About - Gayatri Vidya Parishad

Gayatri Vidya Parishad is an educational society that was founded in 1988 by a group of Academicians, Educationists, and Professionals from Visakhapatnam, Andhra Pradesh. The society offers a wide range of educational programs in the fields of Arts and Humanities, Science, Engineering, Commerce & Management Studies and Medicine. Its primary goal is to cater to the higher education requirements of the area, namely by providing education that emphasizes moral principles. The Society operates three engineering institutions, one college for Undergraduate and Post-Graduate programs, and a Medical college. The present number of students in the network of institutions is approximately 15,000, with a faculty size of over 800, of which approximately 210 possess a PhD degree.

About the Institution

In tune with the Government's idea of empowering women in the technological and engineering fields, the Society, Gayatri Vidya Parishad contemplated an Engineering College exclusively for Women named as Gayatri Vidya Parishad College of Engineering for Women in the year 2008.

The College has been Approved by AICTE, New Delhi and affiliated to Jawaharlal Nehru Technological University-Kakinada (JNTUK) up to the academic year 2021-2022 and is now affiliated to Andhra University from the academic year 2022-2023. The College has started its academic innings with an initial intake of 300 with four branches of Engineering.

Currently, it has grown with a total intake of [illegible] with Five UG Courses (i.e., Computer Science & Engineering, Electronics & Communication Engineering, Information Technology, Electrical & Electronics Engineering and CSE (Artificial Intelligence and Machine Learning) and two PG courses (viz., ECE-VLSI Design & Embedded Systems and CSE-Data Science).

The 3 UG courses – CSE, ECE, IT have been accredited by NBA from 2019 to 2022 and reaccredited from 2022 to 2025 and another UG course EEE accredited by NBA for 3 years, from 2023 to 2026.

The college has been accredited by NAAC with "A" grade (3.13/4) for a period of five years valid up to 10th October, 2027. The college is Permanently Affiliated to Andhra University from 2023-24 for a period of 5 years. The college has been conferred Autonomous status by UGC for 10 years from 2024-25 to 2034-35.

Institute Vision

To emerge as an acclaimed centre of learning that provides value based technical education for the holistic development of students.

Institute Mission

Undertake activities that provide value based knowledge in Science, Engineering & Technology

Provide opportunities for learning through Industry – Institute interaction on the state-of-the-art technologies

Create collaborative environment for research, innovation and entrepreneurship.

Promote activities that bring in a sense of social responsibility

Institutions under the flag of Gayatri Vidya Parishad [GVP]

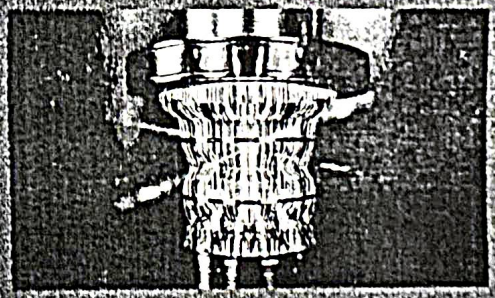
- G V P College of Engineering (A)
- G V P College of Engineering for Women (A)
- G V P College for Degree and PG Courses (A)
- G V P Institute of Health Care and Medical Techn[illegible]

Gayatri Vidya Parishad College of Engineering for Women Autonomous

Lecture Series – 1 on Quantum Computing

3 - 5 July, 2024

02.30 PM - 03.30 PM



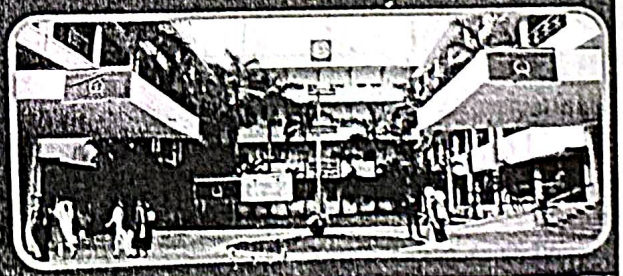
Organised by

IEEE Student Branch

CSI Student Chapter

IETE Students' Forum

Gayatri Vidya Parishad College of Engineering for Women (Autonomous)



Introduction

Artificial intelligence and machine learning are currently key factors in the progress of modern society in the world. Now it is quite difficult to find an area of our life where achievements in the field of artificial intelligence would not be used. However, this success is largely ensured by the development of classical information technologies in terms of hardware, which possess natural limitations. The creation of quantum computers and quantum networks can bypass these limitations in different fields.

The main objective of this lecture series is to provide participants with a comprehensive understanding of the principles, application, and implications of quantum computing. Through a combination of theoretical insights and programming, attendees will acquire a good foundation in quantum computing.

Speakers

Mr. Gopi Kumar Bulusu
Chief Executive Officer
Sankhya Technologies

Mr. Gopi K Bulusu holds the position of founder CEO and Chief Technologist at Sankhya Technologies. Mr. Gopi successfully led an R&D team at Sankhya for over 19 years, focusing on the development of technology platforms for modeling, abstraction, and synthesis (MAS). He is highly interested in languages and platforms for complex systems development, such as Smart Cities, Intelligent Transportation, Smart Grids, Machine Learning, Distributed Deeply Embedded Systems (DDES), and Super Computing.

Mr. Gopi also holds a prominent position as a founder member at Gravity 2.0 Research Foundation and serves as the chair at the esteemed Super Computing Consortium of India. Mr. Gopi possesses a strong background in computer science and electronics engineering.

Prof. Dr. A Subrahmanyam
Retd. Professor
IIT Madras

Dr. A. Subrahmanyam, a highly experienced professor from the Department of Physics at IIT Madras, had a remarkable career in teaching and research, spanning over 38 years. He is primarily focused on researching functional metal oxide thin films, surface engineering, and biomedical engineering. His contributions to the field have been remarkable, such as his work on lung assist devices using photocatalysis and his development of lab-scale technology for hard coatings on tube walls. He has received numerous prestigious awards in recognition of his achievements, such as the Young Scientists Fellowship, Humboldt Fellowship, Saint Gobain Chair, DAAD Professorship, and the SVC Mentorship Award, among others. He holds the esteemed position of Distinguished Professor at Gayatri Vidya Parishad.

Prof. Dr. P S Avadhani
Retd. Professor, AU
Visiting Professor, IIPE

Dr. P. S. Avadhani successfully obtained his Masters and PhD degree in Computer Science and Engineering from IIT Kanpur. He has dedicated over 35 years of his career to serving Andhra University in various roles with the Department of Computer Science and Systems Engineering. He later pursued opportunities as Director at IIIT Agartala and as a Visiting Professor at Indian Institute of Petroleum & Energy, Visakhapatnam. He has provided guidance to around 20 Ph. D Scholars and has an impressive portfolio of around 200 publications. He is a highly knowledgeable individual who serves as an expert member on various committees appointed by Government agencies. He has expertise in a wide range of research areas, such as Cryptography, Data Security, Algorithms, Computer Graphics, Digital Forensics, and Cyber Security, among others.

Organizing Committee

Chief Patron
Prof. Dr. Ing. P. Srinivasa Rao

Patrons
Sri. D. Dakshina Murthy, Vice President, GVP
Prof. Dr. K. P. R. Sastry, Vice President, GVP
Prof. Dr. P. Somaraju, Secretary, GVP
Sri. V. R. K. S. Siva Prasad, Treasurer, GVP
Prof. P.V. Sarma, Member, GVP
Dr. P. Rajaganapathi, Member, GVP
Sri. D. V. S. Kameswara Rao, Member, GVP

Co-Patrons
Prof. Dr. Raj Kumar Goswami, Principal, GVPCEW (A)
Prof. Dr. G. Sudheer, Vice Principal, GVPCEW (A)

Advisory Board
Prof. Dr. N B Venkateswarulu, CSE, GVPCEW(A)
Prof. Dr. M R K Rao, CSE[AIML], GVPCEW(A)
Prof. Dr. P V S L Jagadamba, Head, CSE, GVPCEW(A)
Dr. D K. Bebarta, Head, CSE [AIML], GVPCEW(A)
Dr. M Bhanu Sridhar, Head, Dept of IT, GVPCEW(A)
Dr. P M K Prasad, Head, Dept. of ECE, GVPCEW(A)
Dr. R V S Lakshmi Kumari, Dept of EEE, GVPCEW(A)
Dr. K L Sai Prasad, Dept of BSH, GVPCEW(A)

Program Coordinators:
Mr. S Sumahasan, Dept. of CSE, GVPCEW(A)
Mr. P V K Chaitanya, Dept. of ECE, GVPCEW(A)

Program Co-Coordinators:
Dr. Ganesh Laveti, Dept. of ECE, GVPCEW(A)
Mrs. Ch Sirisha, Dept. of ECE, GVPCEW(A)

Who can Attend
Students from 2nd B.Tech of any Branch

Registration : FREE
https://forms.gle/bpYsEremPSEgwzYw9

Whatsapp group:
https://chat.whatsapp.com/KTcAc1YRj1Z2kvCrq3J2Mr

COMPUTER SOCIETY OF INDIA ESTD. 1955

IEEE Advancing Technology for Humanity

THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS • INDIA •

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN(A)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

LECTURE SERIES - 1

Circular

No.GVPW(A)/CSE/24-25/02

Date: 01-07-2024

This is to inform all the II year B.Tech CSE students that there is going to be a Lecture series - 1 entitled **"Quantam computing"** on 03-7-2024 to 05-07-2024. We advise all the students to attain maximum benefit from it.

Resource Persons:

1. **Mr. Gopi Kumar Bulusu**
2. **Prof.Dr. A. Subrahmanyam**
3. **Prof.Dr. P S Avadhani**

Venue: GVPW(A) Auditorium

Faculty Co-Ordinator: S. Sumahasan

HOD

CSE Department

Head of Department
GVPCEW
Dept. of Computer Science & Engineering
GVP College of Engineering for Women
Madhurawada, Visakhapatnam-48

Gayatri Vidya Parishad College of Engineering for Women

(Approved by AICTE, New Delhi, Affiliated to JNT University, Kakinada)

MADHURAWADA, VISAKHAPATNAM – 530048

Lecture Series - 1 on Quantum Computing

S No	Branch	Roll Number	Name	03-07-2024	04-07-2024	05-07-2024
1	CSE	322103210012	Baina Bhuvana			
2	CSE	322103210017	Kavya	B.Kavya		B.Kavya
3	CSE	322103210023	CH Y S S V PRAVALLIKA			
4	CSE	322103210029	Chunduri Amulya			
5	CSE	322103210037	Dulla Naga Samyutha	D Samyutha	~~Dsamy~~	D Samyutha
6	CSE	322103210050	Kanakamahalakshmi			
7	CSE	322103210054	Trisha	J. Trisha		J. Trisha
8	CSE	322103210075	Korra sowjanya			
9	CSE	322103210076	Koyyalamudi Sasikala	Sasikala		Sasikala
10	CSE	322103210081	Mounika	Mounika		Mounika
11	CSE	322103210082	Lavanya sahu	Lavanya Sahu		Lavanya Sahu
12	CSE	322103210084	Madem Deva Harshini	M. Deva Harshini		M. Deva Harshini
13	CSE	322103210085	Praveena Maganti	Praveena		Praveena
14	CSE	322103210087	Malla sravya			
15	CSE	322103210090	M.VamsiPriya	M. VamsiPriya		M. VamsiPriya
16	CSE	322103210095	Manojna Meruva	M. Manojna		
17	CSE	322103210097	MONDETI LIKHITHA	M. Likhitha		M. Likhitha
18	CSE	322103210098	Kusuma Muddurthi			M. Kusuma
19	CSE	322103210101	Nallamilli V Sai Mani Deepika	N.V.S.M Deepika		N.V.S.M Deepika
20	CSE	322103210102	N.Aashritha Ancel			
21	CSE	322103210107	Palli Tejaswini	Tejaswini		Tejaswini
22	CSE	322103210109	Pappu Deekshitha	P. Deekshitha		
23	CSE	322103210111	Pathina Likhita	P. Likhita		Likitha
24	CSE	322103210112	Patnaikuni Sai Likhita	Saikhi		Saikhi
25	CSE	322103210113	Patoju vyshnavi	P. Vyshnavi		P. Vyshnavi
26	CSE	322103210120	Potumanchi sree yashana	P. Sree Yashana		P. Sree Yashana
27	CSE	322103210122	Prithi Chavan	Prithi Ch		Prithi Ch.
28	CSE	322103210131	R Sri Bhavya	R. Bhavya		R. Bhavya
29	CSE	322103210141	SHAIK JUVARIYA	SK. Juvariya		SK. Juvariya
30	CSE	322103210142	Siliveru Neha	S. Neha		S. Neha
31	CSE	322103210145	Latha Sirugudi	S. Latha		S. Latha
32	CSE	322103210149	SRIVINDA SHETTY	Srivinda Shetty		Srivinda Shetty

Gayatri Vidya Parishad College of Engineering for Women

(Approved by AICTE, New Delhi, Affiliated to JNT University, Kakinada)

MADHURAWADA, VISAKHAPATNAM – 530048

Lecture Series - 1 on Quantum Computing

S No	Branch	Roll Number	Name	03-07-2024	04-07-2024	05-07-2024
33	CSE	322103210161	Tulasi Sahu	Tulasi Sahu		Tulasi Sahu
34	CSE	322103210165	Shravya Unukuri	U. Shravya		U. Shravya
35	CSE	322103210167	Meghana Vajrapu	V. Meghana		V. Meghana
36	CSE	322103210169	Veera Kalyani Hema Tayaru Padala	P. Hema Tayaru		P. Hema Tayaru
37	CSE	322103210171	Vemavarapu Roshini Priyanka	Roshini. V		Roshini. V
38	CSE	322103210172	VIDYASRI BOBBADI	vidya sri		vidya sri
39	CSE	322103210176	Vijaya	Vijaya		Vijaya
40	CSE	322103210177	Yellapu Deepthi Annie	Annie. Yellapu		Annie. Yellapu
41	CSE	322103210198	shaik.Sameena	SK. Sameena.		SK. Sameena.
42	CSM	322103282038	Jatla Veera Sree Pravallika	J.V.S. Pravallika		J.V.S. Pravallika
43	CSM	322103282002	Achalla Saavitha Mali Nandini	A.S.M. Nandini		A.S.M. Nandini
44	CSM	322103282004	ANEM MOUNIKA	A. Mounika		A. Mounika
45	CSM	322103282005	Asha jyothi palakula	P. Asha Jyothi		P. Asha Jyothi
46	CSM	322103282006	Athota Aishwaryaanjali	A. Aishwarya		A. Aishwarya
47	CSM	322103282008	Bhuvanasri	B. Bhuvanasri		B. Bhuvanasri
48	CSM	322103282009	Akshaya Keerthi Sri Badireddy	Akshaya		Akshaya
49	CSM	322103282011	Anusha Beeraka	Anusha		B. Anusha
50	CSM	322103282012	B Duhitha Sowndarya	Duhitha		Duhitha
51	CSM	322103282013	BOJJA LAKSHMI HARIPRIYA	B.L. Haripriya		B.L. Haripriya
52	CSM	322103282014	Poojitha Boni	B. Poojitha		B. Poojitha
53	CSM	322103282019	Chowdari Sireesha	Ch. Sireesha		Ch. Sireesha
54	CSM	322103282020	Anusha ratnam	D. Anusha		D. Anusha
55	CSM	322103282027	Nishitha Gangupam	G. Nishitha		G. Nishitha
56	CSM	322103282031	Gollapalli vidya sagarika	G.V. Sagarika		G.V. Sagarika
57	CSM	322103282036	G.v.vaishnavi	G.v. vaishnavi		G.V. vaishnavi
58	CSM	322103282043	K.Radhika Devi	K. Radhika		K. Radhika
59	CSM	322103282044	Jyoshika Kandregula	Jyoshika		Jyoshika
60	CSM	322103282045	Kanduri Sai Sruthi	Sruthi		Sruthi
61	CSM	322103282048	Kaviratnam subhasri patro	K. Subhasri Patro.		K. Subhasri
62	CSM	322103282049	Konki priyadharshini	K. Priyadharshini		K. Priyadharshini
63	CSM	322103282051	KOSIREDDI PAVANI	K. Pavani		K. Pavani
64	CSM	322103282053	KOYALAPU SOWJANYA	K. Sowjanya		K. Sowjanya

