



PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 30.08.2025

CIRCULAR

It is hereby informed to all the Students of III B.Tech that "CLOUD COMPUTING" club of IT Department in association with Career Guidance cell organizing a seminar on "Seminar on Microsoft Azure Fundamentals" on 03-09-2025. The students who are interested should register through the following link:

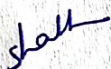
Registration link for the session:

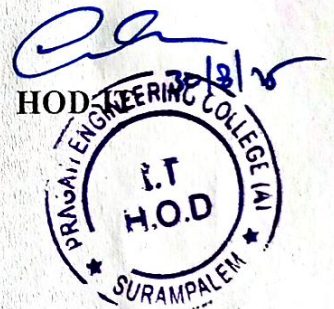
<https://forms.gle/pU8vKAbJNrdti5gf8>

Mode: Offline

Time: 2:00-3:00 PM

Venue: ES-11


Faculty Co-ordinator





Learning is Supreme Duty

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

“CLOUD COMPUTING CLUB” of IT Department in association with Career Guidance cell organized a seminar on “Seminar on Microsoft Azure Fundamentals”



PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
INDUSTRY 4.0 CLUB

CLOUD COMPUTING CLUB
OF IT DEPARTMENT IN ASSOCIATION WITH CAREER GUIDANCE CELL
ORGANIZES A SEMINAR ON
“Seminar on Microsoft Azure Fundamentals”



REGISTER NOW

LINK : <https://forms.gle/pU8vKAbJNrdti5gf8>

EVENT REGISTRATIONS ARE OPEN
(For II & III Year Students)

MODE: Offline
DATE: 03-09-2025
TIME: 2:00 PM to 3:00 PM

FACULTY COORDINATOR :
Mr. K.Siva Sankar
Asst. Prof. ,Dept. Of IT

PRESIDENT OF THE CLUB :
Ms. B.Pallavi (III IT)
CONTACT NO: 8519814601



Learning is Supreme Duty

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

List of students have been registered for the Seminar.

S.No.	Roll Number	Name of the student	Branch	Year
1	24A31A1221	REDDY PUJITHA RAMANI	IT	II Year
2	24A31A1212	KONATAM LAKSHMI PAVANI	IT	II Year
3	24A31A1213	KOTHURI SAI LAKSHMI PRANEETHA	IT	II Year
4	23A31A4647	SUNKARI CHAITANYA KUMAR	CSE(CS)	III Year
5	24A35A4601	ADAPA SAI LAKSHMI VYSHNAVI	CSE(CS)	III Year
6	24A35A4602	APPALABHAKTHULA LAKSHMI NAGA MOUNICA	CSE(CS)	III Year
7	24A35A4603	BATHULA VEERALAKSHMI	CSE(CS)	III Year
8	24A31A4617	KOLLI BHARATHI	CSE(CS)	II Year
9	23A31A1208	GIRADA URMILA	IT	III Year
10	23A31A4612	PADALA SOWMYA HARSHITHA	CSE(CS)	III Year
11	24A31A4605	BODDU GAYATRI	CSE(CS)	II Year
12	24A31A4606	BUDDANA HEMA MADHULIKA	CSE(CS)	II Year
13	23A31A4617	RAYUDU ASWITHA LAKSHMI	CSE(CS)	III Year
14	23A31A4618	SAMBATTULA SNEHASRI	CSE(CS)	III Year
15	23A31A4619	TEKUMUDI PAVANI SATYA DURGA DEVI	CSE(CS)	III Year
16	23A31A1214	JONNADA LAKSHMI ANU HASINI	IT	III Year
17	24A31A1226	TAMMAVARAPU PRAVALIKA	IT	II Year
18	24A31A1218	PATI SATHWIK	IT	II Year
19	23A31A1220	PEDAPATI DEVI SRI VARSHA	IT	III Year
20	24A31A4627	PUNYAMANTHULA VINEETHA SATYA	CSE(CS)	II Year
21	24A31A1254	PALURI NOOKESH	IT	II Year
22	23A31A1228	VELUGUBANTLA SREE CHANDRIKA	IT	III Year
23	24A31A4642	GORRIPATI NAVEEN	CSE(CS)	II Year
24	23A31A1248	MATTA MOHAN RAMA KRISHNA	IT	III Year
25	24A31A1230	VARADA V L B V KAMAKSHI	IT	II Year
26	24A31A4659	TETALA KRISHNA REDDY	CSE(CS)	II Year
27	24A31A4656	PONNAMANDA LOKESH SRI RAM	CSE(CS)	II Year
28	24A31A4663	VINTI JYOTHI CHARAN	CSE(CS)	II Year
29	23A31A4630	BASWA VEERA VENKATA CHAITANYA	CSE(CS)	III Year
30	23A31A1257	SHAIK NAGUR BASHA	IT	III Year
31	24A31A4663	VINTI JYOTHI CHARAN	CSE(CS)	II Year
32	24A31A4664	VIPPARTHI HARSHAVARDHAN	CSE(CS)	II Year
33	23A31A1256	SHAIK BAAJI	IT	III Year
34	24A31A1240	GUNNABATHULA B V VENKATA SATYA PREM KUMAR	IT	II Year
35	24A31A1241	JAMI AJAY	IT	II Year



PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

36	24A31A1242	KALAKURACHA LAKSHMAN RAJ	IT	II Year
37	24A31A4635	CHUNDRU SIVA SURYA	CSE(CS)	II Year
38	24A31A4644	GUBBALA HARSHA VARDHAN	CSE(CS)	II Year
39	23A31A4645	SASUPALLI TARUN	CSE(CS)	III Year
40	23A31A1235	DALU NIKESH	IT	III Year
41	23A31A1251	NALAMATI TEJA SAI	IT	III Year
42	23A31A1252	NEELAPU DEEKSHIT	IT	III Year
43	24A31A1261	SANA GURU MURALI	IT	II Year
44	23A31A1218	MONICA BATTULA	IT	III Year
45	23A31A1219	NUNE PAVANI	IT	III Year
46	24A35A4609	AMUJURI DURGA PRASAD	CSE(CS)	III Year
47	24A35A4610	CHILUKOTI SRINIVASA HARSHA VARDHAN	CSE(CS)	III Year
48	24A31A4631	AVALA CHANDU	CSE(CS)	II Year
49	24A31A4632	BUNGA AMAR SAI TEJA	CSE(CS)	II Year
50	24A31A1203	BEZAWADA NAGA RAMYA HARSHITHA	IT	II Year
51	24A31A1204	BODDU LEELA LAKSHMI MANI DURGA	IT	II Year
52	24A31A4649	KOULURI MOHAN PONNADHAR	CSE(CS)	II Year
53	24A35A1206	GANDEPALLI PAVAN	IT	III Year
54	24A35A1207	KANDA SIVA TEJA	IT	III Year
55	23A31A1219	NUNE PAVANI	IT	III Year
56	24A31A1215	MADDELA ANITHA	IT	II Year
57	24A31A1256	PENTAPATI SUBBA RAO	IT	II Year
58	24A31A1257	PINJALA VENKATESH	IT	II Year
59	25A35A4605	MAMIDALA VINAY DURGA KARTHIK	CSE(CS)	II Year
60	23A31A1245	KANURI PURNA MANITEJA	IT	III Year
61	23A31A1215	KARELLA RAJITHA	IT	III Year
62	25A35A1206	NUNNA VASANTH BABU	IT	II Year
63	23A31A1224	SRIPATHI BHARGAVI	IT	III Year
64	24A35A1212	TANNETI NAGA JASWANTH	IT	III Year
65	24A31A4663	VINTI JYOTHI CHARAN	CSE(CS)	II Year
66	24A31A4664	VIPPARATHI HARSHAVARDHAN	CSE(CS)	II Year
67	25A35A4601	KURRE SRI ADITYA VAISHNAVI	CSE(CS)	II Year
68	25A35A4602	PONNADA PAPA	CSE(CS)	II Year
69	23A31A1202	BANDARU SAI DEVI PALLAVI	IT	III Year
70	23A31A1203	BEERA VENNELA	IT	III Year
71	24A35A1211	TANAGALA TARAK SAI	IT	III Year
72	25A35A1205	KOTIPALLI VARMA	IT	II Year



