



PRAGATI ENGINEERING COLLEGE (Autonomous)

1-378, ADB Road, Surampalem, E.G.District, A.P. - 533 437
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada & Accredited by NAAC with 'A' Grade)
(Recognised by UGC Under Sections 2 (f) and 12 (b) of UGC act, 1956)
Ph : 08852 - 252233, 252234, 252235, Fax : 252232, Website : www.pragati.ac.in
(Sponsored by Gayatri Educational Society)

D.No. 2-24-4/2, Ground Floor, Janmabhoomi Park Road, Srinagar, Kakinada - 3, Ph : 0884 - 2355900, Fax : 2363900

CYBER SECURITY CLUB REPORT

DATE:28-02-2025

SEMINAR ON “primer on operating systems”

Primer on Operating Systems

In today's digital era, operating systems (OS) serve as the backbone of computing environments, enabling users and applications to interact seamlessly with hardware. From personal devices to enterprise-level servers, OS plays a crucial role in managing resources, ensuring system security, and providing a stable platform for various applications. With rapid advancements in technology, understanding OS fundamentals has become essential for both individuals and organizations to optimize system performance, enhance security, and adapt to emerging computing trends.

This seminar aimed to introduce the fundamental concepts of operating systems, covering key topics such as OS architecture, security features, installation methods, and virtualization. By gaining insights into these core principles, participants can develop a strong foundation in OS management and security, preparing them for future challenges in system administration and cybersecurity.

To raise awareness about the significance of operating systems, we, the club members, conducted a seminar titled "**Primer on Operating Systems**" for first-year students on **28 March 2025**, from **02:00 PM to 04:00 PM**.

Topics Covered in the Session

- > Basics of Operating Systems
- >OS Security Features
- > OS Hardening Techniques (Strengthening Security and Reducing Vulnerabilities)
- >OS Installation Methods (Basic, Custom, Automated, and Repair)
- >Virtualization in OS Environments
- >Key Terminologies and Best Practices

For those interested in attending the seminar, a registration link was provided for enrollment.

<https://docs.google.com/forms/u/1/d/14GtLdKywSgbPIY7Nz6R2DJRRz-ZmeNiJ-RIBLup-IgQ/edit?usp=drivesdk&chromeless=1>

Total – 128 Students registered for the event.

List of the students registered :

S.No.	Roll No.	Name	Branch	Section
1	24A31A05JF	Hasika	CSE	F
2	24A31A4627	P Vineetha	CSE(CS)	A
3	24A31A4319	M.Abhirami	CSE(AI)	A
4	24A31A43F7	Routhu Aashritha	CSE(AI)	C
5	24A31A05AH	Attili Hizkia Francis	CSE	B
6	24A31A43D3	A.Manju Sri	CSE(AI)	C
7	24A31A05KQ	K Venkata Siva	CSE	F
8	24A31A05FE	Vinesh Kumar Gude	CSE	D
9	24A31A0579	Jajimoggala Snehitha	CSE	B
10	24A31A04F5	Vasamsetti Satya Gopika Srikala	ECE	C
11	24A31A04F5	Deyyala Teja Mahendra	ECE	C
12	24A31A05AK	Gattem Navaneetha Sai	CSE	B
13	24A31A4433	Sri Ram	CSE(DS)	A
14	24A31A05BF	V.Vishnu Vardhan	CSE	B
15	24A31A4649	Kouluri Mohan Ponnadhar	CSE(CS)	A
16	24A31A4611	G.Purni Sasi Kala Devi	CSE(CS)	A
17	24A31A4626	Peruri Divya Sree	CSE(CS)	A
18	24A31A4617	Kolli.Bharathi	CSE(CS)	A
19	24A31A4663	Vinti Jyothi Charan	CSE(CS)	A
20	24A31A0591	Netala Suchitha	CSE	B
21	24A31A05AC	Monika	CSE	B
22	25A31A43D8	Chikkam Santhoshi Varshini	CSE(AI)	C
23	24A31A4616	K.Ramadevi	CSE(CS)	A
24	24A31A05AB	S.Sai Anusha	CSE	B
25	24A31A4662	Varshith	CSE(CS)	A