Head of Department
Dept. of Computer Science & Engineering
GVP College of Engineering for Women
Madhurawada, Visakhapatnam

Gayatri Vidya Parishad College of Engineering for Women

(Approved by AICTE, New Delhi, Affiliated to JNT University, Kakinada)

MADHURAWADA, VISAKHAPATNAM – 530048

Lecture Series - 1 on Quantum Computing

S No	Branch	Roll Number	Name	03-07-2024	04-07-2024	05-07-2024
65	CSM	322103282055	Lakshmi Gayathri Krovvidi	K. L. Gayathri		
66	CSM	322103282056	Poornima lanka			L. poornima
67	CSM	322103282065	Molagajje Jessy priya	M. Jessypriya		M. Jessypriya
68	CSM	322103282066	Nadimpalli AkhilaDevi	N. Akhila Devi		N. Akhila Devi
69	CSM	322103282069	Nanaboyina Srujana	N. Srujana		N. Srujana
70	CSM	322103282070	Sushmitha Nemmadi	Sushmitha		Sushmitha
71	CSM	322103282071	Nukapeyyi Latha Kumari	N. Lathakumari		N. Lathakumari
72	CSM	322103282078	Pokkuluri sesha sai srivani			
73	CSM	322103282089	Seeramdasu Sravani	S. Sravani		S. Sravani
74	CSM	322103282094	Sirisha Arangi	Sirisha		Sirisha
75	CSM	322103282095	Sistu Gayathri	S. Gayathri		S. gayathri
76	CSM	322103282098	Tina Maheswari Kandrapu	Tina		Tina
77	CSM	322103282100	VANKA ANURADHA	V. Anuradha		V. Anuradha
78	CSM	322103282105	Vedula NagaRatna Madhughna	V.N.R. Madhughna		V.N.R. Madhughna
79	CSM	322103282108	V. Nava Harinita	V. Nava Harinita		V. Nava Harinita
80	CSM	322103282122	K.likitha			
81	IT	322103211003	Bevara Usha sree	Bushasree		Bushasree
82	IT	322103211004	B. Swathi	B. Swathi		B. Swathi
83	IT	322103211005	Jyotshna	B. Jyotshna		Jyothsna
84	IT	322103211009	Darapu Archana	D. Archana	~~D. Archana~~	D. Archana
85	IT	322103211011	kalyanidonkada195@gmail.com			
86	IT	322103211022	K.S.L.Madalasa	Madalasa		Madalasa
87	IT	322103211025	Karri Sai manasa	Sai manasa		Sai manasa
88	IT	322103211027	Kukkala Likhita	K. Likhita		K. Likhita
89	IT	322103211040	Swathi peddirsi	P. Swathi		P. Swathi
90	IT	322103211042	Priya Agrawal	P. Priya		
91	IT	322103211044	SURISETTI LIKHITHA	S. Likhitha		S. Likhitha
92	IT	322103211057	POTNOORU MADHURI DEEKSHIT	Madhuri		
93	IT	322103211058	Vangipurapu swathi			
94	ECE	322103212001	Atukula Monika	A. Monika		A. Monika
95	ECE	322103212028	Ganivada. Hemalatha	G. Hemalatha		G. Hemalatha
96	ECE	322103212035	Himavarshini Sarikonda	S. Hima		S. Hima

IT 322103211019 GURUGUBELLI TANUJA G. Tanuja

IT 322103211024 K. SANJANA Sanjana

Gayatri Vidya Parishad College of Engineering for Women

(Approved by AICTE, New Delhi, Affiliated to JNT University, Kakinada)

MADHURAWADA, VISAKHAPATNAM – 530048

Lecture Series - 1 on Quantum Computing

S No	Branch	Roll Number	Name	03-07-2024	04-07-2024	05-07-2024
97	ECE	322103212045	Katumuri Venkata Sai Meghana	K.Meghana		K.Meghana
98	ECE	322103212055	Kornu Tejovathi	K.Tejovathi		K.Tejovathi
99	ECE	322103212066	Mullapudi poorna vijaya			
100	ECE	322103212079	Pranathi Mattaparthy	M.Pranathi		M.Pranathi
101	ECE	322103212101	Varsha sri L	Varsha Sri	Varsha Sri	Varshasri
102	ECE	322103212102	Varshini Saranya Chilla	Varshini	Varshini	Varshini
103	ECE	322103212107	Gundu Lavanya	G.Lavanya	[illegible]	G.Lavanya
104	ECE	322103212108	Javvadi Geethanjali	J.Geethanjali		J.Geethanjali
105	ECE	322103212109	KALYANAPU JOSHNA	K.Joshna		K.Joshna
106	ECE	322103212111	Lakkoju Naga Sowjanya	L.N.Sowjanya		L.N.sowjanya
107	ECE	322103212114	PAPPALA SRIVANI	P.srivani		P.srivani
108	ECE	322103212116	Ponnada vasundhara	P.Vasu		P.Vasu
109	ECE	322103212117	Seema Vijaya Lakshmi	S.Vijayalakshmi		S.Vijayalakshmi
110	~~ECE~~ CSM	322103282040	Kadimisetty Vasavi Atchuta Padmavathi	K.V.A.Padma Vathi		K.V.A.Padmavathi
111	EEE	322103214033	Devarapalli anjali			Anjali
112	EEE	322103214037	G.JYOSHNA			G.Jyoshna
113	EEE	322103214048	PILLA GAYATHRI AKSHAYA			P.Gayathri
114	EEE	322103214050	REDDI DIVYA			R.Divya
115	CSM	322103282104	V. Raga Deepika	V.R.Deepika		V.R.Deepika
116	CSM	322103282096	Sontena Jayasri	S.Jayasri		S.Jayasri
117	CSM	322103282067	S. Naga Soumya	S.N.Soumya		S.N.Soumya
118	CSM	322103282083	R. Gayatri	R.Gayatri		R.Gayatri
119	CSM	322103282097	T. Sruthi	Sruthi		Sruthi
120	CSM	322103282057	Lishita Patnaik	Lishita		Lishita
121	CSM	322103282046	K.L.Priyanka	Priyanka		
122	CSM	322103282050	K. Vasanthi	Vasanthi		Vasanthi
123	CSM	322103282025	D.V.Padmavathi	Padmavathi		Padmavathi
124	CSM	322103282023	DVG Harika	D.Harika		Harika
125	CSM	322103282032	G.Aparna	G.Aparna		G.Aparna
126	CSM	322103282015	B Yaswanthini	B.Yashu		B.Yashu
127	CSM	322103282064	Arshia Nigaar	Arshia		Arshia
128	CSE	322103210049	G. suryaMeghana.			Suryameghana
129	CSM	322103282024	D. Gayatri Sameera			D.Gayatri

130	CSM	322103282073	Pappla Vaghdevi	Vaghdevi
131	CSM	322103282068	Nagupilli Shanmukha Priya	Shanu
132	CSM	322103282086	Rupasri Raleti	P. Rupasri

P. V. K. Chaitanya

Vaghde
Shanu
P. Rupasri

Gayatri Vidya Parishad College of Engineering for Women
(Approved by AICTE, New Delhi, Affiliated to JNT University, Kakinada)
MADHURAWADA, VISAKHAPATNAM – 530048
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

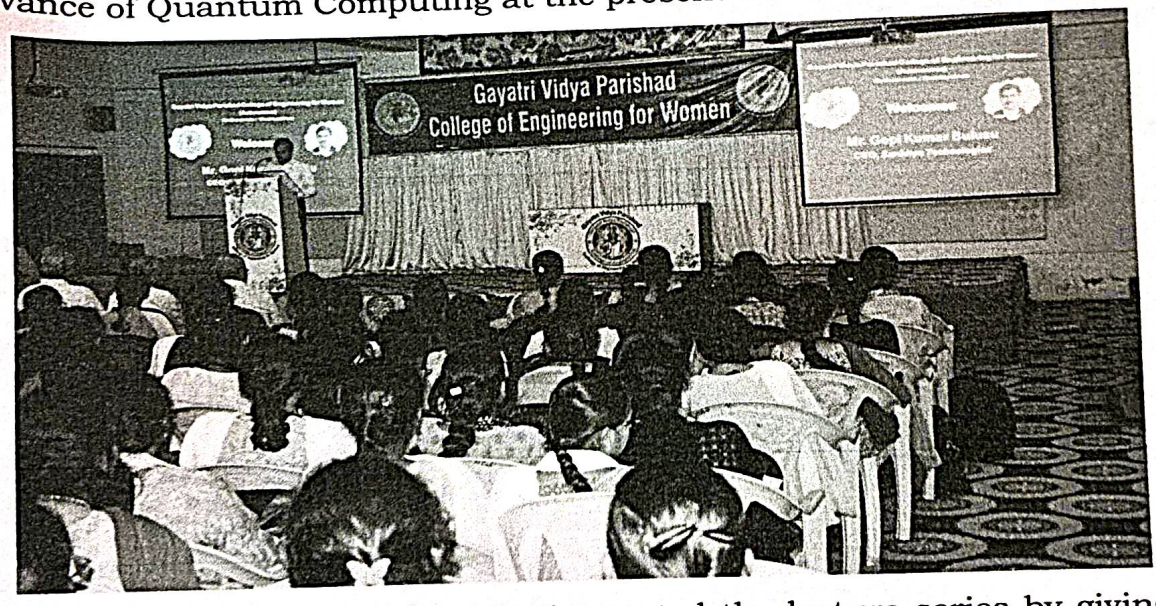
IETE STUDENTS' FORUM (ISF)

Lecture Series-1 on Quantum Computing" –

03/07/2024 to 05/07/2024

A Series of Lectures on Quantum Computing is planned to be organized by the different student bodies of the college for the 2nd year Students. Lecture Series-1 is organized from 3rd to 5th July 2024. Mr. Gopi Kumar Bulusu, CEO, Sankhya Technologies and Prof. A Subrahmanyam, Retd. Professor, IIT Madras and Prof. P S Avadhani, Retd. Professor, AU have consented to be the speakers on the three days.

The Lecture Series started with the opening remarks of the Principal, Prod. Dr. R K Goswami. In his address Prof. Goswami mentioned about the relevance of Quantum Computing at the present time.

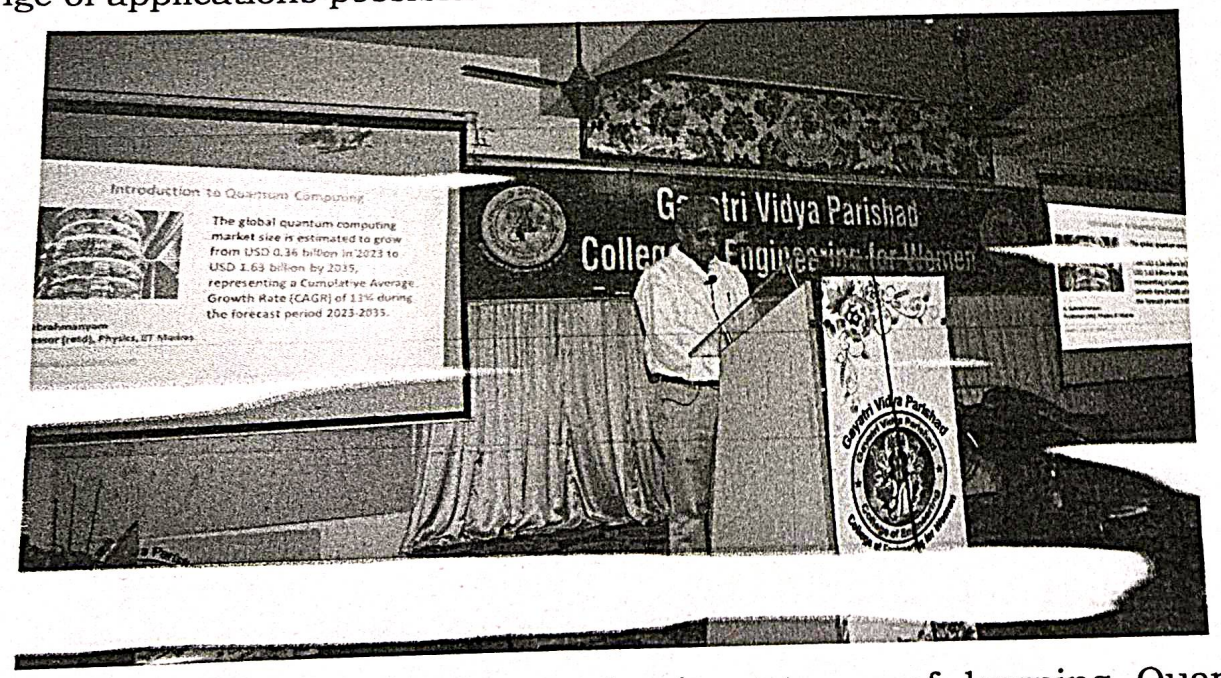


Mr. Gopi Kumar Bulusu, on 3rd July started the lecture series by giving an insight on what is quantum computing, the necessity to venture into quantum computing, and the scope of quantum computing in research. Mr. Gopi also gave light on the work done and solutions developed at Sankhya Technologies regarding Quantum Computing. He was successful in developing interest in the students towards having a career in Quantum Computing. The students are very excited to dive deep into Quantum Computing.

IETE STUDENTS' FORUM (ISF)

The session on 4th July was called off as the class work was cancelled due to Bharath Bandh.

Prof. A Subrahmanyam on 5th July started with the definition of Quantum, Quantum Computers, Quantum Mechanics and then showed the growth of Quantum Computing in terms of market, number of players and the vast range of applications possible.



Prof. Subrahmanyam insisted on the importance of learning Quantum Mechanics as a first step towards Quantum Computing.

Gayatri Vidya Parishad College of Engineering for Women

(Approved by AICTE, New Delhi, Affiliated to JNT University, Kakinada)

MADHURAWADA, VISAKHAPATNAM – 530048

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IETE STUDENTS' FORUM (ISF)

A total of ~~124~~ 131 students of various Student bodies of the college have attended and got benefitted from the Lectures.

Head of Department
Dept. of Computer Science & Engineering
GVP College of Engineering for Women
Madhurawada, Visakhapatnam-48

About - Gayatri Vidya Parishad

Gayatri Vidya Parishad is an educational society that was founded in 1988 by a group of Academicians, Educationists, and Professionals from Visakhapatnam, Andhra Pradesh. The society offers a wide range of educational programs in the fields of Arts and Humanities, Science, Engineering, Commerce & Management Studies and Medicine. Its primary goal is to cater to the higher education requirements of the area, namely by providing education that emphasizes moral principles. The Society operates three engineering institutions, one college for Undergraduate and Post-Graduate programs, and a Medical college. The present number of students in the network of institutions is approximately 15,000, with a faculty size of over 800, of which approximately 210 possess a PhD degree.

About the Institution

In tune with the Government's idea of empowering women in the technological and engineering fields, the Society, Gayatri Vidya Parishad contemplated an Engineering College exclusively for Women named as Gayatri Vidya Parishad College of Engineering for Women in the year 2008.

The College has been Approved by AICTE, New Delhi and affiliated to Jawaharlal Nehru Technological University-Kakinada (JNTUK) up to the academic year 2021-2022 and is now affiliated to Andhra University from the academic year 2022-2023. The College has started its academic [illegible] initial intake of 300 with four

with Five UG Courses (i.e., Computer Sc[illegible]e & Engineering, Electronics & Communication Engineering, Information Technology, Electrical & Electronics Engineering and CSE (Artificial Intelligence and Machine Learning) and two PG courses (viz., ECE-VLSI Design & Embedded Systems and CSE-Data Science).

The 3 UG courses – CSE, ECE, IT have been accredited by NBA from 2019 to 2022 and reaccredited from 2022 to 2025 and another UG course EEE accredited by NBA for 3 years, from 2023 to 2026.

The college has been accredited by NAAC with "A" grade (3.13/4) for a period of five years valid up to 10th October, 2027. The college is Permanently Affiliated to Andhra University from 2023-24 for a period of 5 years. The college has been conferred Autonomous status by UGC for 10 years from 2024-25 to 2034-35.

