



PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY & CSE(CYBER SECURITY)

Date: 28-02-2026

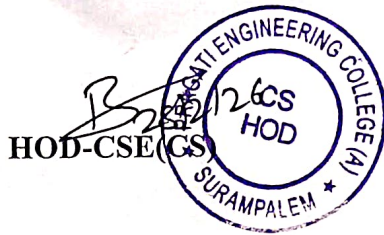
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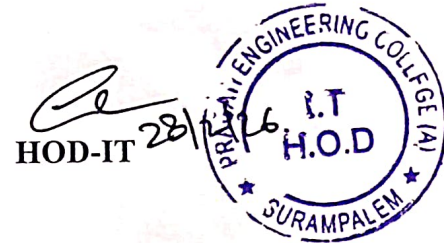
It is hereby informed to all the Students of II and III B.Tech. that Department of INFORMATION TECHNOLOGY & CSE (Cyber Security) organizing a Guest Lecture on “Cloud Security with Claude AI” on 06-03-2026. This guest lecture will provide valuable insights into Cloud computing, Security, Claude AI and their impact on various applications in technology and industry. All faculty members and students are encouraged to attend and make the most of this opportunity to enhance their knowledge.

Venue: IT Laboratory

Mode: Online

Time: 10:00 AM to 11.30 AM


HOD-CSE(CS)
PRAGATI ENGINEERING COLLEGE (A)
SURAMPALEM
I.T.
HOD


HOD-IT 28/2/26
PRAGATI ENGINEERING COLLEGE (A)
SURAMPALEM
I.T.
H.O.D

DEPARTMENT OF INFORMATION TECHNOLOGY & CSE (CYBER SECURITY)

PATHUB
Pragati Advanced Technology Hub

Organizes a Guest Lecture on

“Cloud Security with Claude AI”

by

Dr. V. Sakthivel

Assistant Director –Software Development Cell (SDC)

Associate Professor -School of Computer Science and Engineering (SCOPE)

Vellore Institute of Technology –Chennai

on

06-03-2026

Mode: Online (Microsoft Teams)



Pragati Engineering College
(Autonomous)





PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF CYBER SECURITY

Name of the Event: Guest lecture by university person
 Title of the Event: "cloud Security with cloud AI"
 Resource Person: Dr. V. Sakthivel
 Date: 6-3-2026

List of Students Attended

S. No.	Roll Number	Name of the Student	Signature
1	24A31A4652	P. Sathwick	P. Sathwick
2	23A31A4650	T. Sivakrishnan	T. Sivakrishnan
3	23A31A4632	B. Prabhu Surya	B. Prabhu
4	24A35A4618	V. Subhakar	Subhakar
5	23A31A4636	D. Praneeth	D. Praneeth
6	23A31A4648	T. Harsha Vardhan	T. Harsha
7	23A31A4625	A. Raghav Ram	A. Raghav Ram
8	23A31A4624	A. V. Sathyanarayanan	A. V. Sathyanarayanan
9	23A31A4639	K. Sai Swarup	K. Sai Swarup
10	23A31A4638	I. V. Naveen Kumar	I. V. Naveen Kumar
11	24A31A4645	G. Rama Venkata Satya	G. Rama Venkata Satya
12	24A31A4654	P. Prithviraj	P. Prithviraj
13	24A31A4646	T. Saikrishna	T. Sai
14	24A35A4606	Sr. Abdul Alam Shaheed	Sr. Abdul Alam Shaheed
15	24A31A4655	P. V. N. Mahesh	P. V. N. Mahesh
16	24A31A4644	G. Harsha Vardhan	G. Harsha
17	24A31A4659	T. Krishna Prady	T. Krishna Prady
18	24A31A4665	Y. Nagesh	Y. Nagesh
19	24A31A4638	D. H. N. S. Manikanta	D. Manikanta
20	24A31A4642	G. Naveen	G. Naveen
21	24A31A4639	G. Ashok Chakravarthy	G. Ashok
22	24A31A4647	K. Surendar	K. Surendar
23	24A31A4657	S. Sunny	S. Sunny
24	24A31A4643	G. Abhinav	G. Abhinav
25	24A31A4661	V. Swaga Prakash Rao	V. Swaga
26	24A31A4663	V. Jyothi Charan	V. Jyothi Charan
27	24A31A4637	K. Likhith Kumar	K. Likhith Kumar
28	23A31A4628	B. Venkata Sarav	B. Venkata Sarav
29	23A31A4629	B. Vincha Surya	B. Vincha
30	23A31A4651	V. Vinay	V. Vinay
31	24A35A4614	N. V. V. Ramana	N. V. V. Ramana
32	24A35A4615	R. Raju	R. Raju



Learning is Supreme Duty

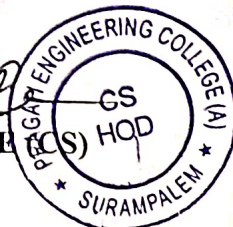
PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF CYBER SECURITY