26	24A31A4606	Buddana Hema Madhulika	CSE(CS)	A
27	24A31A4619	Kosana Akshaya	CSE(CS)	A
28	24A31A4601	Mery Mamatha Akula	CSE(CS)	A
29	24A31A0594	Sailaja Prathyusha	CSE	B
30	24A31A4640	Gowtham Sai Satya	CSE(CS)	A
31	24a31a4660	Akshay Kountesh Tolem	CSE(CS)	A
32	24A31A4337	Ch Sathwik	CSE(AI)	A
33	24A31A4639	Ashok Chakravarthi	CSE(CS)	A
34	24A31A44H8	Sri Sai	CSE(DS)	C
35	24A31A05AJ	Durga Prasad Chilukuri	CSE	B
36	24A31A4345	Gurugubelli Kalyan Srinivas	CSE(AI)	A
37	24A31A1240	Prem Kumar	IT	A
38	24A31A4661	Uppalapu Surya Prakashrao	CSE(CS)	A
39	24A31A43E6	K.Niharika	CSE(AI)	C
40	24A31A05AS	M. Sai Revanth	CSE	B
41	24A31A4608	Ch Haritha Devi	CSE(CS)	A
42	24A31A4257	Vignesh	CSE(AI&ML)	A
43	24A31A4620	Manam Sri Varsha	CSE(CS)	A
44	24A31A05AV	Naga Venkata Sai Pokanati	CSE	B
45	24A31A4613	Inti.Chinni	CSE(CS)	A
46	24A31A4604	Abilashya.B	CSE(CS)	A
47	24A31A4644	G Harsha Vardhan	CSE(CS)	A
48	24A31A4651	Ashwin Prabhakar	CSE(CS)	A
49	24A31A4622	Mohammad Sidratul Zuha	CSE(CS)	A
50	24A31A4643	Gubbala Abhinay	CSE(CS)	A
51	24A31A4653	Papineni Sai Manikanta Srinivas	CSE(CS)	A
52	24A31A05AP	K Manasa	CSE	B
53	24A31A4605	A Gayatri Boddu	CSE(CS)	A
54	24A31A05KC	B. Deshik	CSE	F
55	24A31A05LG	V R V V Satyanrayana	CSE	F
56	24A31A4618	Pravalika Korimi	CSE(CS)	A
57	24A31A05LH	Vemula Durga Achuyth	CSE	F

58	24A31A4629	Tirumadi Janaki	CSE(CS)	A
59	24A31A4609	Chitturi Geetha Sai Rakshita	CSE(CS)	A
60	24A31A05KW	M.Satya Sai Karthik	CSE	F
61	24A31A05AL	J. Harikiran	CSE	B
62	24A31A42A9	D.Sriram Varma	CSE(AI&ML)	B
63	24A31A4637	D Likhith Kumar	CSE(CS)	A
64	24A31A4632	B.Amar Sai Teja	CSE(CS)	A
65	24A31A05AU	Pappu Durga Srinivasa Shankar Teja	CSE	B
66	24A31A05AT	Paidikondala Arun Sai Sandeep	CSE	B
67	24A31A4615	Karnuri Padmini	CSE(CS)	A
68	24A31A05AQ	Mamidi Durga Avinash	CSE	B
69	24A31A05AR	Satya Durga Manikanta Manda	CSE	B
70	24A31A05AX	Ravula Leela Manohar	CSE	B
71	24A31A43F3	Asritha Mani	CSE(AI)	C
72	24A31A4648	Dhanaraju Konagalla	CSE(CS)	A
73	24A31A05BB	Thipirisetti V V Satya Sai Sree	CSE	B
74	24A31A04I6	Madem Sai Siddu Srikanth	ECE	C
75	24A31A05AM	Kanaparti Veera Ganesh Arjun	CSE	B
76	24A31A4447	Markonda Patnaik Sarath	CSE(DS)	A
77	24A31A4625	P.Saivilasini	CSE(CS)	A
78	24A31A4309	Yasaswini.G	CSE(AI)	A
79	24A31A4301	Alamuri Lahari	CSE(AI)	A
80	24A31A05AN	Karupothu Rahul	CSE	B
81	24A31A43A3	Satwik Varma	CSE(AI)	B
82	24A31A4607	Geeta Sahithi Chetti	CSE(CS)	A
83	24A31A05AW	Pragada Thanush Shankar	CSE	B
84	24A31A04I5	L.Devi Sri Prasad	ECE	C
85	24A31A4621	M.Sireesha	CSE(CS)	A
86	24A31A04E6	P Bhanu Satyasri	ECE	C
87	24A31A04F2	S.Madhavi	ECE	C
88	24A31A4305	Chitimireddy Jnana Sri Niharika	CSE(AI)	A
89	24A31A4304	Ch.Mounika Devi	CSE(AI)	A

