



**GMRIT**

Training Tomorrow's  
Engineers Today

# Builders Trends

## GMR Institute of Technology

*Department of Civil Engineering*

### Highlights

**2022-2023**

**Volume I**

Compiled By:

**Dr.A.Arun Solomon,**

Assistant Professor,

Civil Engineering, Department

GMRIT, Rajam.

- \* Journal Publications
- \* Project, Conference Presentations
- \* Organized Programs
- \* Online Courses
- \* Achievements
- \* Participations

## **THE VISION OF GMRIT**

---

- ❖ To be among the most preferred institutions for engineering and technological education in the country.
- ❖ An institution that will bring out the best from its students, faculty, and staff – to learn, to achieve, to compete and to grow – among the very best.
- ❖ An institution where ethics, excellence and excitement will be the work religion, while research, innovation and impact, the work culture.

## **THE MISSION OF GMRIT**

---

- ❖ To turnout disciplined and competent engineers with sound work and life ethics.
- ❖ To implement outcome-based education in an IT-enabled environment.
- ❖ To encourage all-round rigor and instill a spirit of enquiry and critical thinking among students, faculty, and staff.
- ❖ To develop teaching, research, and consulting environment in collaboration with industry and other institutions.

## **DEPARTMENT VISION**

---

- ❖ To be a preferred department of learning for students and teachers alike, with dual commitment to Academic and Research, and serving students in an atmosphere of innovation and critical thinking.

## **DEPARTMENT MISSION**

---

- ❖ To provide adoptable education for the graduates in preparing them for a rewarding career to develop academic and research in collaboration with industry and other institutions in the field of Civil Engineering. (M1)
- ❖ To prepare the students as thinking professionals and good citizens who will be able to apply their knowledge critically and innovatively in solving contemporary professional and social problems.(M2)

## **PROGRAM EDUCATIONAL OBJECTIVES (PEOS)**

---

- PEO 1: Graduates with ability to solve core engineering problems through continuous self-paced learning in tune with changing technologies.
- PEO 2: Reinforce engineering skills, critical thinking and problem-solving skills in professional engineering practices and deal with socio-economical, technical

and business challenges.

PEO 3: Nurture professionalism with soft skills, managerial & leadership skills and ethical values.

## **PROGRAM OUTCOMES (POS):**

---

Engineering graduate will be able to:

- PO 1: Apply the knowledge of basic sciences and fundamental engineering concepts in solving civil engineering problems (**Engineering knowledge**)
- PO 2: Identify and define civil engineering problems and investigate to analyze and interpret data to arrive at substantial conclusions. (**Problem analysis**)
- PO 3: Propose appropriate solutions for engineering problems complying with functional constraints such as economic, environmental, societal, ethical, safety and sustainability in accordance with Indian standard codes of practices. (**Design/development of solutions**)
- PO 4: Perform investigations, design and conduct experiments, analyze and interpret the results to provide valid conclusions. (**Conduct investigations of complex problems**)
- PO 5: Select/develop and apply appropriate techniques and IT tools to analyze, design and scheduling of activities with an understanding of the limitations and successfully implement and adopt to technological changes in civil engineering with intervention of IT industries (**Modern tool usage**)
- PO 6: Give reasoning and assess societal, health, legal and cultural issues with competency in professional engineering practice. (**The engineer and society**)
- PO 7: Demonstrate professional skills and contextual reasoning to assess environmental/societal issues for sustainable development. (**Environment and sustainability**)
- PO 8: Demonstrate knowledge of professional and ethical practices. (**Ethics**)
- PO 9: Function effectively as an individual, and as a member or leader in diverse teams, and in multi- disciplinary situations. (**Individual and team work**)
- PO 10: Communicate effectively with respect to oral, written and graphical communication (**Communication**)
- PO 11: Demonstrate and apply engineering & management principles in their own / team projects in multidisciplinary environment. (**Project management and finance**)
- PO 12: Recognize the need for, and have the ability to engage in independent and lifelong learning. (**Life-long learning**)

## PROGRAM SPECIFIC OUTCOMES (PSOS):

---

Engineering graduate will be able to:

PSO 1: Demonstrate the quality and suitability of construction materials (**Program Specific**)

PSO 2: Ability to apply the practical aspect of analysis, design and safe construction practices (**Program Specific**)

## OVERVIEW

---

The Department of Civil Engineering was established in 2002. It offers students a solid grounding in better utilization of resources and greater standardization of construction processes required by the construction industry. Students are taught how to use and employ innovative design methods and techniques. Exposure to contemporary facets planning, construction design and project management are key aspects of the course. Annual intake of this Department is 120 students.

## CONSULTANCY

---

Being facilitated with well-equipped equipment and laboratories the Department of Civil Engineering always contributes a major role in the consultancy works offered to the government and private organizations around the districts and so on.

As a part of Consultancy an amount of 140400/- rupees worth core related works were carried out by the faculty with respect to various specializations.

## NATIONAL & INTERNATIONAL JOURNALS

---

1. Ganesh Prabhu G, "Effect of Fibre Aspect-Ratio on the Fresh and Strength Properties of Steel Fibre Reinforced Self-Compacting Concrete". Advances in material sciences and engineering,, Hindawi Publications, Vol. 2022, Article ID 1207273. *(Impact Factor: 1.726, SCIE and Scopus Indexed, SJR: Q2)*
2. Gokulan R, et.al, "Experimental Investigation on Reactive Orange 16 Removal Using Waste Biomass of Ulva prolifera", Advances in material sciences and engineering, Vol. 2022, Article ID 2689385. *(Impact Factor: 1.726, SCIE and Scopus Indexed, SJR: Q2)*
3. Gokulan R, et.al, "Removal of Reactive Red 120 in a Batch Technique Using Seaweed-Based Biochar: A Response Surface Methodology Approach", Journal of Nanomaterials, Hindawi Publications, Volume 2022, Article ID 7604383. *(Impact Factor: 2.986, SCIE and Scopus Indexed, SJR: Q2)*

