



# MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)

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NAAC Accredited with A+ Grade, NIRF India Rankings 2022 - Band: 251 - 300 (Engg.)  
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**

**30.08.2024**



**MITS** MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE  
MADANAPALLE (UGC-AUTONOMOUS INSTITUTION)  
Angallu Madanapalle-517325, Andhra Pradesh, India

  
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ASCE MITS STUDENT CHAPTER  
DEPARTMENT OF CIVIL ENGINEERING



Department of Civil Engineering  
in Collaboration With  
Research & Development Cell



**Dr. Surya Dev Singh**  
Asst. Professor, Department of Civil Engineering  
Topic :  
Development of new non-polynomial shear deformation theory  
for the structural analysis of the plate.

Venue  
Seminar Hall-B  
Date :30/08/2024  
Timing  
4:00PM to 5:00PM



**A. Vyshnavi**  
IV Year Civil Engineering, MITS  
Topic :  
Synergies on BIM-AI

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	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).

### **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 as a result of the faculty and student's exposure to novel concepts.

### **Event Details:**

The Department of Civil Engineering in collaboration with the Research & Development Cell has Organized a “RESEARCH TALK” on 30 August 2024 from 4:00 PM to 5:00 PM in seminar Hall B. The session was started by Akhila, a 3rd-year B-Tech student in Civil Engineering, with her anchoring.

The session was continued with two presentations, one from the faculty from the Dept. of Civil Engineering and another from 4th year Civil Engineering student. The first talk was on “Development of new non-polynomial shear deformation theory for the structural analysis of the plate.” by Dr. Surya Dev Singh (Asst. professor), Civil Engineering Department. 2nd presentation was on “Synergies on BIM-AI” by the final year student Ms. A. Vyshnavi(21691A0146). The number of attendees who attended this session was 94 members.

After completion of all presentations, a student from the session delivers vote of thanks, followed by student co-ordinator from students end. 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:**

- The shared research can contribute to the broader scientific community and lead to new discoveries or innovations.
- The talk may inspire students or young researchers to pursue similar research areas.
- Craft a compelling narrative to connect with the audience on an emotional level and make the research relatable.

**POS Covered: PO2**

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

Photos:



Fig 1: Ms. Akhila(3<sup>rd</sup> year, Civil Engineering student) has started her anchoring in the session



Fig 2: Dr. Surya Dev Singh (Asst. professor, Civil Engineering) giving his Presentation





Fig 3: Audience listening to presentations



Fig 4: Ms. A. Vyshnavi(4<sup>th</sup> year, Civil Engineering student) presenting her Presentation

# Attendees list:

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE			
Research TED Talk		30-08-2024	
S.no	Roll No.	Student Name	Signature
1	21691A0146 (4 <sup>th</sup> )	A. Laxmi	A. Laxmi
2	21691A0144 "	P.V. Nagi Reddy	P.V. Nagi Reddy
3	22695A0113 "	M. Indumathi	M. Indumathi
4	22695A0101 "	Y. Anusha	Y. Anusha
5	21691A0112 "	P. Gnanambika	P. Gnanambika
6	22695A0105 (3 <sup>rd</sup> )	K. Bhargavi	K. Bhargavi
7	22695A0104	J. Preethi	J. Preethi
8	22691A0105 (3 <sup>rd</sup> )	Y. Aswini	Y. Aswini
9	22691A0112 (3 <sup>rd</sup> )	B. Haritha	B. Haritha
10	22695A0106 (3 <sup>rd</sup> )	G. Bhargavi	G. Bhargavi
11	22691A0110 (3 <sup>rd</sup> )	B. Gnanaprasanna	B. Gnanaprasanna
12	22691A0117 (3 <sup>rd</sup> )	K. Lalitha	K. Lalitha
13	22691A0122 (2 <sup>nd</sup> )	C. Navya sree	C. Navya sree
14	22691A0114 (3 <sup>rd</sup> )	S. Jeevana	S. Jeevana
15	22691A0111 (3 <sup>rd</sup> )	A. Gnanthami	A. Gnanthami
16	24695A0114 (2 <sup>nd</sup> ) LE	D. Navitha	D. Navitha
17	24695A0119 (2 <sup>nd</sup> ) LE	K. Susmitha	K. Susmitha
18	24695A0103 (2 <sup>nd</sup> ) LE	K. Anusha	K. Anusha
19	23691A0105 (2 <sup>nd</sup> ) Re	G. Chandana	G. Chandana
20	23691A0109 (2 <sup>nd</sup> ) pe	Shaik Farhan Taj	Shaik Farhan Taj
21	23691A0122 (2 <sup>nd</sup> ) Re	E. Meghana	E. Meghana
22	24695A0110 (2 <sup>nd</sup> ) LE	K. Manaswita	K. Manaswita
23	24695A0111 (2 <sup>nd</sup> ) LE	P. Menaka	P. Menaka
24	24695A0101 (2 <sup>nd</sup> ) LE	S. Arin	S. Arin
25	24695A0106 (2 <sup>nd</sup> ) LE	S. Jhansi	S. Jhansi
26	23691A0125 (2 <sup>nd</sup> ) R.E	T. Nym	T. Nym
27	21691A0124	V. Sakoupe	V. Sakoupe
28	21691A0135	P. Suresh	P. Suresh
29	22695A0114	G. Lavanya	G. Lavanya
30	23691A0120 (2 <sup>nd</sup> )	J. Kanya	J. Kanya
31	24695A0102 (2 <sup>nd</sup> ) L.E	U. Amruthavalli	U. Amruthavalli
32	23691A0130 (2 <sup>nd</sup> )	N. Radhya	N. Radhya
33	23695A0108 3 <sup>rd</sup>	S. Deepika	S. Deepika
34	23695A0117 3 <sup>rd</sup>	T. Pranatha	T. Pranatha
35	23695A0101 3 <sup>rd</sup>	C. Akhila	C. Akhila
36	21691A0114 (4 <sup>th</sup> )	G. Hemalatha	G. Hemalatha
37	21691A0115 (4 <sup>th</sup> )	G. Lakshmi Patti	G. Lakshmi Patti
38	22695A0112 (4 <sup>th</sup> )	P. Venugopal Reddy	P. Venugopal Reddy
39	22695A0109 (4 <sup>th</sup> )	B. Gopalakrishna	B. Gopalakrishna
40	22695A0108 (4 <sup>th</sup> )	A. Raju	A. Raju