90	24A31A4628	Madhurima. R	CSE(CS)	A
91	24A31A05LA	Kiran Kumar	CSE	F
92	24A31A04H5	K.Siva Ram Ganga Satya Durga	ECE	C
93	24A31A04F8	A Surya Chandra	ECE	C
94	24A31A43B9	Ramveer.P	CSE(AI)	B
95	24A31A43B2	Udaykiran	CSE(AI)	B
96	24A31A43A8	Suphal.K	CSE(AI)	B
97	24A31A43C1	Rai Nooka Raju	CSE(AI)	B
98	24A31A4387	Reena	CSE(AI)	B
99	24A31A4380	Rajyalakshmi	CSE(AI)	B
100	24A31A4376	Jetti Mehar Ramya Srinidhi	CSE(AI)	B
101	24A31A4396	Shaik Shahena Tanveer	CSE(AI)	B
102	24A31A4398	V.Lavanyahh	CSE(AI)	B
103	24A31A4624	Pachimala Hari Priya	CSE(CS)	A
104	24A31A4388	P Yogitha	CSE(AI)	B
105	24A31A4378	Meghana Sahithi Kandala	CSE(AI)	B
106	24A31A4375	G.Sirisha	CSE(AI)	B
107	24A31A4383	Marna Ratna Pravallika	CSE(AI)	B
108	24A31A4389	Ponnamanda Sai Amrutha	CSE(AI)	B
109	24A31A43A9	Kannuri Sri Durga Siva Ram	CSE(AI)	B
110	24A31A04J0	P Satya Sai Naveen	ECE	C
111	24A31A04D8	K.Y.L.G Aparna	ECE	C
112	24A31A04F4	T Keerthi Nikhitha	ECE	C
113	24A31A04E8	P Harsha Meghana	ECE	C
114	24A31A04E4	N Likhitha	ECE	C
115	24A31A04F1	R. Dorka	ECE	C
116	24A31A4392	S.K.N.G.Maha Lakshmi	CSE(AI)	B
117	24A31A04E7	Penumaka Vaishalini	ECE	C
118	24A314395	Shah Sana Azmi	CSE(AI)	B
119	24A31A05KU	M Samuel	CSE	F
120	24A31A0241	Kunche Siva Siddhu Naga Ganga Sri Surya	EEE	A
121	24A31A05EV	V Janvi Sanjana	CSE	D

122	24A31A05GG	Y Abhiram	CSE	D
123	24A31A4656	Lokesh Sriram Ponnamanda	CSE(CS)	A
124	24A31A4636	Dangeti Venkata Durga Vara Prasad	CSE(CS)	A
125	24A31A4603	B.Bhargavi	CSE(CS)	A
126	24A31A04J2	Sambattula Victor Paul	ECE	C
127	24A31A0247	Jayaram Satya Santosh Nemala	EEE	A
128	24A31A43B9	Ramveer.P	CSE(AI)	B

