PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

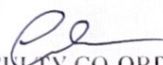Date: 11-12-2023

CIRCULAR

It is hereby informed to all the Students of II& III B.Tech. that "CLOUD COMPUTING" club of IT

Department in association with Career Guidance cell organizing a Webinar on

"**VIRTUALISATION**" on 13-12-2023. The students who are interested should register through the
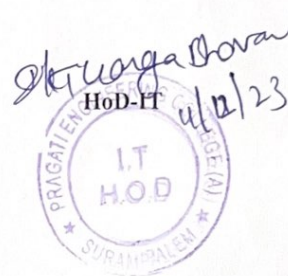
following link:

Registration link for the session
https://forms.gle/SvwFvG4hRmMdS3Cw7
Mode: Online

Time: 3PM to 4PM

FACULTY CO-ORDNATOR

HoD-IT   4/12/23

PRAGATI ENGINEERING COLLEGE
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Date: 13-12-2023
Day: Wednesday

"CLOUD COMPUTING CLUB" of IT Department in association with Career Guidance cell organized a Webinar on "VIRTUALISATION"

Registration link for the session:-
https://forms.gle/SvwFvG4hRmMdS3Cw7

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List of students from II & III year have been registered for the Seminar.
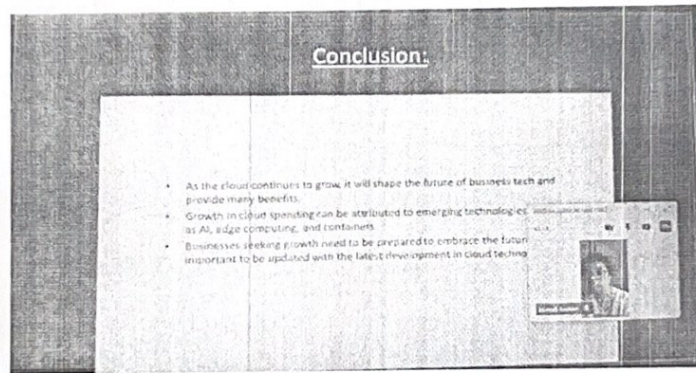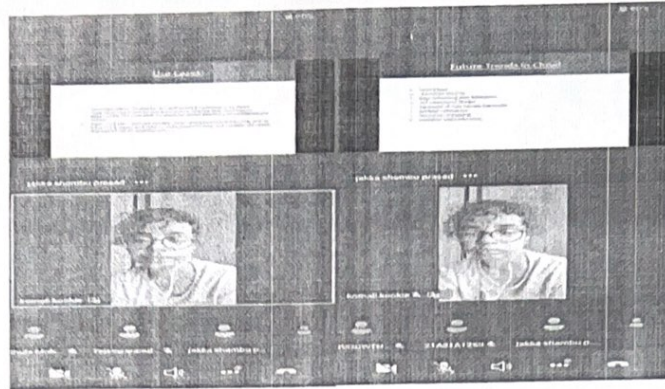Branch wise report is as follows:-

Name	Roll Number	Branch	Year
CHODAVARAPU SRIRAM	22A31A4482	CSE	II
Akhil Bolle	21A31A1235	IT	III
Shaik Zuheruddin	21A31A1259	IT	III
G. Shiva sai	21A31A1240	IT	III
TAMALAMPUDI SRIGOWTHAMREDDY	21a31a1262	IT	III
Nalli Dhana Ganesh	21A31A1254	IT	III
Pothula Mohana Surya Kumari	21A31A4421	CSE-DS	III
Akshitha	21a31a0595	CSE	III
SYED MUJAHID HUSSAIN	21A31A0354	MECH	III
Pavan kumar reddylingam	22A31A0449	ECE	II
MALLIDI SAI SURESH REDDY	21A31A1248	IT	III
Ravi kumar	22A31A0361	MECH	II
K. Komali venkateswari	21a31a04k9	ECE	III
KOVVURI TEJA HARI SUMANTH REDDY	22a31A0370	MECH	II
KOKKARLAGADDA BHARATH KUMAR VARMA	22A31A42A4	CSE-AIML	II
Peddireddy Tejeswarareddy	21A31A04B7	ECE	III
KARRI SOMASHEKHARA SIVA KALYAN REDDY	21A31A1244	IT	III
N. Chakri Nagasai	23A35A0237	EEE	II

The session **"VIRTUALISATION"** was taught by K. Komali Venkateswari(III ECE).

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Pictures:

What is Virtualization?

- Virtualization in cloud computing is a fundamental concept that involves creating virtual versions of various computing resources, such as servers, storage, or networks.
- These virtualized resources are not tied to specific physical hardware; instead, they operate independently and efficiently within a shared pool of resources.

Importance of virtualization :

- Slash your IT expenses.
- Reduce downtime and enhance resiliency in disaster recovery situations
- Increase efficiency and productivity
- Control independence and DevOps
- Move to be more green-friendly (organizational and environmental)

Types of Virtualization:
- Server Virtualization
- Desktop Virtualization
- Network Virtualization
- Storage Virtualization
- Application Virtualization
- Hardware Virtualization
- Memory Virtualization
- Data Virtualization
- Desktop Virtualization
- GPU Virtualization

Virtualization Technologies:
There are different types of virtualization technologies.
Popular virtualization technologies are:
- Vmware
- Hyper-V
- KVM
- Xen

Benefits of Virtualization in the Cloud:
- Lower operating costs
- Increased security
- Less downtime
- More efficient disaster recovery
- Protection from system failures

CONCLUSION :

- As the cloud continues to grow, it will shape the future of business tech and provide many benefits.
- Growth in cloud spending can be attributed to emerging technologies such as AI, edge computing, and containers.
- Businesses seeking growth need to be prepared to embrace the future. It is important to be updated with the latest development in cloud technology.

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We've provided a feedback link to the participants and the feedback given by them is as follows:

Link: **https://forms.gle/4MmnRsBoWEVWikmC7**

Name	Year	Feedback	Email
Nalli Dhana Ganesh	III	Excellent	nallidhanaganesh@gmail.com
Sai Mohith Kadiyala	III	Excellent	ksmohith8055@gmail.com
Peddireddy Tejeswarareddy	III	Excellent	tpeddireddy007@gmail.com
Shaik Zuheruddin	III	Good	21a31a1259@pragati.ac.in
Pothula Mohana Surya Kumari	III	Good	mohanamona476@gmail.com
vijay kumar reddy	II	Excellent	vempativijay437@gmail.com
Satya Surya Teja kolli	III	Good	satyasuryateja9@gmail.com
Sri Naga Devi	III	Good	srinagadevipasupuleti5@gmail.com
RelangiJaiSatyaShankar	II	Average	satyashankar103@gmail.com
N. Chakri Nagasai	II	Excellent	chakri582004@gmail.com
Venkatesh Thallapu	III	Good	Venkytallapu@gmail.com
Gudala Satya Sai	III	Good	satyasaiuma2003@gmail.com
M.surya kumari	III	Good	suryakumarimukka333@gmail.com
Adilakshmi	II	Good	chinnasamireddy1234@gmail.com
K.Sri Satyanarayana Reddy	III	Good	Satyareddy7222@gmail.com
N. Vasavi	II	Good	narkidimillivasavi1234@gmail.com
Mohana Surekha Kolla	III	Good	mohanasurekhakolla@gmail.com
Honey Susila	III	Excellent	honeysusila@gmail.com

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	6
Good	11
Average	1
Total	18

Participation certificates issued to all the participants.