S. No.	Roll Number	Name of the Student	Signature
1.	24A31A4613	I. Chinni	I. Chinni
2.	24A31A4611	G. Purni Sarikala Devi	G. Purni
3.	24A31A4626	P. Divya Sree	P. Divya Sree
4.	25A35A4602	P. Papa	P. Papa
5.	25A35A4601	K. S. A. Vaishnavi	K. Vaishnavi
6.	24A31A4618	K. Pravalika	K. Pravalika
7.	24A31A4605	B. Gayathri	B. Gayathri
8.	24A31A4601	A. Mery Mernatha	A. Mery Mernatha
9.	24A31A4607	Ch. Geeta Sahithi	Ch. Geetasahithi
10.	24A31A4619	K. Akshaya	K. Akshaya
11.	24A31A4606	B. Hema Madhulika	B. Madhulika
12.	24A31A4608	Ch. Haritha Devi	Ch. Haritha
13.	24A31A4614	K. Akshaya Keerthi	K. Akshaya
14.	24A31A4623	N. Nihitha Sai	N. Nihitha
15.	24A31A4625	P. Sai vilasini	P. vilasini
16.	24A31A4610	G. Durga Mani	G. Mani
17.	24A35A4608	Y. N. Mounika	Y. N. Mounika
18.	23A31A4602	A. Sowmya	A. Sowmya
19.	24A31A4602	A. Dharmika	A. Dharmika
20.	24A31A4603	B. Bhargavi	B. Bhargavi
21.	24A31A4621	M. Sireesha	M. Sireesha
22.	24A31A4616	K. Ramadevi	K. Ramadevi
23.	24A31A4609	Ch. Rakshita	Ch. Rakshita
24.	24A31A4629	T. Janaki	T. Janaki
25.	23A31A4612	P. Sowmya Harshitha	P. Sowmya
26.	23A31A4605	G. Purni Gayathri	G. Purni
27.	23A31A4618	S. Sneha Sri	S. Sneha
28.	23A31A4629	V. Sujana	V. Sujana
29.	23A31A4614	P. Ramya Sri	P. Ramya
30.	23A31A4606	K. Geethika	K. Geethika
31.	23A31A4619	T. Pavani	T. Pavani
32.	23A31A4601	A. Bhuvaneshwari	A. Bhuvaneshwari

Co-Ordinator

HoD-CSE





Learning is Suprema Deity

PRAGATI ENGINEERING COLLEGE

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DEPARTMENT OF CYBER SECURITY

S. No.	Roll Number	Name of the Student	Signature
1.	24A31A4613	I. Chinni	I. Chinni
2.	24A31A4611	G. Purni Sankala Devi	G. Purni
3.	24A31A4626	P. Divya Sree	P. Divya Sree
4.	25A35A4602	P. Papa	P. Papa
5.	25A35A4601	K. S. A. Vaishnavi	K. Vaishnavi
6.	24A31A4619	K. Pravalika	K. Pravalika
7.	24A31A4605	B. Gayathri	B. Gayathri
8.	24A31A4601	A. Mercy Marmatha	A. Mercy Marmatha
9.	24A31A4607	Ch. Geeta Sahithi	Ch. Geetasahithi
10.	24A31A4619	K. Akshaya	K. Akshaya
11.	24A31A4606	B. Hema Madhulika	B. Madhulika
12.	24A31A4608	Ch. Haritha Devi	Ch. Haritha
13.	24A31A4614	K. Akshaya Keerthi	K. Akshaya
14.	24A31A4623	N. Nihitha Sai	N. Nihitha
15.	24A31A4625	P. Sai vilasini	P. vilasini
16.	24A31A4610	G. Durga Mani	G. Mani
17.	24A35A4608	Y. N. Mounika	Y. N. Mounika
18.	23A31A4602	A. Sowmya	A. Sowmya
19.	24A31A4602	A. Dharmika	A. Dharmika
20.	24A31A4603	B. Bhargavi	B. Bhargavi
21.	24A31A4621	M. Sireesha	M. Sireesha
22.	24A31A4616	K. Ramadevi	K. Ramadevi
23.	24A31A4609	Ch. Rakshita	Ch. Rakshita
24.	24A31A4629	T. Janaki	T. Janaki
25.	23A31A4612	P. Sowmya Harshitha	P. Sowmya
26.	23A31A4605	G. Purni Gayathri	G. Purni
27.	23A31A4618	S. Sneha Sri	S. Sneha
28.	23A31A4622	V. Sujana	V. Sujana
29.	23A31A4614	P. Ramya Sri	P. Ramya
30.	23A31A4606	K. Geethika	K. Geethika
31.	23A31A4619	T. Pavani	T. Pavani
32.	23A31A4601	A. Bhuvaneshwari	A. Bhuvaneshwari

Co-Ordinator

HoD-CSE





Learning is Supreme Daily

PRAGATI ENGINEERING COLLEGE

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DEPARTMENT OF INFORMATION TECHNOLOGY