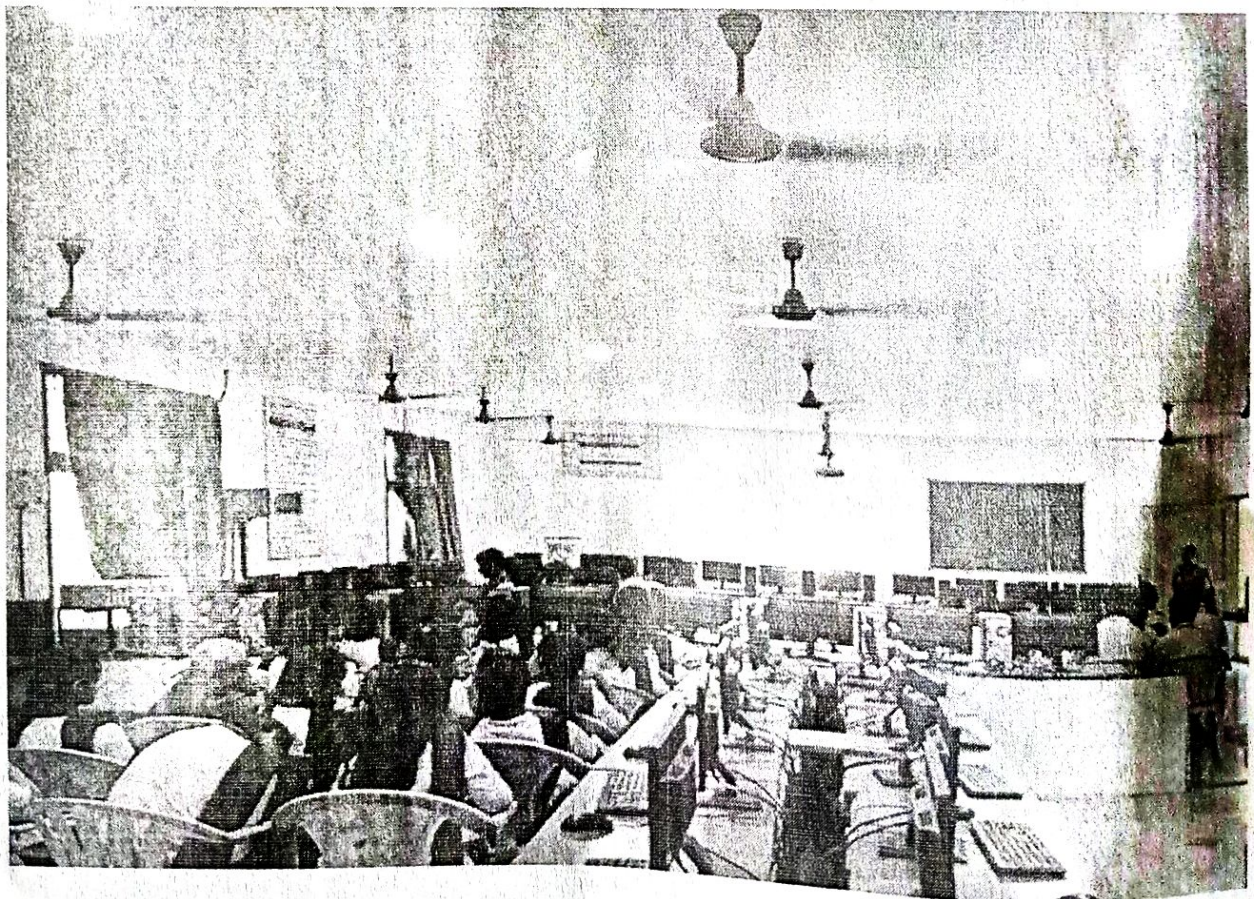
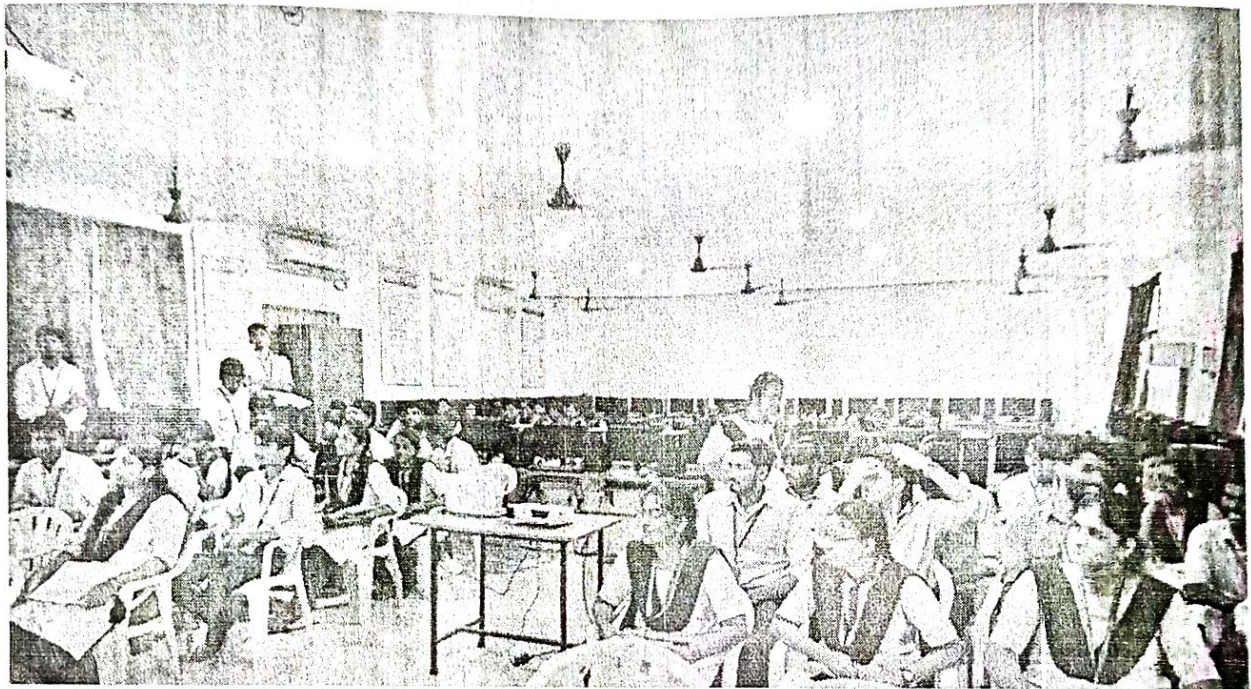
PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