Institute Vision

To emerge as an acclaimed centre of learning that provides value based technical education for the holistic development of students.

Institute Mission

Undertake activities that provide value based knowledge in Science, Engineering & Technology

Provide opportunities for learning through Industry – Institute interaction on the state-of-the-art technologies

Create collaborative environment for research, innovation and entrepreneurship.

Promote activities that bring in a sense of social responsibility

Institutions under the flag of Gayatri Vidya Parishad [GVP]

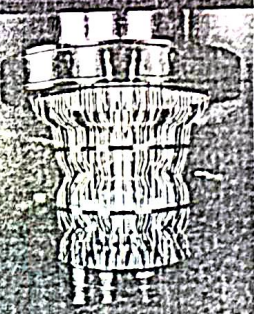
- G V P College of Engineering (A)
- G V P College of Engineering for Women (A)
- G V P College for Degree and PG Courses (A)
- G V P Institute of Health Care and Medical Techn[illegible]ogy

College of Engineering for Women Autonomous

Lecture Series - 2 on Quantum Computing

10 - 12 July, 2024

02.30 PM - 03.30 PM



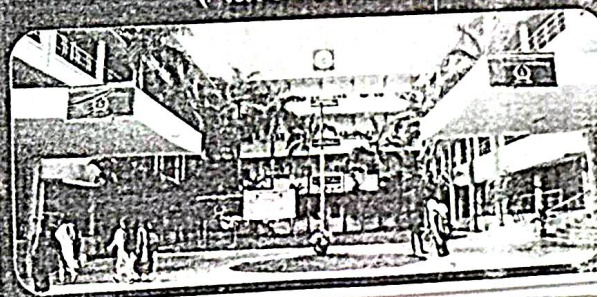
Organised by

IEEE Student Branch

CSI Student Chapter

IETE Students' Forum

Gayatri Vidya Parishad College of Engineering for Women (Autonomous)



...igence and machine learning currently key factors in the progress of modern society in the world. Now it is quite difficult to find an area of our life where achievements in the field of artificial intelligence would not be used. However, this success is largely ensured by the development of classical information technologies in terms of hardware, which possess natural limitations. The creation of quantum computers and quantum networks can bypass these limitations in different fields.

The main objective of this lecture series is to provide participants with a comprehensive understanding of the principles, application and implications of quantum computing. Through a combination of theoretical insights and programming attendees will acquire a good foundation in quantum computing.

Speakers

Dr. Navya Gouru
Enterprise Research Architect
CVS Healthcare, USA

Dr. Navya Gouru has 15 years of experience in IT and Research. She has experience in working in MNC's like Accenture – Bangalore, SAP – Singapore.
She was Awarded Doctorate in Computer Science on "A Contemporary Blockchain-Based Architecture for Tracking Data Provenance of Digital Assets in Distributed Cloud with Zero-Knowledge Proof" on March, ... Visakhapatnam, AP, India.
Dr. Navya is currently working in USA since 5 years. She has worked in start-ups like Aegis, also MNC's like MERCK – a global healthcare company as a Blockchain Architect and currently working in CVS health care as Enterprise Research Architect in USA on quantum capabilities like Quantum cryptography and Post-Quantum Cryptography and also trained on Quantum computing by MIT, USA.

Prof. Dr A Subrahmanyam
Retd. Professor
IIT Madras

Dr. A. Subrahmanyam, a highly experienced professor from the Department of Physics at IIT Madras, had a remarkable career in teaching and research, spanning over 38 years. He is primarily focused on researching functional metal oxide thin films, surface engineering, and biomedical engineering. His contributions to the field have been remarkable, such as his work on lung assist devices using photocatalysis and his development of lab-scale technology for hard coatings on tube walls. He has received numerous prestigious awards in recognition of his achievements, such as the Young Scientists Fellowship, Humboldt Fellowship, Saint Gobain Chair, DAAD Professorship, and the SVC Mentorship Award, among others. He holds the esteemed position of Distinguished Professor at Gayatri Vidya Parishad.

Who can Attend

Students from 2nd B.Tech of any Branch

Registration : FREE

https://forms.gle/bbYsEremPSEgwzYW9

Organizing Committee

Chief Patron
Prof. Dr. Ing. P. Srinivasa Rao

Patrons
Sri. D. Dakshina Murthy, Vice President, GVP
Prof. Dr. K. P. R. Sastry, Vice President, GVP
Prof. Dr. P. Somaraju, Secretary, GVP
Sri. V. R. K. S. Siva Prasad, Treasurer, GVP
Prof. P. V. Sarma, Member, GVP
Dr. P. Rajaganapathi, Member, GVP
Sri. D. V. S. Kameswara Rao, Member, GVP

Co-Patrons
Prof. Dr. Raj Kumar Goswami, Principal, GVPCEW (A)
Prof. Dr. G. Sudheer, Vice Principal, GVPCEW (A)

Advisory Board
Prof. Dr. A S Avadhani, Retired Prof., A.U.
Prof. Dr. N B Venkateswarulu, CSE, GVPCEW(A)
Prof. Dr. M R K Rao, CSE(AIML), GVPCEW(A)
Prof. Dr. P V S L Jagadamba, Head, CSE, GVPCEW(A)
Dr. D K Bebarta, Head, CSE (AIML), GVPCEW(A)
Dr. M Bhanu Sridhar, Head, Dept of IT, GVPCEW(A)
Dr. P M K Prasad, Head, Dept. of ECE, GVPCEW(A)
Dr. R V S Lakshmi Kumari, Head, EEE, GVPCEW(A)
Dr. K L Sai Prasad, Head, Dept of BSH, GVPCEW(A)

Program Coordinators:
Mr. S Sumahasan, Dept. of CSE, GVPCEW(A)
Mr. P V K Chaitanya, Dept. of ECE, GVPCEW(A)

Program Co-Coordinators:
Dr. Ganesh Laveti, Dept. of ECE, GVPCEW(A)
Mrs. Ch Sirisha, Dept. of ECE, GVPCEW(A)

COMPUTER SOCIETY OF INDIA ESTD. 1965
IEEE Advancing Technology

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN(A)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

LECTURE SERIES - 2

Circular

No.GVPW(A)/CSE/24-25/03

Date: 08-07-2024

This is to inform all the II year B.Tech CSE students that there is going to be a Lecture series - 2 entitled "**Quantam computing**" on 10-7-2024 to 12-07-2024. We advise all the students to attain maximum benefit from it.

Resource Persons:

1. **Dr. Navya Gouru,**
2. **Prof.Dr. A. Subrahmanyam,**
3. **Prof.Dr. P S Avadhani**

Venue: GVPW(A) Auditorium

Faculty Co-Ordinator: S. Sumahasan

HOD

CSE Department

GVPCEW

Head of Department
Dept. of Computer Science & Engineering
GVP College of Engineering for Women
Madhurawada, Visakhapatnam-48

Gayatri Vidya Parishad College of Engineering for Women

(Approved by AICTE, New Delhi, Affiliated to JNT University, Kakinada)

MADHURAWADA, VISAKHAPATNAM – 530048

Lecture Series - 2 on Quantum Computing

S No	Branch	Roll Number	Name	10-07-2024	11-07-2024	12-07-2024
1	CSE	322103210012	Baina Bhuvana			
2	CSE	322103210017	Kavya	Kavya.		
3	CSE	322103210023	CH Y S S V PRAVALLIKA			
4	CSE	322103210029	Chunduri Amulya	Amulya		
5	CSE	322103210037	Dulla Naga Samyutha	Samyuta.	Dsamyutha	
6	CSE	322103210050	Kanakamahalakshmi			
7	CSE	322103210054	Trisha	Trisha.	Trisha	
8	CSE	322103210074	Korra sowjanya		Sowjanya	
9	CSE	322103210076	Koyyalamudi Sasikala	Sasikala	Sasikala	
10	CSE	322103210081	Mounika			
11	CSE	322103210082	Lavanya sahu	Lavanya Sahu	Lavanya Sahu	
12	CSE	322103210084	Madem Deva Harshini	Deva Harshini		
13	CSE	322103210085	Praveena Maganti	Praveena	Praveena	
14	CSE	322103210087	Malla sravya	M. Sravya	M. Sravya	
15	CSE	322103210090	M.VamsiPriya	M. VamsiPriya	M. VamsiPriya	
16	CSE	322103210095	Manojna Meruva	M. Manojna	M. Manojna	
17	CSE	322103210097	MONDETI LIKHITHA			
18	CSE	322103210098	Kusuma Muddurthi			
19	CSE	322103210101	Nallamilli V Sai Mani Deepika	Deepika	Deepika	
20	CSE	322103210102	N.Aashritha Ancel			
21	CSE	322103210107	Palli Tejaswini	Tejaswini	Tejaswini	
22	CSE	322103210109	Pappu Deekshitha	Deekshitha	Deekshitha	
23	CSE	322103210111	Pathina Likhita			
24	CSE	322103210112	Patnaikuni Sai Likhita	Saikhi.	Saikhi.	
25	CSE	322103210113	Patoju vyshnavi	P. Vyshnavi	P. Vyshnavi	
26	CSE	322103210120	Potumanchi sree yashana	Yashana	Yashana	
27	CSE	322103210122	Prithi Chavan	Prithi.	Prithicha	
28	CSE	322103210131	R Sri Bhavya	R. Sri Bhavya	R. Sri Bhavya	
29	CSE	322103210141	SHAIK JUVARIYA	SK. Juvariya	SK. Juvariya	
30	CSE	322103210142	Siliveru Neha	S. Neha	S. Neha	
31	CSE	322103210145	Latha Sirugudi	S. Latha	S. Latha	
32	CSE	322103210149	SRIVINDA SHETTY	Srivinda. S	Srivinda S	

CSE 322103210049 G. SuryaMeghana -- Suryamegha Surya Megha.

Gayatri Vidya Parishad College of Engineering for Women

(Approved by AICTE, New Delhi, Affiliated to JNT University, Kakinada)

MADHURAWADA, VISAKHAPATNAM – 530048

Lecture Series - 2 on Quantum Computing

S No	Branch	Roll Number	Name	10-07-2024	11-07-2024	12-07-2024
1	CSE	322103210012	Baina Bhuvana			
2	CSE	322103210017	Kavya	Kavya.		
3	CSE	322103210023	CH Y S S V PRAVALLIKA			
4	CSE	322103210029	Chunduri Amulya	Amulya.		
5	CSE	322103210037	Dulla Naga Samyutha	Samyuta.	D.Samyutha	
6	CSE	322103210050	Kanakamahalakshmi			
7	CSE	322103210054	Trisha	Trisha.	Trisha	
8	CSE	322103210074	Korra sowjanya		Sowjanya	
9	CSE	322103210076	Koyyalamudi Sasikala	Sasikala	Sasikala	
10	CSE	322103210081	Mounika			
11	CSE	322103210082	Lavanya sahu	Lavanya Sahu	Lavanya Sahu	
12	CSE	322103210084	Madem Deva Harshini	Deva Harshini		
13	CSE	322103210085	Praveena Maganti	Praveena	Praveena	
14	CSE	322103210087	Malla sravya	M. Sravya	M. Sravya	
15	CSE	322103210090	M.VamsiPriya	M. VamsiPriya	M. VamsiPriya	
16	CSE	322103210095	Manojna Meruva	M. Manojna	M. Manoj	
17	CSE	322103210097	MONDETI LIKHITHA			
18	CSE	322103210098	Kusuma Muddurthi			
19	CSE	322103210101	Nallamilli V Sai Mani Deepika	Deepika	Deepika	
20	CSE	322103210102	N.Aashritha Ancel			
21	CSE	322103210107	Palli Tejaswini	Tejaswini	Tejaswini	
22	CSE	322103210109	Pappu Deekshitha	Deekshitha	Deekshitha	
23	CSE	322103210111	Pathina Likhita			
24	CSE	322103210112	Patnaikuni Sai Likhita	Saikhi.	Saikhi.	
25	CSE	322103210113	Patoju vyshnavi	P. Vyshnavi	P. Vyshnavi	
26	CSE	322103210120	Potumanchi sree yashana	Yashana	Yashana	
27	CSE	322103210122	Prithi Chavan	Prithi.	Prithicha	
28	CSE	322103210131	R Sri Bhavya	R. Sri Bhavya	R. Sri Bhavya	
29	CSE	322103210141	SHAIK JUVARIYA	SK. Juvariya	SK. Juvariya	
30	CSE	322103210142	Siliveru Neha	S. Neha	S. Neha	
31	CSE	322103210145	Latha Sirugudi	S. Latha	S. Latha	
32	CSE	322103210149	SRIVINDA SHETTY	Srivinda. S	Srivinda S	

CSE 322103210049 G. SuryaMeghana -- Suryamegha Surya Megha.

Gayatri Vidya Parishad College of Engineering for Women

(Approved by AICTE, New Delhi, Affiliated to JNT University, Kakinada)

MADHURAWADA, VISAKHAPATNAM – 530048

Lecture Series - 2 on Quantum Computing

S No	Branch	Roll Number	Name	10-07-2024	11-07-2024	12-07-2024
33	CSE	322103210161	Tulasi Sahu	Tulasi	Tulasi	
34	CSE	322103210165	Shravya Unukuri	U.Shravya	U.Shravya	
35	CSE	322103210167	Meghana Vajrapu	V Meghana	V.Meghana	
36	CSE	322103210169	Veera Kalyani Hema Tayaru Padala	P.HemaTayaru	P.HemaTayaru	
37	CSE	322103210171	Vemavarapu Roshini Priyanka	V.Roshini	V.Roshini	
38	CSE	322103210172	VIDYASRI BOBBADI	Vidya B	Vidya B	
39	CSE	322103210176	Vijaya	V.Vijaya	V.Vijaya	
40	CSE	322103210177	Yellapu Deepthi Annie	Y.Deepthi	Y.Deepthi	
41	CSE	322103210198	shaik.Sameena	SK.Sameena	SKSameena	
42	CSM	322103282038	Jatla Veera Sree Pravallika	J.Pravallika	J.Pravallika	
43	CSM	322103282002	Achalla Saavitha Mali Nandini		A.S.M.Nandini	
44	CSM	322103282004	ANEM MOUNIKA	A.Mounika	A.Mounika	
45	CSM	322103282005	Asha jyothi palakula	P.Asha	P.Asha	
46	CSM	322103282006	Athota Aishwaryaanjali	A.Aishwarya	A.Aishwarya	
47	CSM	322103282008	Bhuvanasri	B.Bhuvana	B.Bhuvana	
48	CSM	322103282009	Akshaya Keerthi Sri Badireddy	Akshaya	Akshaya	
49	CSM	322103282011	Anusha Beeraka	B.Anusha	B.Anusha	
50	CSM	322103282012	B Duhitha Sowndarya	Duhitha	Duhitha	
51	CSM	322103282013	BOJJA LAKSHMI HARIPRIYA	B.Lhaipriya	B.Lhaipriya	
52	CSM	322103282014	Poojitha Boni	B.Poojitha	B.Poojitha	
53	CSM	322103282019	Chowdari Sireesha	Ch.Sireesh	Sireeshachowdary	
54	CSM	322103282020	Anusha ratnam	Anusha	Anusha	
55	CSM	322103282027	Nishitha Gangupam	G.Nishitha	G.Nishitha	
56	CSM	322103282031	Gollapalli vidya sagarika	G.V.Sagarika	G.V.Sagarika	
57	CSM	322103282036	G.v.vaishnavi	G.V.vaishnavi	G.V.Vaishnavi	
58	CSM	322103282043	K.Radhika Devi	K.Radhika	K.Radhika	
59	CSM	322103282044	Jyoshika Kandregula	Jyoshika	Jyoshika	
60	CSM	322103282045	Kanduri Sai Sruthi	Sruthi	Sruthi	
61	CSM	322103282048	Kaviratnam subhasri patro	K.Subhasri Patro	K.Subhasri Patro	
62	CSM	322103282049	Konki priyadharshini	K.Priya dharshini	K.Priya dharshini	
63	CSM	322103282051	KOSIREDDI PAVANI	K.Pavani	K.Pavani	
64	CSM	322103282053	KOYALAPU SOWJANYA	K.Saijanya	K.Saijanya	