4. Vijayakumar A, et.al, "Seismic Evaluation of Advanced Reinforced Concrete Structures", Advances in Materials Science and Engineering, Volume 2022, Article ID 4518848. *(Impact Factor: 1.726, SCIE and Scopus Indexed, SJR: Q2)*
5. Gokulan r, et.al, "Optimization of River Sand with Spent Garnet Sand in Concrete Using RSM and R Programming Packages", Journal of Nanomaterials, vol. 2022, Article ID 462068. *(Impact Factor: 2.986, SCIE and Scopus Indexed, SJR: Q2)*
6. Madhava Krishna Reddy G, et.al, "Experimental and Correlation Study of Destructive and Non-Destructive Testing on Blended Concrete with Metakolin and Bagasse ash", International Journal of Health Sciences, Special Issue: II, pp 2838-2857, June 2022.
7. Madhava Krishna Reddy G, et.al, "Design and Planning of G+3 Residential Building with Duplex and Floating Column Technique", Journal of Optoelectronics Laser, Vol. 41 Issue No. 6, pp 284-294, June 2022.
8. B.A.V. Ram kumar, et.al, "Performance evaluation of sustainable materials in roller compacted concrete pavements: A state of art review", Journal of Building Pathology and Rehabilitation, Accepted in June 2022. *(Scopus Indexed, SJR: Q2)*
9. Kanta Naga Rajesh, et.al, "Performance of Recycled PlasticWaste and Used Foundry Sand as a Replacement of Fine Aggregate in Concrete", Recent Developments in Sustainable Infrastructure (ICRDSI-2020)–Structure and Construction Management, Lecture Notes in Civil Engineering 221, Kalinga Institute of Industrial Technology, Bhubaneshwar, 19-21st December-2020. *(Scopus Indexed, SJR: Q4)*
10. Kanta Naga Rajesh, et.al, " A Review on Performance of Cenosphere Utilization in Concrete ", International Conference on Emerging Trends in Materials Science and Technology-2022(ICETMT-22), 10-11th February-2022, CMR Institute of Technology, Materials Today: Proceedings *(Scopus Indexed, SJR: Q2)*
11. Ganesh Prabhu G, et.al, "Axial Compression Performance of Concrete-Filled Steel Tubular Columns with Different D/t Ratios", Advances in Materials Science and Engineering, Hindawi Publication, Volume 2022, Article ID 9170525. *(Impact Factor: 2.098, SCIE and Scopus Indexed, SJR: Q2)*
12. Sridhar J, et.al, "Effect of Posidonia oceanica Fibers Addition on the Thermal and Acoustic Properties of Cement Paste", Buildings, Vol.12, Issue No.909, pp 1-16, June 2022. *(Impact Factor: 3.32, SCIE and Scopus Indexed, SJR: Q1)*
13. B A V Ram Kumar, et.al, "Comprehensive Characterization of Ferrochrome Slag and Ferrochrome Ash as Sustainable Materials in Construction", Journal of Nanomaterials, vol. 2022, Article . *(SCIE and Scopus Indexed, SJR: Q2)*
14. Naga Siva Pavani Peraka, et.al, "A Deep Neural Network Approach to Predict Overlay Thickness of Asphalt Pavements Using Deflection Parameters and Estimated Traffic", ASCE Journal of Transportation Engineering, Part B: Pavements, vol No. 148, Issue No. 3, pp 04022041-1-9, September 2022. *(Impact Factor: 1.912, SCIE and Scopus Indexed)*

15. S H Vamsi Krishna, et.al, R Sai Chandu “Biological Aspects of Microbial-Induced Calcite Precipitation”, Neuro Quantology Volume: 20 Issue: 8, June 2022. *(Scopus Indexed)*
16. S H Vamsi Krishna, et.al, “Biocalcification For Stabilisation Of Iron Mine Tailings” Neuro Quantology, Volume: 20 Issue: 8, June 2022. *(Scopus Indexed)*
17. B.P.R.V.S.Priyatham, et.al, “Study on Response of Regular RC Space Frames Subjected to Equivalent Static Blast Load”, Advances in Material Science and Engineering, Vol. No., Issue No.2022, August 2022. *(Impact Factor: 2.098, SCIE and Scopus Indexed, SJR: Q2)*
18. B.A.V. Ram Kumar, et.al, Performance evaluation of sustainable materials in roller compacted concrete pavements: a state-of-the-art review. Journal of Building Pathology and Rehabilitation, scopusindexed, 7, 78, 2022. *(Scopus Indexed, SJR: Q2)*
19. Sridhar J, et.al, “Sustainable Retrofitting and Moment Evaluation of Damaged RC Beams Using Ferrocement Composites for Vulnerable Structures”,Sustainability, Vol.14,Issue No.9220,pp 1-16,July 2022. *(Impact Factor: 3.251, SCIE and Scopus Indexed, SJR: Q2)*
20. Karanam Raviteja, et.al, “Effect of LULC changes on surface runoff in Brahmani River basin using Soil and Water Assessment tool (SWAT)”, International Journal of health Sciences Special Issue VI , July 2022.*(ESCI and Scopus Indexed)*
21. Karanam Raviteja, et.al, “Effect of Ocean surface temperature change on Tropical Cyclone Intensity”, Neuroquantology Inter disciplinary Journal of Neuro science and Quantum Physics Volume: 20 Issue: 6, June 2022. *(ESCI and Scopus Indexed)*
22. Sridhar J, et.al, “Response Surface Methodology Approach to Predict the Flexural Moment of Ferrocement Composites with Weld Mesh and Steel Slag as Partial Replacement for Fine Aggregate”, Advances in Materials Science and Engineering,Vol.2022, 9 Pages, August 2022. *(Impact Factor: 2.09, SCIE and Scopus Indexed, SJR: Q2)*
23. Sridhar J, et.al, “A DOE (Response Surface Methodology) Approach to Predict the Strength Properties of Concrete Incorporated with Jute and Bamboo Fibres and Silica Fumes”, Advances in Civil Engineering, Vol.2022, 13 Pages, September 2022. *(Impact Factor: 1.843, SCIE and Scopus Indexed, SJR: Q2)*
24. Arun Solomon A, et.al, “Two-stage lung nodule detection framework using enhanced UNet and convolutional LSTM networks in CT images”, Computers in Biology and Medicine 149 (2022) 106059. *(Impact Factor: 6.698, SCIE and Scopus Indexed, SJR: Q1)*
25. Ramu Penki, et.al,"A Review on the Development and Need of Bicycle Level of Service"Journal of Transportation Systems,Vol. 7 No. 3 (2022), pp1-5, Mat Publishers.
26. Ramu Penki, et.al, "Estimation of Pedestrian Level of Service by Using Inverse Variance Method in Visakhapatnam Urban", Journal of Transportation Systems,Vol. 7 No. 3 (2022),pp6-17, Mat Publishers.