Summary of Student Registration:

Name of The Department	No.of Students Registered
CSE	33
CS	40
CSE-AIML	2
CSE-AI	31
CSE-DS	3
ECE	16
IT	1
EEE	2
TOTAL	128

List of the students attended for the event are:

S.No	Roll No	Name	Branch	Section
1	24A31A05JF	Hasika	CSE	F
2	24A31A4627	P Vineetha	CSE(CS)	A
3	24A31A4319	M.Abhirami	CSE(AI)	A
4	24A31A43F7	Routhu Aashritha	CSE(AI)	C
5	24A31A05AH	Attili Hizkia Francis	CSE	B
6	24A31A43D3	A.Manju Sri	CSE(AI)	C
7	24A31A05KQ	K Venkata Siva	CSE	F
8	24A31A05FE	Vinesh Kumar Gude	CSE	D
9	24A31A0579	Jajimoggala Snehitha	CSE	B
10	24A31A04F5	Vasamsetti Satya Gopika Srikala	ECE	C
11	24A31A04F5	Deyyala Teja Mahendra	ECE	C
12	24A31A05AK	Gattem Navaneetha Sai	CSE	B
13	24A31A4433	Sri Ram	CSE(DS)	A
14	24A31A05BF	V.Vishnu Vardhan	CSE	B
15	24A31A4649	Kouluri Mohan Ponnadhar	CSE(CS)	A
16	24A31A4611	G.Purni Sasi Kala Devi	CSE(CS)	A
17	24A31A4626	Peruri Divya Sree	CSE(CS)	A
18	24A31A4617	Kolli.Bharathi	CSE(CS)	A
19	24A31A4663	Vinti Jyothi Charan	CSE(CS)	A
20	24A31A0591	Netala Suchitha	CSE	B
21	24A31A05AC	Monika	CSE	B
22	25A31A43D8	Chikkam Santhoshi Varshini	CSE(AI)	C
23	24A31A4616	K.Ramadevi	CSE(CS)	A
24	24A31A05AB	S.Sai Anusha	CSE	B
25	24A31A4662	Varshith	CSE(CS)	A
26	24A31A4606	Buddana Hema Madhulika	CSE(CS)	A

27	24A31A4619	Kosana Akshaya	CSE(CS)	A
28	24A31A4601	Mery Mamatha Akula	CSE(CS)	A
29	24A31A0594	Sailaja Prathyusha	CSE	B
30	24A31A4640	Gowtham Sai Satya	CSE(CS)	A
31	24a31a4660	Akshay Kountesh Tolem	CSE(CS)	A
32	24A31A4337	Ch Sathwik	CSE(AI)	A
33	24A31A4639	Ashok Chakravarthi	CSE(CS)	A
34	24A31A44H8	Sri Sai	CSE(DS)	C
35	24A31A05AJ	Durga Prasad Chilukuri	CSE	B
36	24A31A4345	Gurugubelli Kalyan Srinivas	CSE(AI)	A
37	24A31A1240	Prem Kumar	IT	A
38	24A31A4661	Uppalapu Surya Prakashrao	CSE(CS)	A
39	24A31A43E6	K.Niharika	CSE(AI)	C
40	24A31A05AS	M. Sai Revanth	CSE	B
41	24A31A4608	Ch Haritha Devi	CSE(CS)	A
42	24A31A4257	Vignesh	CSE(AI&ML)	A
43	24A31A4620	Manam Sri Varsha	CSE(CS)	A
44	24A31A05AV	Naga Venkata Sai Pokanati	CSE	B
45	24A31A4613	Inti.Chinni	CSE(CS)	A
46	24A31A4604	Abilashya.B	CSE(CS)	A
47	24A31A4644	G Harsha Vardhan	CSE(CS)	A
48	24A31A4651	Ashwin Prabhakar	CSE(CS)	A
49	24A31A4622	Mohammad Sidratul Zuha	CSE(CS)	A
50	24A31A4643	Gubbala Abhinay	CSE(CS)	A
51	24A31A4653	Papineni Sai Manikanta Srinivas	CSE(CS)	A
52	24A31A05AP	K Manasa	CSE	B
53	24A31A4605	A Gayatri Boddu	CSE(CS)	A
54	24A31A05KC	B. Deshik	CSE	F
55	24A31A05LG	V R V V Satyanrayana	CSE	F

