV GANDHI COLLEGE OF ENGG & TECH(Autonomous)**  
Nandyal, Andhra Pradesh



## 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

<b>PEO-1</b>	<b>Assessing societal needs and plan suitable infrastructure</b>
<b>PEO-2</b>	<b>Excel in Civil Engineering and in other allied fields</b>
<b>PEO-3</b>	<b>Develop team spirit and inter personal dynamics for effective execution and management of projects</b>
<b>PEO-4</b>	<b>Adhering life-long learning skills and adopt to changing professional and societal needs</b>

## PROGRAM SPECIFIC OUTCOMES

<b>PSO1</b>	<b>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</b>
<b>PSO2</b>	<b>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</b>
<b>PSO3</b>	<b>Conduct field and laboratory tests for analysis and quality control of civil engineering projects</b>



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**A Newsletter from School of Civil Engineering, R.G.M.C.E.T. Nandyal, July -2021**

## *Editorial*

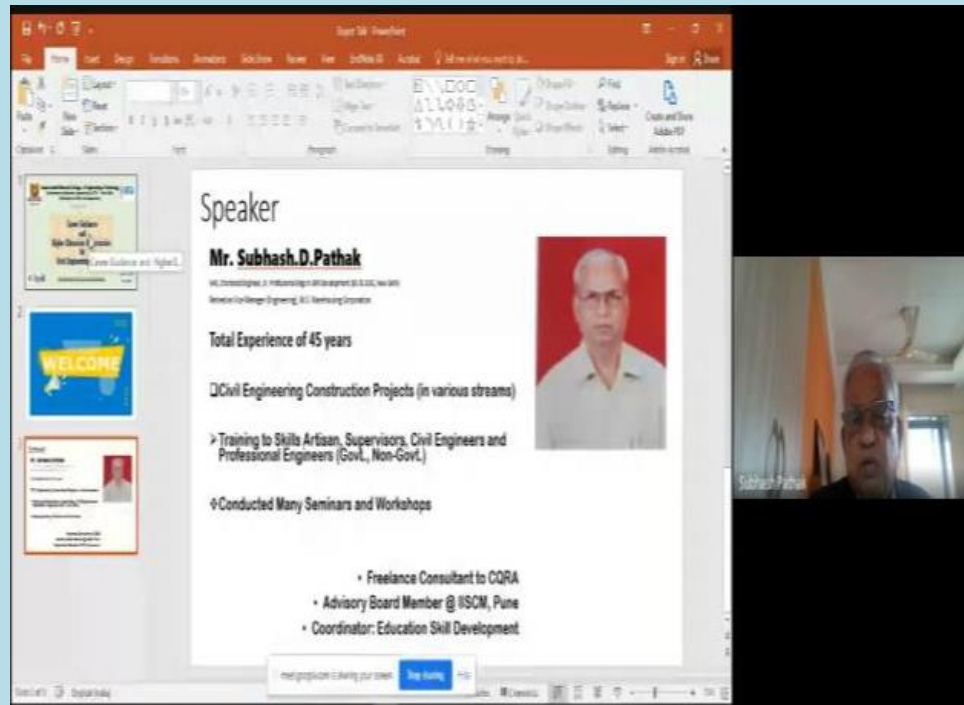
*It is a great pleasure to present before you the July month issue of 'NIRMAAN', the half-yearly newsletter of School of Civil Engineering, R.G.M.C.E.T, Nandyal. The current newsletter highlights the activities of our students and the achievements of faculty during the past semester. It also features 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**