27. B A V Ram Kumar, et.al, "Use Of Ferrochrome Ash as Replacement Cement Concrete Pavements – A Review", EPRA International Journal of Research and Development (IJRD), Volume: 7, Issue: 8, August 2022.
28. Ram Kumar B.A.V, et.al, et.al, "Sustainable Use of Red Mud and Reclaimed Asphalt Pavement Wastes in Roller Compacted Concrete", International Journal of Pavement Research and Technology, October 2022. *(Scopus Indexed, SJR: Q2)*
29. Penki Ramu, et.al," Application of geographical information system-based analytical hierarchy process modeling for flood susceptibility mapping of Krishna District in Andhra Pradesh". Environmental Science and Pollution Research (2022). *(Impact Factor: 5.19, SCIE and Scopus Indexed, SJR: Q1)*
30. Penki Ramu, et.al, "Crop-land suitability analysis using geographic information system and remote sensing", Progress in Agricultural Engineering Sciences, 02 Sep 2022. *(Scopus Indexed, SJR: Q4)*
31. Ramu Penki, et.al, "Modeling of Bituminous concrete Job mix formula design using Path Variate Analysis and Interval method", IOP Conference Series: Earth and Environmental Science. *(Scopus Indexed)*
32. Gokulan R, et.al, "Synergistic removal of 1-(4-Hydroxy-3-Methoxyphenyl) ethenone (Apocynin) with enhanced immobilized and suspended Sr-doped LaNiO<sub>3</sub> based photo-catalytic membrane reactor under gamma irradiation", Global Nest Journal, November 2022. *(Impact Factor: 1.04, SCIE and Scopus Indexed, SJR: Q3)*
33. Gokulan R, et.al, "Studies on Influence of Process Parameters in Upgradation of Bio-oil Derived from HTL of Domestic household waste: Application of Response Surface Methodology", Global NEST Journal, October 2022. *(Impact Factor: 1.04, SCIE and Scopus Indexed, SJR: Q3)*
34. Gokulan. R, et.al, "Biosorption of heavy metal ions from the aqueous solutions using groundnut shell activated carbon: batch adsorption, kinetic and thermodynamic studies", Global NEST Journal, October 2022. *(Impact Factor: 1.04, SCIE and Scopus Indexed, SJR: Q3)*
35. Gokulan. R, et.al, "Batch and Packed Bed Column Studies of Azo Dyes Adsorption from the Aqueous Solutions Using Activated Sugarcane Bagasse Charcoal Adsorbent: Isotherm and Kinetic Studies", Global NEST Journal, October 2022. *(Impact Factor: 1.04, SCIE and Scopus Indexed, SJR: Q3)*
36. Gokulan R, et.al, "Investigation of Copper Ion adsorption using Activated Sawdust Powder: Isotherm, Kinetic and Thermodynamic studies", Global NEST Journal, October 2022. *(Impact Factor: 1.04, SCIE and Scopus Indexed, SJR: Q3)*
37. Gokulan R, et.al, "Biodecolorization of Remazol Black B using Biochar produced from Coconut Shell: Batch, Desorption, Isotherm and Kinetic Studies", Global NEST Journal, October 2022. *(Impact Factor: 1.04, SCIE and Scopus Indexed, SJR: Q3)*

38. Gokulan R, et.al, "Ziziphus Jujube Seeds derived Biomass as Cost-Effective Biosorbent for the removal of Cr<sup>6+</sup> from Aqueous solutions: Isotherm and Kinetic Studies", Global NEST Journal, November 2022. *(Impact Factor: 1.04, SCIE and Scopus Indexed, SJR: Q3)*
39. Gokulan. R, et.al, "Extraction of biodiesel from wastewater using microalgae Chlorella Vulgaris", Global NEST Journal, November 2022. *(Impact Factor: 1.04, SCIE and Scopus Indexed, SJR: Q3)*
40. Penki Ramu, et.al, "A review of challenges and solutions in adopting a participatory geographical information system for disaster management", Ecocycles, Vol. No.8, Issue No.2, pp 64-73, Nov 2022. *(Impact Factor: 1.726, SCIE and Scopus Indexed, SJR: Q2)*
41. Kanta Naga Rajesh, et.al, "Application of response surface method for optimization of alkali activated slag concrete mix with used foundry sand as partial replacement of sand". Sādhanā 47, 269 (2022). *(Impact Factor: 0.39, SCIE and Scopus Indexed, SJR: Q2)*
42. Gokulan R, et.al, "Biosorption of chromium (VI+) using tamarind fruit shells in continuously mixed batch reactor", Global Nest Journal, November 2022. *(Impact Factor: 1.04, SCIE and Scopus Indexed, SJR: Q3)*
43. Siva Gowri Prasad S, et.al, "Problems Due to Expansive Soils and Their Remedies", NeuroQuantology, Vol. No.20, Issue No.12, pp 2707-2712, Oct. 2022. *(Scopus Indexed)*
44. Siva Gowri Prasad S, et.al, "A Study on Stabilization of Soil Using Cement Kiln Dust", Neuro Quantology, Vol. No.20, Issue No.15, pp 2009-2013, Nov. 2022. *(Scopus Indexed)*

## PROJECT PRESENTATION

---

- ❖ Mr. P. Ramu given a Presentation on "An Innovative Waste Materials Based Alternative Green Bitumen To Enhance The Sustainability & Circular Economy" in the virtual presentation of the IFERP-Innovative Project Seed Funding Scheme organized by IFERP during 26th June-2022.

## NATIONAL & INTERNATIONAL CONFERENCES

---

1. Chinnala Saraswati presented a paper on the titled A Combined Geographical And Mutlicriteria Decision Making Approach For The Assessment Of Groundwater Potential Zones: A Case Study Approach in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.



2. Kalla Laxmi Manasa presented a paper on the titled A Combined Geographical And Mutlicriteria Decision Making Approach For The Assessment Of Groundwater Potential Zones: A Case Study Approach in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
3. Kallepalli Suryakumari presented a paper on the titled A Combined Geographical And Mutlicriteria Decision Making Approach For The Assessment Of Groundwater Potential Zones: A Case Study Approach in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
4. Korukonda Harshavardhan presented a paper on the titled A Combined Geographical And Mutli criteria Decision Making Approach For The Assessment Of Groundwater Potential Zones: A Case Study Approach in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
5. Jahnvi Devi Esamsetti presented a paper on the titled Characterization Of Cr-Doped Zn<sub>2</sub>O<sub>4</sub> Nano sheets Synthesized By A Co-Precipitation-Assisted Hydrothermal Method in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
6. Revanth Bade presented a paper on the titled Characterization Of Cr-Doped Zn<sub>2</sub>O<sub>4</sub> Nano sheets Synthesized By A Co-Precipitation-Assisted Hydrothermal Method in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
7. Sri Ram Chakka presented a paper on the titled Characterization Of Cr-Doped Zn<sub>2</sub>O<sub>4</sub> Nano sheets Synthesized By A Co-Precipitation-Assisted Hydrothermal Method in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
8. Venkat Gundapuneedi presented a paper on the titled Characterization Of Cr-Doped Zn<sub>2</sub>O<sub>4</sub> Nano sheets Synthesized By A Co-Precipitation-Assisted Hydrothermal Method in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
9. Ajay Kotni,Presented a paper on the titled Assessment Of Pavement Maintenance Interventions Using Road User Costs And Pavement Roughness: Case Study Of Rajam in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.