Name of the Event: Great Lecture by university person
 Title of the Event: "cloud security with cloud AI"
 Resource Person: Dr. V. Sakthivel
 Date: 6-3-2021

List of Students Attended

S. No.	Roll Number	Name of the Student	Signature
1	24A31A1231	B. charan kumar	B. charan
2	24A31A1257	P. Venkatesh	P. Venkatesh
3	24A31A1251	N. V. S. Srinivasan charan	N. charan
4	25A35A1205	K. Varma	K. Varma
5	24A31A1240	G. pram kumar	G. pram
6	24A31A1266	K. Yavan	K. Yavan
7	24A31A1267	M. K. R. Yastavi	M. K. R. Yastavi
8	24A31A1256	P. Subba Rao	P. Subba Rao
9	24A31A1250	N. Nitesh Raj	N. Nitesh Raj
10	24A31A1263	T. Yaswanth	T. Yaswanth
11	24A31A1258	P. Ganesh	P. Ganesh
12	24A31A1245	K. Karun Kumar	K. Karun Kumar
13	24A31A1232	B. Salman Raj	B. Salman Raj
14	25A35A1204	B. A. Raj KUMAR	B. A. Raj KUMAR
15	24A31A1243	K. B. Anil Rajesh	K. B. Anil Rajesh
16	24A31A1234	Ch. Yogendra	Ch. Yogendra
17	24A31A1238	Bi. Pawan Kumar	Bi. Pawan
18	24A31A1265	V. Tanish	Tanish
19	24A31A1236	Ch. Abhishek	Ch. Abhishek
20	24A31A1255	P. Teja Chithra Sai	P. Teja
21	24A31A1248	M. Mani Bharath	M. Mani Bharath
22	24A31A1244	L. Lakshmi	L. Lakshmi
23	24A31A1254	P. Nookesh	P. Nookesh
24	24A31A1258	P. Ganesh	P. Ganesh
25	24A31A1253	P. Charan Sri Ram	P. Charan
26	24A31A1260	K. Revanth Venkatesh	K. Revanth
27	24A31A1212	K. Lakshman Raj	K. Lakshman Raj
28	24A31A1264	T. Vishnu Teja	T. Vishnu Teja
29	24A31A1246	L. Achyuth	L. Achyuth
30	24A31A1249	M. M. Karthik	M. M. Karthik
31	24A31A1262	T. Harsha Vardhan Venu	T. Harsha Vardhan Venu
32	24A31A1252	N. Sathya Sriharsha	N. Sathya Sriharsha
33	25A35A1206	N. Vasanth Babu	N. Vasanth Babu



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ATTENDANCE:

List of students attended for the session.

Online:

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sneha sri	Joined	3/6/26, 9:55:18 AM
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Nitesh (24A31A1250)	Joined	3/6/26, 9:55:18 AM
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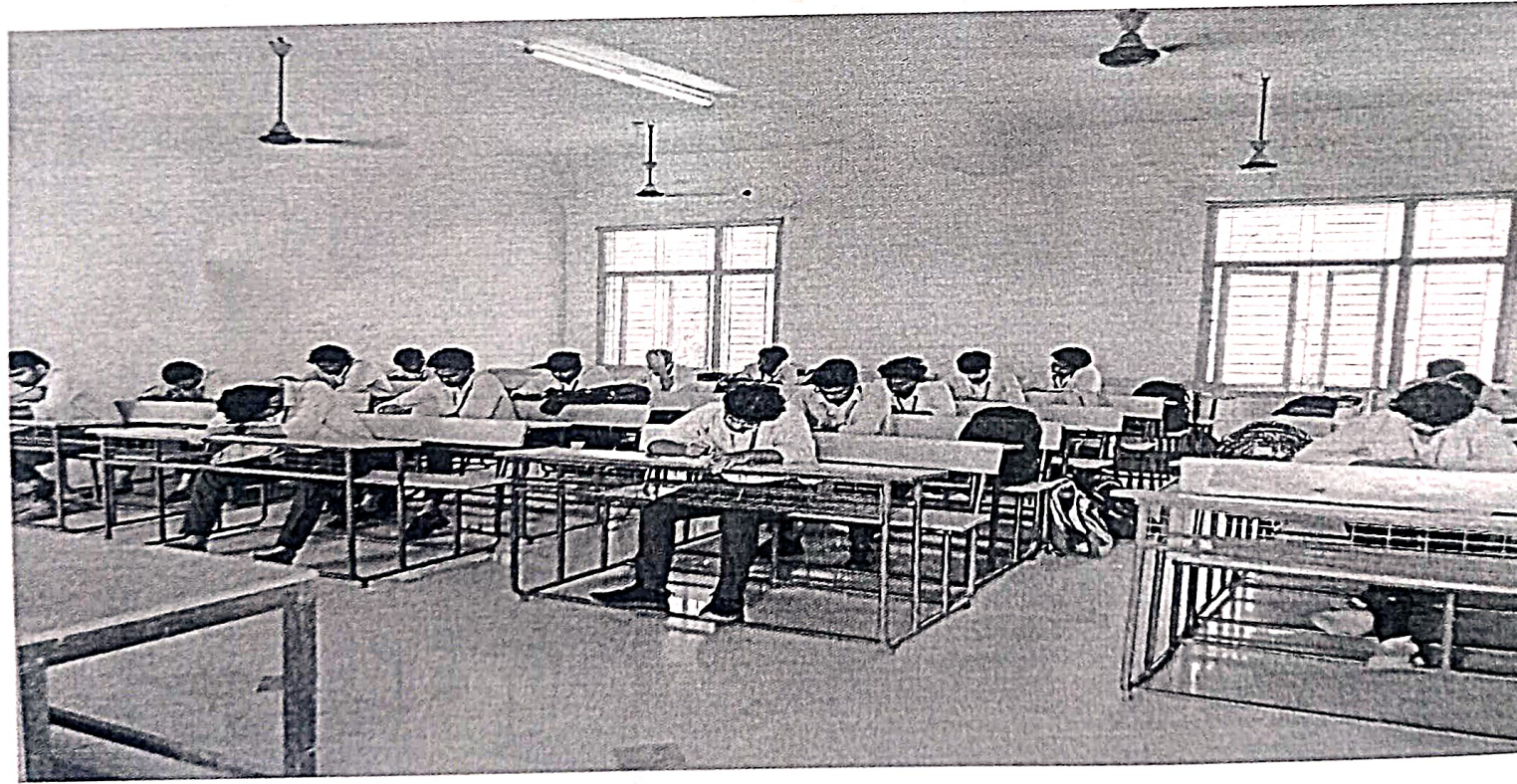
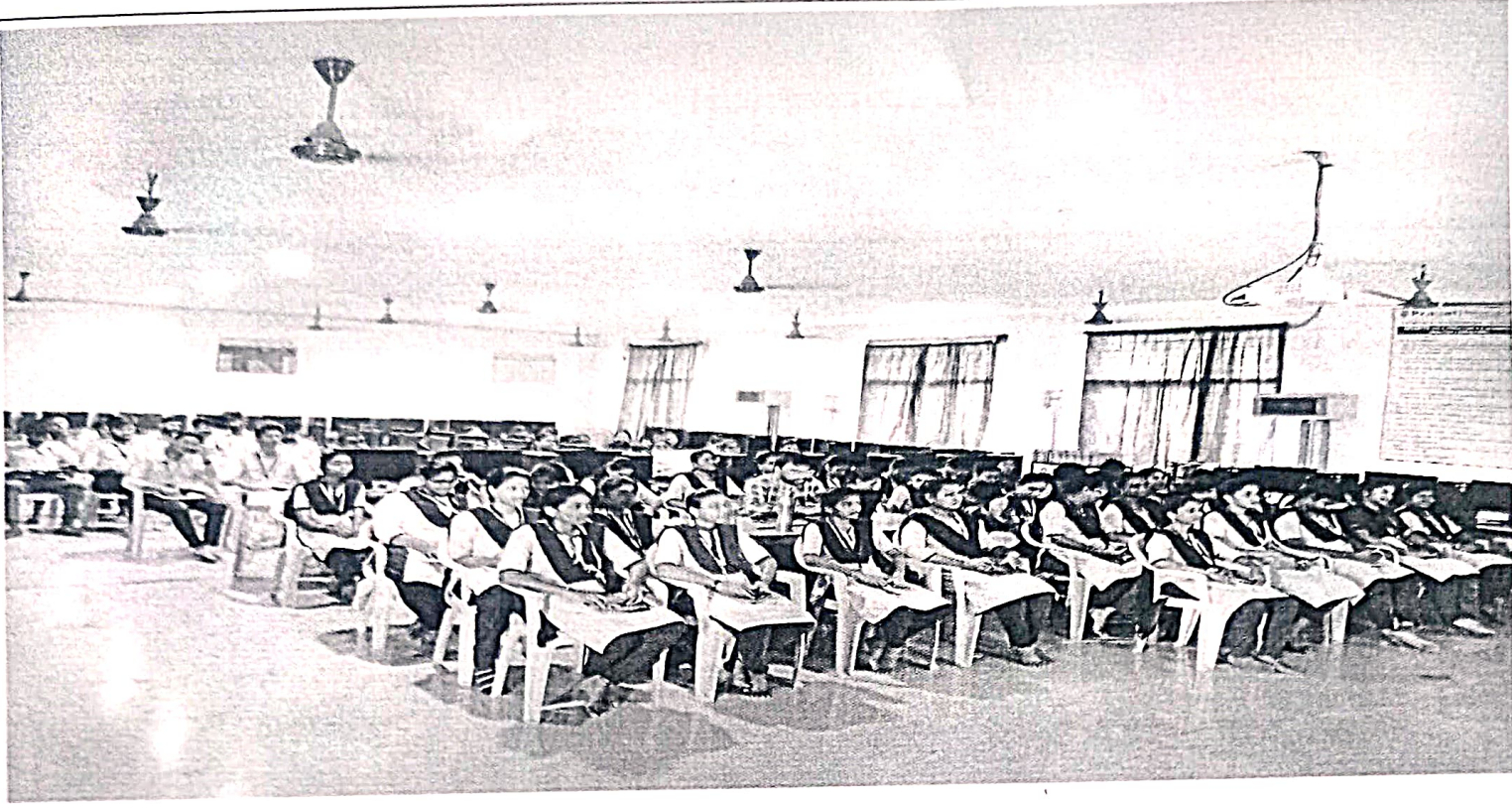
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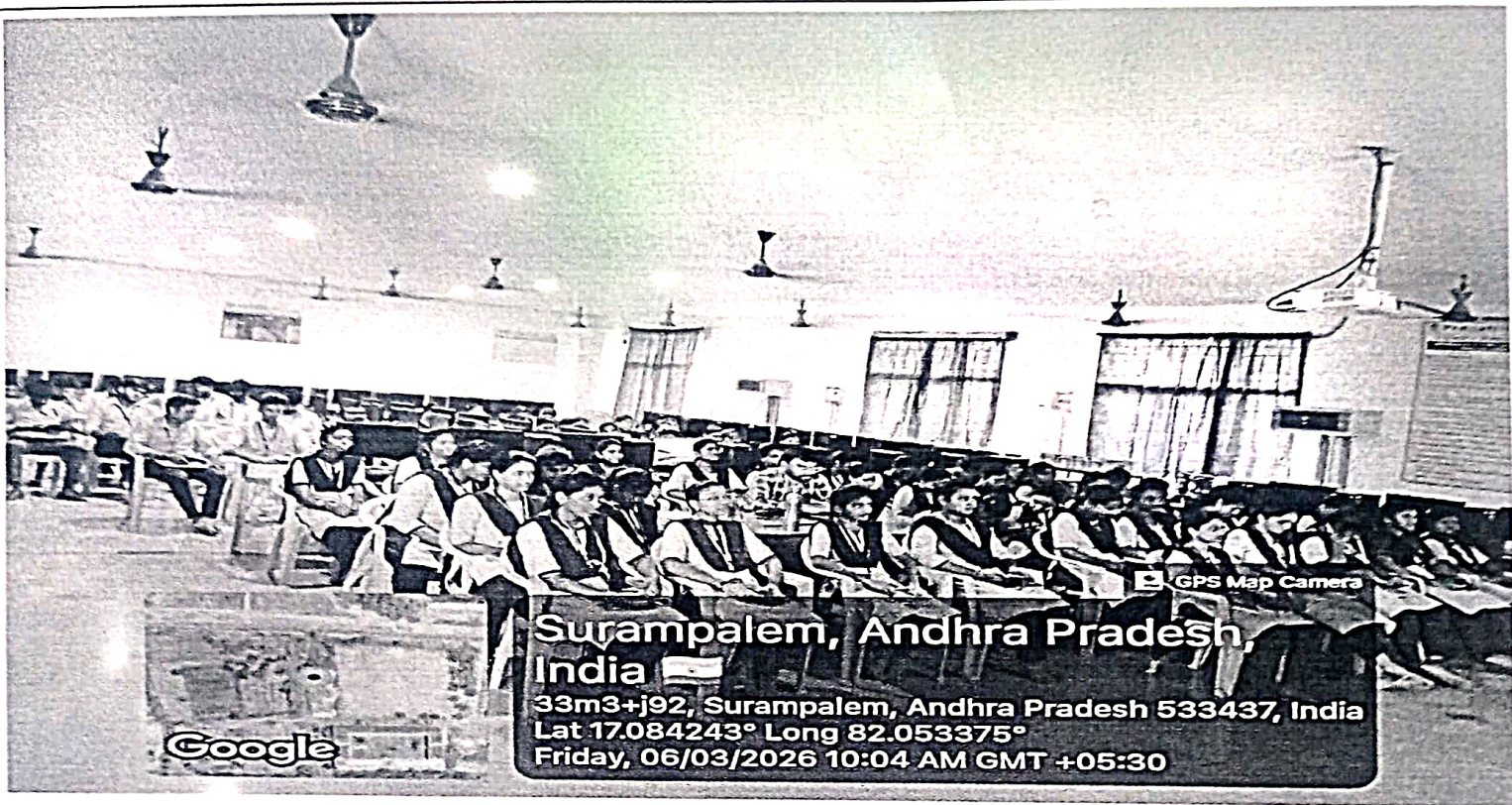




