



RANCHANA

**Madanapalle institute of
technology & science**

NEWS LETTER



DEPARTMENT OF CIVIL ENGINEERING

EDITED BY

**Dharma Teja
M.Manogna**



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

DEPARTMENT OF CIVIL ENGINEERING

(UGC Autonomous Institution)

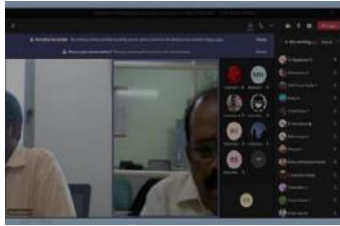
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Guest Lectures

Department of Civil Engineering (CE) organized:

A Guest Lecture on “Design of Plate Girder” Arranged was organized by Dept. of Civil for B. Tech students on 13th Sep 2021.



Chief Guest - Dr. Mahendrakumar Madhavan, Associate professor, Dept of Civil , IIT Hyderabad..Dr N. Vijayakumar N, presented a brief



introduction about the resource person to audience. Dr. Mahendrakumar Madhavan, resource person of the program, explained about the design of plate girder in terms of structural Aspects, steel frame bridge construction, and design of various bridge and building.

ENGINEERS' DAY CELEBRATION- 15 September 2021

The Department of Civil Engineering organized “ENGINEERS’ DAY” on 15th September 2021 commemorating the birth Anniversary of Sir M.Visvesvaraya. Programme Inauguration: Mr. Balamurugan convener of this programme welcomed all the dignitaries, faculty and students to the programme and expressed his gratitude to the Management and Principal for giving permission and



extending financial support to organize the programme. Sir M. Visvesvaraya's Photo was garlanded and tributes were paid to him by all the dignitaries. Welcome speech:

Dr. Dipankar Roy welcomed the Vice Principal, Heads of all departments, teaching and nonteaching staff, students, press and media to the function. He briefed the contribution of Sir M. Visvevarya to the Engineering field and advised students to achieve and contribute to their department. The following competitions were conducted by the Department of Civil Engineering, on 14th September 2019 i.e. and



the winner prizes and the certificates were distributed on 15th September 2021.

- Essay writing competition on ‘Engineering profession’
- Poetry on ‘Engineers and Engineering profession’
- Quiz on ‘Engineer’s Day’



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A Five –Day National Level Workshop on Advanced Civil Engineering Techniques 07/12/2021 – 11/12/2021

The Department of Civil Engineering organized “A Five –Day National Level Workshop on Advanced Civil Engineering Techniques” from 07th December 2021 to 11th December 2021, for incept the advanced civil engineering techniques to civil engineering community. Inauguration Programme: Ms. Haleema and Mr. Hamsha, student coordinator of workshop, welcomed all the dignitaries, faculty and students to the five days workshop and expressed his gratitude to the Management and Principal for giving permission and extending financial support to organize the programme.



Dr.C.Yuvaraj, Principal expressed his wishes and motivation to the young and future civil engineers of the nation and also he said about the engineering professional’s importance for a nation growth.

Day 1: Mr. Shiva Prakash MV, Assistant Professor, delivered his speech on how to learn a chapter within 30 minutes and he continued the second session.



Day 2: The first session of the day started by Dr. Biraja Prasad Mishra, Sr. Assistant Professor on Basics for MATLAB as a hands-on training. Further, second session was started by Dr. Vinod Kumar A., Associate Professor, as a hands-on training of IITPAVE software base on IRC 37 – 2018

Day 3: The first session of the day starts with Dr. Swapneel S. Jaiswal, Sr. Assistant Professor speech on Application of SPSS statistical software in engineering as a hands-on training. Further, second session was started by Dr. Mahesh G.B., Sr. Assistant Professor, on removal of emerging contaminations from water and wastewater.

Day 4: The first session of the day starts with Dr. Sudheer Kumar Y, Sr. Assistant Professor speech on Introduction to Plaxis 2D as a hands-on training. Further, second session was started by Dr. Balamurugan G. Assistant Professor, on surveying techniques using total station.

Day 5: The first session of the day starts with Dr. Dipankar Roy, Head and Professor, hands-on training on QGSIs. Further, Valedictory function was take to the place.