10. Lakshminadh Dummida presented a paper on the titled Assessment Of Pavement Maintenance Interventions Using Road User Costs And Pavement Roughness: Case Study Of Rajam in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
11. Srikanth Chinthu presented a paper on the titled Assessment Of Pavement Maintenance Interventions Using Road User Costs And Pavement Roughness: Case Study Of Rajam in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
12. Himansu Senapati presented a paper on the titled Use Of Sustainable Materials In Pervious Concrete-A Review in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
13. Ramesh Kemburu,Presented a paper on the titled Use Of Sustainable Materials In Pervious Concrete-A Review in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
14. Satishkumar Bandaru presented a paper on the titled Use Of Sustainable Materials In Pervious Concrete-A Review in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
15. Swetha Potnuru presented a paper on the titled Use Of Sustainable Materials In Pervious Concrete-A Review in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
16. Kaparapu Sandeep, presented a paper on the titled Bamboo Reinforced Wall Panel Using Recycled Aggregate And Domestic Waste Water For Climate Resilient Affordable Buildings in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
17. Karri Madhunandhan presented a paper on the titled Bamboo Reinforced Wall Panel Using Recycled Aggregate And Domestic Waste Water For Climate Resilient Affordable Buildings in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.

18. Kondavalli Raviteja, Presented a paper on the titled Bamboo Reinforced Wall Panel Using Recycled Aggregate And Domestic Waste Water For Climate Resilient Affordable Buildings in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
19. Patnana Upendra, Presented a paper on the titled Bamboo Reinforced Wall Panel Using Recycled Aggregate And Domestic Waste Water For Climate Resilient Affordable Buildings in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
20. Mr. Chappa Madhu, Presented a paper on the titled Concrete Mix Design Automation Using Python in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
21. Mr. Gedela Raja Vamsi, Presented a paper on the titled Concrete Mix Design Automation Using Python in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
22. Mr. Gollapilli Siva Sankar, Presented a paper on the titled in the National Level Virtual Conference on ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
23. Gontu Sivani, Presented a paper on the titled Durability Studies Of Alkali-Activated Slag Concrete in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
24. Kanaparthi Gopi, Presented a paper on the titled Durability Studies Of Alkali-Activated Slag Concrete in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
25. Kola Vardhan, Presented a paper on the titled Durability Studies Of Alkali-Activated Slag Concrete in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
26. Choppalli Chandini, Presented a paper on the titled Effects Of Fly Ash, Silica Fume And Coarse Aggregate Size Ratio On Pore Structure And Strength Properties Of Vegetation Concrete For Landscaping in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.

27. Dasari Venkata Naveen, Presented a paper on the titled Effects Of Fly Ash, Silica Fume And Coarse Aggregate Size Ratio On Pore Structure And Strength Properties Of Vegetation Concrete For Landscaping in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
28. Gidijala Bhargavi, Presented a paper on the titled Effects Of Fly Ash, Silica Fume And Coarse Aggregate Size Ratio On Pore Structure And Strength Properties Of Vegetation Concrete For Landscaping in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
29. Gorrela Gowthami, Presented a paper on the titled Effects Of Fly Ash, Silica Fume And Coarse Aggregate Size Ratio On Pore Structure And Strength Properties Of Vegetation Concrete For Landscaping in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
30. Ankamareddi Koushik, Presented a paper on the titled Biogas Generation From Food Waste Using Anaerobic Digestion Technique in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
31. Enjamuri Princy, Presented a paper on the titled Biogas Generation From Food Waste Using Anaerobic Digestion Technique in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
32. Mittana Prasanth Kumar, Presented a paper on the titled Biogas Generation From Food Waste Using Anaerobic Digestion Technique in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
33. Durgumahanti Abishek, Presented a paper on the titled Portable Construction Material Mixer (Model) in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
34. Jagarapu Ramesh, Presented a paper on the titled Portable Construction Material Mixer (Model) in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.

35. Jalluri Rajasekhar, Presented a paper on the titled Portable Construction Material Mixer (Model) in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
36. Podinala Harishitha, Presented a paper on the titled Effect Of Quarry Dust, Bamboo Fibre And Coconut Fibre Dust On The Split Tensile Strength Of Concrete in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
37. Kummari Nitish Kumar, Presented a paper on the titled Effect Of Quarry Dust, Bamboo Fibre And Coconut Fibre Dust On The Split Tensile Strength Of Concrete in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
38. Meher Lakshmi Tejaswi Vanga, Presented a paper on the titled Effect Of Quarry Dust, Bamboo Fibre And Coconut Fibre Dust On The Split Tensile Strength Of Concrete in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
39. Kuramana Bhaskara Rao, Presented a paper on the titled Effect Of Quarry Dust, Bamboo Fibre And Coconut Fibre Dust On The Split Tensile Strength Of Concrete in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
40. Navya Sahiti Sangam, Presented a paper on the titled Oil Water Separation Using Natural Adsorbent in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
41. Anil Kumar Mavuri, Presented a paper on the titled Oil Water Separation Using Natural Adsorbent in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
42. Maheswari Nagulapalli, Presented a paper on the titled Oil Water Separation Using Natural Adsorbent in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
43. Laxmi Bharadwaj Kothakota, Presented a paper on the titled Oil Water Separation Using Natural Adsorbent in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.

44. Saragadam Roshini, Presented a paper on the titled Study Of Cost Effectiveness In Design Of Structures With High Performance Concrete in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
45. Pyla Teja, Presented a paper on the titled Study Of Cost Effectiveness In Design Of Structures With High Performance Concrete in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
46. Meesala Saikumar, Presented a paper on the titled Study Of Cost Effectiveness In Design Of Structures With High Performance Concrete in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
47. Sunkari Chandramouli, Presented a paper on the titled Study Of Cost Effectiveness In Design Of Structures With High Performance Concrete in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
48. Ratnala Gopikrishna, Presented a paper on the titled Energy Harvesting By Using Piezoelectric Material in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
49. Kunchala Dilleswara Rao, Presented a paper on the titled Energy Harvesting By Using Piezoelectric Material in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
50. Naveen Surada, Presented a paper on the titled Energy Harvesting By Using Piezoelectric Material in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
51. Kundangi Lokesh, Presented a paper on the titled Energy Harvesting By Using Piezoelectric Material in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
52. Varanasi Lahari, Presented a paper on the titled Application Of Storm Water Management Model To An Urban Catchment in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.

53. Shaik Abdul Junaid, Presented a paper on the titled Application Of Storm Water Management Model To An Urban Catchment in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
54. Venkata Charan Kotra, Presented a paper on the titled Application Of Storm Water Management Model To An Urban Catchment in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
55. Madina Sushma, Presented a paper on the titled Application Of Storm Water Management Model To An Urban Catchment in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
56. Pattika Prasanna Kumar, Presented a paper on the titled Assessment Of Strength And Durability Behaviour Of High-Volume Fly Ash Concrete in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
57. Nikki Souhit Vikas, Presented a paper on the titled Assessment Of Strength And Durability Behaviour Of High-Volume Fly Ash Concrete in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
58. Pilla Venkata Rao, Presented a paper on the titled Assessment Of Strength And Durability Behaviour Of High-Volume Fly Ash Concrete in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
59. Sasidhar Tammannagari, Presented a paper on the titled Level Of Service Analysis Of An Intersection With Clover Leaf Interchange in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
60. Peesapati Sheshadri, Presented a paper on the titled Level Of Service Analysis Of An Intersection With Clover Leaf Interchange in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.

