



**REPORT**  
**ON**  
**PROFESSIONAL TALK ON TRANSFORMING CIVIL,  
INTERIOR AND ARCHITECTURAL DESIGN WITH UNREAL  
ENGINE, AR & VR**  
**ON**  
**10th February 2025**



**Professional Talk**  
**on**  
**Transforming civil, interior and architectural  
design with Unreal Engine, AR & VR**

**Vinoth E**  
Unreal Authorized Instructor | Aerospace Engineer | Azure AI | XR Developer - Space Mission  
Design | Digital Twin | Virtual Reality Research | Wildlife

**Organized By: ASCE MITS Student Chapter, Department of Civil Engineering & Builders' Club**

Chief-Patron	Patron	Co-Patron
Dr. N. Vijaya Bhaskar Choudary Secretary & Correspondent	Mrs. N. Keerthi Executive Director	Dr. C. Yuvaraj Principal
Chief Co-ordinator Dr. Dipankar Roy HOD of Civil & ASCE Faculty Advisor	Faculty Coordinator Dr. Nakkeeran G Asst. Professor, Civil	Student Coordinator D. Dilli Prasad President ASCE Student Chapter

**SUBMITTED BY:** Dr. Nakkeeran G, Assistant Professor, Department of Civil Engineering, Madanapalle Institute of Technology and Science.

**ORGANISED BY:** ASCE MITS Student Chapter, Department of Civil Engineering & Builder's Club.

## **DIGNITARIES PRESENT:**

Dr. Nakkeeran G, Assistant Professor, Department of Civil Engineering, Madanapalle Institute of Technology & Science.

Dr. Priyam Nath Bhowmik, Assistant Professor, Department of Civil Engineering, Madanapalle Institute of Technology & Science.

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

## **RESOURCE PERSON:**

Vinoth E is a distinguished professional in aerospace engineering and immersive technology, with a strong commitment to innovation and a unique passion for wildlife conservation. As a globally ranked Unreal Authorized Instructor (396th), Vinoth has established himself as a leading expert in Unreal Engine, renowned for his ability to blend technical prowess with creative solutions. Vinoth E is not just an expert in aerospace and immersive technology; he is a visionary innovator. His multidisciplinary approach and commitment to pushing the boundaries of technology have resulted in significant contributions across various fields, including aerospace engineering, AI, VR, and environmental conservation. Vinoth's work continues to shape the future of these industries, driving progress and inspiring the next generation of professionals.

## **OBJECTIVE OF THE COURSE:**

The objective of the course is about the [Transforming Civil, Interior and Architectural Design with Unreal Engine, AR & VR](#). The session was about the topic of Unreal Engine, AR (Augmented Reality), VR (Virtual Reality). Unreal Engine helps you realise your creative vision without starting from scratch. AR uses smartphones to overlay virtual 3D images over the physical world, making it more accessible than VR. Unreal Engine is a powerful game engine designed for creating high-performance, visually impressive VR and AR experiences. VR requires headsets and computer hardware to create a fully virtual experience, making it less accessible than AR. AR creates only a partial digital world. They

are allowing creators to build immersive experiences where users can interact with digital content overlaid on the real world (AR) or completely immersed in a simulated environment (VR), utilizing the engine's powerful graphics capabilities to create highly realistic visuals.

**POs Targeted: 5, 12**

**PSOs Targeted: 3**

**SDG: 4 Quality Education**

**PROGRAM DETAILS:**

The Department of Civil Engineering, MITS in collaboration with ASCE student chapter and Builder's Club have organized a professional talk on the Transforming Civil, Interior and Architectural Design with Unreal Engine, AR & VR on 10 February 2025 from 2.00PM to 4.00 PM. The online event was started with the welcome speech by Dr Nakkeeran G followed by Dr Dipankar Roy and followed by the session of resource person. There was good response with nearly 70 students participated from Department of Civil Engineering, MITS, Madanapalle. This Professional talk focused on the Transforming Civil, Interior and Architectural Design with Unreal Engine, AR & VR. The ASCE Student Chapter President play pivotal roles in leading and managing the chapter's activities, each bringing unique strengths to inspire others. During the professional talk. The lecture session was supported by the respected management of MITS, Madanapalle, ASCE MITS Student Chapter. The session maintained the expected quality from the resource persons, and were open to discuss and reply to the queries of the participants. At 4.00PM, the session was concluded and followed by vote of thanks given by Dr. Nakkeeran G Assistant Professor, Department of Civil Engineering.

