

(AUTONOMOUS) **DEPARTMENT OF CYBERSECURITY**

PEC/CIRCULAR/2025

Date: 12-07-2025

CIRCULAR

This is to inform all students that the "ETHICAL HACKING AND CTF" event organized by the Cyber Security Club of the Department of Cyber Security will be held offline on 16-07-2025 at the college campus.

All interested students are requested to attend the session in person, using their names along with their roll numbers, and actively participate in the event.

Faculty Coordinator:

T. Ganga Bhavani - Assistant Professor (HOD, CyberSecurity)

Student Coordinators:

I. Naveen (3rd year CS) A.Raghu Ram(3rd year CS)



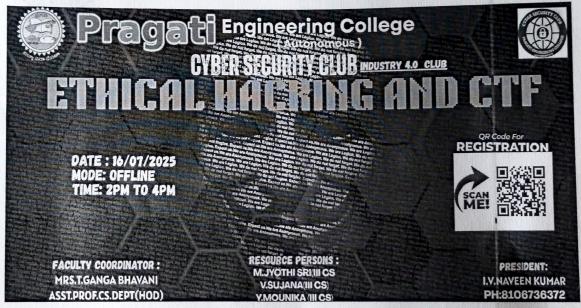
(AUTONOMOUS)
DEPARTMENT OF CYBERSECURITY

CYBERSECURITY CLUB

DATE: 16-07-2025 MODE: OFFLINE

TIME: 2:00 P.M TO 4:00 P.M

Here is the official poster of our Event:



FACULTY CO-ORDINATOR:

T. Ganga Bhavani – (Head Of The Department of CS)

STUDENT CO-ORDINATORS:

- I. Naveen (3rd year CS)
- B. Prabhu Surya (3rd year CS)
- A. Raghu Ram (3rd year CS)
- K. Sai swarup(3rd year CS)
- B. Sai(3rd year CS)
- K. Manideep(3rd year CSE)
- T. Pavani(3rd year CS)
- Y. Vyshnavi (3rd year CS)
- K. Geethika(3rd year CS)
- V. sujana(3rd year CS)
- Y. Mounika(3rd year CS)
- M.Jyothi Sri(3rd year CS



(AUTONOMOUS) DEPARTMENT OF CYBERSECURITY

REGISTRATIONS:

Stude S.NO	nts Registered for event on "ETHICAI Name	Roll Number	Branch	Section	Year of studying	
		23A31A4638	CS	A	3 year	
1	I.v.naveen kumar	24A31A4626	CS	A	2 year 2 year	
2	Divya sree peruri	24A31A43G8	Al	C		
3	Chodi praveen	24A31A05KC	CSE	F	2 year	
4	B. Deshik	23A31A4634	CS	Α	3 year	
5	Boni.Nikhil	24A31A0519	CSE	Α	2 year	
6	Nissi Jacob Bejawada subrahmanya Veera bhushan	24A31A05KG	CSE	F	2 year	
7	N devi	24A35A4605	CS	Α	3 year	
8	Gowtham Sai Satya	24A31A4640	CS	Α	2 year	
10	S.sneha sri	23A31A4618	CS	A	3 year	
11	K.janaki	24A35A4604	CS	Α	3 year	
12	Kumar swamy	24A31A04I2	ECE	С	2 year	
13	Sai Devi Pallavi Bandaru	23A31A1202	IT	Α	3 year	
14	Mohammad Tabassum Parveen	24A31A4385	Al	В	2 year	
15	LAKSHMI CHAITANYA PIDUGU	24A31A1220	IT	Α	2 year	
16	Gandepalli pavan	24a35a1206	IT	Α	3 year	
17	Mery Mamatha Akula	24A31A4601	CS	Α	2 year	
18	Barla Y S V Santhosh Tarakeswarudu	23A31A4629	CS	Α	3 year	
19	Srikantam Sri bharath	24A31A0462	ECE	Α	2 year	
20	Sidratul Zuha Mohammad	24A31A4622	CS	Α	2 year	
21	Padala Sowmya Harshitha	23A31A4612	CS	Α	3 year	
22	Gayatri boddu	24A31A4605	CS	Α	2 year	
23	KOTHA SRI VENKATA MALLIK SRI MOURYA	24A31A43H3	Al	С	2 year	
24	NEELI SRI SATYA SAI GANESH	24A31A43I3	Al	С	2 year	
25	Uppalapu P CH P S SURYA PRAKASHRAO	24a31a4661	CS	Α	, 2 year	
26	PadalaRahul	24A31A43I6	Al	С	2 year 3 year	
27	Surya madhav	24A35A4612	CS	Α		
	K.ABHISHIKTH	24A31A43H4	Al	C	2 year	
28		24A35A4601	CS	Α	3 year	
29	A vyshnavi	24A31A4618	CS	Α	2 year	
30	Pravalika	24A31A05FU	CSE	D	2 year	
31	SHYAM	24A31A05FR	CSE	D	2 year	
32	MUTYAM DHANUSH VENKAT KUMAR	24A31A05GG	_	D	2 year	
3	Yallapu Abhiram		CSE	D	2 yea	
4	Illuri Manikanta	24A31A05FF	-	С	2 yea	
5	Palla sanjay nishanth	24A31A05FS	CSE		2 yea	
6	Charan Kusumanchi	24A31A05FM	-	D	6.11	
7	Vinesh	24a31a05fe	CSE	D	2 yea	
8	Ch Tarunteja	24A31A05EY	CSE	D	2 yea	
9	Ch saran manikanta	24a31a05ex	CSE	D	2 yea	
0	Pasupuleti Vardhini	23A31A4613	CS	Α	3 yea	