61. Misra Rabi Kumar, Presented a paper on the titled Level Of Service Analysis Of An Intersection With Clover Leaf Interchange in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering, Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
62. Pattika Manoj Kumar, Presented a paper on the titled Level Of Service Analysis Of An Intersection With Clover Leaf Interchange in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
63. Teki Mahesh Kumar, Presented a paper on the titled Structural Behavior Of Bamboo Reinforced Wall Panel Incorporated With Fly-Ash And Granite Stone Sludge in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
64. Nadipelli Sai Sarath, Presented a paper on the titled Structural Behavior Of Bamboo Reinforced Wall Panel Incorporated With Fly-Ash And Granite Stone Sludge in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
65. Laveti Manikanta, Presented a paper on the titled Structural Behavior Of Bamboo Reinforced Wall Panel Incorporated With Fly-Ash And Granite Stone Sludge in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
66. Rada Karthik, Presented a paper on the titled Structural Behavior Of Bamboo Reinforced Wall Panel Incorporated With Fly-Ash And Granite Stone Sludge in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
67. Duddu Chinnammalu, Presented a paper on the titled Smart Security System For Home in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
68. Suddala Kranthikumar, Presented a paper on the titled Smart Security System For Home in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
69. Yabajivinay Kumar, Presented a paper on the titled Smart Security System For Home in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.

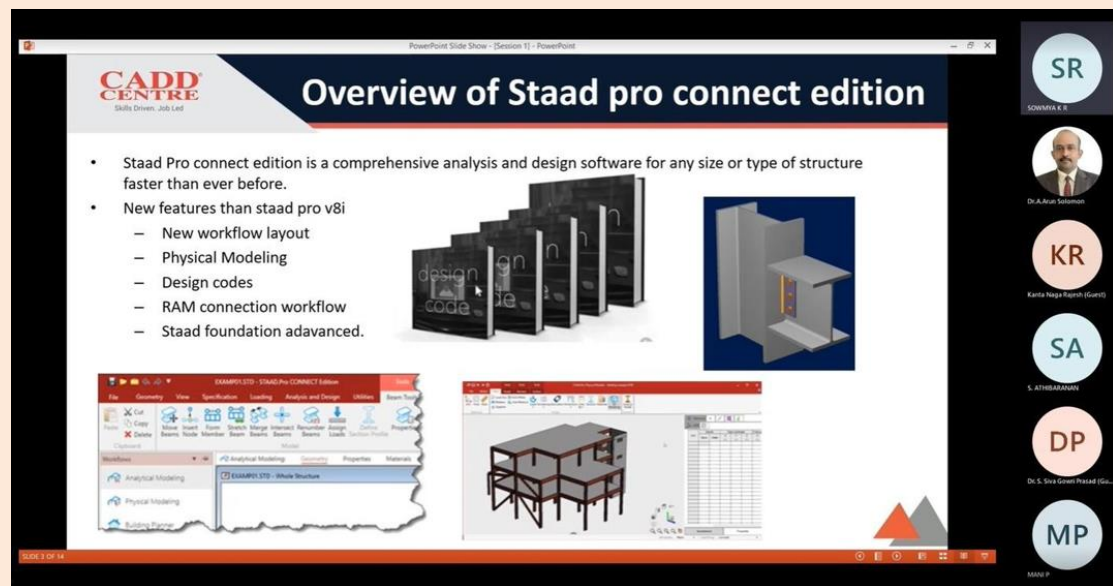


70. Mahammad Ariff, Presented a paper on the titled Smart Security System For Home in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
71. Akhil Varma Mudunuri, Presented a paper on the titled Design, Analysis And Estimation Of G+3 Residential Bulding Using Etabs in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
72. Chaitanya Varma Siluguri, Presented a paper on the titled Design, Analysis And Estimation Of G+3 Residential Bulding Using Etabs in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
73. Asif Baba Mohammad, Presented a paper on the titled Design, Analysis And Estimation Of G+3 Residential Bulding Using Etabs in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
74. Divya Pandranki, Presented a paper on the titled Design, Analysis And Estimation Of G+3 Residential Bulding Using Etabs in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
75. Srinuvasurao Vechalapu, Presented a paper on the titled Study Of Mechanical And Hydrological Characteristics Of Pervious Concrete With Recycled Concrete Aggregates in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
76. Mohansairam Mudadla, Presented a paper on the titled Study Of Mechanical And Hydrological Characteristics Of Pervious Concrete With Recycled Concrete Aggregates in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
77. Mouli Vakada, Presented a paper on the titled Study Of Mechanical And Hydrological Characteristics Of Pervious Concrete With Recycled Concrete Aggregates in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.

78. Sai Kumar Meegada, Presented a paper on the titled Study Of Mechanical And Hydrological Characteristics Of Pervious Concrete With Recycled Concrete Aggregates in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
79. Singapurapu Naveen, Presented a paper on the titled A Proposed Physical Model To Produce Electricity From Speed Braker in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
80. Nagireddi Tejaprasad, Presented a paper on the titled A Proposed Physical Model To Produce Electricity From Speed Braker in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
81. Nemmadi Sai Charanya, Presented a paper on the titled A Proposed Physical Model To Produce Electricity From Speed Braker in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
82. Potukuri Mahesh, Presented a paper on the titled A Proposed Physical Model To Produce Electricity From Speed Braker in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
83. Pothina Syam Prasad, Presented a paper on the titled Removal Of Turbidity Of Water Through Water Treatment in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
84. Rameswarapu Sri Sai Amogh Chandra Mouli, Presented a paper on the titled Removal Of Turbidity Of Water Through Water Treatment in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
85. Shaik Ijaj, Presented a paper on the titled Removal Of Turbidity Of Water Through Water Treatment in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.