Head of Department
Dept. of Computer Science & Engineering
GVP College of Engineering for Women

Gayatri Vidya Parishad College of Engineering for Women

(Approved by AICTE, New Delhi, Affiliated to JNT University, Kakinada)

MADHURAWADA, VISAKHAPATNAM – 530048

Lecture Series - 2 on Quantum Computing

S No	Branch	Roll Number	Name	10-07-2024	11-07-2024	12-07-2024
65	CSM	322103282055	Lakshmi Gayathri Krovvidi	K.L.Gayathri	K.L.Gayathri	
66	CSM	322103282056	Poornima lanka			
67	CSM	322103282065	Molagajje Jessy priya	M.Jessypriya	M.Jessypriya	
68	CSM	322103282066	Nadimpalli AkhilaDevi	N. Akhila Devi	N. Akhila Devi	
69	CSM	322103282069	Nanaboyina Srujana	N. Srujana	N. Srujana	
70	CSM	322103282070	Sushmitha Nemmadi	N. Sushmitha	N. Sushmitha	
71	CSM	322103282071	Nukapeyyi Latha Kumari	N. Lathakumari	N. Lathakumari	
72	CSM	322103282078	Pokkuluri sesha sai srivani	Srivani	Srivani	
73	CSM	322103282089	Seeramdasu Sravani	S. Sravani	S. Sravani	
74	CSM	322103282094	Sirisha Arangi	Sirisha	Sirisha	
75	CSM	322103282095	Sistu Gayathri	S. Gayathri	S. Gayathri	
76	CSM	322103282098	Tina Maheswari Kandrapu	Tina	Tina	
77	CSM	322103282100	VANKA ANURADHA	V. Anuradha	V. Anuradha	
78	CSM	322103282105	Vedula NagaRatna Madhughna	V.N.S Madhughna	V.N.S Madhughna	
79	CSM	322103282108	V. Nava Harinita	V. Nava Harinita	V. Nava Harinita	
80	CSM	322103282122	K.likitha			
81	IT	322103211003	Bevara Usha sree	B. Usharee	B. Usharee	
82	IT	322103211004	B. Swathi	B. Swathi	B. Swathi	
83	IT	322103211005	Jyotshna	B. Jyotshna	B. Jyotshna	
84	IT	322103211009	Darapu Archana	D. Archana		
85	IT	322103211011	kalyanidonkada195@gmail.com	D. Kalyani	D. Kalyani	
86	IT	322103211022	K.S.L.Madalasa	Madalasa	Madalasa	
87	IT	322103211025	Karri Sai manasa	Sai manasa	sai manasa	
88	IT	322103211027	Kukkala Likhita	K. Likhita	Likitha	
89	IT	322103211040	Swathi peddirsi	Swathi	Swathi	
90	IT	322103211042	Priya Agrawal	Priya	Priya	
91	IT	322103211045	SURISETTI LIKHITHA	S. Likhith	S. Likhitha	
92	IT	322103211057	POTNOORU MADHURI DEEKSHITA	P. Madhuri	P. Madhuri	
93	IT	322103211058	Vangipurapu swathi	V. Swathi	V. Swathi	
94	ECE	322103212001	Atukula Monika	A. Monika	A. Monika	
95	ECE	322103212028	Ganivada. Hemalatha	G. Hemalatha	G. Hemalatha	
96	ECE	322103212035	Himavarshini Sarikonda	Hima.S	Hima.S	
	IT	322103211019	G. Tanuja	Tanuja	Tanuja	
	IT	322103211044	Sk. Ayesha	Ayesha	Ayesha	
	IT	322103211036	N. Ishwarya	Ishwarya	Ishwarya	
	IT	322103211014	K. [illegible]	K. [illegible]	K. [illegible]	

Gayatri Vidya Parishad College of Engineering for Women

(Approved by AICTE, New Delhi, Affiliated to JNT University, Kakinada)

MADHURAWADA, VISAKHAPATNAM – 530048

Lecture Series - 2 on Quantum Computing

S No	Branch	Roll Number	Name	10-07-2024	11-07-2024	12-07-2024
97	ECE	322103212045	Katumuri Venkata Sai Meghana	K. Meghana	K. Meghana	
98	ECE	322103212055	Kornu Tejovathi	K. Tejovathi	K. Tejovathi	
99	ECE	322103212066	Mullapudi poorna vijaya	M.p. Vijaya	M.p. Vijaya	
100	ECE	322103212079	Pranathi Mattaparthy	Pranathi M	Pranathi M	
101	ECE	322103212101	Varsha sri L	VarshaSri.L	VarshaSri.L	
102	ECE	322103212102	Varshini Saranya Chilla	Varshini C	Varshini. C	
103	ECE	322103212107	Gundu Lavanya	G. lavanya	G. lavanya	
104	ECE	322103212108	Javvadi Geethanjali	J. Geethanjali	J. Geethanjali	
105	ECE	322103212109	KALYANAPU JOSHNA		K. Joshna	
106	ECE	322103212111	Lakkoju Naga Sowjanya	L.N. Sowjanya	L.N. Sowjanya	
107	ECE	322103212114	PAPPALA SRIVANI	P. Srivani	P. Srivani	
108	ECE	322103212116	Ponnada vasundhara	P. Vasundhara	P. Vasu	
109	ECE	322103212117	Seema Vijaya Lakshmi	S. Vijayalakshmi	S. Vijayalakshmi	
110	~~ECE~~ CSM	322103282040	Kadimisetty Vasavi Atchuta Padmavathi	K.V.A. Padmavathi	K.V.A. Padmavathi	
111	EEE	322103214033	Devarapalli anjali	D. Anjali		
112	EEE	322103214037	G.JYOSHNA	G. Jyoshna.		
113	EEE	322103214048	PILLA GAYATHRI AKSHAYA	P.G. Akshaya		
114	EEE	322103214050	REDDI DIVYA	R. Divya		
115	CSM	322103282032	G. Aparna	G. Aparna.	G. Aparna.	
116	CSM	322103282023	D.V.G. Harika	Harika.	Harika	
117	CSM	322103282046	K.C. Priyanka	Priyanka		
118	CSM	322103282050	K. Vasanthi	Vasanthi	K. Vasanthi	
119	CSM	322103282057	Lishita Patnaik	Lishita	Lishita	
120	CSM	322103282024	D. Gayatri Sameera	Gayatri	Gayatri	
121	CSM	322103282025	D. V. Padmavathi	Padmavathi	Padmavathi	
122	CSM	322103282026	G. Madhu Sri	Madhu	Madhu	
123	CSM	322103282015	B. yasasvini	Yashu	Yashu	
124	CSM	322103282099	U.N. Harshitha	U.N. Harshitha	U.N. Harshitha.	
125	CSM	322103282086	P. Rupasri	P. Rupasri	P. Rupasri	
126	CSM	322103282068	N. Shanmukha Priya	N. Shanu	N. Shanu	
127	CSM	322103282073	P. Vaghdevi	Vaghdevi	Vaghdevi	
128	CSM	322103282067	S. Naga Sowmya	S. Sowmya	S.N. Sowmya	
129	CSM	322103282096	S. Jayasri	S. Jayasri	S. Jayasri	
130	CSM	322103282083	R. Gayatri	R. Gayatri	R. Gayatri	

131	CSM	322103282097	T. Sruthi		
132	CSM	322103282104	V Raga Deepika	V.R.Deepika	V.R.Deepika

P.V.K. Chaitanya

Gayatri Vidya Parishad College of Engineering for Women
(Approved by AICTE, New Delhi, Affiliated to JNT University, Kakinada)
MADHURAWADA, VISAKHAPATNAM – 530048
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IETE STUDENTS' FORUM (ISF)

Lecture Series-2 on Quantum Computing" –

10/07/2024 to 12/07/2024

In continuation with Lecture Series-1, series 2 is organized from 10th to 12th July 2024. Dr. Navya Gouru, Enterprise Research Architect, CVS Healthcare, USA and Prof. A Subrahmanyam, Retd. Professor, IIT Madras have consented to be the speakers on the three days.

Prof. A Subrahmanyam, in his lecture on 10th July gave a review on the Classical Computing. He touched upon the concepts of binary, working of a digital computer, representation of numbers and conversion between number systems. Further he gave information on how the volume of data is increasing over years.

Dr. Navya Gouru gave a lecture on 11th July from 10:30 to 12:30 on Cryptography and Post-Quantum Cryptography. Dr. Navya gave a comprehensive idea on the various methods in Classical Cryptography. She gave a crystal-clear view of the Symmetric and Asymmetric Cryptography methods. Then she highlighted about the threats of Quantum Algorithms and Hybrid Cryptography. Also, she introduced about Qubit and RSA Algorithm. She then explained about Quantum Cryptography and Post-Quantum Cryptography and their differences. Her Interactive Lecture captured the interest of the audience.

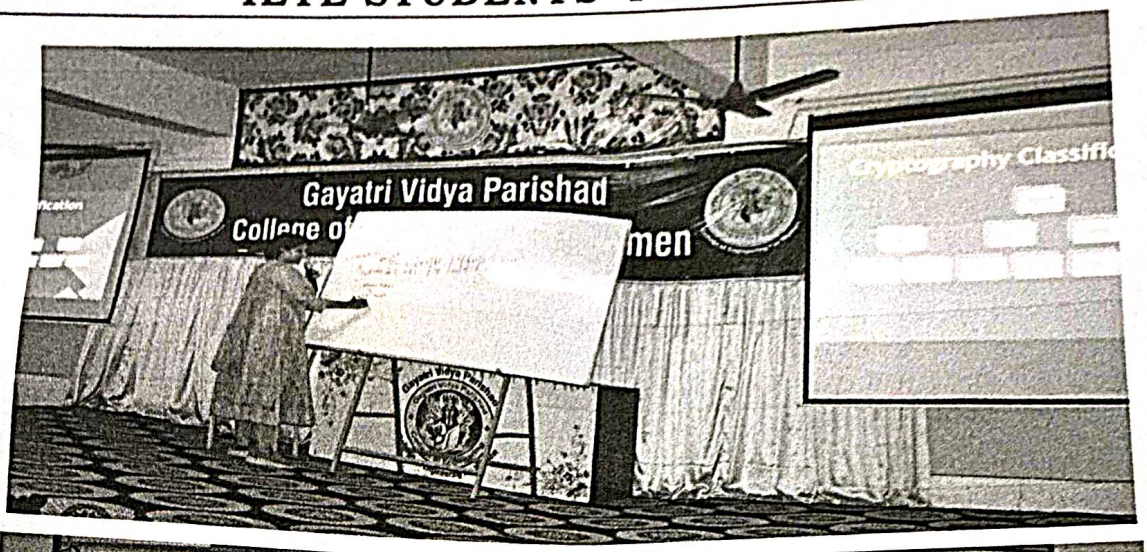
Gayatri Vidya Parishad College of Engineering for Women

(Approved by AICTE, New Delhi, Affiliated to JNT University, Kakinada)

MADHURAWADA, VISAKHAPATNAM – 530048

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IETE STUDENTS' FORUM (ISF)



The session on 12th July was called off due to administrative reasons

A total of 126 students of various Student bodies of the college have attended and got benefitted from the Lectures.

Head of Department
Dept. of Computer Science & Engineering
GVP College of Engineering for Women
Madhurawada, Visakhapatnam-48

REPORT ON QUANTUM COMPUTING LECTURE SERIES

DATE: 3rd July, 2024 Lecture Series -1 by Mr.Gopi Kumar Bulusu

An introduction about what is Quantum computing

Quantum Computing: A Leap Beyond Classical Computing

Introduction to Quantum Computing

Quantum computing represents a groundbreaking shift in computational technology. Unlike classical digital computing, which relies on the binary number system (0s and 1s) and Boolean algebra to perform calculations, quantum computing exploits the unique properties of quantum mechanics—particularly the concept of *Sa-kthi ka-Nam*. This allows quantum computers to execute computations at speeds millions of times faster than traditional computers, making them capable of solving complex problems that are currently intractable.

Digital vs. Quantum Computing

In digital computing, the fundamental unit of data is the binary digit or bit, which can represent either 0 or 1. Classical computers operate by manipulating these bits through transistors, which are based on the electrical properties of materials. Quantum computing, however, introduces the qubit, a quantum bit that can exist simultaneously in multiple states due to the principles of superposition and entanglement. This allows quantum computers to perform numerous calculations in parallel, significantly boosting computational power for specific tasks.

DATE: 5th July, 2024 Lecture Series-2 by Mr.Subrahmanyam Sir

Methodology for Quantum Computing R&D: A Brief Overview

Challenges Quantum R&D is challenging due to the high cost of devices and intense competition. Simply acquiring a device doesn't guarantee success, as others may already be ahead.

Feasibility Despite these challenges, progress in quantum R&D is possible by following a strategic methodology and forming key partnerships.

Core Methodology:

First Principles: Quantum is fundamental (*Sa-kthi ka-Nam*) and omnipresent. The field is still young, offering vast opportunities for innovation.

Idea Generation: Focus on quantum mechanics to identify intractable problems that quantum technology can solve. Develop ideas for Quantum Mechanical Devices (QMDs) that address these challenges.

Time Window Analysis: Evaluate existing or upcoming technologies to implement these QMDs. Consider partnerships with Indian R&D institutes for development.

Market Potential The global quantum computing market is projected to grow from USD 0.36 billion in 2023 to USD 1.63 billion by 2035, reflecting its significant commercial potential.

DATE: 10th July, 2024 Lecture by Mr.Subrahmanyam Sir

Learning is driven by answering four key questions: **Why, What, How, and Where**. Understanding these provides the foundation of knowledge.

Quantum Basics

Quantum refers to the smallest unit of a phenomenon, a concept introduced by Max Planck in 1892. Classical mechanics explains the motion of macroscopic objects, while quantum mechanics accurately describes the behavior of atomic and sub-atomic particles.

Quantum Computing

A quantum computer uses the principles of quantum mechanics to perform calculations, potentially surpassing the capabilities of classical computers. They are expected to revolutionize fields like defense, cryptography, weather forecasting, and even teleportation.

Binary, Bits, and Bytes

Binary is a system using only two digits, 0 and 1, which is fundamental to digital technology. A bit (binary digit) is the smallest unit of data, representing either a 0 or 1. A byte, composed of 8 bits, is the standard unit for measuring data and can represent 256 different states.

ASCII and Data Encoding

ASCII (American Standard Code for Information Interchange) is a standard data-encoding format that assigns numeric values to characters, allowing computers to communicate using binary code. However, ASCII's limitation to 127 characters led to the development of UNICODE, which supports over 100,000 characters across various languages.

DATE: 11th July, 2024 Lecture by Dr. Navya Gouru on "Pre and Post Cryptography"

Classical Cryptography

Classical cryptography refers to the traditional methods used to secure information through encryption and decryption. These methods are typically divided into two main categories: symmetric and asymmetric cryptography.

Cryptography Classification

Cryptography is classified into two types:

1. **Symmetric Cryptography**: Uses a single key for both encryption and decryption.
2. **Asymmetric Cryptography**: Uses a pair of keys, one for encryption (public key) and another for decryption (private key).

Symmetric Cryptography

In symmetric cryptography, the same secret key is used to encrypt and decrypt data. The challenge lies in securely exchanging the secret key between parties. It is mainly used for encrypting large amounts of data. Examples include AES (Advanced Encryption Standard) and DES (Data Encryption Standard).

Asymmetric Cryptography

Asymmetric cryptography involves each user having a pair of keys: a public key for encryption and a private key for decryption. The advantage is that there is no need to exchange the key securely, but it is typically used for encrypting smaller amounts of data, such as passwords. Examples include RSA (Rivest-Shamir-Adleman) and ECC (Elliptic Curve Cryptography).

Hybrid Cryptography

Hybrid cryptography combines both symmetric and asymmetric cryptography, using the strengths of each to create a more secure and efficient encryption process. Typically, asymmetric cryptography is used to securely exchange a symmetric key, which is then used to encrypt the data.

Bit vs Qubit

A **bit** is the basic unit of information in classical computing, representing either 0 or 1. A **qubit** is the quantum equivalent, capable of representing both 0 and 1 simultaneously due to the principles of quantum superposition, enabling more complex computations.