(AUTONOMOUS)

	DEPARTMENT OF	CVDEDCECLI	DITY		
4:	DEPARTMENT OF Lakshmi Naga Mounica Appalabhakthula	24A35A4602	CS	A	3 year
4:	2 P.Saivilasini	Saivilasini			
43		24A31A4625	CS	A	2 year 2 year
44	P Vineetha	24A31A4606	CS	A	2 year
45		24A31A4627	CS	A	, 2 year
46	Nihitha Sai Narala	24A31A4608 24A31A4623	CS CS	A	2 year
47	varsinari	24A31A4623 24A31A4662	CS	A	2 year
48	Inti. Chinni	24A31A4613	CS	A	2 year
49	Mosaria Aksilaya	24A31A4619	CS	A	2 year
50	- Cifical Sit likilitila kanaka gani Lakshmi	24a31a1219	IT	A	2 year
51	A Sowmya	23A31A4602	CS	A	3 year
52	standa Harsha Varunan	24A35A4610	CS	A	3 year
53	pe prabriu surya	23a31a4632	CS	A	3 year
54	-1 V. V. S.Challallya	23a31a4630	CS	Α	3 year
55	riacta sai swai up	23A31A4639	CS	Α	3 year
56	. 01323203@gman.com	23A31A4614	CS	Α	3 year
57	G.Rohini Gayathri	23a31a4605	CS	A	3 year
58	Thummalapalli sherly	4621	CS	Α	3 year
59	The control Surface Control Su	23a31a4611	CS	Α	3 year
60	M.L.Supriya	23A31A4609	CS	Α	3 year
61	Sappa Renuka Devi	24A35A4607	CS	A	¹ 3 year
62	Veeralakshmi Bathula	24A35A4603	CS	Α	3 year
63	BH.Manikanta varma	23A31A4631	CS	Α	3 year
64	Pamu.sirisha	24a35a4606	CS	A	3 year
65	A V Satyanarayana	23a31a4624	CS	Α	3 year
66	AASU.PREETHI TARUNI MANI	24A31A0201	EEE	Α	2 year
67	Pragynaa manepalli	24A31A0211	EEE	Α	2 year
68	P Satya Sri Lakshmi	24A31A0215	EEE	Α	2 year
69	G.Anusri	24A31A0206	EEE	Α	2 year
70	Ch.Lakshmi Sri	24A31A0205	EEE	A	2 year
71	Hima sahitya bavisetti	24A31A0202	EEE	A	The state of the s
72	YELURU TEJA	24A31A0260			2 year
73	Keerthi inala	7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	EEE	Α	2 year
		24A31A0207	EEE	Α	2 year
74	Kunche siva siddhu naga ganga sri surya	24A31A0241	EEE	Α	2 year
75	KAKARLAPUDI RAMMURTHIRAJU	24A31A0235	EEE	Α	2 year
76	Jayaram Satya Santosh Nemala	24A31A0247	EEE	Α	, 2 year
77	J komali	24A31A0208	EEE	Α	2 year
78	Nowpada.vijay kumar	24a31a0248	EEE	Α	2 year
79	A.Bhuvaneswari	23A31A4601	1	Α	3 year
80	Nikhitha Chandra kala	23A31A4603		A	
81	S.Chaitanya Kumar	23A31A4647			3 year
82	Subhakar Vallu	24A35A4618		A	3 year
33	Moulika			Α	3 year
	and the control of th	23A31A4607		Α	3 year
84	p.yashwan kumar	24A31A05FT	CSE	D	2 year