We thank ASCE MITS Student chapter and Builder's club for their continuous support to make this event a success.

## PHOTOS:





## OUTCOME OF THE EVENT:

The outcome of the event is to explore on the topic of Transforming Civil, Interior and Architectural Design with Unreal Engine, AR & VR. The event aims to enhance the skills through the Transforming Civil, Interior and Architectural Design with Unreal Engine, AR & VR. The student presented for professional talk are more interactive with the resource person. We hope that all the participants were aware about the Unreal Engine, AR & VR and its applications.

## ATTENDANCE:

Venue : Seminar hall -13

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE			
S.no	Roll No.	Name	Signature
1	23691A0101	ASHRAF ALI SYED	<i>A. Ali Syed</i>
2	23691A0102	CHEEMA LAPENTA AZMATH	<i>C. Lapenta Azmath</i>
3	23691A0104	GUNDLURI BHARGAVA	<i>G. Bhargava</i>
4	23691A0105	GENGIREDDY GARI CHANDANA	<i>G. Chandana</i>
5	23691A0107	MOPUR DHEERAJ KUMAR	<i>M. Dheeraj Kumar</i>
6	23691A0109	SHAIK FARHA TAJ	<i>S. Farha Taj</i>
7	23691A0110	PALAGIRI FAROOQ	<i>P. Farooq</i>
8	23691A0111	SHAIK FAYAZ	<i>S. Fayaz</i>
9	23691A0112	UPPARA GANEEL KUMAR	<i>U. Ganeel Kumar</i>
10	23691A0113	TUMMALA GNANESWARA	<i>T. Ganeswara</i>
11	23691A0114	HARSHAVARDHAN REDDY PUSA	<i>H. Harshavardhan Reddy</i>
12	23691A0116	THOTA HEMAVADANA	<i>T. Hemavadana</i>
13	23691A0117	S JAFAR SADIK	<i>S. Jafar Sadik</i>
14	23691A0118	ALAKUNTA KAILASH	<i>A. Kailash</i>
15	23691A0119	KANDALA KIRAN KUMAR	
16	23691A0120	KAVYA JALIPIGARI	<i>J. Kavya</i>
17	23691A0121	RAJAKA MANO NARASIMHA	<i>R. Mano</i>
18	23691A0122	ESUKAPALLI MEGHANA	
19	23691A0125	NYNI TELIKI	<i>N. Nyni</i>
20	23691A0126	PAUL DANIEL PREM	
21	23691A0127	CHINTHAMANU PRASANNA KUMAR	<i>C. P. Prasanna</i>
22	23691A0128	PALYAM PRASANTH	
23	23691A0129	S.PRAVEEN KUMAR REDDY	<i>S. Praveen</i>
24	23691A0130	N RADIYA	<i>N. Radiya</i>
25	23691A0131	SUNDUPALLI RAJASEKHAR	<i>S. Rajasekhar</i>
26	23691A0132	GADDAM VISHNU VARDHAN REDDY	<i>G. Vishnu</i>
27	23691A0133	BEENENI RAVITEJA	<i>B. Raviteja</i>
28	23691A0134	THIPPAGUNTHALA REKHA DIVYA	<i>T. Rekha Divya</i>
29	23691A0135	SHAIK SAHIRA	<i>S. Sahira</i>
30	23691A0136	SIBYALA SAI HARITEJA	
31	23691A0137	SHAIK MAHAMMED SAIF	<i>S. Saif</i>
32	23691A0139	SHAIK SYED SHAVALLI	<i>S. Syedshavalli</i>
33	23691A0140	SANDRA SIMHADRI	<i>S. Simhadri</i>
34	23691A0141	SIVAKUMAR NALLAGUTLA	
35	23691A0142	VADDIREDDY SREEHARI REDDY	<i>V. Sreehari</i>
36	23691A0143	RODDAM SUDARSEN	<i>R. Sudarshan</i>
37	23691A0144	NARUBOINA SUMANTH	<i>N. Sumanth</i>
38	23691A0145	KARAMALA TEJA	<i>K. Teja</i>
39	23691A0146	P THARUN	<i>P. Tharun</i>
40	23691A0147	YALLAPALLI THARUN SAI	
41	23691A0148	PATAN MOHAMMED THOUFIQ	<i>P. Md. Thoufiq</i>
42	23691A0149	MACHAGANI VARUN KUMAR	<i>M. Varun Kumar</i>