The session “Seminar on Microsoft Azure Fundamentals” was taught by A.Sowmya

Here are the pictures of our offline workshop that we’ve conducted:-





PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

Report:

1. Introduction

What is Cloud Computing?

Cloud computing is the delivery of computing services—including servers, storage, databases, networking, software, analytics, and intelligence—over the internet (“the cloud”) to offer faster innovation, flexible resources, and economies of scale. Instead of owning their own computing infrastructure or data centers, companies can rent access to anything from applications to storage from a cloud service provider.

Overview of Microsoft Azure

Microsoft Azure is a cloud computing platform and service created by Microsoft. It provides a range of cloud services including those for computing, analytics, storage, and networking. Users can pick and choose from these services to develop and scale new applications or run existing applications in the public cloud.

Importance of Azure in Today’s Tech Landscape

- Azure is one of the top cloud platforms globally, competing with AWS and Google Cloud.
- It supports various programming languages, tools, and frameworks.
- It enables businesses to scale their IT resources up or down based on demand, reducing costs and increasing efficiency.
- Widely adopted by enterprises for digital transformation, hybrid cloud solutions, AI, and IoT projects.

Seminar Objectives and Agenda

- Understand the basic concepts of cloud computing and Azure.
- Learn about Azure’s core services.
- Explore security, pricing, and career opportunities.
- Get hands-on experience with Azure Portal and resources.

2. What is Microsoft Azure?

Definition and Background

Azure launched in 2010 as Microsoft’s cloud platform. It has grown rapidly, offering hundreds of services across data centers worldwide. It provides infrastructure and platform services and supports both public and hybrid cloud environments.



PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

Azure Global Infrastructure

Azure operates in many regions worldwide, with each region having multiple data centers. This global footprint helps deliver low latency, redundancy, and compliance with local regulations.

- **Regions:** Physical locations worldwide (e.g., East US, West Europe).
- **Availability Zones:** Physically separate data centers within a region that provide high availability.
- **Data Centers:** Buildings housing physical servers and networking equipment.

Types of Cloud Services

- **Infrastructure as a Service (IaaS):** Renting virtualized computing resources over the internet (e.g., Virtual Machines).
- **Platform as a Service (PaaS):** Provides hardware and software tools over the internet (e.g., Azure App Service).
- **Software as a Service (SaaS):** Delivers software applications over the internet (e.g., Microsoft 365).

3. Core Azure Services

Compute

- **Azure Virtual Machines (VMs):** On-demand scalable computing resources.
- **Azure App Services:** PaaS for building, deploying, and scaling web apps quickly.
- **Azure Functions:** Serverless compute service to run event-driven code without managing servers.