(AUTONOMOUS)

DEPARTMENT OF CYBERSECURITY

	DELAKTMENT	23A31A4620	CS	Α	3 year
85	T Ashmitha Sheethal		CSE	D	2 year
86	SHAIK RASHEED	24A31A05FZ		D I	2 year
87	pithani mahesh	24A31A05FW	CSE		2 year
88	K LAKSHMI PHANINDRA	24A31A05FK	CSE	D	And the second
89	D.krishna mahesh	24a31a05fb	CSE	D	2 year
90	THOTA Prabhu Venkat	24a31a05gb	CSE	D	2 year
91	Pariyar seru	24A31A0249	EEE	Α	2 year
92	Shaik Ismail	24A31A05FY	CSE	D	2 year
93	Masthan Ahmed	24A31A43H7	Al	С	2 year
94	Kandhikatla Abenandh suphal	24a31a43a8	Al	В	2 year
95	Yelisetty Nagendra	24A31A4665	CS	Α	2 year
96	Jayaram chappidi	24A31A0431	ECE	A	2 year
97	Pulidindi surya teja	24A31A0251	EEE	Α	2 year
98	K. K. S. S. V Raju	24A31A0239	EEE	A	2 year
99	Akula Sri Puja Ramya Sunitha	24a31a4467	DS	В	2 year
100	Anuradha	24a31a4480	DS	В	2 year



(AUTONOMOUS) DEPARTMENT OF CYBERSECURITY

ATTENDENCE:

We later posted the event link at the time of commencement that we've informed the responses and scores are as follows;



PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF CYBER SECURITY

Topic: Ethical Hacking and CTF
Date: 16/7/25
Club Name: Cub an Security

S. Name of the Stuc	lent Department	Signature
1. A. Preethi	FEE	A. Practhi
2. P. walya	EEE	satio
3. J. Kontali	EEE	romali.
4. G. Ausri	CEE	-Anusy
5. Ch. Lakshmis		Calact Ser
06 d. Kenthi	EEE	Keuthi India
08. M. Bragman	eee.	Tougynool.
08. M. Superiyo.	CS	Suprifa.
9 M. moutika	CS	mauli
10 B. Nikhitha	C3	Colle.
11 J. Ashritha	cs	TARith
12 V. Magywas;	IA	L' sociais
13. K. Meyhana Au	u Sri AI.	Kithers
14. V- Joshika	Na Na	V Joshiba
15. D'Geshika.	AI	D.Geethika
6 P.L. Chairlanga	27	Pt. chaitan
IT TALLA PRAVALL	IKA IT	Transición
18 P. Sri likhitha	IT	P. Sr. Uslika
19 A. Mery Mamatha	CS	D.Muspon
20. K. Pravallika	Cs	K-Provalle-
21. B. Gayatvi	Cs	8 Gayst-
22. I. chinni	cs	7. chinni
3. P. Vineetha	CS	P. Vinerika
4. A. Bhuraneswa		exphon
5. S. RenyKa, Devi		Right
6 T. Phuly	15	13
7. P. Swalow	65	1 2000
28. A. mounica	C 5	A. Maurice
a. N.K. santhoshi	1 (5	N. K. San G
	CS	Veorale As
30 precyalakshmi	(S	Vertige.
si Proodhini		- House
32 lA Vyshravi	CS	- Hylma