43	23691A0150	G VIDYASAGAR	<i>G. Vidyasagar</i>
44	24695A0101	SAYYED AFRIN	<i>S. Afrin</i>
45	24695A0102	ULINDALA AMRUTHAVALLI	<i>U. Amruthavalli</i>
46	24695A0103	KAYALA ANUSHA	<i>K. Anusha</i>
47	24695A0104	YEMMANI CHINNA NAGANNA	<i>Y. Chinna Naganna</i>
48	24695A0105	CHAKALA HARSHA	<i>C. Harsha</i>
49	24695A0106	SIDDE JHANSI	<i>S. Jhansi</i>
50	24695A0107	DUDEKULA LAL BASHA	<i>D. Lal basha</i>
51	24695A0108	GAJULAPALLI LOKESH	<i>G. Lokesha</i>
52	24695A0109	GUDDITI MAHESH BABU	<i>G. Mahesh Babu</i>
53	24695A0110	KORLAKUNTA MANASWITHA	<i>K. Manaswitha</i>
54	24695A0111	PULLALAREVU MENAKA	<i>P. Menaka</i>
55	24695A0112	PONNAPATI MURALI	<i>P. Murali</i>
56	24695A0113	RACHANNA GOUD GARI NATARAJ	<i>R. Nataraj</i>
57	24695A0114	DADAM NAVITHA	
58	24695A0115	ELIKE PAVAN SAI	<i>E. Pavan Sai</i>
59	24695A0116	KONDARAJUGARI PRASANTH	<i>K. Prasanth</i>
60	24695A0117	ERLA RAJ KUMAR	<i>E. Raj Kumar</i>
61	24695A0118	REDDYVARI SUDARSHAN YADAV	<i>R. Sudarshan yadav</i>
62	24695A0119	KOYYALA SUSMITHA	<i>K. Susmitha</i>
63	24695A0120	AGOLU HARI KRISHNA	<i>A. Hari Krishna</i>
64	24695A0121	PAPPAKA VISWANATH	<i>P. Viswanath</i>
65	24695A0122	BOLE KEDARNATH	

