



# MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)

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NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH), MBA & MCA

Report on

“**RESEARCH TALK**”

Organised by

**Department of CIVIL Engineering**

In Collaboration with

**The Research & Development cell**

**29.07.2024**



**MIT** MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE  
(UGC-AUTONOMOUS INSTITUTION)

Angallu Madanapall-517325, Andhra Pradesh, India

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**ASCEMITS STUDENT CHAPTER**  
DEPARTMENT OF CIVIL ENGINEERING



**Department of Civil Engineering**  
in Collaboration With  
**Research & Development Cell**

**RESEARCH TALK**



**Mr. Pradyut Anand (Asst. Professor)**  
Department of Civil Engineering

**Topic :**

Enhancing the Performance and Mechanical Properties of Autoclaved Aerated Concrete Using Steel Wool Fibers, Construction Waste And Alkaline Solution: The Role of Loading Rate and Accelerated Curing

Venue  
Seminar Hall-B  
Date :29/07/2024  
Timing  
4:00PM to 5:00PM

**Topic :**

**Mr. G. Uday Kiran**  
UG student, 4th Civil, MITS

**C&D Waste into Building Materials**

Chief-Patron  
Dr. N. Vijaya Bhaskar Choudary  
Secretary & Correspondent

Patron  
Mrs. N. keerthi  
Executive Director

Co-Patron  
Dr. C. Yuvaraj  
Principal

Chief Co-Ordinator  
Dr. Dipankar Roy  
HOD of Civil

Faculty Co-Ordinator  
Dr. Nakkeeran G  
Asst. Professor, Civil Engineering  
Department

Student Co-Ordinator  
A.Vyshnavi

**Submitted by: Dr. Nakkeeran G (Faculty Advisor), Assistant Professor in the Department of Civil Engineering, Madanapalle Institute of Technology & Science (MITS).**

**Dignitaries Present:**

Dr. Tulasiram Naidu, Associate Dean (R&D). Madanapalle Institute of Technology & Science, Madanapalle.

Dr. Dipankar Roy, professor & Head, Department of Civil Engineering,  
Madanapalle Institute of Technology & Science, Madanapalle.

**Objective Of the Program:** The primary goal of the event was to stimulate curiosity about new technologies and trends as well as to encourage towards research. The session's main audience consisted of undergraduate engineering students and faculty members. The students found the session to be very beneficial in terms of gaining fresh ideas for study on new subjects. Young brains have been curious about conducting research because of the faculty and students' exposure to novel concepts.

**Event Details:**

The Department of Civil Engineering in collaboration with the Research & Development Cell has Organized a "RESEARCH TALK" on 29 July 2024 from 4:00PM to 5:00PM in seminar hall-B. Our esteemed Dr. Thulasi Ram Naidu sir, Dean and R&D, HOD of Civil Engineering Dept. Dr. Dipankar Roy were invited on to the dais to kick off the ceremony. The session started with Dr. Dipankar Roy (HoD of Civil Engineering Dept.) with brief introduction of the event and Dr. Thulasi ram Naidu sir (Dean and R&D) share their thoughts and insights with audience.

The session had 2 presentations, one from the faculty from Dept. of Civil Engineering and one from 4<sup>th</sup> year Civil Engineering students. The first talk was on "Enhancing the Performance and Mechanical Properties of Autoclaved Aerated Concrete Using Steel Wool Fibers, Construction Waste, and Alkaline Solution: The Role of Loading Rate and Accelerated Curing." by Mr. Pradyut Anand (Asst. professor), Civil Engineering Department. 2<sup>nd</sup> presentation is on "C&D waste into building materials". by the final year student Mr. G. Uday Kiran (22695A0111).

After completion of all presentations, a student from the session named K. Bhargavi deliver vote of thanks from students end.

The session was concluded by a vote of thanks given by Miss. A. Vyshnavi (Student Co-Ordinator) Department of Civil Engineering. We are extremely thankful to MITS institution and management, Principal MITS, for their continuous support to make this event a sparkling successful one.

### **Outcomes of the event:**

Attendees learn about new research findings and developments in their field.

Research talks inspired students to pursue research careers.

The event increases awareness among the students about the research topic.

**POS Covered: PO2**

**Knowledge and Attitude Profile (WK) targeted: WK4**

## **Photos**



Fig 1: Mr. Pradyut Anand (Asst. Professor, Civil Engineering Dept.) giving his presentation





Fig 2: Audience listening to presentations



Fig 3: Mr. G. Uday Kiran (4<sup>th</sup> year, Civil Engineering student) presenting his research paper



Fig 4: Mr. G. Uday Kiran (4<sup>th</sup> year, Civil Engineering student) presenting his samples made by C&D waste into building materials

## Feedback:



### MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE DEPARTMENT OF CIVIL ENGINEERING

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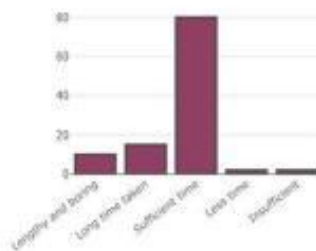