RSA Algorithm

The RSA algorithm is an asymmetric encryption method that includes three main steps:

1. ***Key Generation***: Creating a public and private key pair.
2. ***Encryption***: Using the public key to encrypt data.
3. ***Decryption***: Using the private key to decrypt the encrypted data.

Quantum Cryptography vs Post-Quantum Cryptography

- ***Quantum Cryptography***: Refers to symmetric key cryptography based on the principles of quantum mechanics. It is hardware-based and could be vulnerable to quantum attacks, such as Grover's algorithm. Increasing the key size is a potential solution to enhance quantum resistance.
- ***Post-Quantum Cryptography***: Refers to asymmetric key cryptography that uses mathematical algorithms designed to be secure against quantum threats. It is software-based and aims to replace classical asymmetric cryptography, which is vulnerable to Shor's algorithm, with new algorithms proposed by NIST (National Institute of Standards and Technology).

NIST Proposed Algorithms
NIST has proposed four new algorithms to secure cryptography against quantum threats:

- **Lattice-Based Algorithms:**
  - **Crystal Kyber:** Key exchange mechanism.
  - **Crystal Dilithium:** Digital signature.
  - **Falcon:** Digital signature.
- **Hash-Based Algorithm:**
  - **Sphincs+:** Digital signature.

The lecture series on quantum computing provideds a comprehensive introduction to both classical and quantum cryptography, covering essential concepts, methodologies, and the emerging challenges posed by quantum technologies.

Head of Department
Dept. of Computer Science & Engineering
GVP College of Engineering for Women
Madhurawada, Visakhapatnam-48

Gayatri Vidya Parishad College of Engineering for Women (A)

Entrepreneurship Development Cell (EDC)

NOTICE

Date: 19-08-2024

All students are hereby informed that the Entrepreneurship Development Cell is organizing a one-day workshop titled "**Ecosystem for Budding Entrepreneurs and Startups**" in the seminar hall on 24th August, 2024. Interested students can register on or before 22nd August 2024.

G.Tirupati, 19/8/24.

Coordinator,

EDC

Report

One Day workshop

On

Ecosystem for Budding Entrepreneurs and Startups

Organized by

Entrepreneurship Development Cell (EDC)

Gayatri Vidya Parishad College of Engineering for Women (A)

Day Schedule

Session 1

Topic: Entrepreneurship awareness

Speaker: Mr. G. Tirupati, Coordinator, EDC, Assistant Professor, Dept. of IT, GVPCEW

Timings: 24-08-2024, 10:00 to 11:30 AM

Session 2:

Topic: Startup competitions and regulations

Speaker: Dr.K.P.Nanda, startup coordinator,Asso. Professor, Dept. of CSM, GVPCEW

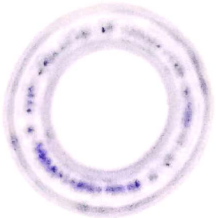
Timings: 24-08-2024, 11:30 to 1:00 PM

Session 3:

Topic: Funding & Financial schemes

Speaker: Dr.R.Neelima, Assistant Professor, Dept. of BSH, GVPCEW

Timings: 24-08-2024, 2:00 to 3:30 PM



Entrepreneurship Development Cell (EDC)

The objective of Entrepreneurship Development Cell (EDC) is to encourage the students in AICTE approved degree technical institutions to consider self employment as a career option, provide training in Entrepreneurship through skill development, mentoring and financial assistance. EDC has been actively participating in expert talks, skill development programs and Entrepreneurship awareness programs.

The objectives of EDC are as follows:

- To create an environment for self-employment and entrepreneurship development through formal and non-formal programmes.
- To introduce the concept of entrepreneurship in curricula at diploma and degree levels.
- To develop management personnel at appropriate levels for the non-corporate and unorganized sectors like education, rural development, small-scale industry etc.
- To utilize the infrastructure facilities and technically trained manpower for the development of non-corporate and unorganized sectors.
- To promote employment opportunities.

Session	Speaker	Topic
1	Mr. G. Tirupati	Entrepreneurship awareness
2	Dr.K.P.Naidu	Startup competitions and regulations
3	Dr.R.Neelima	Funding & Financial schemes

Session-1

A talk was conducted on 24th August, 2024 by the Entrepreneurship Development cell (EDC), GVP College of Engineering for Women, Visakhapatnam. Students from II B.Tech CSE, II B.Tech IT and II B.Tech EEE attended. Mr. G. Tirupati motivated the students towards self-employment and inspired them with successful entrepreneurs. Students posed many questions regarding startup and its procedure. Finally, students expressed great satisfaction towards the event.

Session-2:

Mentor Dr.K.P.Naidu address the students on Startup competitions and regulations .Startup competitions and regulations play a vital role in supporting early-stage ventures by providing visibility, funding, and guidance while ensuring a safe and structured business environment. Competitions help entrepreneurs showcase their ideas, gain mentorship, build networks, and attract potential investors. At the same time, clear regulations related to business registration, intellectual property, taxation, and funding compliance create an ecosystem where startups can operate legally, innovate confidently, and scale sustainably. Together, they encourage entrepreneurship, reduce risks, and strengthen the overall startup ecosystem.

Session-3:

Speaker Dr.R.Neelima explored and insisted various financial schemes for new ventures. Funding and financial schemes provide essential monetary support to help startups launch, grow, and scale their businesses. These schemes include various sources such as bootstrapping, angel investment, venture capital, bank loans, government grants, seed funds, crowd funding, and incubation support. Government-backed programs often offer subsidized loans, tax benefits, innovation grants, and credit guarantees to reduce financial risk for new entrepreneurs. Such support enables startups to invest in product development, marketing, talent, technology, and expansion. Overall, funding and financial schemes are crucial for accelerating innovation, improving business sustainability, and enabling early-stage ventures to compete effectively in the market.

GVP COLLEGE OF ENGG FOR WOMEN (A) * VISAKHAPATNAM *

One day workshop on Ecosystem for budding Entrepreneurs and Startups

List of Participants Date: 24-08-2024

Sl.no	Roll no	Name	sign
1	323103211034	M. Amrutha Vanhini	Amrutha Vanhini
2	323103211035	M. Haruka	Haruka
3	323103211037	M. Kusuma	Kusuma
4	323103211060	A. S. Prayuna	Prayuna
5	323103211012	ch. Likhila	ch. Likhila
6	323103211019	G. Asritha	G. Asritha
8	323103211029	K. Renuka	K. Renuka
9	323103211025	K. Bhavani	K. Bhavani
10	323103211038	M. Durga Vineeltha	Vineeltha
11	323103211056	T. Bhagya Sri	T. Bhagya
12	323103211043	N. Niharika	N. Niharika
13	323103211054	T. Deepika	T. Deepika
14	323103211056	Q. Surya Rajani	Q. Surya Rajani
15	323103211003	A. Vaishitha	A. Vaishitha
16	323103211005	K. Bhavya	Bhavya
17	323103211002	A. Harini	Harini
18	323103211049	P. Maggy Madhula	Maggy
19	323103211065	S. Sreeja	Sreeja
20	323103211069	P. Sandhya	Sandhya
21	323103211036	M. Arjavi	Arjavi
22	323103211010	Ch. Amrutha	Amrutha
23	323103211058	V. Lalitha	Lalitha
24	323103211053	S. Thaspani	Thaspani
25	323103211023	K. Thanuja	Thanuja
26	323103210001	B. Manasvi	Manasvi
27	323103210120	K. Sahasra	Sahasra
28	323103210025	B. Naya	Naya
29	323103210030	B Jahnavi	Jahnavi
30	323103210136	H. Tanya	Tanya
31	323103210167	P. Priya	Priya
32	323103210166	P. Sailaja	Sailaja
33	323103210165	P. Haritha	Haritha
34	323103210164	P. Ruchitha	Ruchitha
35	323103210163	P. priyanka	Priyanka
36	323103210162	P H Jathwika	Jathwika
37	323103210161	P. Sonika	Sonika
38	323103210168	P Kavya	Kavya
39	323103210169	P. Smaani	Smaani
40	323103210171	P. Rajasri	Raji
41	323103210153	N. Sri Rija	Sri
42	323103210146	Lokeswari	Loki
43	323103210179	P. Jyothsna	Jyothsna

A.P. GVP COLLEGE OF ENGG FOR WOMEN

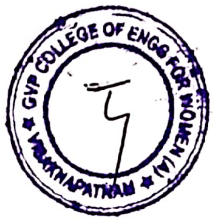
Sl.no	Roll no	Name	sign
44	323103214032	V. Navya Anuja	V. Navya
45	323103214031	V. Jubnadhika	V. Jubnadhika
46	323103214030	V. chaumi	chaumi
47	323103214033	Y. manasa	Y. manasa
48	323103214029	T. vyshnavi	T. vyshnavi
49	323103214027	K. Sathvika	K. Sathvika
50	323103214028	T. thanusha	T. thanusha
51	323103214041	M. Madhuri	M. Madhuri
52	323103219099	M. Neeraja	M. Neeraja
53	323103214050	N. Devaki	N. Devaki
54	323103214035	D. Samatha	D. Samatha
55	323103214034	B. Saroni	B. Saroni
56	323103214046	M. Sindhura	M. Sindhura

Gayatri Vidya Parishad College of Engineering for Women (A)
Madhurawada, Visakhapatnam
Entrepreneurship Development Cell
(Approved by AICTE, New Delhi)
(Accredited by NBA & NAAC with 'A' Grade)

Date: 08-07-2024

New Executive Council for the Academic Year: 2024-25

S.No	Name of the Member	Designation
1	Prof.Dr.R.K.Goswami	Principal
2	Prof.Dr.G.Sudheer	Vice Principal
3	Mr.G.Tirupati	Chief Coordinator, Assistant Professor, Dept. of IT
4	Ms.K.Suneetha	Assistant Professor, Dept. of CSE
5	B.Swathi(322103211004)	Student, Dept.of IT
6	P.Rishitha(324103282093)	Student, Dept.of CSM
7	S.Meghana(21JG1A0221)	Student, Dept.of EEE
8	A.Naga Sai Sri(21JG1A0502)	Student, Dept.of CSE
9	K. Chandhini(323103211032)	Student, Dept.of IT
10	S.Bhanu Kowshitha (21JG1A04A1)	Student, Dept.of ECE



GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN
(Autonomous)
Madhurawada :: Visakhapatnam – 530 048

No.GVPW/GC/08 Date: 21/01/2025

CIRCULAR

1. There will be a Lecture of Mr.Krishna Dheeraj Putrevu, GPU Architecture Engineer, Sr.Silicon Design Engineer, Advanced Micro Devices, Inc. USA the College Auditorium as detailed below:

Topic	:	**"Brief Overview of Chip Design and Opportunities"**
Date & Time	:	**Wednesday the 22nd January, 2025 at 10.00 AM**

2. All the III Year Students are requested to attend the lecture.

PRINCIPAL

To: -

All the III Year Students

Copy to:

1. Secretary, GVP
2. Vice-principal, GVPW
3. All Heads of Departments

} for information please

Event Report Topic on: Expert Talk on innovation Development to Product Fit- Overview of Chip Design and Opportunities

Date & Time: January 22, 2025, 10:00 AM to 12:30 PM

Venue: GVPCEW(A), Auditorium

Gayatri Vidya Parishad College of Engineering for Women (GVPCEW) continues to lead the way in promoting technical excellence and innovation across all its departments. On **January 22, 2025**, the management organized an insightful guest lecture titled **"A Brief Overview of Chip Design and Opportunities"**, delivered by **Mr. Krishna Dheeraj Putrevu**, a **GPU Architecture Engineer** at **AMD USA**. The event was designed to enhance technical knowledge, encourage creative thinking, and build a dynamic academic community among the students. This report provides a comprehensive overview of the key points discussed during the guest lecture, which took place in the college auditorium from **10:00 AM to 12:30 PM** on **January 22, 2025**.

About the Speaker

Mr. Krishna Dheeraj Putrevu, a GPU architecture expert, holds a degree in Electronics and Communication Engineering from NIT Allahabad. He worked as an FPGA Developer at Tejas Networks Limited, Bengaluru, for three years before pursuing a Master's in Computer Engineering at North Carolina State University, USA. Currently, Mr. Dheeraj is a GPU Architecture Engineer at AMD, focusing on ray tracing subsystems for graphics GPUs, impacting products like Sony PlayStation, Microsoft Xbox, and AMD Radeon GPUs. Passionate about electronics and computer science, he actively shares his knowledge, making him a valuable speaker in both academic and professional circles**.**

Overview of the Guest Lecture

The lecture focused on the comprehensive process of chip design, offering students a step-by-step walkthrough from the initial concept to the final product. Mr. Dheeraj explained the stages in a clear and engaging manner, making the complex field of chip design both approachable and interesting.

1. Understanding the Problem

The first step in chip design is **understanding the problem** the chip aims to solve. Mr. Dheeraj discussed the following:

- Identifying the Need
- Market Research and Competitive Analysis Defining the Problem Statement

2. Architecture of the Chip

After identifying the problem, the next stage is developing the **architecture** of the chip:

- High-Level Architecture

- Feasibility and Risk Assessment

3. Sponsorship and Funding

After the architecture is set, obtaining **funding** and **sponsorship** is often essential:

- Identifying Sponsors:
- Business Plan and Proposal Preparation.

4. Digital Design

Once funding is secured, the next phase is **digital design**, where designers create the chip's architecture in **hardware description languages (HDLs)** like **Verilog** or **VHDL**

5. Design Verification

After the digital design is created, the next step is to verify it thoroughly:

- Simulation and Emulation
- Reliability Testing.
- Debugging.

6. Physical Design

Once the digital design is verified, the next phase is **physical design**, where the design is translated into a physical layout:

- Floorplanning and Placement.
- Routing.
- Manufacturability and Yield.

7. PCB Design

In the **PCB design** phase, the physical chip is mounted on a **printed circuit board (PCB)**. This involves:

- Designing the PCB Layout.
- Signal Integrity and Testing.

8. Fabrication

The final step in the chip design process is **fabrication**:

- Semiconductor Fabrication
- Testing the Fabricated Chip.
- Quality Control.

Student Engagement

Approximately **120 students** from the **ECE, IT, and CSE** third-year classes, across different sections, attended the lecture. A few of them interacted directly with the speaker during the session.The guest lecture was met with great enthusiasm from the students, who actively engaged with Mr. Dheeraj throughout the session. His clear explanations, coupled with his passion for the subject, inspired students to ask insightful questions and explore further into the field of chip design. The interactive nature of the lecture motivated students to think critically about the practical aspects of chip design and its potential in shaping future technologies.

Appreciation and Acknowledgment

We extend our heartfelt gratitude to the management of GVPCEW for organizing this invaluable guest lecture. It was an exceptional opportunity for students to gain firsthand insights from an industry expert. The lecture not only provided an understanding of the **technical aspects** of chip design but also highlighted the **career opportunities** and challenges in the semiconductor industry.