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DEPARTMENT OF INFORMATION TECHNOLOGY & CSE(CYBER SECURITY)

THEME OF THE EVENT:

Topic: Cloud Security with Claude AI

Date: 6th March 2026

Venue: IT Laboratory

Speaker: Dr. V. Sakthivel , Assistant Director –Software Development Cell (SDC), Associate Professor -School of Computer Science and Engineering (SCOPE), Vellore Institute of Technology –Chennai

REPORT:

Guest Lecture on Cloud Security with Claude AI

Cloud Security with Claude AI

Dr Sakthivel V

Assistant Director

Software Development Cell (SDC)

&

Associate Professor

School of Computer Science and Engineering (SCOPE)

VIT Chennai

06th March 2026

School of Computer Science and Engineering (SCOPE)

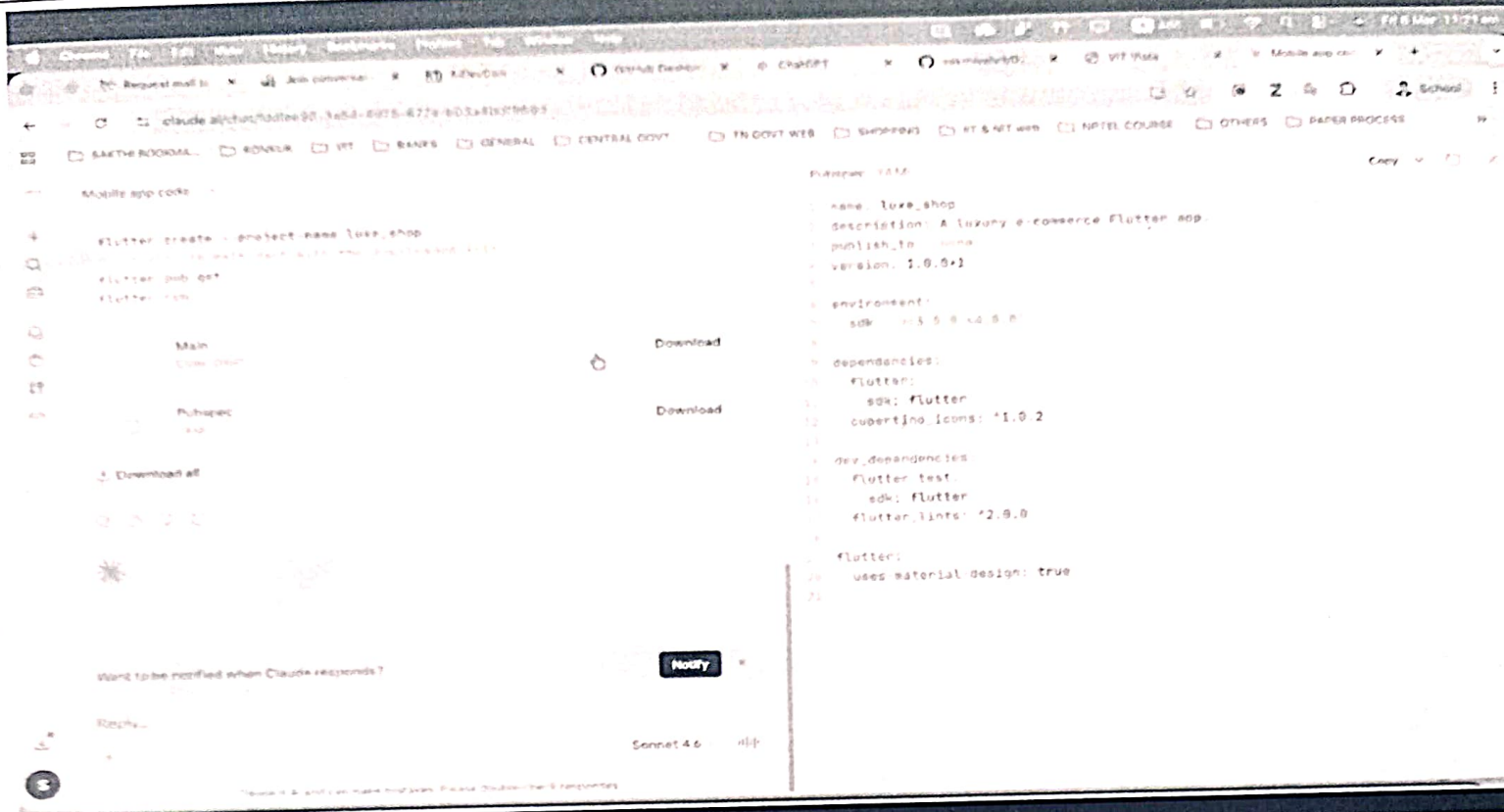




PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY & CSE(CYBER SECURITY)



