



# PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF CSE (DATA SCIENCE)

**DATA ANALYTICS CLUB**

13-12-2025

## **A Report on the Data Analytics Club Activity**

As part of the technical activities under the **Data Analytics Club** of the Department of CSE (Data Science), this event was conducted.

**Name of the Event:** Technical Seminar

**Name of the Topic:** Cloud Computing

**Name of the Speaker:** G.Surya Prabha(23A31A4464)

**Date of the Event:** 13-12-2025

**Time of the Event:** 1:30 PM TO 2:30 PM

**Venue of the Event:** CF – 7(TECH BLOCK)

A total of 48 students attended this event. All the students have actively participated in the event.

### **Brief write-up of the Event:**

The Data Analytics Club organized an engaging session on “**Introduction to Cloud Computing**”. The session aimed to help students understand the fundamentals of cloud technology and its importance in modern software development and industry applications.

The speaker began by explaining the growing significance of cloud computing in today’s digital world, highlighting how organizations use cloud platforms to improve scalability, efficiency, and cost management. Students were introduced to key cloud concepts through clear explanations and practical examples.

#### **1. Cloud Service Models**

- Understanding cloud service models such as **Infrastructure as a Service (IaaS)**, **Platform as a Service (PaaS)**, and **Software as a Service (SaaS)**.
- Used for server hosting, application development, and software delivery over the internet.

#### **2. Cloud Deployment Models**

- Efficient use of Public, Private, Hybrid, and Multi-Cloud environments based on organizational needs.
- used to ensure security, cost efficiency, scalability, and compliance.

#### **3. Cloud Resource Optimization**

- Optimizing the usage of compute, storage, and network resources in cloud environments.
- Covered techniques such as auto-scaling, load balancing, and monitoring with examples of performance optimization and cost management.

### **HIGHLIGHTS AND KEY TAKEAWAYS:**

- Importance of cloud computing in modern IT and real-world applications
- Cloud Service Models (IaaS, PaaS, SaaS) for efficient resource usage
- Cloud Deployment Models for security, scalability, and flexibility
- Cloud Resource Optimization techniques for performance and cost efficiency



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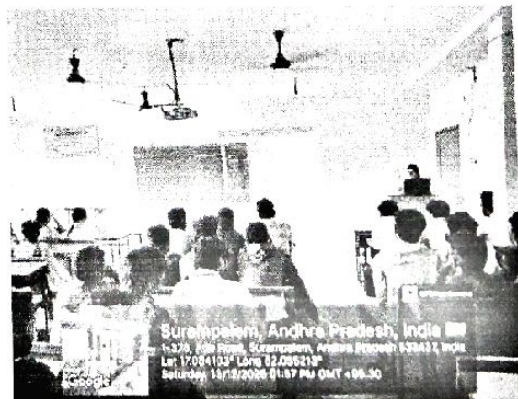
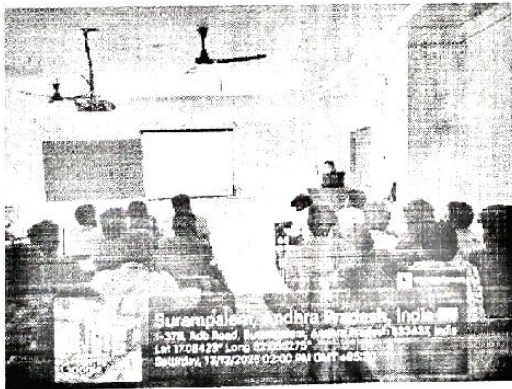
### POST-EVENT FEEDBACK:

Participants found the session highly informative and engaging, especially those new to cloud computing concepts. The practical guidance on cloud service models, deployment strategies, and resource optimization was well appreciated. The session helped simplify cloud technologies, making them easy to understand and valuable for academic projects, industry exposure, and real-world applications.

### Questions Raised by Students:

- How to choose the appropriate cloud service model for a given application
- Steps to deploy and manage resources efficiently in the cloud
- Best practices for ensuring data security and privacy
- Tips for gaining hands-on experience with cloud platforms and certifications

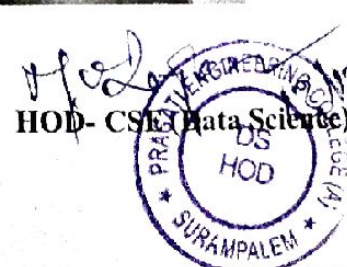
### PHOTOGRAPHS FROM THE EVENT:



Faculty-coordinator:

B. Jai Lakshmi

*[Signature]*







Learning is Supreme Duty

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(Approved by AICTE, Permanently Affiliated to JNTUK Kakinada & Accredited by NAAC)

1-378, ADB Road, Surampalem - 533 437, Near Peddapuram, E.G. Dist., A.P.

