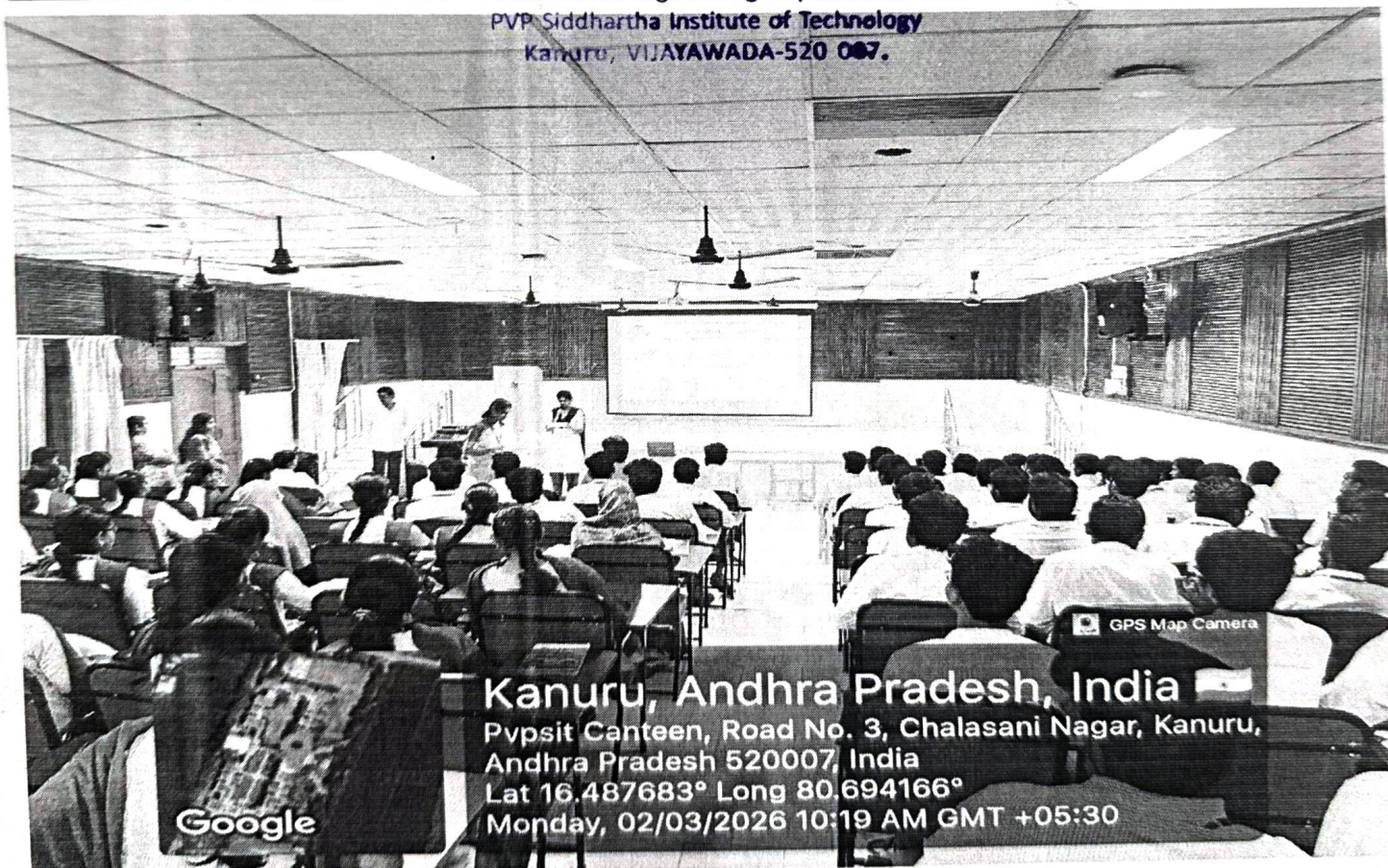


PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY
DEPARTMENT OF FRESHMAN ENGINEERING
SUMMARY REPORT ON GUEST LECTURE ORGANISED