A special thanks to **Mr. Krishna Dheeraj Putrevu** for sharing his expertise and experience with the students. His presentation was both educational and motivational, giving students a clearer view of the vast possibilities within chip design. This lecture has inspired many students to delve deeper into the world of chip design and related fields, sparking new interests and encouraging them to pursue careers in this exciting and evolving domain. The guest lecture was coordinated by Dr. B. Vijaya Lakshmi, Associate Professor in the Department of Electronics and Communication Engineering (ECE) at GVPCEW. We look forward to more such events that will continue to enrich our academic journey

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN (Autonomous)
Madhurawada :: Visakhapatnam – 530048
(Approved by AICTE, New Delhi and Affiliated to Andhra University, Visakhapatnam)
(Accredited by NBA for B.Tech-CSE, ECE, IT and EEE)
Accredited by NAAC with A Grade from 2022-2023 to 2027-2028

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

III Year ECE-2

S.No	Roll No	Name of the student	Signature
1	322103212067	MUTCHAKARLA ANITHA	M. Anitha
2	322103212068	NAGASAI TANMAYI RAJULAPUDI	R.N.S. Tanmayi
3	322103212069	NAGIREDLA ARUNACHITTITHALLI	N. Arunna
4	322103212070	NEKKALLA NIHARIKA	N. Niharika
5	322103212071	PALAKA INDU	
6	322103212072	PALLA ALEKYA	P Alekya
7	322103212073	PATUJI HARIKA	
8	322103212074	PENNADA MAHA LAKSHMI	
9	322103212075	POTHALA KUMARI	Kumari
10	322103212076	POTHANAPALLI POOJITHA	
11	322103212077	POTNURU ANKITHA	
12	322103212078	POTUPUREDDY DEEPIKA	
13	322103212079	PRANATHI MATTAPARTHY	M. Pranathi
14	322103212080	PULUSU KALPANA	P. Kalpana.
15	322103212081	RAJA SAI TEJASWI KAMBALA	K.R.S. Tejaswi
16	322103212082	RAPARTI SRI YESASVI	R. Yesasvi
17	322103212083	RAVIPATI KIRANMAYI	Kiran
18	322103212084	REESU CHANDINI	R. Chandini.
19	322103212085	RONGALI MOUNIKA	R. mounika.
20	322103212086	ROUTHU PAVITHRA	Routhu Pavithra
21	322103212087	SABBAVARAPU RISHITA	Rishita
22	322103212088	YALLA RUPEKSHITHA	Rupekshitha
23	322103212089	SASAPU SHIVARANJANI	

24	322103212090	SHAIK HAZRAM BEEBI	Sk. hazrambeebi
25	322103212091	SHAIK SYED BIBI	
26	322103212092	SIMHADRI ANJALI	S. Anjali
27	322103212093	SUNKARA KSHANDINI KEERTHI	S. K. Kshandini Keerthi
28	322103212094	TALLAPU GOWRI DURGA	T. Gowri Durga
29	322103212095	TEDLAPU GNANESWARI PRASANNA	
30	322103212096	TIPPANA MEGHANA	T. Meghana.
31	322103212097	YEDURU HARSHITHA REDDY	
32	322103212098	UNGATI KUSUMA	
33	322103212099	UPPULURI DHANA SRI	U. Dhana Sri
34	322103212100	USU PAVANI	U. Pavani
35	322103212101	VARSHA SRI LABBA	Varsha Sri. L.
36	322103212102	VARSHINI SARANYA CHILLA	Varshini C
37	322103212103	CHELLUBOINA MANASA SWAROOPA	Ch. Manasa.
38	322103212104	ELAPANDA VANITHA	E. Vanitha
39	322103212105	GEETHIKA GUDALA	G. Geethika
40	322103212106	GOJJA KAVYA SRI	G. Kavyasri
41	322103212107	GUNDU LAVANYA	
42	322103212108	JAVVADI GEETHANJALI	J. Geethanjali
43	322103212109	KALYANAPU JOSHNA	K. Joshna
44	322103212110	KANDIPUDI BHARATHI	K. Bharathi
45	322103212111	LAKKOJU NAGA SOWJANYA	L. Sowjanya.
46	322103212112	MADDI ASHWINI REDDY	
47	322103212113	MOHAMMAD AZIZA PARVEEN	MD. Aziza Parveen
48	322103212114	PAPPALA SRIVANI	
49	322103212115	PENMETSA HARI AKSHAYA VARMA	P. Akshaya
50	322103212116	PONNADA VASUNDHARA	P. Vasundhara

51	322103212117	SEEMA VIJAYA LAKSHMI	S. Vijaya lakshmi
52	322103212118	SOOLA MEGHANA SESHA KUMARI	S. Meghana
53	322103212119	CHIPPADA SADVIKA	Ch. Sadvika
54	322103212120	KONATHALA JAYA TULASI	K. Jaya Tulasi
55	322103212121	KOMMOJU JYOTHSNA SAVITHRI	K. Jyothsna
56	322103212122	PASAGADUGULA NIKITHA	P. Nikitha
57	322103212123	KADUPUKUTLA PARDHAVI	K. Pardhavi
58	322103212124	DEVARAKONDAVENKATARAGHAVENDRA APARNA	D.V.R. Aparna
59	322103212125	RAJAMAHENDRAVARAPU MOUNIKA	R. Mounika
60	322103212126	MAKIREDDI SUNEETHA	M. Suneetha
61	322103212127	DOLA ANJANA SOWMYA SREE	
62	322103212128	NAGAVARAPU VIJAYA SREE	

Name & Signature of the faculty

HOD-ECE

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN (Autonomous)
Madhurawada :: Visakhapatnam – 530048
(Approved by AICTE, New Delhi and Affiliated to Andhra University, Visakhapatnam)
(Accredited by NBA for B.Tech-CSE, ECE, IT and EEE)
Accredited by NAAC with A Grade from 2022-2023 to 2027-2028

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Guest Lecture

Topic: Brief Overview of Chip Design and Opportunities by
Mr.Krishna Dheeraj Putrevu, GPU Architecture Engineer,
Sr.Silicon Design Engineer, Advanced Micro Devices, Inc.USA

Date: 22-1-2025
Section: III ECE 1 & 2 Time:10 AM to 11 AM

S.No	Roll No	Name of the student	Signature
1	322103212001	ATUKULA MONIKA	
2	322103212002	AYYALA SOMAYAJULA VENKATA SAI AKHILA	A. Akhila
3	322103212003	BADAMPUDI ANU SAHITHI	
4	322103212004	BALIVADA SWARNALATHA	
5	322103212005	BANTU SADHVIKA	
6	322103212006	BELLANA SUSMITHA	
7	322103212007	BODDEDA RENUKA	
8	322103212008	BONU SRAVANI	
9	322103212009	BUDI JEEVANA JYOTHI	
10	322103212010	CHAGANTI BHASKARA NAGA DEVI SRI	
11	322103212011	CHALUMURI SRIVANI	
12	322103212012	CHINNALA SIVA LAKSHMI	Ch. Siva Lakshmi
13	322103212013	CHOWTIPALLI KUMARI RAMYA	Ch. Kumari Ramya
14	322103212014	DARRU BHAGYA SRI	D. Bhagya sri
15	322103212015	DASAMANTHARAO DEEPTHI	D. Deepthi
16	322103212016	DASARI SOWJANYA	D. Sowjanya.
17	322103212017	DEVARAPALLI DEEPTHI	
18	322103212018	V NAGA CHANDRA VISALAKSHI	V. N. C. Visalakshi
19	322103212019	DODLA ASRITHA	D. Asrithg

20	322103212020	DONKADA RADHIKA	
21	322103212021	DUMPALA JHANSI	D. Jhansi
22	322103212022	DUNNA NAVYASRI	D. Navya Sri
23	322103212023	DUNNA USHASRI	D. Usha Sri
24	322103212024	DURGASI HIMAKALYANI	D. Himakalyani
25	322103212025	EARLE PRANEETHA	
26	322103212026	ELIPE PALLAVI	
27	322103212027	GANGAVARAPU ASHRITHA	G. Ashritha
28	322103212028	GANIVADA HEMALATHA	G. Hemalatha
29	322103212029	GANTA MOUNIKA	G. Mounika
30	322103212030	GANTHAKORA MEGHANA	
31	322103212031	GEMBALI DHARANI	G. Dharani
32	322103212032	GOLLU HEMA LIKHITA	G. Hemalikhitha
33	322103212033	GOMPA VARAHA VENKATA RAMANA SRI	G.V.V. Ramana Sri
34	322103212034	GUDIPATI ALIMABI	G. Alimabi
35	322103212035	HIMAVARSHINI SARIKONDA	S. Hima
36	322103212036	IPPILI AKSHAYA	
37	322103212037	JAGANA SOWJANYA	J. Soujanya
38	322103212038	JAMMANA GAYATRI	J. Gayathri
39	322103212039	JYOTHULA HARSHITHA	
40	322103212040	KAMAKA NISSI NIHARIKA	
41	322103212041	KAMBALA RAJESWARI	
42	322103212042	KANCHARAPU YASASWINI	K. Yasaswini
43	322103212043	KANDRAPU NIKITHA	K. Nikitha
44	322103212044	KANITHI APARNA	
45	322103212045	KATUMURI VENKATA SAI MEGHANA	K. Meghana
46	322103212046	KELLA GAYATRI	K. Gayatri
47	322103212047	KOLLI HASWITHA	K. Haswitha

48	322103212048	KOLUKULURI MANASWINI	K. Manaswini
49	322103212049	KOMMINENI PARIMILA DEVI	
50	322103212050	KONA NAVATHI	K. Navathi
51	322103212051	KONCHADA LAVANYA	K. Lavanya
52	322103212052	KOPPAKA VASANTHA	K. Vasantha
53	322103212053	VESALAPU PAVANI SRI	
54	322103212054	KORADA VASUNDHARA	K. Vasundhara
55	322103212055	KORNU TEJOVATHI	K. Tejovathi
56	322103212056	K SWATHI AASRITHA ROOPA SHARMIKA	K.S.A.R.Sharmika
57	322103212057	LOGISA NIHARIKA	L. Niharika
58	322103212058	MADABATHULA NIVEDITHA	
59	322103212059	MAMIDI BHARGAVI	
60	322103212060	MANIMI CHANDINI	M. Chandini
61	322103212061	MANKU SARANYA DEVI	
62	322103212062	MEESALA JAHNAVI	M. Jahnavi
63	322103212063	MEESALA SIRISHA	M. Sirisha
64	322103212064	MUDADLA CHANDANA	M. Chandana
65	322103212065	MUDDADA MOUNIKA	M. Mounika
66	322103212066	MULLAPUDI POORNA VIJAYA	M. poorna vijaya

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN
Kommadi, Madhurawada, Visakhapatnam - 530 048
(Approved by AICTE, New Delhi, Affiliated to Andhra University, Visakhapatnam)
(Accredited by National Board of Accreditation [NBA] for B.Tech CSE, ECE and IT - valid from 2019-22 and 2022-25)
(Accredited by National Board of Accreditation[NBA] for B.Tech EEE valid from 2023-24 to 2025-2026)
(Accredited by National Assesment and Accreditation Council [NAAC] with A Grade- valid from 2022-27)
(Phone: +91-891-2739144, 2739124, 2719125, 2719127 Email Id: gvpcew@gmail.com , info@gvpcew.ac.in)
EAPCET Code GVPW

DEPARTMENT OF INFORMATION TECHNOLOGY

III - IT

Sl.No.	Roll.No.	Name of the Student	Signature
1	322103211001	AMULOJU KANAKA MAHA LAKSHMI	
2	322103211002	BASIGANA SIRISHA	B. Sirisha
3	322103211003	BEVARA USHA SREE	B. Usha
4	322103211004	BOKKA SWATHI	B. Swathi
5	322103211005	BURIDI JYOTSHNA	B. Jyotshna
6	322103211006	CHEKKA TEJA DHANA VARSHINI	Ch. Teja
7	322103211007	CHINTHADA RISHITHA	
8	322103211008	DANNINA HYMA	D. Hyma
9	322103211009	DARAPU ARCHANA	
10	322103211010	DODDE PRATHIBHA JYOTHI	
11	322103211011	DONKADA KALYANI	D. Kalyani
12	322103211012	GADAM MALAVIKA	G. Malavika
13	322103211013	GANDAMANI YOGITHA	G. Yogitha
14	322103211014	GANDI SINDHU PRANATHI	G. Sindhu Pranathi
15	322103211015	GARBHAPU SONIA	G. Sonia
16	322103211016	GEDELA MANASA	G. Manasa
17	322103211017	GOLLAVILLI SWATHI	G. Swathi.
18	322103211018	GONDELA SAMPADA	G. Sampada
19	322103211019	GURUGUBELLI TANUJA	G. Tanuja
20	322103211020	INDUGU SOWMYA	I. Sowmya
21	322103211021	KAIBADI SOUJANYA	K. Soujanya
22	322103211022	KAKARALA SRI LAKSHMI MADALASA	K. S. L. Madalasa.
23	322103211023	KAKUMANI SNEHALALITHA	
24	322103211024	KAPUGANTI SANJANA	K. Sanjana
25	322103211025	KARRI SAI MANASA	K. Sai manasa
26	322103211026	KOCHERLA SHREYA	K. Shreya.
27	322103211027	KUKKALA LIKHITA	K. Likitha
28	322103211028	LANKA POOJA	L. Pooja
29	322103211029	MANEPALLI VAGDEVI	M. Vagdevi
30	322103211030	MARRAPU DEVIKA	M. Devika
31	322103211031	MEESALA YAMINI SARASWATHI	M. Yamini
32	322103211032	MYLAPALLI SATYA PRIYANKA	M. satya priyanka
33	322103211033	NAGA VENKATA VARDHINI RUDRA	
34	322103211034	NAGABATHULA BHUVANA KRUTHI	N. Bhuvana.
35	322103211035	NAGULAPALLI S V A SAHITHI ISWARYA	N. Iswarya.
36	322103211036	PAKALAPATI VENKATA SANJANA	P. V. Sanjana.
37	322103211037	VAJRAPU SUNANDHA MANI	V. Sunandha Mani.
38	322103211038	PATTA BHAVANI	P. Bhavani
39	322103211039	PEDDINTI PADMINI	P. Padmini
40	322103211040	PEDDIRSI SWATHI	P. Swathi.
41	322103211041	POLISETTY THANU SREE	P. Thanusree.
42	322103211042	PRIYA AGRAWAL	Priya Agarwal.
43	322103211043	SANAGAPALLI KEERTHANA	S. Keerthana.


Gayatri Vidya Parishad
College of Engineering for Wo
Motivation
Motivation

Gayatri Vidya Parishad College of Engineering for Women
(Autonomous)
KOMMADI, MADHURAWADA, VISAKHAPATNAM-530048
(APPROVED BY AICTE, NEW DELHI, AFFILIATED TO ANDHRA UNIVERSITY, VISAKHAPATNAM)
(ACCREDITED BY NBA FOR B.TECH CSE, ECE AND IT – VALID FROM 2019-22 AND 2022-25)
(ACCREDITED BY NBA FOR B.TECH EEE VALID FROM 2023-24 TO 2025-2026)
(ACCREDITED BY NAAC WITH A GRADE – VALID FROM 2022-27)
(Phone: +91-891-2739144,2739124, 2719125, 2719127 Email Id: gvpcew@gmail.com, Info@gvpcew.ac.in)

Inauguration of IP UTSAV and Celebration of World Creativity and Innovation Day

The Institute Innovation Council (IIC), GVPCEW, organized the Inauguration of IP Utsav and Celebration of World Creativity and Innovation Day on 21st April 2025 (Monday). The event was conducted in online mode from 11:30 AM to 01:00 PM. A total of 50 students from CSE Section-1 attended the session in Room No. 101.