Ph: (08852) - 252233, 252234, 252235 Fax: (08852) - 252232

DEPARTMENT OF CSE (DATA SCIENCE)

## DATA ANALYTICS CLUB

Name of the Event: Data Analytics club

Title of the Event (Topic): cloud computing

Speaker (Resource Person) of the event: G. Susya Ratha

Date of the Event: 13-12-25 Time of the Event: 1:30pm - 2:30pm Venue of the Event: CF 7

List of Students Attended: 24

S.No	Roll Number	Name	Branch	Year	Signature of the student
1	24A31A4469	Bh. Hiranmai	DS	2nd	
2	24A31A4489	P. Ramya Sri	DS	2nd	
3	24A31A4490	Rajeshwari Thimari	DS	2nd	
4	24A31A4494	S. Jagadeeshwari	DS	2nd	
5	24A31A4495	N. Padma	DS	2nd	
6	24A31A4496	T. Sai Nikhitha	DS	2nd	
7	24A31A4488	P. Bhavani	DS	2nd	
8	24A31A4461	P.M. Srinidhi	DS	2nd	
9	25A35A4408	N. Supriya	DS	2nd	
10	25A35A4409	P. Sidvi Harika	DS	2nd	
11	25A35A4407	K. Divya Sri	DS	2nd	
12	24A31A44F7	P. Sujini	DS	2nd	
13	24A31A44E0	G. Mohana Ramya	DS	2nd	
14	24A31A44G2	S. Thaneelakshmi	DS	2nd	
15	25A35A4413	P. Sameera	DS	2nd	
16	24A31A44D7	Ch. Sairamya	DS	2nd	
17	24A31A44E5	P. Bharu Sree	DS	2nd	
18	25A35A4414	Arshatunnisa	DS	2nd	
19	24A31A44F2	MD. Ayisha	DS	2nd	
20	24A31A44E1	G. Bhavya Haritha	DS	2nd	
21	24A31A44E8	L. Simshi vardhini	DS	2nd	
22	24A31A4486	N. Annapurna	DS	2nd	
23	24A31A4474	G. Indu	DS	2nd	
24	24A31A4470	N. Chandu Sri	DS	2nd	

Name of the Student Coordinator

Signature of the Faculty Coordinator





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S.No	Roll Number	Name	Branch	Year	Signature of the student
1	24A31A4438	Ch. Sai Akhil	DS	II	<u>Ch. Sai Akhil</u>
2	24A31A4456	R. Veera Babu	DS	II <sup>nd</sup>	<u>R. Veera Babu</u>
3	24A31A4446	M. Vardhan Reddy	DS	II	<u>M. Vardhan Reddy</u>
4	24A31A4449	K. Haritha N. S. Varma	DS	II <sup>nd</sup>	<u>K. Haritha N. S. Varma</u>
5	24A31A4439	G. Dhieraj	DS	II <sup>nd</sup>	<u>G. Dhieraj</u>
6	24A31A4448	I. Sri Sai	DS	II <sup>nd</sup>	<u>I. Sri Sai</u>
7	25A35A4418	A. Bala Karthik Reddy	DS	II <sup>nd</sup>	<u>A. Bala Karthik Reddy</u>
8	24A31A4447	G. Krishna Koushik	DS	II <sup>nd</sup>	<u>G. Krishna Koushik</u>
9	24A31A4447	P. Durga praveen	DS	II <sup>nd</sup>	<u>P. Durga praveen</u>
10	24A31A4448	P. Sandeep	DS	II <sup>nd</sup>	<u>P. Sandeep</u>
11	24A31A4450	T. S. L. S. V. Sheshank	DS	II <sup>nd</sup>	<u>T. S. L. S. V. Sheshank</u>
12	24A31A4450	K. Suneel	DS	II <sup>nd</sup>	<u>K. Suneel</u>
13	24A31A4451	M. Chaitanya	DS	II <sup>nd</sup>	<u>M. Chaitanya</u>
14	24A31A4453	M. Siva Krishna	DS	II <sup>nd</sup>	<u>M. Siva Krishna</u>
15	24A31A4450	V. D. Rama Kishore	DS	II <sup>nd</sup>	<u>V. D. Rama Kishore</u>
16	24A31A4454	M. Adarsh	"	"	<u>M. Adarsh</u>
17	24A31A4458	P. Rakesh	"	"	<u>P. Rakesh</u>
18	24A31A4459	P. Sai Siva Vinay	"	"	<u>P. Sai Siva Vinay</u>
19	24A31A4457	S. Jeyarathan	"	"	<u>S. Jeyarathan</u>
20	24A31A4458	K. Shankar	"	"	<u>K. Shankar</u>
21	24A31A4458	B. Poteswara Rao	"	"	<u>B. Poteswara Rao</u>
22	24A31A4456	S. V. Siva Shankar Reddy	"	"	<u>S. V. Siva Shankar Reddy</u>
23	24A31A4456	M. L. Narayana Rao	"	"	<u>M. L. Narayana Rao</u>
24	25A35A4411	K. V. V. V. V. Rao	"	"	<u>K. V. V. V. V. Rao</u>

[Signature]

Name of the Student Coordinator

[Signature]

Signature of the Faculty Coordinator