ACADEMIC YEAR : 2025-2026	
Date of Event Organized	02-03-2026
Name of the Event	GUEST LECTURE
Title of the Event	AI In The Development Of New And Novel Materials: Revolutionising Material Science With Artificial Intelligence
Resource Person Details	Dr.M.Satyanarayana, Asst.Prof (Sr. Grade II) School Of Advanced Sciences, VIT-AP, University,
Brief Report on the Event	The lecture aimed to provide insights into the growing role of Artificial Intelligence (AI) in accelerating research and innovation in materials science. During the session, Dr. Satyanarayana explained how AI and machine learning techniques are transforming the traditional methods of material discovery. He highlighted that earlier, the development of new materials required extensive experimentation and considerable time. With the integration of AI, researchers can now analyze large datasets, predict material properties, and identify suitable compounds more efficiently. The speaker also discussed various applications of AI in areas such as energy storage, nanotechnology, smart materials, and advanced manufacturing. Through examples and case studies, he demonstrated how AI tools help scientists design materials with improved efficiency, stability, and performance. The lecture emphasized the importance of interdisciplinary research, combining materials science with data science and computational techniques. The session concluded with an interactive discussion, where students actively engaged with the speaker and clarified

	their queries. Overall, the lecture provided valuable knowledge about the future potential of AI in materials research.
Year/Semester	I YEAR /II SEM
No. of the participants	Around 120 students are participated
Consolidated Feedback	Good
Suggestions if any	---
Name of the Co-ordinator & Signature of the Co-ordinator	Dr.N.Usharani Dr.Pavani Peddi Mrs.Y.Pavani Mr.P.Ramakoteswara rao
Signature of the HOD	 Head

Freshman Engineering Department
PVP Siddhartha Institute of Technology
Kanuru, VIJAYAWADA-520 007.



Kanuru, Andhra Pradesh, India

Pvpsit Canteen, Road No. 3, Chalasani Nagar, Kanuru,
Andhra Pradesh 520007, India

Lat 16.487683° Long 80.694166°

Monday, 02/03/2026 10:19 AM GMT +05:30

Google

PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU,
VIJAYAWADA

DEPARTMENT OF FRESHMAN ENGINEERING

CIRCULAR

Date:26.02.2026

All the Faculty and students are informed that Chemistry department is Conducting a Guest Lecture on “AI in the Development of New and Novel Materials: Revolutionizing Material Science with Artificial Intelligence on 02nd March 2026. Dr. M.Satyanarayana, Asst.Prof (Sr. Grade II) School of Advanced Sciences, VIT-AP, University, Amaravathi. will act as the resource person.

Forenoon Session: 10.00AM – 12.00 Noon

Branches: CSM,CSD, IT-I & IT-II

Venue: Ground Floor Seminar Hall

bul
26/2/26
(Dr. M. Sri Lakshmi)
Head

Freshman Engineering Department
PVP Siddhartha Institute of Technology
Kanuru, VIJAYAWADA-520 007.

PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY

FRESHMAN ENGINEERING DEPARTMENT

PROCESS RECORD OF ACADEMICS

CHEMISTRY GUEST LECTURE - AI in the Development of new and Novel Materials: Revolutionizing material science with Artificial Intelligence

Date: 2.3.2026

S.No	Registered Number	Name of the Student	Branch	Signature
1	25501A4209	B. Kavya Sri	CSD	Kavya
2	25501A4461	Shaik. Muskan.	CSD	Shaik. Muskan.
3	25501A4407	Bonu. Prathima.	CSD	Prathima
4	25501A4460	S. Mounika	CSD	S. Mounika
5	25501A4436	M.A. Farheen	CSD	M.A. Farheen
6	25501A4466	Y. Chandrika	CSD	Y. Chandrika
7	25501A4409	B. Kavya	CSD	Kavya
8	25501A4464	U. Spandana	CSD	U. Spandana
9	25501A4445	P. Lavanya	CSD	P. Lavanya
10	25501A4451	P. Srija	CSD	Srija
11	25501A4426	K. Varshitha	CSD	K. Varshitha
12	25501A4424	Preetisha	CSD	Preetisha
13	25501A4416	P. Pujitha	CSD	Pujitha
14	25501A4454	P. Meghana	CSD	P. Meghana
15	25501A4453	P. Naga Meghana	CSD	Meghana
16	25501A4438	M. Venkatesh	CSD	Venku
17	25501A4432	M. Balakrishna	CSD	M. Balakrishna
18	25501A4439	AKSHITHA-M	CSD	AKSHITHA
19	25501A4457	R. Bhavana	CSD	R. Bhavana
20	25501A4463	S. Rishika	CSD	S. Rishika
21	25501A4430	K. Vyshnavi	CSD	K. Vyshnavi
22	25501A4408	B. Tharani	CSD	B. Tharani
23	25501A1271	M. SARADA	IT-2	Sarada
24	25501A1293	P. Meghana	IT-2	Meghana
25	25501A1260	V. Bhuvana	IT-2	V. Bhuvana
26	25501A0323	K. Ram Rathan Reddy	Mech	K. RRR
27	25501A0347	R. Bharath Kumar	Mech	R. Bharath Kumar
28	25501A0341	P. Saicharan	Mech	P. Saicharan
29	25501A0323	G. Chaitanya Reddy	Mech	G. Chaitanya Reddy
30	25501A0321	K. Lokeshwar Rao	Mech	K. Lokeshwar Rao
31	25501A0353	S. Uday Kumar	Mech	S. Uday Kumar
32	25501A0309	J. Manoj Kumar	Mech	J. Manoj Kumar
33	25501A4421	J. Parsha Vardhan	CSD	J. Parsha Vardhan
34	25501A4422	K. Sai Kumar	CSD	K. Sai Kumar
35	25501A0318	J. Pavan Sai	Mech	J. Pavan Sai

