



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**

2PM-4PM
10 February 2025
Seminar Hall B

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 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 & 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 - II

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE			
S.no	Roll No.	Name	Signature
1	23691A0101	ASHRAF ALI SYED	
2	23691A0102	CHEEMA LAPENTA AZMATH	
3	23691A0104	GUNDLURI BHARGAVA	
4	23691A0105	GENGIREDDY GARI CHANDANA	
5	23691A0107	MOPUR DHEERAJ KUMAR	
6	23691A0109	SHAIK FARHA TAJ	
7	23691A0110	PALAGIRI FAROOQ	
8	23691A0111	SHAIK FAYAZ	
9	23691A0112	UPPARA GANEEL KUMAR	
10	23691A0113	TUMMALA GNANESWARA	
11	23691A0114	HARSHAVARDHAN REDDY PUSA	
12	23691A0116	THOTA HEMAVADANA	
13	23691A0117	S JAFAR SADIK	
14	23691A0118	ALAKUNTA KAILASH	
15	23691A0119	KANDALA KIRAN KUMAR	
16	23691A0120	KAVYA JALIPIGARI	
17	23691A0121	RAJAKA MANO NARASIMHA	
18	23691A0122	ESUKAPALLI MEGHANA	
19	23691A0125	NYNI TELIKI	
20	23691A0126	PAUL DANIEL PREM	
21	23691A0127	CHINTHAMANU PRASANNA KUMAR	
22	23691A0128	PALYAM PRASANTH	
23	23691A0129	S.PRAVEEN KUMAR REDDY	
24	23691A0130	N RADIYA	
25	23691A0131	SUNDUPALLI RAJASEKHAR	
26	23691A0132	GADDAM VISHNU VARDHAN REDDY	
27	23691A0133	BEENENI RAVITEJA	
28	23691A0134	THIPPAGUNTHALA REKHA DIVYA	
29	23691A0135	SHAIK SAHIRA	
30	23691A0136	SIBYALA SAI HARITEJA	
31	23691A0137	SHAIK MAHAMMED SAIF	
32	23691A0139	SHAIK SYED SHAVALLI	
33	23691A0140	SANDRA SIMHADRI	
34	23691A0141	SIVAKUMAR NALLAGUTLA	
35	23691A0142	VADDIREDDY SREEHARI REDDY	
36	23691A0143	RODDAM SUDARSAN	
37	23691A0144	NARUBOINA SUMANTH	
38	23691A0145	KARAMALA TEJA	
39	23691A0146	P THARUN	
40	23691A0147	YALLAPALLI THARUN SAI	
41	23691A0148	PATAN MOHAMMED THOUFIQ	
42	23691A0149	MACHAGANI VARUN KUMAR	

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

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

37	23695A0102	GONDIPALLI AMRUTHA	N. R. Ramesh Babu
38	23695A0104	NIDIGINTI BHANU PRAKASH	K. Bhargavi
39	23695A0105	KEMPAKKAGARI BHARGAVI	
40	23695A0106	GONDI BHARATHI	
41	23695A0107	BANDHANATHAM CHANDRA SEKHAR	
42	23695A0108	SUGALI DEEPIKA	
43	23695A0109	GANGADHAR MEKALA	
44	23695A0110	CHINTHALA GOVARDHAN REDDY	P. Theerthavasi
45	23695A0111	PUJARI HARSHA VARDHAN	
46	23695A0112	MALEM KUMAR REDDY	
47	23695A0114	KUMMARA MOHAN KUMAR	
48	23695A0115	PULA NITHIN	
49	23695A0116	SURYAKARI PAVAN KUMAR	B. Pavan Kumar
50	23695A0117	THIRUVEEDHULA PRANATHI	T. Pranathi
51	23695A0118	PASUPULETI R PUNITH KUMAR	P. 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. Ramanjaneyulu
57	23695A0124	KUDUMALA SIVA KUMAR REDDY	K. Siva
58	23695A0125	NAGIRI SREEKANTH NAIK	
59	23695A0126	KALLIPATI UDAYASREE	
60	23695A0127	KANCHARLA VENKATA SUREKHA	K. Venkata Surekha
61	23695A0128	BUKYA VINOD KUMAR NAIK	10/2/25
62	23695A0129	DODDAVULA YASWANTH REDDY	
63	23695A0129	DODDAVULA YASWANTH REDDY	

FEEDBACK ANALYSIS:



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE DEPARTMENT OF CIVIL ENGINEERING

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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

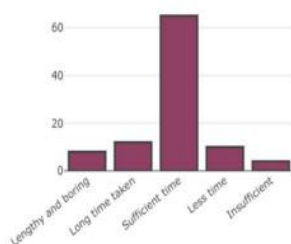


Feedback Analysis

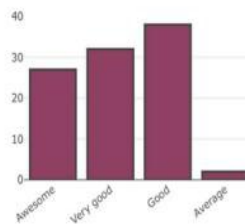
10-02-2025

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

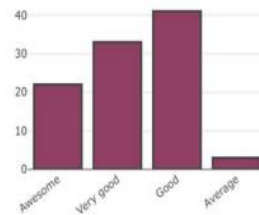
Timely execution and delivery of event



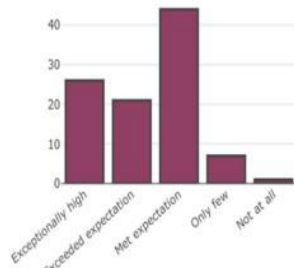
Quality of lecture delivery



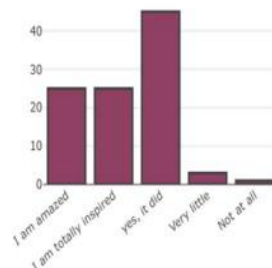
Quality of presentation and Contents



Did the event meet your expectation



Does it inspire you to explore further opportunities



Do you want similar events in future