CLOUD OWASP TOP 10

R1-Accountability & Data Risk

R2-User Identity Federation

R3-Legal & Regulatory Compliance

R4-Business Continuity & Resiliency

R5-User Privacy & Secondary Usage of Data

R6-Service & Data Integration

R7-Multi-tenancy & Physical Security

R8- Incidence Analysis & Forensics

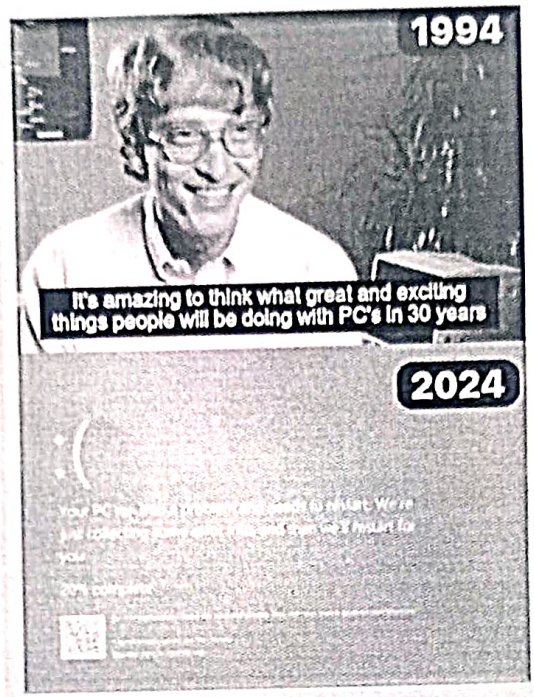
R9-Infrastructure Security

R10-Non-production Environment Exposure



School of Computer Science and Engineering (SCOPE)

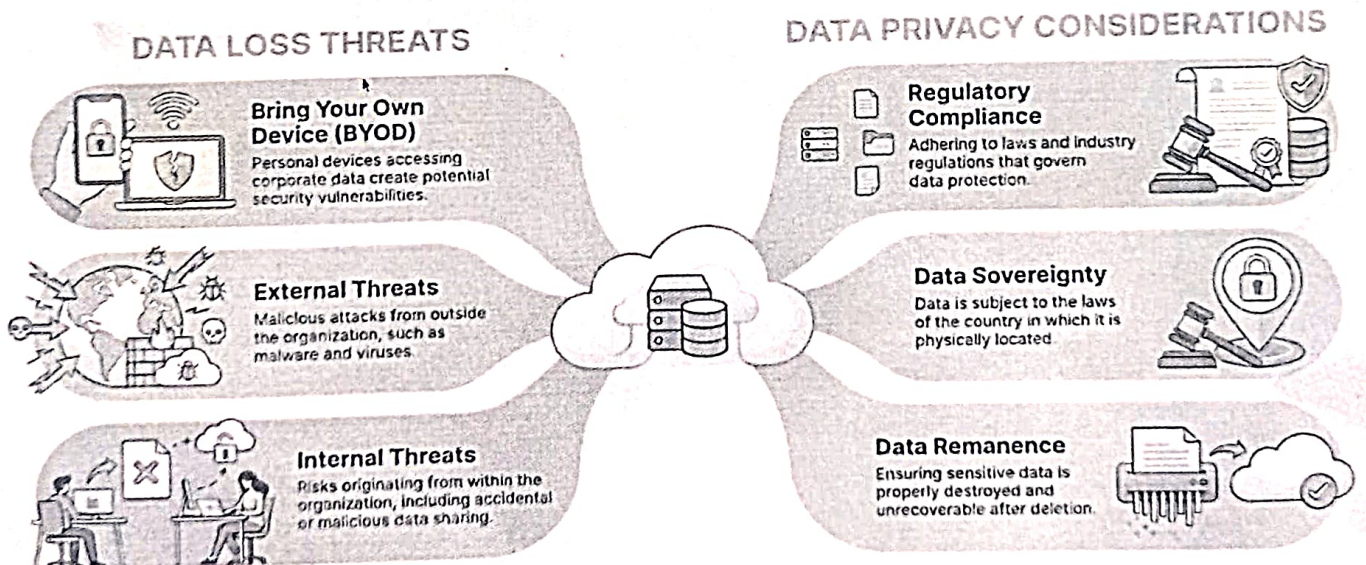
Pic of the Day



Dr. Sakthivel Velusamy, AsP, VIT – Chennai

School of Computer Science and Engineering (SCOPE)

Cloud Data Security: Key Threats & Privacy Concerns

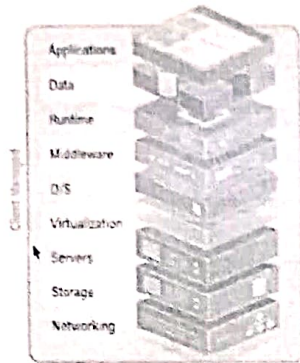




Cloud Service Models: Who Manages What?

On-Premises: You Manage Everything

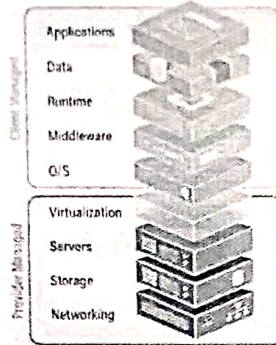
You are responsible for the entire stack, from networking hardware to the applications.