S.No	Registered Number	Name of the Student	Branch	Signature
36	25501A0332	M.V. Giridhar	MEC	M.V. Giridhar
37	25501A0317	J. Anil Babu	MEC	J. Anil Babu
38	25501A0319	J. Madhusudhan Reddy	Mech	J. Madhusudhan Reddy
39	25501A0336	N. Dinesh	Mech	N. Dinesh
40	25501A0361	Y. Geetha Sai	Mech	Y. Geetha Sai
41	25501A0349	G. Sumanth	Mech	G. Sumanth
42	25501A0326	K. L. Siva Prasad	Mech	K. L. Siva Prasad
43	25501A0333	M. Naga Chitan	Mech	M. Naga Chitan
44	25501A0339	V. Yuva Sai Veeramani Karla	MECH	V. Yuva Sai Veeramani Karla
45	25501A0344	P. Phanindranadh	Mech	P. Phanindranadh
46	25501A0330	L. Mohan Sainadh	CSD	L. Mohan Sainadh
47	25501A4455	R. Tejeshwara Rao	CSD	R. Tejeshwara Rao
48	25501A4437	MD. Rehan	CSD	MD. Rehan
49	25501A4440	N. Pranav Ganesh	CSD	N. Pranav Ganesh
50	25501A0315	G. Syam Sai Sountosh	MECH	G. Syam Sai Sountosh
51	24501A4404	A. Harsha Vardhan	CSD	A. Harsha Vardhan
52	25501A1204	Syam. D	IT-2	Syam. D
53	25501A1270	M. Suresh Kumar	IT-2	M. Suresh Kumar
54	25501A12A9	SK. Areef	IT-2	SK. Areef
55	25501A1274	M. Khaja Sabeerulom	IT-2	M. Khaja Sabeerulom
56	25501A1270	M. Suresh Kumar	IT-2	M. Suresh Kumar
57	25501A1291	Venkat Rao	IT-2	Venkat Rao
58	25501A1289	P. Mani Deepak	IT-2	P. Mani Deepak
59	25501A1283	Shiva Ganesh	IT-2	Shiva Ganesh
60	25501A4417	Fayaz Baig	CSD	Fayaz Baig
61	25501A4449	Pavan Kumar	CSD	Pavan Kumar
62	25501A4405	Rohith Charan	CSD	Rohith Charan
63	25501A4420	J. Hemant Kumar	CSD	J. Hemant Kumar
64	25501A1280	SD. Arshad	IT-2	SD. Arshad
65	25501A1217	Y. Naga Venkata Sai	IT-2	Y. Naga Venkata Sai
66	25501A1275	MD. Anas	IT-2	MD. Anas
67	25501A1265	K. Rithwik	IT-2	K. Rithwik
68	25501A1288	Chenna Keshava Reddy	IT-2	Chenna Keshava Reddy
69	25501A1264	V. Viswanath	IT-2	V. Viswanath
70	25501A1290	P. Ramakrishna	IT-2	P. Ramakrishna
71	25501A1269	M. Prasanth	IT-2	M. Prasanth
72	25501A1287	T. Harshith	IT-2	T. Harshith
73	25501A1281	N. Yuva Raju	IT-2	N. Yuva Raju
74	25501A1286	T. Snehith	IT-2	T. Snehith
75	25501A1286	N.V. Ramcharan	IT-2	N.V. Ramcharan
76	25501A1286	N.V. Ramcharan	IT-2	N.V. Ramcharan
77	25501A4410	B. Gurucharan	CSD	B. Gurucharan
78	25501A4411	CH. Murali Kirthik	CSD	CH. Murali Kirthik
79	25501A4447	P. Praveen	CSD	P. Praveen
80	25501A4404	A. Harshith	CSD	A. Harshith
81	25501A4401	Abdul Baseed	CSD	Abdul Baseed