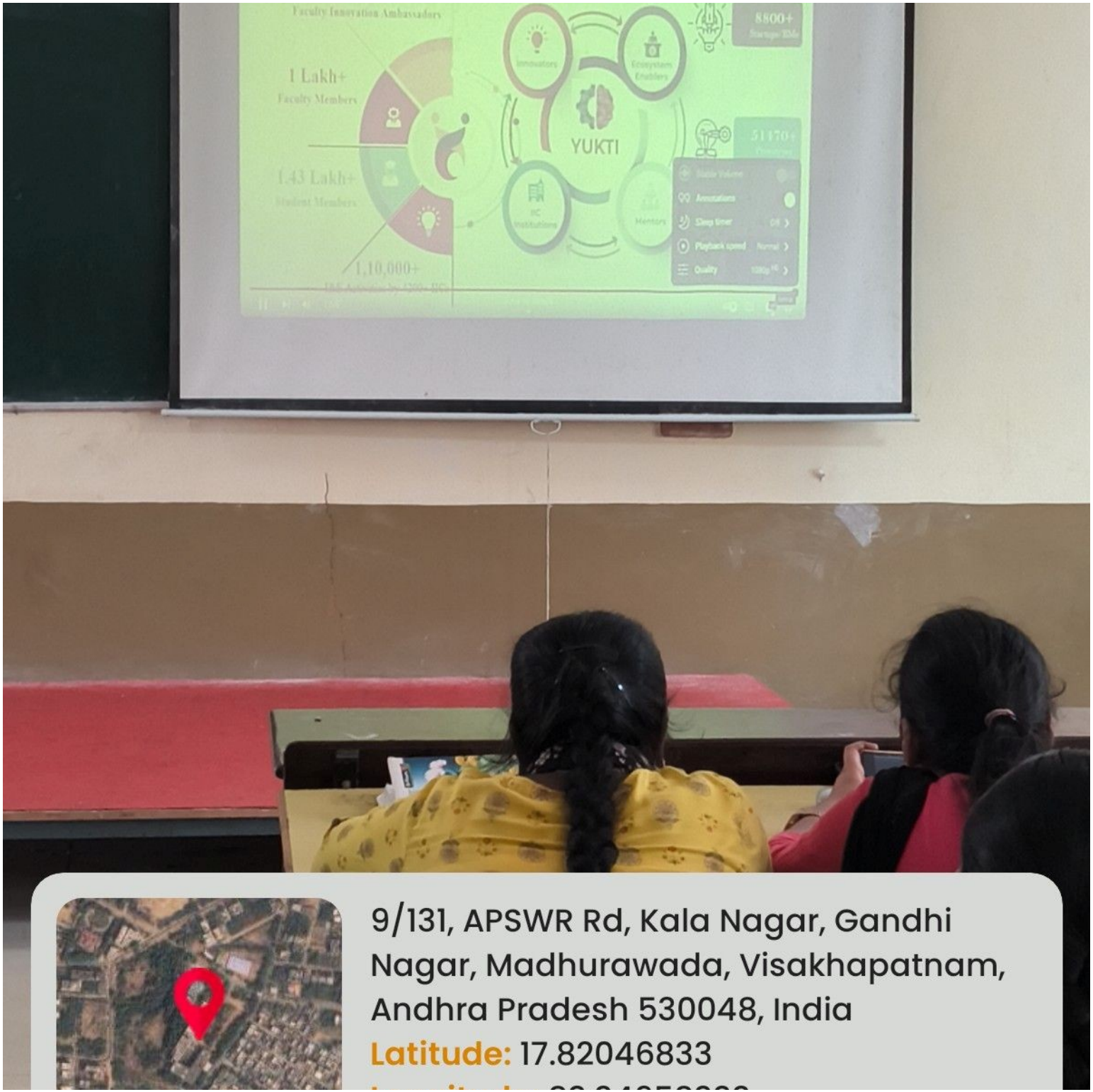
The program formally marked the beginning of IP Utsav 2025, a week-long series of awareness sessions on Intellectual Property Rights (IPRs). The inauguration highlighted the global importance of World Creativity and Innovation Day, emphasizing the role of creativity as the foundation of innovation and entrepreneurship.

During the session, speakers enlightened students on the strategic importance of intellectual property in protecting innovations and fostering a culture of research and development. The inauguration also outlined the schedule of subsequent events under IP Utsav, which aim to strengthen awareness on patents, copyrights, design registrations, and related aspects of IP.

The event successfully inspired students to view creativity not just as an academic exercise but as a valuable resource that, when protected and nurtured, contributes to technological growth and national development.

Salient Features of the Event

- Formal launch of IP Utsav 2025.
- Celebration of World Creativity and Innovation Day with students.
- Insights on the value of intellectual property in innovation.
- Orientation on the week-long IP Utsav program schedule.
- Motivation for students to engage in creative problem-solving and entrepreneurial thinking.



9/131, APSWR Rd, Kala Nagar, Gandhi Nagar, Madhurawada, Visakhapatnam, Andhra Pradesh 530048, India

Latitude: 17.82046833

Gayatri Vidya Parishad College of Engineering for Women
(Autonomous)
KOMMADI, MADHURAWADA, VISAKHAPATNAM-530048
(APPROVED BY AICTE, NEW DELHI, AFFILIATED TO ANDHRA UNIVERSITY, VISAKHAPATNAM)
(ACCREDITED BY NBA FOR B.TECH CSE, ECE AND IT – VALID FROM 2019-22 AND 2022-25)
(ACCREDITED BY NBA FOR B.TECH EEE VALID FROM 2023-24 TO 2025-2026)
(ACCREDITED BY NAAC WITH A GRADE – VALID FROM 2022-27)
(Phone: +91-891-2739144,2739124, 2719125, 2719127 Email Id: gvpcew@gmail.com, Info@gvpcew.ac.in)

Discover More with Design Registrations: Masterclass on Patents and Design Registration

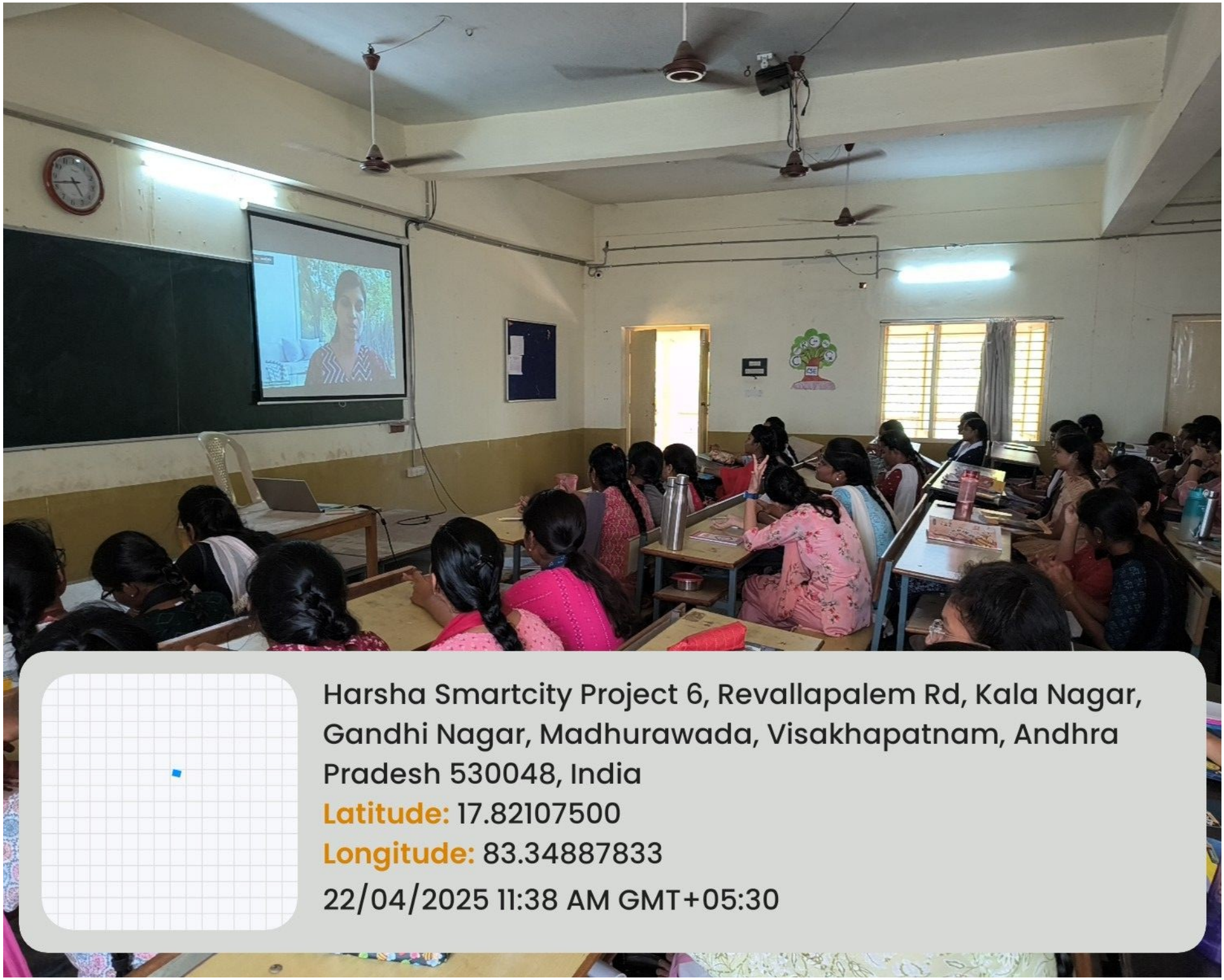
The Institute Innovation Council (IIC), GVPCEW, organized an offline session on "Discover More with Design Registrations: Masterclass on Patents and Design Registration" on 22nd April 2025 (Tuesday) from 11:30 AM to 01:00 PM as part of the IP Utsav celebrations. A total of 54 students from CSM Section-1 attended the session in Room No. 221.

The resource person for the event was Dr. B.K. Chakravarthy, Dean, School of Design Innovation, Mahindra University, who delivered an insightful talk on the importance of design registration, the process of filing, and how design innovations can be protected under patent and design laws. He highlighted real-time case studies where design registrations played a crucial role in safeguarding innovations and enabling commercialization.

Salient Features of the Event

- Focused on the significance of design registration in protecting innovations.
- Provided practical insights with real-life case studies.
- Explained the procedure for filing patents and design registrations.
- Interactive Q&A session that encouraged student participation.
- Strengthened awareness of IP rights and their role in innovation and entrepreneurship.

The session was highly engaging, interactive, and informative, helping students gain awareness of intellectual property rights, particularly in the domains of patents and design registrations. Students actively participated in the discussion and clarified their doubts, making the session impactful and knowledge-enriching.



Harsha Smartcity Project 6, Revallapalem Rd, Kala Nagar, Gandhi Nagar, Madhurawada, Visakhapatnam, Andhra Pradesh 530048, India

Latitude: 17.82107500

Longitude: 83.34887833

22/04/2025 11:38 AM GMT+05:30

Gayatri Vidya Parishad College of Engineering for Women
(Autonomous)
KOMMADI, MADHURAWADA, VISAKHAPATNAM-530048
(APPROVED BY AICTE, NEW DELHI, AFFILIATED TO ANDHRA UNIVERSITY, VISAKHAPATNAM)
(ACCREDITED BY NBA FOR B.TECH CSE, ECE AND IT – VALID FROM 2019-22 AND 2022-25)
(ACCREDITED BY NBA FOR B.TECH EEE VALID FROM 2023-24 TO 2025-2026)
(ACCREDITED BY NAAC WITH A GRADE – VALID FROM 2022-27)
(Phone: +91-891-2739144,2739124, 2719125, 2719127 Email Id: gvpcew@gmail.com, Info@gvpcew.ac.in)

Copy That! Copyrights Uncovered: Masterclass on Copyrights

Organized by:
Institute Innovation Council (IIC), GVPCEW in association with Ministry of Education Innovation Cell

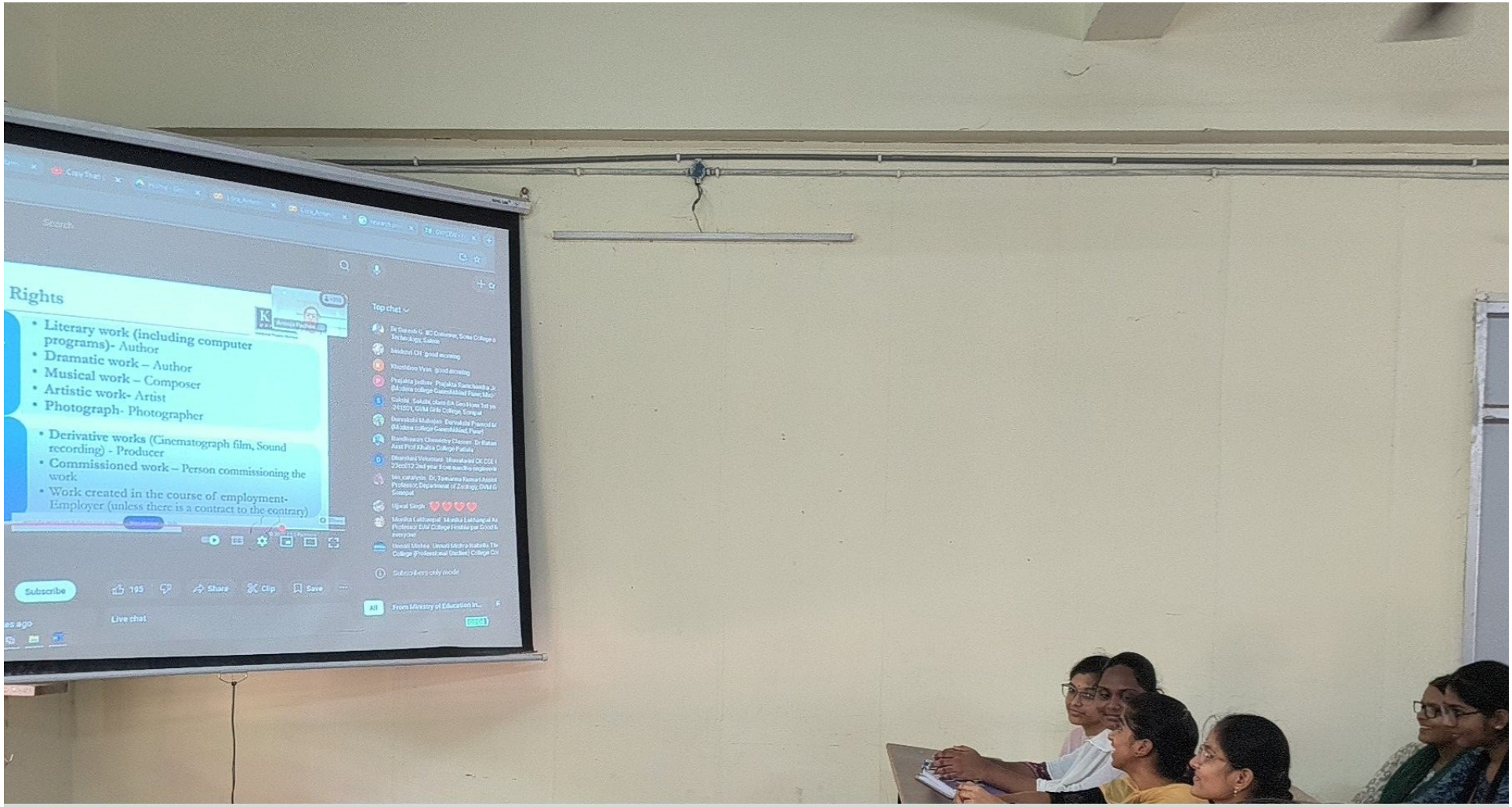
Date & Time:
23rd April 2025 (Wednesday), 11:30 AM – 01:00 PM
Venue:
Room No. 116, GVPCEW Campus
Resource Persons:

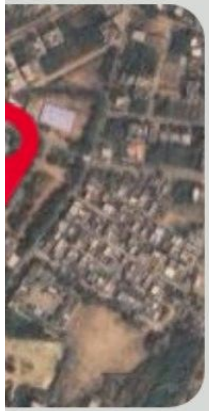
- **Ms. Anooja Padhee**, Partner at K&S Partners, IP Attorneys
- **Dr. Hemant Khosla**, Senior Examiner of Trademarks (TM), DPIIT, Ministry of Commerce and Industry, Government of India

Objective of the Event:
The session aimed to provide a comprehensive understanding of copyright law, its scope, and its relevance in protecting creative and intellectual works. It was organized as part of IP Utsav held from 21st to 26th April 2025.
Event Description:
The Institute Innovation Council (IIC), GVPCEW conducted a session on Copy That! Copyrights Uncovered: Masterclass on Copyrights under the Ministry of Education Innovation Cell's IP Utsav 2025. The expert speakers, Ms. Anooja Padhee and Dr. Hemant Khosla, delivered a detailed lecture on the fundamentals of copyrights, their role in protecting literary, artistic, and digital works, and the challenges in enforcing copyright laws in the digital era. The session also covered the difference between copyrights, patents, and trademarks, making the concepts clear to the students.
Key Highlights:

- Fundamentals of copyright and its scope of protection.
- Importance of copyrights in safeguarding creative and digital content.
- Legal framework and enforcement mechanisms in India.
- Distinction between copyrights, patents, and trademarks.
- Real-world case discussions on copyright infringement.

Outcome of the Event:
The session helped students gain clarity on copyright laws and their importance in protecting creative works. It also motivated participants to be mindful of intellectual property rights when creating original content.
Conclusion:
The event was successfully conducted in Room No. 116 with active participation from 54 students of 2nd Year ECE, Section–1. It provided a strong foundation on copyright protection and aligned with the objectives of IP Utsav 2025.