86. Jitendra Bevara, Presented a paper on the titled Durability Studies Of Alkali-Activated Slag Concrete in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
87. Durgasi Naveen, Presented a paper on the titled Durability Studies Of Alkali-Activated Slag Concrete in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
88. Kameswara Rao Gudivada, Presented a paper on the titled Durability Studies Of Alkali-Activated Slag Concrete in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022.
89. Santhosh Kumar Akkalapothu, Presented a paper on the titled Durability Studies Of Alkali-Activated Slag Concrete in the National Level Virtual Conference on Sustainable Innovative & Advancement in Civil Engineering ,Organized by Department of Civil Engineering, Solamalai College of Engineering, Madurai" on 07th May 2022
90. A.Arun Solomon, J.Joel Shelton, C.Daniel, Presented a paper titled "Turning Low-Density Polyethylene plastic waste into plastics bricks for sustainable development", in the Second International Conference on Construction Materials and Structures (ICCMS-2022) during 13-19 December, 2022, Organized by the Department of Civil Engineering, National Institute of Technology, Calicut, India.
91. A.Arun Solomon, M.Selvarathi, N.Anand, Presented a paper titled "Influence of Supplementary Cementitious Materials on Stress-Strain behaviour and Toughness Characteristics of Concrete Subjected to Higher Temperature Exposure", in the Second International Conference on Construction Materials and Structures (ICCMS-2022) during 13-19 December, 2022, Organized by the Department of Civil Engineering, National Institute of Technology, Calicut, India.
92. B A V. Ram Kumar, G. Ramakrishna, Presented a paper titled "Performance Evaluation of Red Mud as a Construction Material: A state of Art Review", in the Second International Conference on Construction Materials and Structures (ICCMS-2022) during 13-19 December, 2022, Organized by the Department of Civil Engineering, National Institute of Technology, Calicut, India.
93. U.Siva Rama Krishna, T.Vijaya Gowri and E Sree Keerthana presented a research paper titled " A study on Design of Sustainable Bituminous Concrete Pavement Design with Subgrade Soil Stabilization" in 14th International Conference on Transportation Planning and Implementation Methodologies For Developing Countries organized by IIT Bombay between 19th and 21st December 2022.

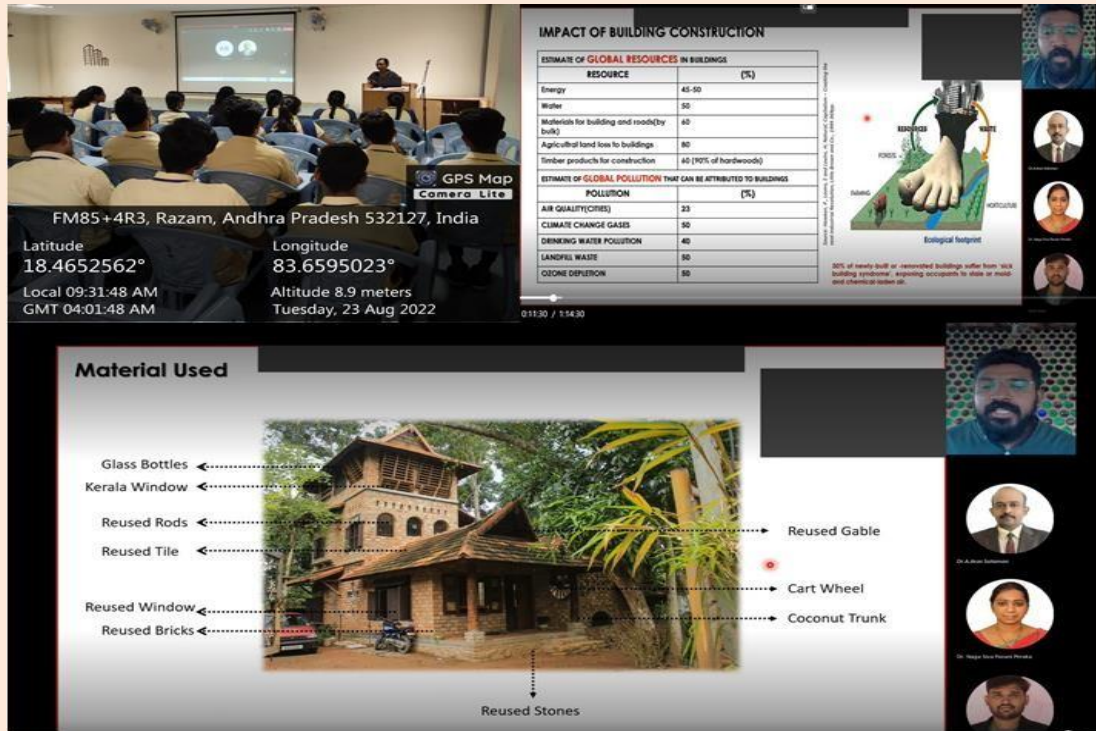
## ORGANIZED PROGRAMS



One Day Faculty Training Session was organized for 'Staad.Pro (V22)' by CADD Centre Training Services (P) Limited, Chennai on 06.08.2022.



Career Guidance program was organized for third year students on the title of 'Career Perspectives' on 12.07.2022.

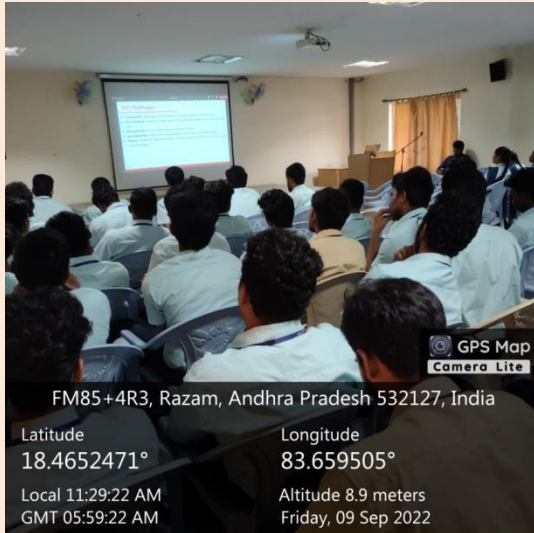


Virtual Guest Lecture was organized for second year students on the title 'Sustainable Architecture Practices- Emphasis on Engineering Aspects' by architect Ashams Ravi, Social Architect, Costford, Kerala on 23<sup>rd</sup> Aug 2022.



### Virtual Guest Lecture on R Programming for Mezzanine Technologies

Resource Persons: M.Babu Rao, Assistant Professor, Department of Civil Engineering, VIIT, Vizag, AP. Date: 01.09.2022, Number of Participants: 102



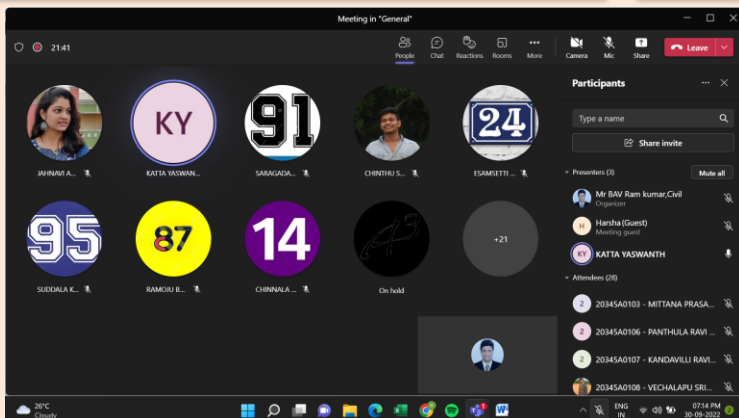
**Virtual Guest Lecture on Basics of Internet of Things(IoT), Resource Persons: Aguru Aswani Devi, Research Scholar, NIT Warangal. Date: 09.09.2022, Number of Participants:98**