**“Education is the best friend. An educated person is respected everywhere.
Education beats the beauty and the youth.” – Chanakya**



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Guest lecture on the topic “Climate change and its impact on environment” on 04 March 2022

A guest lecture on the topic Climate change and its impact on environment was held in the Seminar Hall of Madanapalle Institute of Technology & Science, Madanapalle. The event was organised by the Department of Civil Engineering. Professor Kanhu Charan Patra, (Professor HAG, National Institute of Technology Rourkela, Odisha) was the chief guest of the event. The event was started with welcome address by Dr Dipankar Roy, Professor and HOD of Civil Engg. MITS. Then, Professor C Yuvaraj, Principal, MITS



welcomed the participants to the event. The profile of the chief guest was read by Dr Biraja Prasad Mishra. Professor Kanhu Charan Patra then enlightened the participants with his knowledge and experience in the field. He discussed on the global climate change and its effect on our day to day life, addressed the challenges related to water and food the human kind is going to face in next 25-50 years and what the civil engineers can do about the climate change.

Coordinated by : Dr. Biraja Prasad Mishra, Senior Assistant Professor, Dept. of Civil

Guest lecture on “FEM modeling for Composite Structures” (Online mode). on 16-02-2022.

The session was started at 10.30 PM. Dr Dipankar Roy, Head of the Department gave an opening note about the guest lecture. Further, Dr N. Vijayakumar N, presented a brief introduction about the resource person to audience. Dr. M. Chellapandian, resource person of the program, explained about the composites and composites structures in terms of structural aspects, fiber reinforced polymers (FRP) for construction, and design of FRP composites bridge and building.



Coordinated by : Dr. Balamurugan G., & Dr. Vijayakumar N., Assistant Professor, Department



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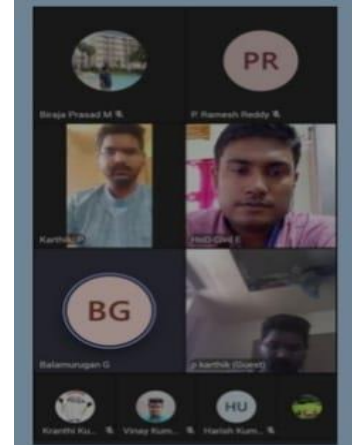


Alumni webinar by Karthik (NIT-J)

The Department of Civil Engineering organized "Alumni webinar about NIT and its entrance exam GATE" on 20 April 2022, by Mr. Karthik. P (NIT-J).

Welcome speech: The webinar was started by Dr. Balamurugan. G. He welcomed the Guest and MITS alumni, P. Karthik, Head of the Department, faculty, students, press and media to the webinar.

Further Mr. Karthik delivered his speech about the NIT, their environment and studies in that institute. Then he shared his experience in that institute and explained about the entrance exam 'GATE', preparation for that exam, division of syllabus, short cuts of solving problems and everything that help to crack the exam. The session was interactive and he clarify the doubts raised by students. Finally, Mr. Sai Puneeth Royal 3rd year, Civil propose the vote of thanks.



CITA'22

A one-day national level students' technical symposium

The Department of Civil Engineering organized "CITA'22 A one-day national level students' technical symposium" on 30 May 2022. This is the common technical symposium which is organized by every institute and every department individually. The mission of this event is 'The Hunt for Talent'.

In this technical symposium we have conducted many events, both technical and non-technical. This entire event was conducted and organized by students only. HOD and faculty has given complete support to organize this event and make it as a success. Students from other department also shown their interest to the participation in the events we have conducted.

The technical events of this CITA are paper



presentation, poster presentation, project expo, model making, short video. All these events are based on only one theme 'Advanced civil engineering techniques'. Student participations are more for the technical events. The non-technical events are treasure hunt, ready to grasp. These are the events which will test their IQ and

grasping power. As this symposium's mission is the hunt for talent, so these events are also considered and conducted.