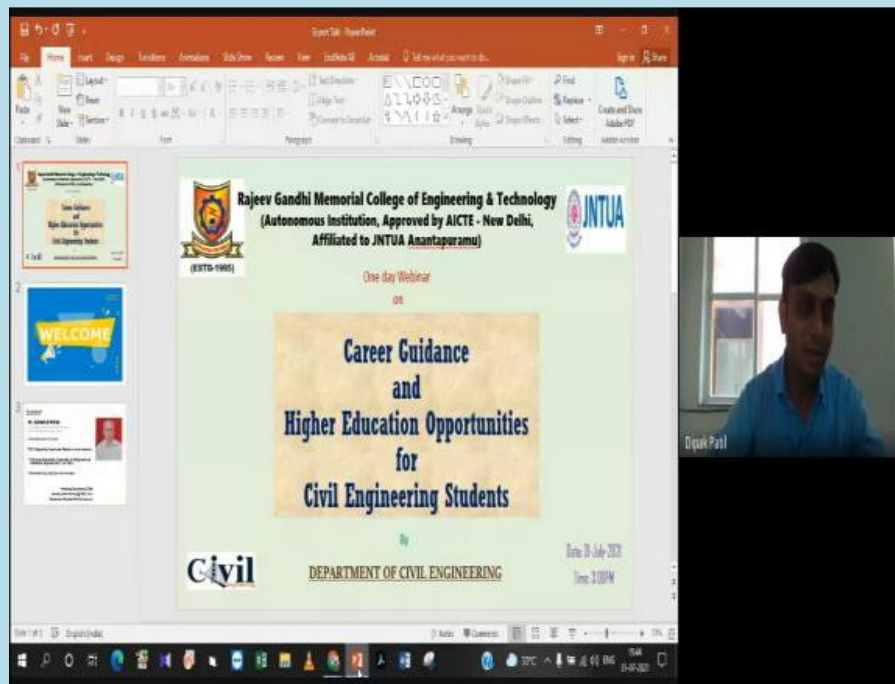
1. The Department of Civil Engineering has successfully organized a one-day webinar meet on " Career Guidance and Higher Education Opportunities for Civil Engineering Students " Virtually on 31st July 2021 in Department of Civil Engineering RGM College of Engineering and Technology (RGM CET), Nandyal. For this webinar, a total of **56** students attended.

From his 45 years of construction field experience, the speaker(Mr. Subhas D Pathak (Rtd. Vice Manager, Engineering, MS Warehousing Corporation, Maharashtra)) has explained about the civil engineering field experiences of all civil construction streams (Structures, Geotechnical, Environmental, Water related construction etc.,) in a broad view.

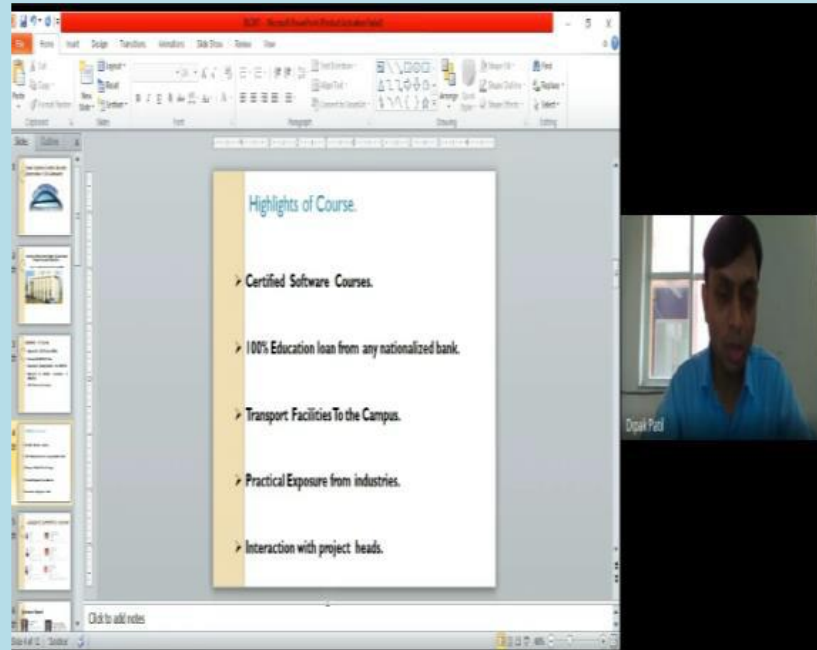




Prof. Deepak Patil (Assistant Director, IISCM Pune, Maharashtra) in his words, explained the various opportunities for civil graduates provided by the Institutes of Infrastructure Studies and Construction Management (IISCM). He also mentioned the need of learning software based civil courses.



Dr. D. S. Kaadam (Director, IISCM Pune, Maharashtra), in his words, specified the importance of basic civil engineering knowledge. He also mentioned the infrastructure/facilities/placements of their Institute: IISCE\_Pune.



2. Department of civil engineering conducted a one day workshop (i.e.07/08/2021) on digital level survey by using the Digital Level Leica LS10 instrument. The resource person is Mr.Balaraju working as a Surveyor in Survey of India. He explained the main aim of this digital level instrument is such that it can be used to perform advanced levelling work and automatic distance measurement.



**Mr.Balaraju explaining the operating procedure and necessity of the Digital Leveling LS10 Instrument**

3. The Department of Civil Engineering has successfully organized a XXII National level student technical symposium and workshop on "Emerging trends in construction" Virtually on 25th June 2021. Dr. J Joel Shelton acted as convener for TRACE 2k21. This year, TRACE-2K21 was successfully conducted virtually in Webex Meetings. The event Technical Quiz and Code Cracking were conducted through Google forms with time limit.