S.No	Registered Number	Name of the Student	Branch	Signature
82	25501A4442	N. Jeshu Manikanta	CSD	N. Jeshu
83	25501A4431	M. Sai Goutham Reddy	CSD	M. Goutham
84	25501A4433	Ch. Manikanta	CSD	Ch. Manikanta
85	25501A4446	P. Karthik	CSD	P. Karthik
86	25501A4412	D.V.N.S. Srisanth	CSD	Srisanth
87	25501A4434	M. Pruthvi Sai	CSD	M. Pruthvi
88	25501A4414	D. Hari Krishna	CSD	D. Hari
89	25501A0304	A. Prem Kumar	MECH	A. Prem
90	25501A0351	S. Yaswanth	MEC	S. Yaswanth
91	25501A0360	V. Ram Charan	MEC	V. Ram Charan
92	24501A0313	B. Deswanth Kumar	MEC	B. Deswanth Kumar
93	24501A0360	V. Uday Kiran	MECH	V. Uday Kiran
94	24501A0342	P. Nitish Kumar	MEC	P. Nitish Kumar
95	25501A4442	G. V. N. S. Nikhil	CSD	G. V. N. S. Nikhil
96	25501A0352	V. Ramacharan	MEC	V. Ramacharan
97	25501A0310	B. Hemant Choudhary	MEC	B. Hemant
98	25501A4250	R. Kalyan Reddy	CSM	R. Kalyan
99	25501A0325	K. Jaswanth Sai	Mec	K. Jaswanth
100	25501A0331	M. Jayanth	MEC	M. Jayanth
101	25501A0337	N. Manoj	MEC	N. Manoj
102	25501A0328	N. Sampath	MEC	N. Sampath
103	25501A0855	T. Navaku	MEC	T. Navaku
104	25501A0340	P. Jagadeesh	MEC	Jagadeesh
105	25501A0343	PADITYA RAJ	MECH	P. Aditya Raj
106	25501A0302	A. V. Kishor	MECH	A. V. Kishor
107	25501A0316	G. Venkata Siva Sai	MECH	G. Venkata Siva Sai
108	25501A0345	T. Vignesh	MECH	T. Vignesh
109	25501A4452	P. Poojitha	CSD	P. Poojitha
110	25501A4441	Spreethi	CSD	Spreethi
111	25501A1288	P. Khyathi	IT-2	Khyathi
112	25501A1287	Neeharika	IT-2	Neeha
113	25501A1278	Pallavi Suma	IT2	Pallavi
114	25501A12C6	V. Sereena	IT2	Sereena
115	25501A12C8	V. Likhitha	IT-2	Likhitha
116	25501A12A1	R. Sasi Rekha	IT-2	Sasi Rekha
117	25501A12A0	R. Sravani	IT-2	Sravani
118	25501A12066	L. Sameera	IT-2	Sameera
119	25501A12B2	T. Parani	IT-2	T. Parani
120	25501A12C3	V. Haripriya	IT-2	Haripriya
121	25501A12A6	S.D. Thasneem	IT-2	S.D. Thasneem
122	25501A12B5	T. YASHASWINI	IT-2	T. Yashaswini
123	25501A1299	R. Akshitha	IT-2	R. Akshitha
124	25501A1296	P. Sahithya Shreya	IT-2	P. Sahithya Shreya
125	25501A12B9	T. Renuka Rani	IT-2	T. Renuka Rani
126	25501A12A7	S. Vidya Manasa	IT-2	S. Vidya Manasa
127	25501A1268	M. Swathi	IT-2	M. Swathi