56	24A31A4618	Pravalika Korimi	CSE(CS)	A
57	24A31A05LH	Vemula Durga Achuyth	CSE	F
58	24A31A4629	Tirumadi Janaki	CSE(CS)	A
59	24A31A4609	Chitturi Geetha Sai Rakshita	CSE(CS)	A
60	24A31A05KW	M.Satya Sai Karthik	CSE	F
61	24A31A05AL	J. Harikiran	CSE	B
62	24A31A42A9	D.Sriram Varma	CSE(AI&ML)	B
63	24A31A4637	D Likhith Kumar	CSE(CS)	A
64	24A31A4632	B.Amar Sai Teja	CSE(CS)	A
65	24A31A05AU	Pappu Durga Srinivasa Shankar Teja	CSE	B
66	24A31A05AT	Paidikondala Arun Sai Sandeep	CSE	B
67	24A31A4615	Karnuri Padmini	CSE(CS)	A
68	24A31A05AQ	Mamidi Durga Avinash	CSE	B
69	24A31A05AR	Satya Durga Manikanta Manda	CSE	B
70	24A31A05AX	Ravula Leela Manohar	CSE	B
71	24A31A43F3	Asritha Mani	CSE(AI)	C
72	24A31A4648	Dhanaraju Konagalla	CSE(CS)	A
73	24A31A05BB	Thipirisetti V V Satya Sai Sree	CSE	B
74	24A31A04I6	Madem Sai Siddu Srikanth	ECE	C
75	24A31A05AM	Kanaparti Veera Ganesh Arjun	CSE	B
76	24A31A4447	Markonda Patnaik Sarath	CSE(DS)	A
77	24A31A4625	P.Saivilasini	CSE(CS)	A
78	24A31A4309	Yasaswini.G	CSE(AI)	A
79	24A31A4301	Alamuri Lahari	CSE(AI)	A
80	24A31A05AN	Karupothu Rahul	CSE	B
81	24A31A43A3	Satwik Varma	CSE(AI)	B
82	24A31A4607	Geeta Sahithi Chetti	CSE(CS)	A
83	24A31A05AW	Pragada Thanush Shankar	CSE	B
84	24A31A04I5	L.Devi Sri Prasad	ECE	C

85	24A31A4621	M.Sireesha	CSE(CS)	A
86	24A31A04E6	P Bhanu Satyasri	ECE	C
87	24A31A04F2	S.Madhavi	ECE	C
88	24A31A4305	Chitimireddy Jnana Sri Niharika	CSE(AI)	A
89	24A31A4304	Ch.Mounika Devi	CSE(AI)	A
90	24A31A4628	Madhurima. R	CSE(CS)	A
91	24A31A05LA	Kiran Kumar	CSE	F
92	24A31A04H5	K.Siva Ram Ganga Satya Durga	ECE	C
93	24A31A04F8	A Surya Chandra	ECE	C
94	24A31A43B9	Ramveer.P	CSE(AI)	B
95	24A31A43B2	Udaykiran	CSE(AI)	B
96	24A31A43A8	Suphal.K	CSE(AI)	B
97	24A31A43C1	Rai Nooka Raju	CSE(AI)	B
98	24A31A4387	Reena	CSE(AI)	B
99	24A31A4380	Rajyalakshmi	CSE(AI)	B
100	24A31A4376	Jetti Mehar Ramya Srinidhi	CSE(AI)	B
101	24A31A4396	Shaik Shahena Tanveer	CSE(AI)	B
102	24A31A4398	V.Lavanyahh	CSE(AI)	B
103	24A31A4624	Pachimala Hari Priya	CSE(CS)	A
104	24A31A4388	P Yogitha	CSE(AI)	B
105	24A31A4378	Meghana Sahithi Kandala	CSE(AI)	B
106	24A31A4375	G.Sirisha	CSE(AI)	B
107	24A31A4383	Marna Ratna Pravallika	CSE(AI)	B
108	24A31A4389	Ponnamanda Sai Amrutha	CSE(AI)	B
109	24A31A43A9	Kannuri Sri Durga Siva Ram	CSE(AI)	B
110	24A31A04J0	P Satya Sai Naveen	ECE	C
111	24A31A04D8	K.Y.L.G Aparna	ECE	C
112	24A31A04F4	T Keerthi Nikhitha	ECE	C
113	24A31A04E8	P Harsha Meghana	ECE	C