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Research TED Talk		30-08-2024	
S.no	Roll No.	Student Name	Signature
①	24695A0107	D. Lal Basha	D. Lal Basha
2	24695A0118	R. Sudarshan yadav	R. Sudarshan yadav
3	23691A0146	P. Tharun	P. Tharun
④	24695A0108	G. Lokesh	G. Lokesh
5	24695A0104	Y. Chirna Naganna	Y. Chirna
6	24695A0113	R. Nataraj	R. Nataraj
7	23691A0112	O. Ganeel kumar	O. Ganeel
8	24695A0112	P. Murali	P. Murali
9	24695A0115	E. Parvan Sai	E. Parvan Sai
10	24695A0109	G. Mahesh babu	G. Mahesh
11	23691A0104	G. Bhargava	G. Bhargava
12	23691A0148	P. Mohammed Thoufiq	P. Mohammed Thoufiq
13	23691A0143	R. Sudarshan	R. Sudarshan
14	23691A0124	K. Nagendra	K. Nagendra
15	23691A0113	T. Gnaneswarar	T. Gnaneswarar
16	23691A0110	P. Farooq	P. Farooq
17	24695A0105	C. Harsha	C. Harsha
18	23691A0144	N. Sumanth	N. Sumanth
19	24695A0121	P. Viswanath	P. Viswanath
20	24695A0122	B. Kedarnath	B. Kedarnath
21	24695A0120	A. Hani Krishna	A. Hani Krishna
22	24695A0117	E. Raj Kumar	E. Raj Kumar
23	23691A0137	S. Mohammed Saif	S. Mohammed Saif
24	23691A0121	R. Manoj Narayana	R. Manoj
25	23691A0107	H. Dharmraj Kumar	H. Dharmraj Kumar
26	23691A0128	P. Prasanth	P. Prasanth

<b>MADANAPALLE INSTITUTE OF TECHNOLOGY &amp; SCIENCE, MADANAPALLE</b>	
<b>Research TED Talk</b>	<b>30-08-2024</b> Signature _____





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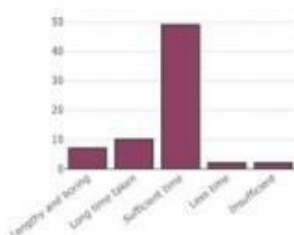


### Feedback Analysis

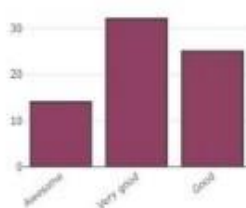
30-08-2024

### Research Talk on Development of new non Polynomial shear deformation theory for structural Analysis of the plate

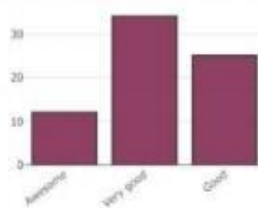
Timely execution and delivery of event



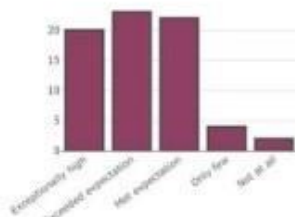
Quality of lecture delivery



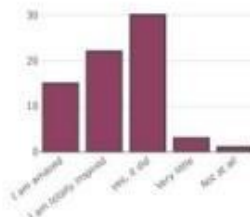
Quality of presentation and Contents



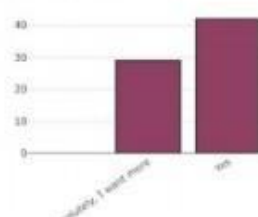
Did the event meet your expectation



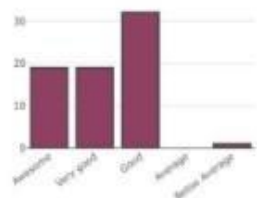
Does it inspire you to explore further opportunities



Do you want similar events in future



Overall organisation and coordination of event



Overall learning