Storage

- **Blob Storage:** For unstructured data like images, videos.
- **Disk Storage:** Persistent block-level storage for VMs.
- **File Storage:** Managed file shares accessible via SMB protocol.

Networking

- **Virtual Networks (VNet):** Enables Azure resources to communicate securely.
- **Load Balancer:** Distributes traffic evenly across VMs or services.
- **VPN Gateway:** Securely connects on-premises networks to Azure.

Databases

- **Azure SQL Database:** Managed relational database service.
- **Cosmos DB:** Globally distributed, multi-model NoSQL database service.



PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

4. Security and Compliance in Azure

Azure Security Center

- Provides unified security management.
- Threat protection across hybrid cloud workloads.
- Continuous security assessment and recommendations.

Identity and Access Management

- **Azure Active Directory (Azure AD):** Cloud-based identity and access management service.
- Enables single sign-on (SSO), multi-factor authentication (MFA), and conditional access policies.

Compliance Certifications

- Azure complies with standards like GDPR, ISO 27001, HIPAA, FedRAMP, making it suitable for regulated industries.

5. Azure Pricing and Support

Pricing Models

- **Pay-as-you-go:** Pay only for what you use, with no upfront costs.
- **Reserved Instances:** Prepay to save on VMs for a 1- or 3-year term.
- **Spot Instances:** Use unused Azure capacity at significant discounts.

Cost Management Tools

- Azure Cost Management and Billing dashboard to monitor, allocate, and optimize cloud spending.

Support Plans

- Basic (free) to Premier (enterprise-grade support).
- Includes technical support, service level agreements (SLAs), and advisory services.



Learning is Supreme Duty

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

Feedback Link: <https://forms.gle/XQGqaDATKJ3sQPdv8>

S.No	Roll Number	Name of the student	Branch	Feedback
1	23A31A1228	VELUGUBANTLA SREE CHANDRIKA	IT	Excellent
2	24A31A4642	GORRIPATI NAVEEN	CSE(CS)	Excellent
3	23A31A1248	MATTA MOHAN RAMA KRISHNA	IT	Good
4	24A31A1230	VARADA V L B V KAMAKSHI	IT	Average
5	24A31A4659	TETALA KRISHNA REDDY	CSE(CS)	Excellent
6	24A31A4656	PONNAMANDA LOKESH SRI RAM	CSE(CS)	Good
7	24A31A4663	VINTI JYOTHI CHARAN	CSE(CS)	Excellent
8	23A31A4630	BASWA VEERA VENKATA CHAITANYA	CSE(CS)	Good
9	23A31A1257	SHAIK NAGUR BASHA	IT	Good
10	24A31A4663	VINTI JYOTHI CHARAN	CSE(CS)	Excellent
11	24A31A4664	VIPPARTHI HARSHAVARDHAN	CSE(CS)	Good
12	23A31A1256	SHAIK BAAJI	IT	Excellent
13	24A31A1240	GUNNABATHULA B V VENKATA SATYA PREM KUMAR	IT	Good
14	24A31A1241	JAMI AJAY	IT	Good
15	24A31A1242	KALAKURACHA LAKSHMAN RAJ	IT	Excellent
16	24A31A4635	CHUNDRU SIVA SURYA	CSE(CS)	Average
17	24A31A1221	REDDY PUJITHA RAMANI	IT	Excellent
18	24A31A1212	KONATAM LAKSHMI PAVANI	IT	
19	24A31A1213	KOTHURI SAI LAKSHMI PRANEETHA	IT	Good
20	23A31A4647	SUNKARI CHAITANYA KUMAR	CSE(CS)	Average
21	24A35A4601	ADAPA SAI LAKSHMI VYSHNAVI	CSE(CS)	Excellent
22	24A35A4602	APPALABHAKTHULA LAKSHMI NAGA MOUNICA	CSE(CS)	Excellent
23	24A35A4603	BATHULA VEERALAKSHMI	CSE(CS)	Excellent
24	24A31A4617	KOLLI BHARATHI	CSE(CS)	Average
25	23A31A1208	GIRADA URMILA	IT	Excellent
26	23A31A4612	PADALA SOWMYA HARSHITHA	CSE(CS)	Excellent
27	24A31A4605	BODDU GAYATRI	CSE(CS)	Average
28	24A31A4606	BUDDANA HEMA	CSE(CS)	Excellent



PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

		MADHULIKA		
29	23A31A4617	RAYUDU ASWITHA LAKSHMI	CSE(CS)	Excellent
30	23A31A4618	SAMBATTULA SNEHASRI	CSE(CS)	Good
31	23A31A4619	TEKUMUDI PAVANI SATYA DURGA DEVI	CSE(CS)	Good
32	23A31A1214	JONNADA LAKSHMI ANU HASINI	IT	Excellent
33	24A31A1226	TAMMAVARAPU PRAVALIKA	IT	Excellent
34	24A31A1218	PATI SATHWIKA	IT	Excellent
35	23A31A1220	PEDAPATI DEVI SRI VARSHA	IT	Excellent
36	24A31A4627	PUNYAMANTHULA VINEETHA SATYA	CSE(CS)	Excellent
37	24A31A4663	VINTI JYOTHI CHARAN	CSE(CS)	Excellent
38	24A31A4664	VIPPARTHI HARSHAVARDHAN	CSE(CS)	Excellent
39	25A35A4601	KURRE SRI ADITYA VAISHNAVI	CSE(CS)	Excellent
40	25A35A4602	PONNADA PAPA	CSE(CS)	Good
41	23A31A1202	BANDARU SAI DEVI PALLAVI	IT	Excellent
42	24A35A4609	AMUJURI DURGA PRASAD	CSE(CS)	Good
43	24A35A4610	CHILUKOTI SRINIVASA HARSHA VARDHAN	CSE(CS)	Good
44	24A31A4631	AVALA CHANDU	CSE(CS)	Good
45	24A31A4632	BUNGA AMAR SAI TEJA	CSE(CS)	Excellent
46	24A31A1203	BEZAWADA NAGA RAMYA HARSHITHA	IT	Excellent
47	24A31A1204	BODDU LEELA LAKSHMI MANI DURGA	IT	Excellent
48	24A31A4649	KOULURI MOHAN PONNADHAR	CSE(CS)	Excellent
49	24A35A1206	GANDEPALLI PAVAN	IT	Excellent
50	24A35A1207	KANDA SIVA TEJA	IT	Good
51	23A31A1219	NUNE PAVANI	IT	Excellent
52	24A31A1215	MADDELA ANITHA	IT	Excellent
53	24A31A1256	PENTAPATI SUBBA RAO	IT	Excellent
54	24A31A1257	PINJALA VENKATESH	IT	Good
55	25A35A4605	MAMIDALA VINAY DURGA KARTHIK	CSE(CS)	Good
56	23A31A1245	KANURI PURNA MANITEJA	IT	Excellent
57	23A31A1215	KARELLA RAJITHA	IT	Excellent
58	24A31A4644	GUBBALA HARSHA VARDHAN	CSE(CS)	Excellent
59	23A31A4645	SASUPALLI TARUN	CSE(CS)	Excellent



PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

60	23A31A1235	DALU NIKESH	IT	Excellent
61	23A31A1251	NALAMATI TEJA SAI	IT	Excellent
62	23A31A1252	NEELAPU DEEKSHIT	IT	Excellent
63	24A31A1261	SANA GURU MURALI	IT	Excellent
64	23A31A1218	MONICA BATTULA	IT	Excellent

Feedback Analysis Report:

We collected feedback from all the students via online. We have designed a feedback form for this.

Student's feedback on the event is presented below:

FEEDBACK	NO OF STUDENTS
Excellent	41
Good	18
Average	5
Total	64


Faculty Co-ordinator





PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

Learning is Supreme Duty

DEPARTMENT OF INFORMATION TECHNOLOGY

EVENT NAME: cloud computing club

S.No.	Roll Number	Name Of The Student	Branch	Signature
1.	23A31A1228	V. Sree Chandrika	IT	V.S. Chandrika
2.	24A31A4642	G. NAVEEN	CSE(CS)	G. Naveen
3.	24A31A1248	H.M.R. Krishna	IT	H.M.R. Krishna
4.	24A31A1230	V.V.LBV Kamakshi	IT	V.V. Kamakshi
5.	24A31A4659	T. Krishna Reddy	CSE(CS)	T.K. Reddy
6.	24A31A4656	P. lokesh sai ram	CSE(CS)	P. lokesh sai ram
7.	24A31A4663	V. Jyothi CHARAN	CSE(CS)	V. Jyothi Charan
8.	23A31A4630	B. V. Venkata Chaitanya	CSE(CS)	B.V.V. Chaitanya
9.	23A31A1257	SHAIK NAGLR BASHA	IT	S. Nagla Basha
10.	24A31A4663	Vinti jyothi charan	CSE(CS)	V. Charan
11.	24A31A4664	Vipparthi Harshavardhan	CSE(CS)	V.H. Vardhan
12.	23A31A1256	SHAIK BAAJI	IT	S. Baaji
13.	24A31A1240	Gunnabattula premkumar	IT	Premkumar
14.	24A31A1248	JAMI AJAY	IT	Ajay
15.	24A31A1242	LAKSHMAN RAJ	IT	Lakshman Raj
16.	24A31A4635	Ch. Siva Surya	CS	Siva Surya
17.	24A31A1221	R. Pujitha Rammani	IT	R. Pujitha Rammani
18.	24A31A1212	K. Lakshmi Pavani	IT	K. Pavani
19.	24A31A1213	K. Lakshmi	IT	K. Lakshmi
20.	23A31A4647	S. Chaitanya	CSE(CS)	S. Chaitanya
21.	24A35A4601	A. Sai Lakshmi Vishnavi	CSE(CS)	A. Sai Lakshmi
22.	24A35A4602	Appalabhatta Lakshmi NAGA MOUNIKA	CSE(CS)	A. Lakshmi
23.	24A35A4603	B. Veeralakshmi	CSE(CS)	B. Veeralakshmi
24.	24A31A4617	K. Bharathi	CSE(CS)	K. Bharathi
25.	23A31A1208	GIRAOA NRMILA	IT	Nrmila
26.	23A31A4612	P. Soomya Harshitha	CSE(CS)	P. Soomya
27.	24A31A4605	B. Gayatri	CSE(CS)	Gayatri
28.	24A31A4600	B. Hema madhulika	CSE(CS)	B. Hema
29.	23A31A4617	R. Ashwitha Lakshmi	CSE(CS)	R. Ashwitha



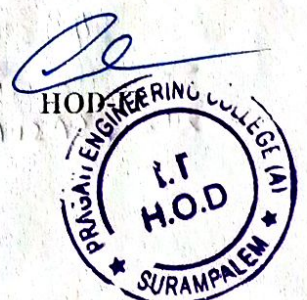
PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

S.No.	Roll Number	Name Of The Student	Branch	Signature
30	23A31A4618	S. Snehasri	CSE(CS)	Snehasri
31	23A31A4619	T. praveeni Satya Durga Devi	CSE(CS)	T. praveeni
32	23A31A4627	Vinetha Satya	CSE(CS)	Vinetha
33	23A31A4663	V. Jyothi Charam	CSE(CS)	Vinetha
34	23A31A1214	J. Lakshmi Anu Hasini	IT	J. Hasini
35	24A31A1226	T. Pravallika	IT	T. Pravallika
36	24A31A1218	P. Sathwikha	IT	P. Sathwikha
37	23A31A1220	P. Devi Sri Varsha	IT	P. D. Svarsha
38	24A31A4664	V. Harsha Vardhan	CS	V. Harsha
39	25A35A4601	K. Sri aditya Varshana	CS	Aditya Varshana
40	25A35A4602	P. Papa	CSE(CS)	P. Papa
41	23A31A1202	B. S. devi pallavi	IT	devi
42	24A35A4609	A. Durga Prasad	CSE(CS)	A. prasad
43	24A35A4610	C. S. H. Vardhan	CSE(CS)	Harsha Vardhan
44	24A31A4631	A. Chandu	CSE(CS)	chandu
45	24A31A4632	B. amar sai teja	CSE(CS)	Sai teja
46	24A31A1203	B. Naga ranya harshitha	IT	B. Ranya
47	24A31A1204	B. Leela Lakshmi Mani Durga	IT	B. Durga
48	24A31A4649	Kouluri Mohan Ponnadhar	CSE(CS)	K.M. Ponnadhar
49	24A31A4606	gandepalli pavan	IT	G. pavan
50	23A31A1219	nune pavani	IT	N. pavani
51	24A35A1207	kanda Srva Teja	IT	K. Srva
52	24A31A1215	MADDELA Anitha	IT	Anitha
53	24A31A1250	Pentapati Subbarao	IT	P. Subbarao
54	24A31A1257	Pinjala Venkatesh	IT	P. Venkatesh
55	25A35A4605	M. V. D. Koushik	IT	M.V.D. Koushik

COORDINATOR





PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

[illegible]

COORDINATOR


HOD-IT