**Virtual Guest Lecture on Basics of Internet of Things(IoT), Resource Persons: Aguru Aswani Devi, Research Scholar, NIT Warangal. Date: 09.09.2022, Number of Participants:98**

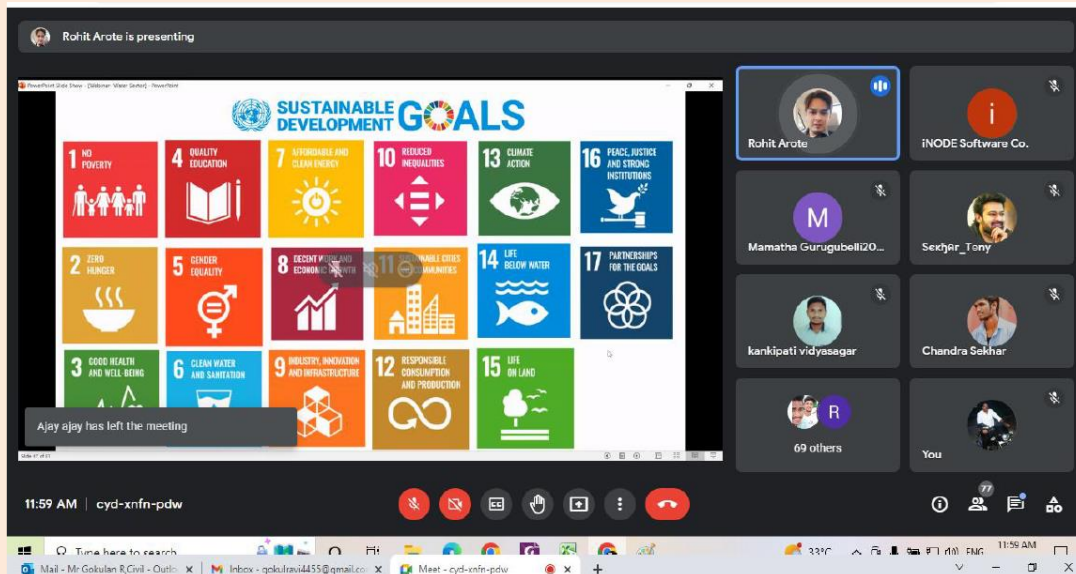


**Guest lecture on RS and GIS Applications in Civil Engineering. Resource Person: Mrs. Rahisha Thottolil, Research Scholar, IIIT Bangalore, Date:24.09.2022 mber of Participants:102**

**Workshop on Brick Masonry Construction,Organized by Department of Civil Engineering, GMRIT, Rajam. Date: 24.09.2022, Number of Participants:108**



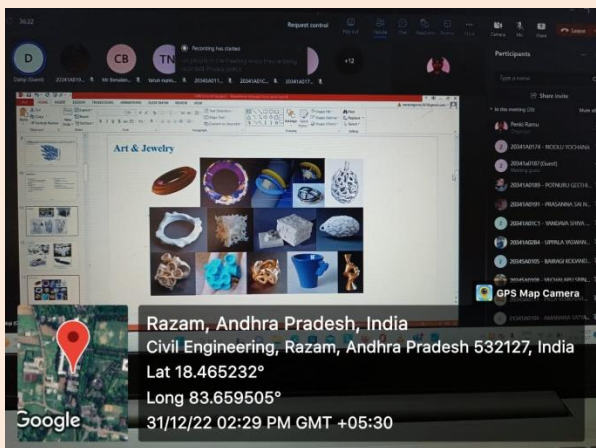
**Awareness and Interactive Session on L&T Online Test and Interview ProcessResource Persons: Mr.K.Yashwanth & Mr.D.Sri Harsha, GET @ L&T, Chennai, Organized by Department of Civil Engineering, GMRIT, Rajam.Date: 30.09.2022, Number of Participants:108**



**Career Counselling on 'Opportunities for Civil Engineers in Water Sector  
Resource Persons: Mr.Rohit Arate, CMO, iNODE Software, Pune Organized  
by Department of Civil Engineering, GMRIT, Rajam. Date:17.10.2022,  
Number of Participants:136**



**Razam, Andhra Pradesh, India  
FM85+4R7, Razam, Andhra Pradesh 532127, India  
Lat 18.465219°  
Long 83.659512°  
29/10/22 02:48 PM GMT +05:30**



**Razam, Andhra Pradesh, India  
Civil Engineering, Razam, Andhra Pradesh 532127, India  
Lat 18.465232°  
Long 83.659505°  
31/12/22 02:29 PM GMT +05:30**

**Digital marketing and Geofencing for  
Entrepreneurship Resource Persons:  
Mr.P.Ramu, Assistant Professor, Department of  
Civil Engineering, GMRIT, Rajam. Date:  
29.10.2022, Number of Participants:6**

**Department of Civil Engineering  
organized an awareness Session on "3D  
Printing: Business opportunities in India"  
on 31.12.2022, 2:00pm in Microsoft  
Teams. Resource person is Sri Locherla  
Daloji, Dept. of Mechanical Engineering,  
NIT Warangal. Telangana.**

## ONLINE CERTIFICATION COURSES

---

- ❖ Dr. S. S. G. Prasad has completed 12 weeks online course “The Joy of Computing using Python”, on 27-May-2022, certified by NPTEL.
- ❖ Mr. BPVRS Priyatham has completed 12 weeks online course “The Joy of Computing using Python”, on 27-May-2022, certified by NPTEL.
- ❖ Mr. U. Siva Rama Krishna has completed 12 weeks online course “The Joy of Computing using Python”, on 27-May-2022, certified by NPTEL.
- ❖ Mr. PENKI RAMU has completed 12 weeks online course “The Joy of Computing using Python”, on 27-May-2022, certified by NPTEL.
- ❖ Mr. Kakara Srikanth has completed 12 weeks online course “Data Analytics with Python”, on 09-May-2022, certified by NPTEL.
- ❖ 68 students of 6<sup>th</sup> Semester completed 240 Online courses listed below certified by Coursera.
  - Construction Cost Estimating And Cost Control
  - Mastering Bitumen For Better Roads And Innovative Applications
  - BIM Fundamentals For Engineers
  - BIM Applications For Engineers
  - Introduction For Python Programming
- ❖ Mr. Penki Ramu has completed 02 Hours online course on “Google Ads for Beginners” on 23-Aug-2022, certified by Coursera.
- ❖ Mr. Penki Ramu has completed 01 Hour online course on “Small Business Marketing Using YouTube” on 23-Aug-2022, certified by Coursera.
- ❖ Mr. Penki Ramu has completed 1.5 Hours online course on “Create a Facebook Business Page” on 20-Aug-2022, certified by Coursera.
- ❖ Mr. Bimalendu Dash has completed 07 weeks online course on “Programming for Everybody (Getting Started with Python) ” on 16-June-2022, certified by Coursera.
- ❖ Dr. R. Gokulan has completed 04 weeks online course on “Python for Beginners” on 15-Sep-2022, certified by Coursera.
- ❖ Dr. Naga Siva Pavani Peraka has completed 04 weeks online course on “Python for Data Science” on 17-Oct-2022, certified by NPTEL.
- ❖ Mr. Penki Ramu has completed 04 weeks online course on “Revit Architecture” on 16-Nov-2022, certified by MSME-Technology Development Centre (Process & Product Development Centre, Agra), Ministry of MSME, Govt. of India Society.