(AUTONOMOUS) **DEPARTMENT OF CYBERSECURITY**



PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF CYBER SECURITY

S No	Name of the Student	Department	Signature
33	N. Devi	eyben dewrity	Devi
34	K. Torok.	apper Sountly	-77
35.	A Soumya , , ,	Cyber Sweitlif	4
36.	P. Sowalya Harishitha	Cybes socniety	23-
37.	G. Robini Gayathi	Gles security	1-200-
28	P Ramyasri	Cyber security	P. Konyasti
39.	K. Abhishikth	Araincial Inteller	* Alefaluly
40	V.Sublakar :	Eupler Security	bishlong
41	Gr. Madher	Cyher secusty	Gr. Malhal
1-2	D. Gropi Chand	Cyber Security	P.C.
13	D. Pageeth	Cyber Season	D.P. 190
14	B. Wildhil	Cyber Security	Bly
74	8. manikanta	Cyber occurry	Hari-
46	A.V. Satyanarayana	Cyler Security	AV CHamay
10	B. V. V.S. (Kr. 750x0	Copes secreta	1. Ma Fare
	and Haute Coldian	Colore spourity	- Chargens
19	N.J.S.Santosh	EEF	N.T.S. Santos
50	K. S. S. N. G. ST, G4740	TEEF	k.s.s. N. 9. 5 - Surya
51.	Y. Teja	EEE	Y-Teia
		USE	747
52.	KB KA	CS€	1257511
53	B. Delik		133 7 5 7 7
54	Ch. Shyam Sundar	CSF-AI	Chu Ilujam ann
25	Md-J Maithan	CSE-AD	Md Mada
6.	A.V. Satymarayana	CSE-CS	-A.V. Selylanaraya
	S.v.v.5 Challanga	CSE-CS	B. Crasty
8. (24.8. Harsa Vardhan	CSE-es	(4) Harina Landar
	I have fulath	alm suril	buch-
3. 6	n-siichavan	cy ber security	
1	8-Tar W.	cyber sewl	

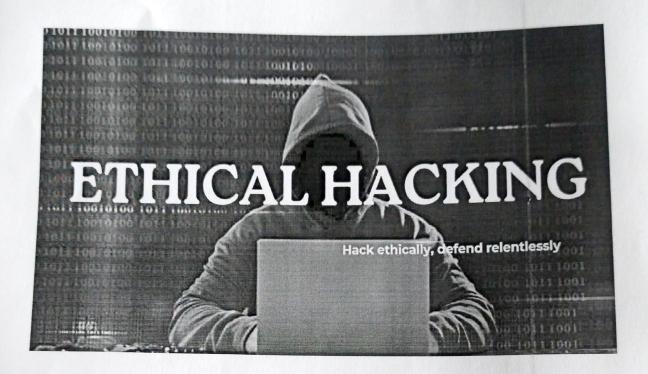
Co-Ordinator

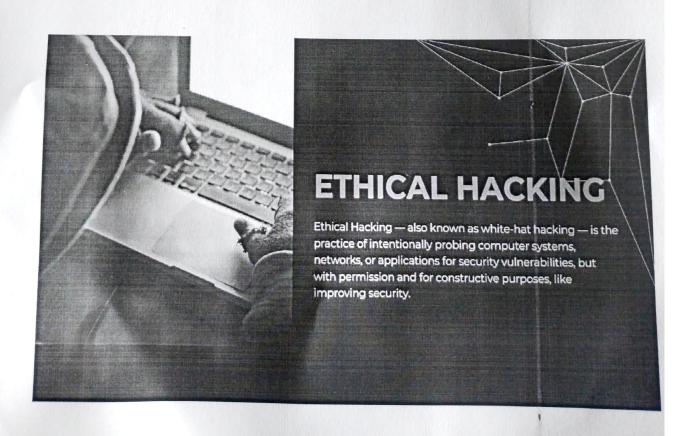




(AUTONOMOUS) DEPARTMENT OF CYBERSECURITY

SCREENSHOTS/SESSION PICTURES:







(AUTONOMOUS)

DEPARTMENT OF CYBERSECURITY

PHASES OF ETHICAL HACKING

hases of ethical hacking include reconnaissance, scanning, gaining access, maintaining ess, and covering tracks. These steps help identify and fix security vulnerabilities in a controlled, authorized manner.



Reconnaissance

Gathering information about the target system to identify potential entry points.



PHASES OF ETHICAL HACKING

The phases of ethical hacking include reconnaissance, scanning, gaining access, maintaining access, and covering tracks. These steps help identify and fix security vulnerabilities in a controlled, authorized manner.



Gaining Access

Exploiting found vulnerabilities to enter the system.