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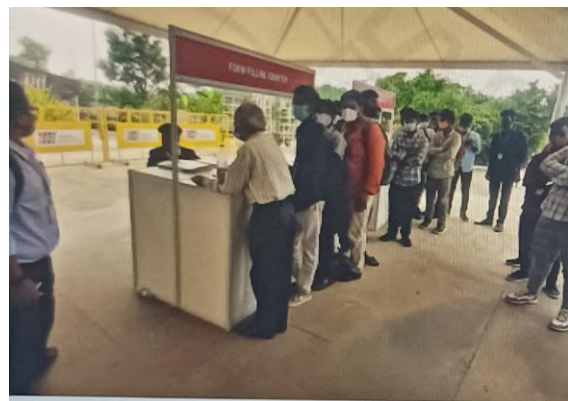
Both winners and runners are rewarded with attractive cash prizes and certificates on the hands of our dignitaries. All the events have conducted very well according to their timings. Students has came from other colleges to participate in this symposium. At the end Mr. Rakesh and Ms. Lahari 3rd year, Civil Proposed the vote of thanks.

ROOF INDIA INDUSTRIAL VISIT 23.04.2022



India is the 2nd fastest-growing major economy in the world and spite of the global economic scenario, the Building Construction & Infrastructure industry in India continues to boom. Pre-engineered Buildings / Factories, Airport modernization / new airports projects, metro Rail, New Hotel / Resorts, IT Parks, Retail Malls, Hypermarkets, Multiplexes, Integrated Townships to mention a few are still buzzwords today in Infrastructure industry. And it is this scenario, ROOF INDIA Exhibition – Asia's

Largest Roofing & Allied Products Event, that provides the ideal platform for the building construction and infrastructure industry fraternity to converge, network, and strike lucrative business deals establish business partnerships & joint ventures. ROOF INDIA 2022 was held during 21 – 23 April 2022 at Venue: BIEC, Bengaluru, India. During the visit, 32 students and four faculties followed by Site Engineer and Assistant Site Engineer have visited the Industry to understand and learn about upgrades in roofing technologies. They also saw roofing products made from different materials. Students were split into groups of 9 people followed by one faculty member to avoid the crowd in the Exhibition to ensure not to disturb the business interactions. The representatives of various companies described the different properties of the products used as roofing materials and justified the enhancing comfort index of the occupancies in such structures. At 3.00 p.m., we started the return journey to the college.



**Coordinated by : Dr. Biraja Prasad Mishra, Dr. Swapneel Jaiswal,
Mr. Pradeep M, Mr. Shiva Prakash MV. Dept. of Civil Engineering, MITS.**



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Farewell Party Date: 10/06/2022

Department of civil engineering have planed the farewell party for our 4th years on 10 June 2022. Third years had planed everything to the farewell. The cultural activities, plantation for their remembrance and some activities are held to make them feel better in their last days of college. Before this farewell our dept fest was happened. In this farewell we celebrated success of CITA. For the



best coordinator we awarded certificates for make CITA a success. Some of students from 4th year have given some motivational speech. Students of 4th year have planted a small tree in our campus garden along with faculty, HOD, vice principal and principal. Our dignitaries also delivered some speech which will help students to survive and buildup their career and future.



Industrial visit to a reservoir construction near Mudivedu.

Students and faculty had reached the reservoir construction site at 12:30pm on 09 June 2022. The contractor who have invited us for the construction site have explained about the construction. The sq.ft of the reservoir and the amount of water it can store, the type of steel used, type of cement used and everything he have explained. He



explained about the budget that is given for the construction, days of work which has been schedule and the types of workers present there do complete the construction. The visit was more interactive with effective learning and it made to understand the concepts

involved in construction of reservoir to the students. This industrial visit finished and students returned to Angallu around 04:00pm.



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CONSULTANCY ACTIVITIES IN DEPARTMENT

Department is well equipped with NABL certified laboratories and experienced faculty members to take up consultancy works in different areas of Civil Engineering. The department generated revenue from consultancy works in both private and public sectors. Consultancy is one of the principal mechanisms by which transfer of knowledge to public, private and third sector groups, and contribute to the growth of the economy and to the needs of society more generally. The provision of expert advice to external clients by the



staff is a prominent, through which higher education institutions promote and support productive interaction with business and industry. Consultancy services might include: material testing and offering specialist opinion, advising on technical issues or solving problems for firms. Department of civil engineering can use consultancy to generate additional income, and to engage with new or existing partners. The MITS can derive valuable benefits from civil engineering department by offering consultancy services, including: generating external income, enriching the experience of staff and contributing to teaching and research.





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Andhra Pradesh

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