9/130, APSWR Rd, Kala Nagar, Gandhi Nagar, Madhurawada, Visakhapatna
Andhra Pradesh 530048, India

Latitude: 17.82062167

Longitude: 83.34902500

23/04/2025 11:43 AM GMT+05:30

Gayatri Vidya Parishad College of Engineering for Women
(Autonomous)
KOMMADI, MADHURAWADA, VISAKHAPATNAM-530048
(APPROVED BY AICTE, NEW DELHI, AFFILIATED TO ANDHRA UNIVERSITY, VISAKHAPATNAM)
(ACCREDITED BY NBA FOR B.TECH CSE, ECE AND IT – VALID FROM 2019-22 AND 2022-25)
(ACCREDITED BY NBA FOR B.TECH EEE VALID FROM 2023-24 TO 2025-2026)
(ACCREDITED BY NAAC WITH A GRADE – VALID FROM 2022-27)
(Phone: +91-891-2739144,2739124, 2719125, 2719127 Email Id: gvpcew@gmail.com, Info@gvpcew.ac.in)

Mark the Spot: Trademarks Talk

Organized by:

Institute Innovation Council (IIC), GVPCEW in association with Ministry of Education Innovation Cell

Date & Time:

24th April 2025 (Thursday), 11:30 AM – 01:00 PM

Venue:

Room No. 101, GVPCEW Campus

Resource Person:

Dr. Rahul Taneja, Scientist, Directorate of Science and Technology, Government of Haryana

Objective of the Event:

The session aimed to create awareness among students about the importance of trademarks, their legal aspects, and their role in protecting brand identity. It was conducted as part of IP Utsav organized from 21st to 26th April 2025.

Event Description:

The Institute Innovation Council (IIC), GVPCEW organized a session on Mark the Spot: Trademarks Talk under the Ministry of Education Innovation Cell's IP Utsav 2025. The resource person, Dr. Rahul Taneja, delivered an insightful lecture on the fundamentals of trademarks, their significance in business and innovation, and the process of registration and enforcement. He highlighted case studies where trademarks played a vital role in brand recognition and protection. Students gained exposure to the strategic value of trademarks in entrepreneurship and innovation.

Key Highlights:

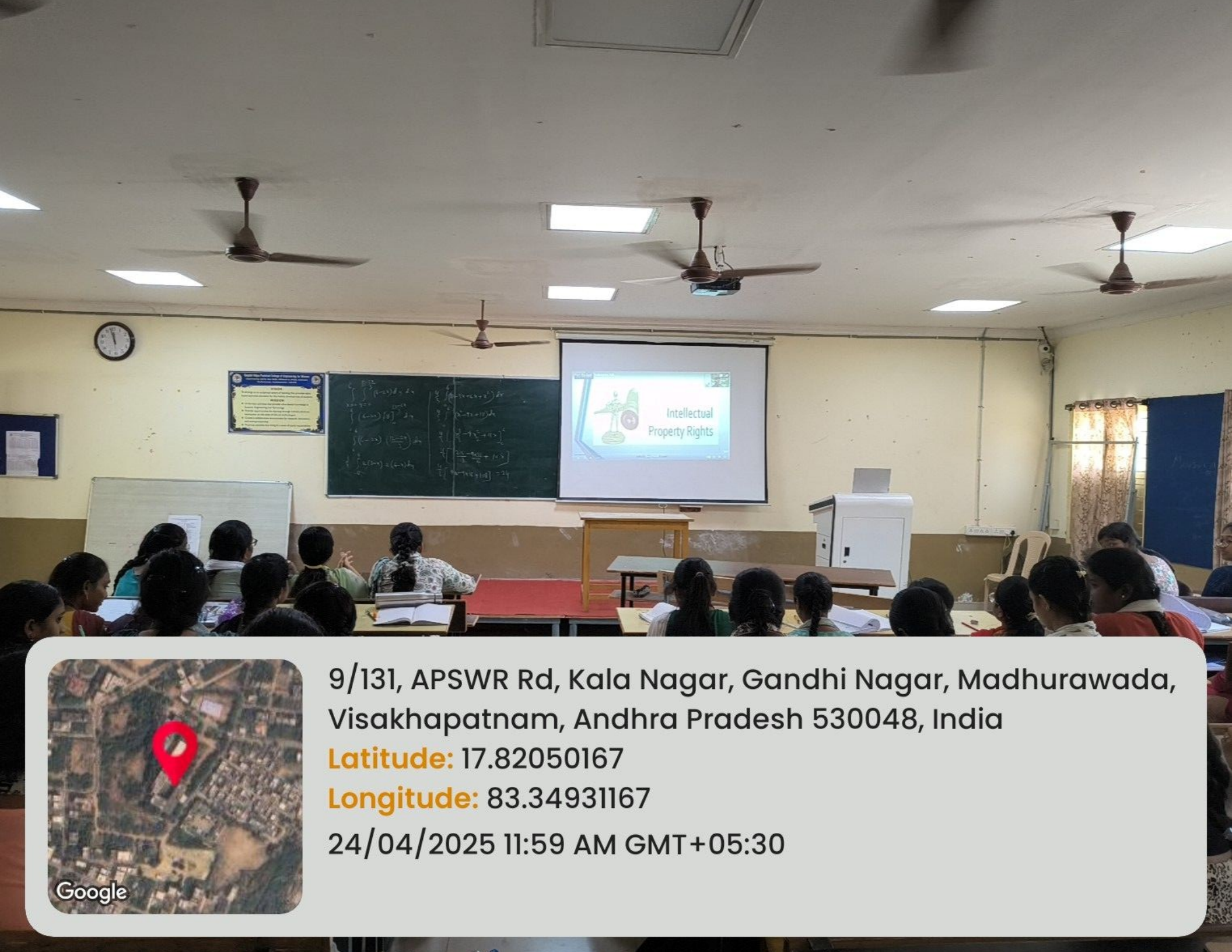
- Introduction to trademarks and their types.
- Importance of trademarks in protecting brand identity.
- Trademark registration process and legal aspects.
- Case studies illustrating the role of trademarks in business success.

Outcome of the Event:

The session improved students' understanding of the role of trademarks in innovation and entrepreneurship. It motivated participants to explore how IP protection extends beyond patents to include brand value and market differentiation.

Conclusion:

The event was successfully conducted in Room No. 101 with active participation from 53 students of 2nd Year CSE, Section–1. It provided valuable insights into trademark protection, aligning with the objectives of IP Utsav 2025.



9/131, APSWR Rd, Kala Nagar, Gandhi Nagar, Madhurawada, Visakhapatnam, Andhra Pradesh 530048, India

Latitude: 17.82050167

Longitude: 83.34931167

24/04/2025 11:59 AM GMT+05:30

Gayatri Vidya Parishad College of Engineering for Women
(Autonomous)
KOMMADI, MADHURAWADA, VISAKHAPATNAM-530048
(APPROVED BY AICTE, NEW DELHI, AFFILIATED TO ANDHRA UNIVERSITY, VISAKHAPATNAM)
(ACCREDITED BY NBA FOR B.TECH CSE, ECE AND IT – VALID FROM 2019-22 AND 2022-25)
(ACCREDITED BY NBA FOR B.TECH EEE VALID FROM 2023-24 TO 2025-2026)
(ACCREDITED BY NAAC WITH A GRADE – VALID FROM 2022-27)
(Phone: +91-891-2739144,2739124, 2719125, 2719127 Email Id: gvpcew@gmail.com, Info@gvpcew.ac.in)

Significance of IP Protection and Commercialization

Date & Time:
25th April 2025 (Friday), 11:30 AM – 01:00 PM, Online Mode

Organized by:
Institute Innovation Council (IIC), GVPCEW in association with Ministry of Education Innovation Cell

Resource Person:
Dr. Sripati Rao Kulkarni, Principal Scientist, CSIR, India

Objective of the Event:

The session aimed to create awareness about the importance of Intellectual Property (IP) protection and its role in commercialization. It was organized as part of IP Utsav held from 21st to 26th April 2025.

Event Description:

The Institute Innovation Council (IIC), GVPCEW organized an online session on Significance of IP Protection and Commercialization under the Ministry of Education Innovation Cell's IP Utsav 2025. The distinguished resource person, Dr. Sripati Rao Kulkarni, Principal Scientist, CSIR, India, delivered an insightful talk highlighting the growing importance of IP in fostering innovation and entrepreneurship. He elaborated on various aspects of IP rights, patent filing procedures, challenges in IP management, and the pathways for commercialization of research outcomes.

Key Highlights:

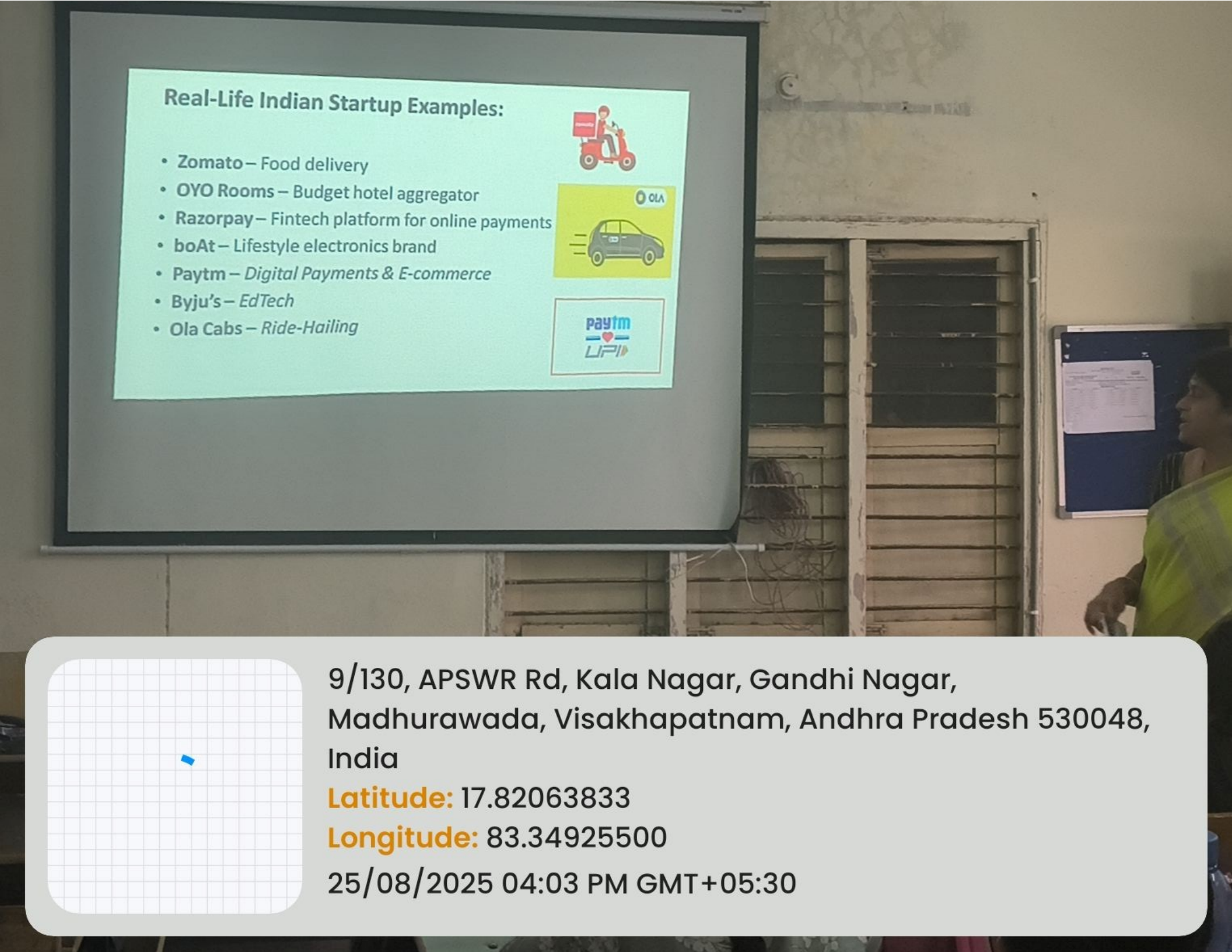
- Importance of safeguarding intellectual property in research and innovation.
- Overview of patent filing procedures and legal aspects.
- Strategies for successful commercialization of IP in India.
- Role of students and young innovators in strengthening the IP ecosystem.

Outcome of the Event:

The session enhanced students' understanding of intellectual property rights, patenting process, and commercialization opportunities. It motivated participants to value innovation, protect their creative work, and explore entrepreneurial pathways.

Conclusion:

The event was successfully conducted with active participation from 53 students of 2nd Year ECE, Section–1. It provided valuable insights into IP protection and its relevance to innovation-driven growth, aligning with the objectives of IP Utsav 2025.



9/130, APSWR Rd, Kala Nagar, Gandhi Nagar, Madhurawada, Visakhapatnam, Andhra Pradesh 530048, India

Latitude: 17.82063833

Longitude: 83.34925500

25/08/2025 04:03 PM GMT+05:30

Gayatri Vidya Parishad College of Engineering for Women
(Autonomous)
KOMMADI, MADHURAWADA, VISAKHAPATNAM-530048
(APPROVED BY AICTE, NEW DELHI, AFFILIATED TO ANDHRA UNIVERSITY, VISAKHAPATNAM)
(ACCREDITED BY NBA FOR B.TECH CSE, ECE AND IT – VALID FROM 2019-22 AND 2022-25)
(ACCREDITED BY NBA FOR B.TECH EEE VALID FROM 2023-24 TO 2025-2026)
(ACCREDITED BY NAAC WITH A GRADE – VALID FROM 2022-27)
(Phone: +91-891-2739144,2739124, 2719125, 2719127 Email Id: gvpcew@gmail.com, Info@gvpcew.ac.in)

Patent to Product (Srujanta Se Samrudhi)

Organized by:

Institute Innovation Council (IIC), GVPCEW in association with Ministry of Education Innovation Cell

Date & Time:
26th April 2025 (Saturday), 11:30 AM – 01:00 PM, Online Mode

Resource Persons:

- **Dr. Dara Ajay**, Head – Technology Transfer Office, IP Management Cell, IIT Madras
- **Sh. Jai Veer**, Assistant Controller of Patents & Designs, Ministry of Commerce and Industry, Government of India

Objective of the Event:

The session aimed to highlight the process of transforming patents into marketable products and to emphasize the role of intellectual property in innovation-driven growth. It was organized as part of IP Utsav held from 21st to 26th April 2025.

Event Description:

The Institute Innovation Council (IIC), GVPCEW conducted an online session on Patent to Product (Srujanta Se Samrudhi) under the Ministry of Education Innovation Cell's IP Utsav 2025. The resource persons, Dr. Dara Ajay and Sh. Jai Veer, shared their expertise on the transition of patented research into commercially viable products. Dr. Ajay discussed technology transfer mechanisms, industry collaborations, and best practices in IP management from the perspective of academia. Sh. Jai Veer provided insights into the role of the Patent Office in facilitating innovation, IP protection, and the regulatory framework supporting commercialization in India.

Key Highlights:

- Importance of converting patents into practical, market-ready products.
- Insights into technology transfer, licensing, and industry partnerships.
- Patent office procedures and government initiatives supporting innovators.
- Role of academia, researchers, and students in strengthening the IP–innovation ecosystem.

Outcome of the Event:

The session deepened participants' understanding of the innovation-to-market journey. Students gained valuable exposure to the importance of patents beyond research and their role in entrepreneurial growth.

Gayatri Vidya Parishad College of Engineering for Women

(Autonomous)

KOMMADI, MADHURAWADA, VISAKHAPATNAM-530048

(APPROVED BY AICTE, NEW DELHI, AFFILIATED TO ANDHRA UNIVERSITY, VISAKHAPATNAM)

(ACCREDITED BY NBA FOR B.TECH CSE, ECE AND IT – VALID FROM 2019-22 AND 2022-25)

(ACCREDITED BY NBA FOR B.TECH EEE VALID FROM 2023-24 TO 2025-2026)

(ACCREDITED BY NAAC WITH A GRADE – VALID FROM 2022-27)

(Phone: +91-891-2739144,2739124, 2719125, 2719127 Email Id: gvpcew@gmail.com, Info@gvpcew.ac.in)

INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)