Maintenance Access

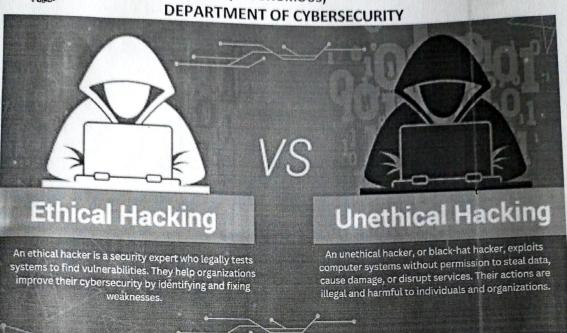


Clearing Tracks

Erasing digital footprints to test if attacks can go undetected.



(AUTONOMOUS)



Find and fix vulnerabilities to strengthen security.

ETHICAL

Authorised and legal, with clear permission.

Penetration testing. vulnerability assessments, ethical code of conduct.

Improves cybersecurity posture and prevents future attacks.

FRIEND OR FOE?

VS

PURPOSE

LEGALITY

TECHNIQUES USED

IMPACT

UNETHICAL

Exploit vulnerabilities for personal gain (steal data, disrupt operations).

Unauthorised and illegal, breaching laws and regulations.

Data breaches, DDoS attacks, ransomware, often exploit zero-day vulnerabilities.

Breaches, disruptions, financial ruin, and potential national security risks.



(AUTONOMOUS)

DEPARTMENT OF CYBERSECURITY

PRACTICAL SESSION

"Time to see how things actually work.".

CYBER LAW & PUNISHMENT

Cyber law refers to the legal measures, policies, and regulations that govern internet use, digital communication, and information technology. It aims to protect individuals, organizations, and governments from cybercrimes such as hacking, identity theft, online fraud, and data breaches. Let us see few laws in India..

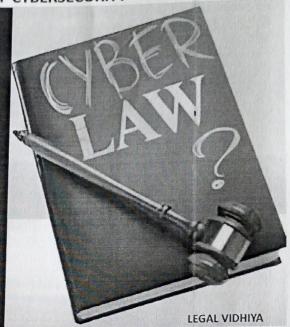


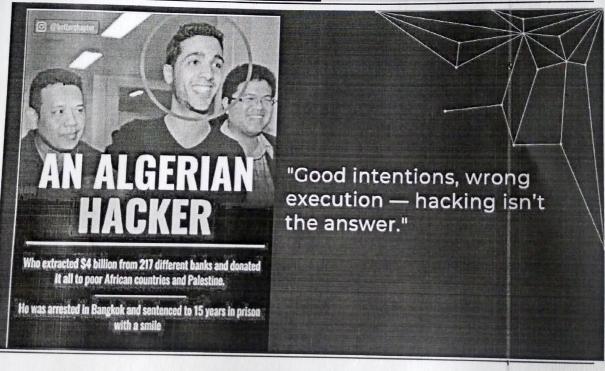


(AUTONOMOUS) **DEPARTMENT OF CYBERSECURITY**

Cyber Law in India:

- Section 65: Deals with tampering with computer source documents, with penalties of imprisonment up to three years, a fine of up to two lakh rupees, or both.
- Section 66C: Addresses identity theft, with potential penalties including imprisonment up to three years, a fine up to two lakh rupees, or both.







(AUTONOMOUS)

DEPARTMENT OF CYBERSECURITY



CAPTURE THE FLAG

CTF (Capture The Flag) is a cybersecurity competition where participants solve challenges to find hidden "flags." These challenges cover areas like cryptography, web security, and reverse engineering. Points are awarded for each solved flag, and the goal is to score highest. CTFs help build hacking and problem-solving skills in a fun, competitive way. They are popular for learning and practicing cybersecurity techniques.





(AUTONOMOUS) DEPARTMENT OF CYBERSECURITY

REPORT:

On 16-07-2025, The "Cyber Security Club" of Department of Cyber Security have Organized a "Ethical Hacking And CTF".

Event Name:

Ethical Hacking and Capture The Flag (CTF)

Date: 16-07-2025

Organized by: Cyber Security Club, Department of Cyber Security

Faculty Coordinator: T. Ganga Bhavani – Head of Department, Cyber Security

Resource Person: I.V. Naveen Kumar (2nd year, CS)

Objective:

The session aimed to educate students on the importance of ethical hacking in today's digital landscape. It also introduced CTF (Capture The Flag) as a practical, gamified approach to developing cybersecurity and problem-solving skills.

Event Summary:

The event focused on ethical hacking techniques, phases, laws, and hands-on cybersecurity challenges. It helped students understand how hacking, when done ethically, plays a crucial role in defending against cyber threats. The phases of ethical hacking—reconnaissance, scanning, gaining access, maintaining access, and clearing tracks-were explained thoroughly.