**No.of Papers Presented:24**

**Session Chairs for 1<sup>st</sup> Session:**

1. Dr. P. Sri Chandana

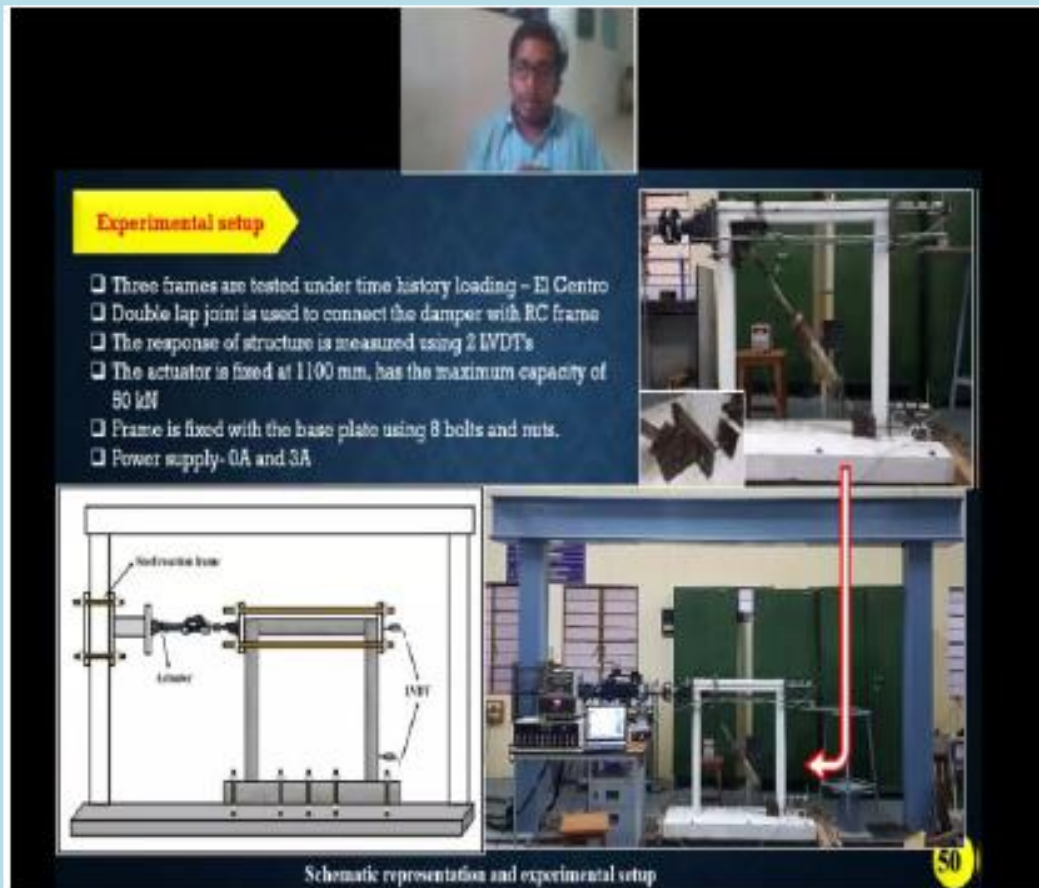
2. Dr .B .Naga Kiran

**Session Chairs for 2<sup>nd</sup> session:**

1. Dr. P. Subramanya Prasad

2. Dr.M.Sunandana Reddy

In this workshop, first keynote speaker Mr. C. Daniel ,Assistant Professor ,Department of Civil Engineering, Mohamed Sathak AJ College of Engineering, Chennai. explained about the usage of in Earthquake Resistant Structures .



In this workshop, Dr. A. Arun Solomon ,Associate Professor ,Department of Civil Engineering, Audisankara College of Engineering and Technology, Gudur, explained about the Building Information Modelling (BIM).



## **FACULTY ACHIEVEMENTS**

1. **Mr. P.Pramadanatha Reddy** Participated in “RESEARCH TRAINING” Organized by MSME-Technology Development Centre (PPDC) from 14.06.2021 to 25.06.2021 .
2. **Mrs.C.Navyatha** Participated in “Webinar on Geopolymer concrete” Organized by ICI from 9/3/2021.