## FACULTY PARTICIPATIONS



Five of the Faculty members have successfully completed the faculty development programme on 'AI/ML and Teaching Methodologies' offered jointly by the Commonwealth Educational Media Centre for Asia (CEMCA) and Andhra Pradesh Information Technology Academy from 20th June 2022 to 24th June 2022

### The Participated Faculties

- Dr.G.Ganesh Prabhu
- Dr.A.Arun Solomon
- Mr.K.Naga Rajesh
- Mr.P.Ramu
- Mr.K.Raviteja

- ❖ Mr. BPRVS Priyatham attended a 5 days FDP on “Advanced Materials and Technologies in Civil Engineering” conducted by Sharad Institute of Technology from 18th July-2022 to 22nd July-2022.
- ❖ Dr. R. Gokulan attended a 1 day FDP on “One day IIC Regional Meet” conducted by Andhra University on 10th Aug-2022.
- ❖ 5 Faculties attended a 6 days FDP on “Amazon Web Services” conducted by Department of CSE, GMR Institute of Technology, Rajam from 22nd Aug-2022 to 27th Aug-2022.
- ❖ 4 Faculties attended a 5 days FDP on “Futuristic Research Scope in Civil Engineering” conducted by CK College of Engineering and Technology, Cuddalore from 23rd Aug-2022 to 27th Aug-2022.
- ❖ 2 Faculties attended a 5 days FDP on “21st Century Skills for Teaching & Learning (CSTL-2022)” conducted by Department of CSE, GMR Institute of Technology, Rajam from 16th Aug-2022 to 20th Aug-2022.

- ❖ 4 Faculties attended a 7 days FDP on “Emerging Trends and Practices in Civil Engineering” conducted by Aditya Institute of Technology & Management, Tekkali, Andhra Pradesh from 21st Nov-2022 to 27th Nov-2022.
- ❖ Kanta Naga Rajesh attended a 10 days FDP on “Applications of Artificial Intelligence & Machine Learning In Civil Engineering” conducted by R.V.R. & J.C. College Of Engineering, Guntur, Andhra Pradesh from 27-10-22 to 25-11-22.
- ❖ PENKI RAMU attended a 30 days STTP on “Revit Architecture” conducted by MSME-Technology Development Centre (Process & Product Development Centre, Agra), Ministry of MSME, Govt. of India Society, from 10.10.2022 to 09.11.2022.
- ❖ PENKI RAMU attended a 30 days STTP on “Computer Hardware & Networking” conducted by MSME-Technology Development Centre (Process & Product Development Centre, Agra), Ministry of MSME, Govt. of India Society, from 14.11.2022 to 13.12.2022
- ❖ 4 Faculties attended a 5 days workshop on “International workshop on construction materials” conducted by NIT Calicut, India from 13-12-22 to 17-12-22.

## CO-CURRICULAR ACHEIVEMENTS

---



Mr.J.Sandeep (2034102202) received appreciation certificate for presenting the model of ‘Light Transmitting Concrete’ on World Entrepreneurship Day of 21<sup>st</sup> Aug 2022.

## EXTRA-CURRICULAR ACHEIVEMENTS



Jahnavi Adduri secured 1st place in 9th A.P. State Junior Equipped Powerlifting Championship 2022-23 under 69kg Category, which was conducted at Mangalagiri, Guntur dist. on 8th June, 2022

She also secured 1st place in South India Powerlifting Championship 2022 under 69kg category.

She got selected to represent AP State in upcoming National Junior Equipped Powerlifting Championship – 2022.



Saragadam Roshini secured 3rd place in 9th A.P. State Junior Equipped Powerlifting Championship 2022-23 under 57kg Category, which was conducted at Mangalagiri, Guntur dist. On 8th June, 2022.

She also secured 2nd place in South India Powerlifting Championship 2022 under 57kg category.



G.Gowtham secured 2nd place in 9th A.P. State Junior Equipped Powerlifting Championship 2022-23 under 85kg Category, which was conducted at Mangalagiri, Guntur dist. On 8th June, 2022.



Badithamani Sandhya (21341A0105) participated in the 9th AP state Sub Junior Junior And Senior (Men And Women) Equipped Power Lifting Championship-2022-23 at Mangalagiri Guntur district, on 8th to 10th June 2022

## STUDENTS PARTICIPATION

- ❖ 33 Number of students attended a non-technical event “FAME ATTRACTION” on 21-July-2022, conducted by Indian Society for Technical Education (ISTE) in association with GMR Institute of Technology.
- ❖ 48 Number of students attended a technical event “MYSTIFY YOUR IQ” on 28-July-2022, conducted by Institute of Engineers (IE) in association with GMR Institute of Technology.
- ❖ 109 Students attended the online Guest Lecture on “Sustainable Construction Practices – Emphasis on Engineering Aspects” delivered by Ar. Ashams Ravi, Social Architect, COSTFORD, Thiruvananthapuram, Kerala on 22-August-2022 between 9.30 and 11 AM. The guest lecture was organized by the Department of Civil Engineering, GMR Institute of Technology Rajam.
- ❖ 30 Number of students attended a technical event “Presentation on Sustainable Green Building Structures” on 13-September-2022, conducted by Indian Society for Technical Education (ISTE) in association with GMR Institute of Technology.
- ❖ 31 Number of students attended a technical event “Engineers Innovative Ideas (E2I)” on 28-July-2022, conducted by Institute of Engineers (IE) in association with GMR Institute of Technology.
- ❖ 50 Number of students attended a non-technical event “SMRITI (Power Your Memory)” on 26-OCT-2022, conducted by Indian Society for Technical Education (ISTE) in association with GMR Institute of Technology.

- ❖ 131 Number of students attended a technical event “Memory Hunt” on 24-Nov-2022, conducted by GMR Institute of Technology in association with Indian Society for Technical Education (ISTE).
- ❖ 28 Number of students attended a technical event “Talent Expo” on 14-Dec-2022, conducted by GMR Institute of Technology in association with Indian Society for Technical Education (ISTE).

## **NEW RECRUITMENTS**

---



**Dr.S.Athibaranan**

**DoJ: 15.07.2022**

**Sr.Assistant Professor**