Topics Covered:

- Introduction to Ethical Hacking
- Types of Hackers (Ethical vs. Unethical)
- Phases of Ethical Hacking:
 - o Reconnaissance
 - Scanning
 - Gaining Access
 - Maintaining Access
 - Clearing Tracks
- Indian Cyber Laws:
 - Section 65 Tampering with source documents
 - o Section 66C Identity theft and related penalties
- Capture The Flag (CTF) competitions: Concept, types of challenges, and their learning outcomes.

Practical Session:

The practical demonstration showcased real-time hacking of a Windows 7 system using Kali Linux. Students observed how vulnerabilities can be exploited in a controlled environment and learned about tools and techniques used in ethical hacking.

Capture The Flag (CTF):

Students participated in a simulated CTF competition, solving challenges related to:

- Cryptography
- Web Security
- Steganography
- Reverse Engineering

CTFs helped them apply theoretical knowledge and improve technical proficiency in an engaging and competitive format.



(AUTONOMOUS) DEPARTMENT OF CYBERSECURITY

Participation Details:

 Number of Registrations: 100 Number of Attendees: 61

Conclusion:

The session offered valuable insights into ethical hacking and CTFs, encouraging students to explore cybersecurity careers. The practical session and CTF helped build a hands-on understanding of core cybersecurity principles. The event concluded with active student participation and positive feedback.

Resource Persons:

1.M.Jyothi Sri(III CS)

2.V.Sujana(II CS)

3.Y.Mounika(III CS)

Feed Back Report:

List of students given the feedback:

S.N O	Name	Roll Number	Branch	Sectio n	Rate the sessio n out of 5	Any suggestions regarding the session
1	K meghana anu sri	24A31A431 7	CSE(Ai)	Α	5	Nothing
2	Nageswari	24A31A433 0	CSE(Ai)	Α	4	Nothing
3	Pasupuleti Vardhini	23A31A461 3	CSE(Cs)	Α	4	No
4	Charan obhinni	24A31A43I5	CSE(Ai)	С	4	Good
5	P . Sri likhitha	24a31a1219	IT	Α	4	Good
6	Subhakar Vallu	24A35A461 8	CSE(Cs	A	5	No
7	B. Deshik	24A31A05K C	CSE	F	4	Want Ppt of the session
8	Keerthi inala	24A31A020 7	EEE	A	5	The current state is optimal, and no further adjustments are required.
9	A.Bhuvaneswari	23A31A460 1	CSE(Cs	A	3	Need to learn how to grab attention from audience
10	Chinni. Inti	24A31A461 3	CSE(Cs	A	5	No suggestions
11	Pinisetti Satya Sri Lakshmi	24A31A021 5	ÉEE	A	4	No
12	Kanni Janaki	24A35A460 4	CSE(Cs	A	5	Good explanation
13	A Sowmya	23A31A460 2	CSE(Cs	A	5	Nothing
14	P Vineetha	24A31A462 7	CSE(Cs	A	5	No suggestions
15	D.younis	24A31A430	CSE(Ai)	Α	5	Good



(AUTONOMOUS) **DEPARTMENT OF CYBERSECURITY**

	The State of the S					
1	6 V. Joshika	7 24A31A433 1	CSE(Ai)	Α	5	Nothing
1	7 LAKSHMI CHAITANYA PIDUGU	24A31A122 0	IT	A	5	No
18	Veeralakshmi Bathula	24A35A460 3	CSE(Cs	Α	3	NA
19	- Northan	24A31A020 8	ÉEE	Α	4	No
20	TARUNI MANI	24A31A020 1	EEE	Α	4	No
21	Achutha Venkata Satyanarayana	23A31A462 4	CSE(Cs	Α	5	The ethical hacking session is excellent and well done
22	SRINIVASA HARSHA VARDHAN	24A35A461 0	CSE(Cs	Α	4	None, this is great session regarding cybersecurity and this is most helpful.
23	TALLA PRAVALLIKA	24A31A122 5	IT	Α	4	No suggestions. Well-given session
24	N.Krishna Santhoshi	23a31a4611	CSE(Cs	Α	5	It's very nice with the demo section
25	Molugu madhu kiran	24A31A43I0	CSE(Ai)	С	5	Excellent
26	Pravalika	24A31A461 8	CSE(Cs	Α	5	It will be more effective when a practical section is present
27	В	B. V. V. S. Chaitanaya	CSE(Cs	Α .	3	Well information of ethical hacking
28	Medisetty Lakshmi Supriya	23A31A460 9	CSE(Cs	Α	3	NA
29	Mery Mamatha Akula	24A31A460 1	CSE(Cs	A	5	Nice y
30	P.Saivilasini	24A31A462 5	CSE(Cs	A	5	Good
1	Nakka Devi	24A35A460 5	CSE(Cs	Α	5	Excellent
2	Lakshmi Naga Mounica Appalabhakthula	24A35A460 2	CSE(Cs	A	5	No ,