Managed By Client
 Applications, Data, Runtime,
 Middleware, O/S, Virtualization,
 Servers, Storage, Networking

Infrastructure as a Service (IaaS)

The provider manages the foundational hardware, while you manage the OS and everything above it.



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Managed By Client

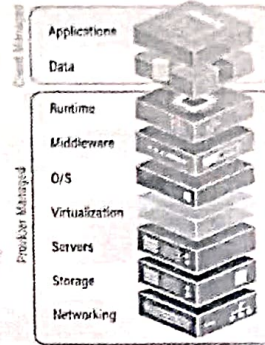
- Applications
- Data
- Runtime
- Middleware
- O/S

Managed By Provider

- Virtualization
- Servers
- Storage
- Networking

Platform as a Service (PaaS)

The provider manages the platform, letting you focus solely on your applications and data.



The provider manages the platform, letting you focus solely on your applications and data.

Managed By Client

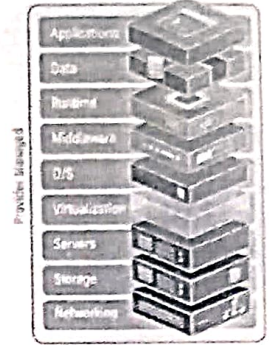
- Applications
- Data

Managed By Provider

- Runtime
- Middleware, O/S
- Virtualization
- Servers, Storage
- Networking

Software as a Service (SaaS)

The provider manages and delivers a complete, ready-to-use application.



The provider manages and delivers a complete, ready-to-use application.

Managed By Client

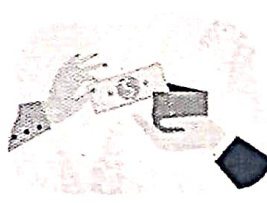
- None

Managed By Provider

- All Components



Find what



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A Quick Guide to Cloud Computing & Security

Understanding the Cloud

What is Cloud Computing?

The on-demand delivery of IT resources and applications through a cloud services platform via the internet.

Core Infrastructure Components

Cloud infrastructure is built on three pillars: computing, networking, and storage working together.

Primary Cloud Service Models

	SaaS	PaaS	IaaS
Use Case	CONSUME	BUILD ON IT	MIGRATE TO IT
Description	Licensing web applications on demand.	An environment for developers to design and build applications.	Provides core infrastructure like networking, storage, and servers.
Example	Microsoft 365	Salesforce.com	Rackspace

Key Security Challenges

Data Confidentiality: Keeping Data Private
Protecting data from unauthorized access using authentication, but insider threats remain a major concern.

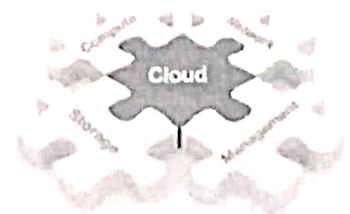
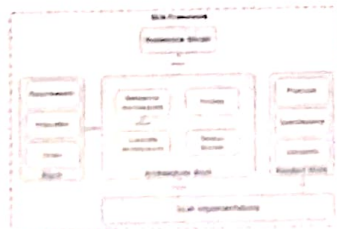
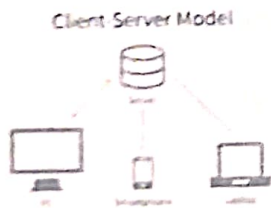
Data Integrity: Ensuring Data is Unaltered
Preserving information from unauthorized deletion, modification, or fabrication using techniques like digital signatures.

Data Availability: Guaranteeing Access to Data
Ensuring data can be recovered and used after accidents like hardware failures or network outages.

WHAT IS CLOUD COMPUTING

Cloud computing is

- The on-demand delivery of compute power, database storage, applications, and other IT resources through a cloud services platform via the internet
- not an object in itself, rather it comprises services and database that are accessed via web or any private network
- an information technology (IT) paradigm that enables ubiquitous access to shared pools of configurable system resources and higher-level services that can be rapidly provisioned with minimal management effort





The Evolution of Claude (2023–2026)

- **The Timeline of Intelligence**
- **2023: The "Helpful Assistant" (Claude 1 & 2):** Primarily used for writing and summarization. Security was a set of "refusals" (e.g., "I cannot help you hack").
- **2024: The Reasoning Leap (Claude 3.5):** Introduced "Artifacts" and early vision. It could look at an architecture diagram and point out basic flaws.
- **2025: The Agentic Shift (Claude 4.5):** Introduced "Computer Use." Claude could now interact with a desktop, terminal, and browser to perform multi-step tasks.
- **Feb 5, 2026: The Security Breakthrough (Claude Opus 4.6):** The launch of the first "Max Effort" reasoning model specifically tuned for deep codebase analysis.

▶ 4

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FACULTY CO-ORDINATOR