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE			Civil Engineering
III Year I Semester		B.Tech	Signature
S.no	Roll No.	Name	
1	21691A0108	DERANGULA CHARAN TEJA	Charan Teja -
2	22691A0101	GATTU AJAY	K. Ajay Kumar -
3	22691A0102	KYATHAPPA GARI AJAY KUMAR	M. Akhulappa -
4	22691A0103	MUTTANNA AKKULAPPA	S. Mofozad -
5	22691A0104	SHAIK MOHAMAD FAZAL	S. Aswini -
6	22691A0105	YANAMALA ASWINI	S. Azaruddin -
7	22691A0106	SHAIK AZARUDDIN	
8	22691A0107	SARASAPALLI BASHEER AHAMMAD	G. Ithani -
9	22691A0108	GOPIDINNI DIHARANI	D. Dilli Prasad -
10	22691A0109	D DILLI PRASAD	R. Ghana Prasanna -
11	22691A0110	BOLLU GNANA PRASANNA	A. Gowthami -
12	22691A0111	ASHADI GOWTHAMI	B. Haritha -
13	22691A0112	BHEEMANNAGARI HARITHA	S. Jeevana -
14	22691A0114	SODUM JEEVANA	C. Juber -
15	22691A0115	CHAPPALLI JUBER	
16	22691A0116	GUTTAPALEM KARTHIK	
17	22691A0117	KOMMI LAHARI	K. Lahari -
18	22691A0118	MARREPPAGARI LIKHITHA	M. Likhitha -
19	22691A0119	MEENUGULA MAHENDRA	M. Sife -
20	22691A0120	SYED MOHAMMED ADIL	
21	22691A0121	BATHULA NAGENDRA	C. Navayasree -
22	22691A0122	CHINTHIRLA NAVYA SREE	S. Nyamathulla -
23	22691A0123	SAYYED NYAMATHULLA	
24	22691A0124	MAHADEVAPALLI OUBLREDDY	P. Pavithra -
25	22691A0125	PERUGU PAVITHRA	
26	22691A0126	VEMULA PRANAY	K. Raja Reddy -
27	22691A0127	KONKALA RAJA REDDY	P. Raghunath Reddy -
28	22691A0128	BHUCHIPALLI RANJITH KUMAR	G. Suha -
29	22691A0130	GUNDI SUHAS	
30	22691A0131	MANKAMUTHAKA THARUN GANESH	P. Theerthavaseen -
31	22691A0133	PULAGANTI THEERTHAVASINI	N. Varshini -
32	22691A0134	N VARSHINI	
33	22691A0136	VALASA VENKATESWARLU	
34	22691A0137	MANJULOLA VINOD KUMAR	M. Vinod -
35	22691A0139	KANAGANI YOGANANDHA	K. Vinod -
36	23695A0101	CHIGURUPATI AKHILA	C. Akhila -

1	21691A0108	DERANGULA CHARAN TEJA	
37	23695A0102	GONDIPALLI AMRUTHA	N. Bhavani -
38	23695A0104	NIDIGINTI BHANU PRAKASH	K. Bhargavi -
39	23695A0105	KEMPAKKAGARI BHARGAVI	
40	23695A0106	GONDI BHARATHI	
41	23695A0107	BANDHANATHAM CHANDRA SEKHAR	R. Senthil -
42	23695A0108	SUGALI DEEPIKA	
43	23695A0109	GANGADHAR MEKALA	
44	23695A0110	CHINTHALA GOVARDHAN REDDY	P. Theerthavaseen -
45	23695A0111	PUJARI HARSHA VARDHAN	
46	23695A0112	MALEM KUMAR REDDY	
47	23695A0114	KUMMARA MOHAN KUMAR	
48	23695A0115	PULA NITHIN	S. Pavan Kumar -
49	23695A0116	SURYAKARI PAVAN KUMAR	T. Pranath -
50	23695A0117	THIRUVEEDHULA PRANATHI	P. R. Punith Kumar -
51	23695A0118	PASUPULETI R PUNITH KUMAR	
52	23695A0119	ALAKUNTLA REDDY MOUNIKA	A. Reddy Mounika -
53	23695A0120	AWARI ROOPA	
54	23695A0121	BAREE SAIRAM REDDY	
55	23695A0122	THUMMALA RIZWANA AZMI	
56	23695A0123	NAKKA SEETHA RAMANJANEYULU	N. S. Rama Janeyulu -
57	23695A0124	KUDUMALA SIVA KUMAR REDDY	B. Siva -
58	23695A0125	NAGIRI SREEKANTH NAIK	
59	23695A0126	KALLIPATI UDAYASREE	K. Venkata Surekha -
60	23695A0127	KANCHARLA VENKATA SUREKHA	
61	23695A0128	BUKYA VINOD KUMAR NAIK	Vinod 10/2/05 -
62	23695A0129	DODDAVULA YASWANTH REDDY	
63	23695A0130	DODDAVULA YASWANTH REDDY	

## FEEDBACK ANALYSIS:



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

(UGC Autonomous Institution)  
Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi  
NAAC Accredited with A+ Grade, NIRF India Rankings 2021 - Band: 201-250 (Engg.)  
NBA Accredited - B. Tech. (CIVIL, CSE, ECE, EEE, MECH), MBA & MCA



### Feedback Analysis

10-02-2025

“Transforming Civil , Interior& Architectural Design With Unreal Engine , AR & VR”