(AUTONOMOUS) **DEPARTMENT OF CYBERSECURITY**

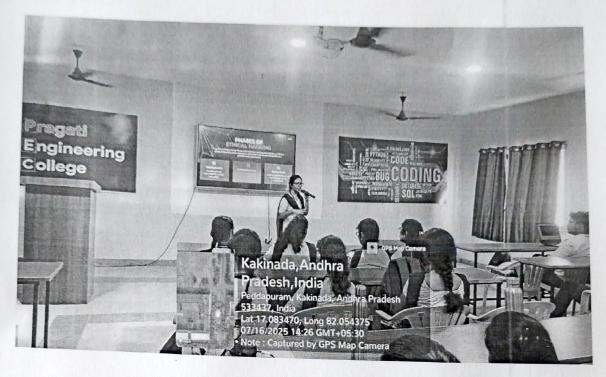
Feedback Summary:

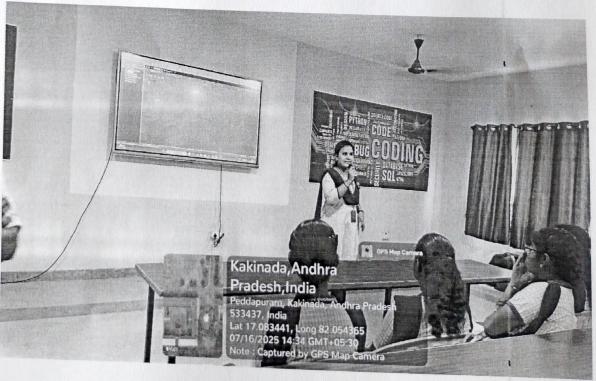
Feedback	Number of Persons		
Excellent	18		
Good	10		
Average	4		
Bad	0		



(AUTONOMOUS) DEPARTMENT OF CYBERSECURITY

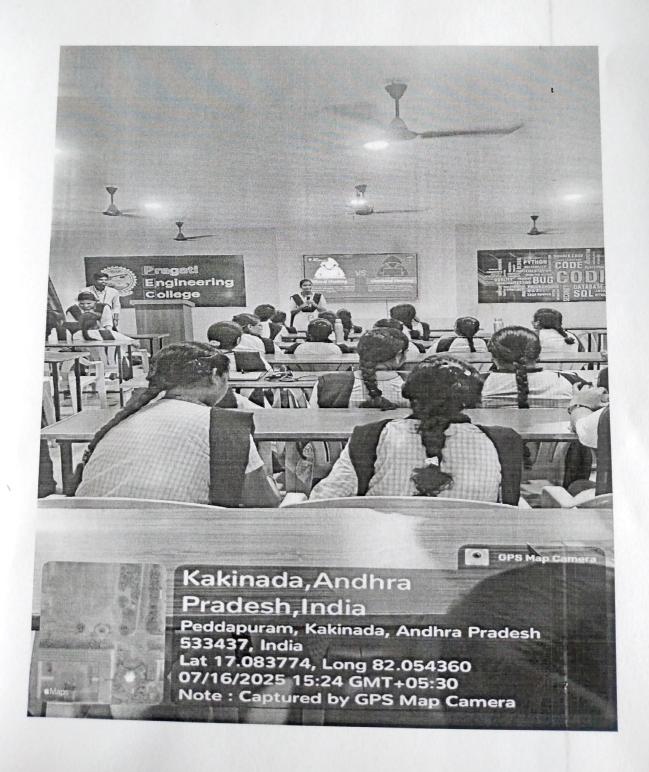
Session Pictures:







(AUTONOMOUS) **DEPARTMENT OF CYBERSECURITY**





(AUTONOMOUS) **DEPARTMENT OF CYBERSECURITY**