114	24A31A04E4	N Likhitha	ECE	C
115	24A31A04F1	R. Dorka	ECE	C
116	24A31A4392	S.K.N.G.Maha Lakshmi	CSE(AI)	B
117	24A31A04E7	Penumaka Vaishalini	ECE	C
118	24A314395	Shah Sana Azmi	CSE(AI)	B
119	24A31A05KU	M Samuel	CSE	F
120	24A31A0241	Kunche Siva Siddhu Naga Ganga Sri Surya	EEE	A

Link given for entering the feedback at the end of the Event:

<https://docs.google.com/forms/u/1/d/1UJe1Qk53OZWfWY4y10bFrtydYBMOOJpv7sbxUiEJgUU/edit?usp=drivesdk&chromeless=1>

Link Conducted For Quiz at the event:

https://unstop.com/o/GOg4NAi?lb=0duneTYT&utm_medium=Share&utm_source=shortUrl

Pragati ENGINEERING COLLEGE
(AUTONOMOUS)

INDUSTRY 4.0 CLUB

CYBER SECURITY CLUB (CSC)

ORGANIZED BY DEPARTMENT OF CYBER SECURITY IN ASSOCIATION WITH CAREER GUIDANCE CELL

PRIMER ON OPERATING SYSTEMS

[BASH 2]

DATE : 28-02-2025

TIME : 2:00PM - 4:00PM

MODE : OFFLINE

FACULTY COORDINATOR:
MRS.T.GANGA BHAVANI
HOD.OF.CS.DEPT

RESOURCE PERSONS :
Y.VYSHNAVI (II-CS)
Y.MOUNIKA (II-CS)
T.HARSHA VARDHAN (II- CS)
A.RAGHURAM (II- CS)

PRESIDENT:
Y.SAI SUKEERTHI (III-CSE)
PH.NO : 8519844757

Images of the Event Conducted:





Names of The Resource People:

- 1.Y. Vyshnavi
II – CSE(CS)
- 2.A. Raghu Ram
II – CSE(CS)
3. T. Harsha Vardhan
II – CSE(CS)
- 4.Y. Mounika
II – CSE(CS)

Members of Cyber Security Club Who Conducted the Event



Faculty Co-Ordinator:

Mrs. T. Ganga Bhavani
HoD of CSE(Cyber Security)
Pragati Engineering College

Student Co- Ordinators:

Y. Sai Sukeerthi
President of Cyber Security Club Department of CSE
I.V.Naveen kumar
Department of cyber security

A.Satyanaryana

Department of cyber security

M Jyothi sri

Department of cyber security

Y Vyshnavi

Department of cyber security

K.Manideep

Department of computer science engineering

A.Raghu Ram

Department of cyber security

P.Keerthi Meghana

Department of cyber security

Y.Mounika

Department of cyber security

B.Venkata Siva sai

Department of cyber security

K.Swarup

Department of cyber security

B.Prabhu surya

Department of cyber security

K.Geethika

Department of cyber security

T.Pavani

Department of cyber security

V.Surujana

Department of cyber security

T.Ganga Bhavani

Faculty Co-ordinator

T.Ganga Bhavani

HoD(CS)