#### Feedback Analysis

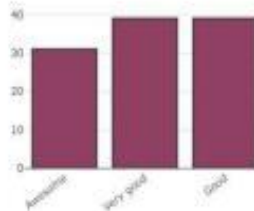
29-07-2024

#### Research Talk on Enhancing the Performance and Mechanical Properties of Autoclaved

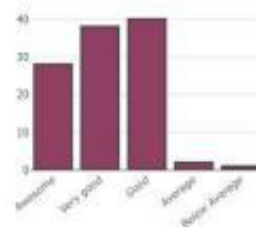
Timely execution and delivery of event



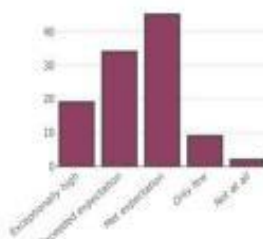
Quality of lecture delivery



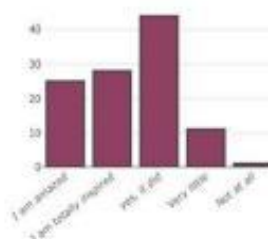
Quality of presentation and Contents



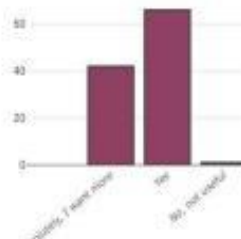
Did the event meet your expectation



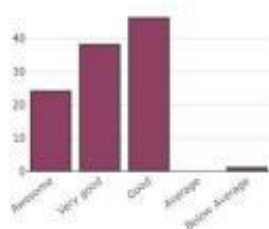
Does it inspire you to explore further opportunities



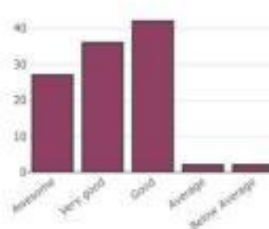
Do you want similar events in future



Overall organisation and coordination of event



Overall learning





MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE			
IV Year I Semester		B.Tech	Civil Engineering
Research Talk			30-07-2024
S.no	Roll No.	Name	Signature
1	21691A0101	PATAN ABUBAKAR SIDDIQ KHAN	
2	21691A0103	BHARATAM ALAMVALI	
3	21691A0104	CHILAMAKURU AMRUTHA VARSHINI	C. Amrithavarshini
4	21691A0105	N ANJALI	
5	21691A0106	K BABA FAKRUDDIN	
6	21691A0107	SATRAM CHANDU	
7	21691A0109	HAKIM DADAPEER	
8	21691A0110	YANAMALA DINESH KUMAR REDDY	Dinesh Kumar
9	21691A0111	PALAGIRI GANGA SAGAR	
10	21691A0112	PALEMKONDA GNANAMBIKA	
11	21691A0113	P HARI PRIYA	
12	21691A0114	G HEMA LATHA	
13	21691A0115	G LAKSHMI PATHI	G. Lakshmi pathi
14	21691A0116	SARANGULA MADHU KUMAR	
15	21691A0119	ETHOTI NANDIVARDHAN REDDY	
16	21691A0121	SHAIK NAWAZ BASHA	
17	21691A0122	CHINTHAPARTHI RAVI THEJA	
18	21691A0123	A SAI BHAVYA SREE	
19	21691A0124	V SAIKRUPA	V. Saikrupa
20	21691A0125	B SAITEJA	
21	21691A0126	PONTHALA SAI YASWANTH	
22	21691A0127	SYED SAIF ALI	
23	21691A0128	T S SHAKEER ALI	
24	21691A0129	SHOYEB ANSARI	
25	21691A0130	MOCHI SHREEJA	
26	21691A0131	BALE SRAVANI	
27	21691A0133	S SUNNY KUMAR	
28	21691A0134	KADIRI SUSHMITHA	K. Sushmitha
29	21691A0135	R SWAROOPA	R. Swaroopa
30	21691A0136	M SYEDTHAHEER	
31	21691A0137	KOTHA TEJAVARDHAN REDDY	
32	21691A0138	B THULASI	B. Thulasi
33	21691A0139	B UDAY KIRAN	
34	21691A0141	R VAISHNAVI	R. vaishnavi

S.no	Roll No.	Name	Signature
35	21691A0142	T VAMSI KRISHNA	
36	21691A0143	RANGANNAGARI VAMSI KUMAR	
37	21691A0144	PARVATHA VENKATA NAGI REDDY	
38	21691A0145	MADDURI VIJAYA	P. V. Reddy
39	21691A0146	A VYSHNAVI	A. Vyshnavi
40	21691A0147	BUKKE YASWANTH NAIK	
41	22695A0101	Y ANUSHA	Y. Anusha
42	22695A0102	GUDUR DEVIMANI	
43	22695A0103	KOLAVALI GANGEESWAR	
44	22695A0104	BHUKYA GOVARDHAN NAIK	
45	22695A0105	SHAIK MOHAMMAD UMAR BASHA	G. Gail
46	22695A0106	YARRABILLAM GARI NAVEENKUMAR	
47	22695A0107	RAYACHOTI PREETHI	D. preethi
48	22695A0108	AREKANTI RAJU	A. Raju
49	22695A0109	MADARAPU SIVAKUMAR	M. Siva
50	22695A0110	KURUBA ARELLAPPAGARI THRILOKA	
51	22695A0111	GOLLA UDAYKIRAN	G. Udaykiran
52	22695A0112	PUTTURU VENUGOPAL REDDY	P. Venugopal
53	22695A0113	MAMILLAPALLI INDHUMATHI	M. Indhumathi
54	22695A0114	GUTTA LAVANYA	G. Lavanya