## PUBLICATIONS

### Journal Articles

#### International Journals

1. **Sudhakar Mogili**, Heeralal Mudavath, Kalyan Kumar Gonavaram, 2021, “Role of Lime-Fibre on Mechanical Strength and Resilient Characteristics of Pond Ash”, ‘Transportation Infrastructure Geotechnology’, Published: January 2021. [<https://doi.org/10.1007/s40515-021-00149-8>] (Scopus)
2. **Sudhakar Mogili**, Yeswanth Paluri, Venkatesh Noolu, Heeralal Mudavath, Kalyan Kumar Gonavaram, 2021, “Effect of Lime on Resilient Characteristics of Pond Ash”, ‘Transportation Infrastructure Geotechnology’, Published: February 2021. [<https://doi.org/10.1007/s40515-021-00152-z>]. (Scopus)
3. **Lava Kumar Reddy Palle**, 2021, “A Survey on production of Bricks from Industrial Wastes”, ‘International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)’, pp: 7713-7718, e-ISSN: 2319-8753/ p-ISSN: 2320-6710, Volume 10, Issue 6, Published: June 2021.

#### International Conferences

1. **J Joel Shelton**, Mohammad Izazs, Daniel C, A Arun Solomon, 2021, “Axial Compression Behaviour Analysis of Insulated Concrete Form (ICF) Wall panels with Fibre Cement Board”, ‘Third International Conference on Materials Science and Manufacturing Technology 2021 (ICMSMT'21)’, Published: 15<sup>th</sup> – 16<sup>th</sup> April 2021.



## STUDENTS ACHEIVEMENTS

1. The placement drive conducted in the campus is tabulated below :

S.NO	Name of the Company	Number of students selected	Salary Package	Date of drive
1	RASTER TECHNOLOGIES, Hyderabad	6	1.80 LPA	29.01.2021
2	RVM Constructions, Hyderabad	13	1.80 LPA	27.02.2021
3	INFOSYS, Hyderabad	1	3.50 LPA	04.06.2021
4	RDS Infotech, Hyderabad	9	1.80 LPA	08.04.2021
5	N-Glome, Hyderabad	6	2.40 LPA	24.04.2021
6	ACCENTURE, Hyderabad	1	4.50 LPA	31.05.2021
7	Stellar Plastics, Chennai	15	1.80 LPA	25.05.2021
8	Sutherland Global, Chennai	1	2.50 LPA	08.06.2021
9	Deduce, Bengaluru	24	2.00 LPA	25.06.2021
10	MEIL, Hyderabad	7	2.43 LPA	07.07.2021

# Congratulations

1. Raster Technologies, Hyderabad



## 2. RVM Constructions, Hyderabad



**S. Nagasumanth Kumar**  
17091A0147



**B. Viswanatha Reddy**  
17091A01A5



**C. Narayana Reddy**  
17091A0150



**K. Kumar Reddy**  
18095A0118



**A. Chandra Sekharreddy**  
18095A0106



**M. Mansoor**  
18095A0124



**M. Naveen Kumar**  
18095A0127



**S. Hussain Vali**  
17091A0122



**S. Jakeer Hussain**  
17091A0123



**P. Keshavulu**  
17091A0128



**P. Salman**  
17091A0176



**M. Yellaiah Yadav**  
17091A01A9



**B. Vishnu Kanth Reddy**  
18095A0150

## 3. Infosys, Hyderabad



**J. Vadiraj Sreevastav**  
18095A0137

#### 4. RDS Infotech, Hyderabad



#### 5. N-Glome, Hyderabad



#### 6. Accenture, Hyderabad



## 7. Stellar Plastics, Chennai



## 8. Sutherland Global, Chennai





## 9. Deduce, Bangalore



**S. Nagasumanth Kumar**  
17091A0147



**B. Viswanatha Reddy**  
17091A01A5



**K. Harathi**  
17091A0115



**C. Narayana Reddy**  
17091A0150



**G. Thejeswar Naidu**  
18095A0143



**P. Venkata Akanksha**  
18095A0148



**S. Akbar Vali**  
17091A0101



**S. Haritha**  
17091A0116



**B. Shivani Reddy**  
17091A0180



**C. Sravani**  
17091A0183



**M. Mansoor**  
18095A0124



**M. Shakeer**  
18095A0135



**P. Vijitha**  
18095A0149



**M. Anoosha**  
17091A0103



**B. Aswini**  
17091A0104



**M. Bhagya Sree**  
17091A0107



**P. Goutham Gangadhara**  
17091A0113



**M. Jyothsna**  
17091A0125



**S. Karishma Begum**  
17091A0126



**D. Kavya**  
17091A0127



**M. Rajesh**  
17091A0165



#### 10. MEIL, Hyderabad



### TESTING AND CONSULTANCY PROJECTS

Testing and Consultancy Record from July 2020 to June 2021 amounted to **Rs.2,20,000**