PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 16-09-2023

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 "**CLOUD ANALYTICS**" on 20-09-2023. The students who are interested should register through the following link:

Registration link for the session
https://forms.gle/W82CBs2b4T3AVkCx9

Mode: Online

Time: 7PM to 8PM

FACULTY CO-ORDiNATOR

HoD-IT

PRAGATI ENGINEERING COLLEGE (A) I.T Dept. SURAMPALEM

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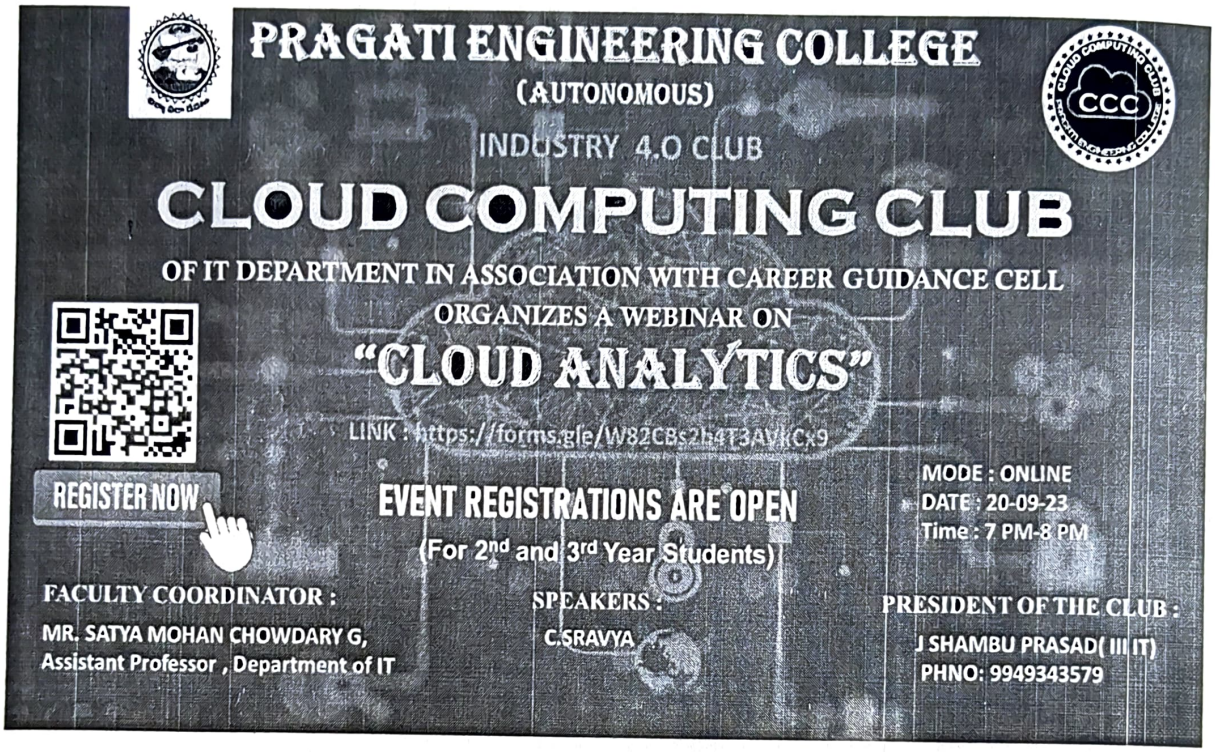
DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 20-9-2023
Day: Wednesday

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



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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
Dasam Harisaran	22A31A04G4	ECE	II
Y.Kiran Kumar	23A35A4228	CSE-AIML	II
Venu Palisetti	22A31A4317	CSE-AI	II
Sanjana. V	22A31A43E1	CSE-AI	II
Srinivas yanapu	22A31A02A2	EEE	II
Meka Yesasri	22A31A4280	CSE-AIML	II
M. Reshma	22A31A4278	CSE-AIML	II
B Ashwitha	21A31A0468	ECE	III
V.Harsha	22A31A44B6	CSE-DS	II
Nagulapalli Venkata Karthik	22A31A0291	EEE	II
O K N SURYA PRAKASH	22A31A1254	IT	II
M.RamaSuresh	23LECO1201	IT	II
SRIJA SWAROOPA RAYI	22A35A0402	ECE	III
B.Sumasri	21A31A0470	ECE	III
Sana Navya	21A31A0489	ECE	III
N. Chakri Nagasai	23lecon209	EEE	II
Koppula Gayathri	22A31A0260	EEE	II
Boggavarapu Akshita Neha	22a31a4363	CSE-AI	II
AVASARALA N D S D KAMESWARA MADHAV	23-EEE-207	EEE	II
Muddana Tejeswar	22A35A0236	EEE	III
Koppana Rajesh	22A31A0446	ECE	II
Lanke Vidya sree	21A31A04F2	ECE	III
Boddu Venkata Krishna Madhav	22A31A0273	EEE	II
Ketha Vijayalakshmi	21a31a0485	ECE	III
Lavanya Jyothi Boppe	21A31A04D7	ECE	III
J Satynarayana	23A35A4208	CSE-AIML	II
GANESH PRANAVA PENTAPATI	21A31A4249	CSE-AIML	III
Sree ananda naga sai durga anjani	22A31A0257	EEE	II
SAI RAGHAVA ADITYA MADABATHULA	22A31A4245	CSE-AIML	II
K.satyanarayana	22A31A0362	MECH.	II
Kotha Geethika	21A31A0477	ECE	III
Sadhwika Jonnabhatla	21A31A0474	ECE	III
B S S S Pravallika	21A31A0471	ECE	III
B.R.Angel	21A31A0469	ECE	III
Gayathri kothuri	21A31A0517	CSE	III
Sameera	21A31A0528	CSE	III
Mandru Swarna	21a31a4217	CSE-AIML	III
Yadla Vamsi Krishna	2023EE212	EEE	II
R.Adinarayana	23-MEC-301	MECH.	II
Sankar Addala	21A31A4254	CSE-AIML	III
Aduri Karthik	Lateral Entry	EEE	II

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Varsha sri	22A31A0259	EEE	II
G. Sai phanindra	Not yet given	CSE-AI	II
Bhavani Yannamsetti	22A31A4294	CSE-AIML	II
Kudupudi Rushi	LE	EEE	II
Sanjeev Gummidi	LE	EEE	II
Prasad	23LEECON211	EEE	III
Varipilli Sri Venkata Karthikeya	23EE203	EEE	II
Uma maheswar	23EEE201	EEE	II
Uma	23LECON207	EEE	II

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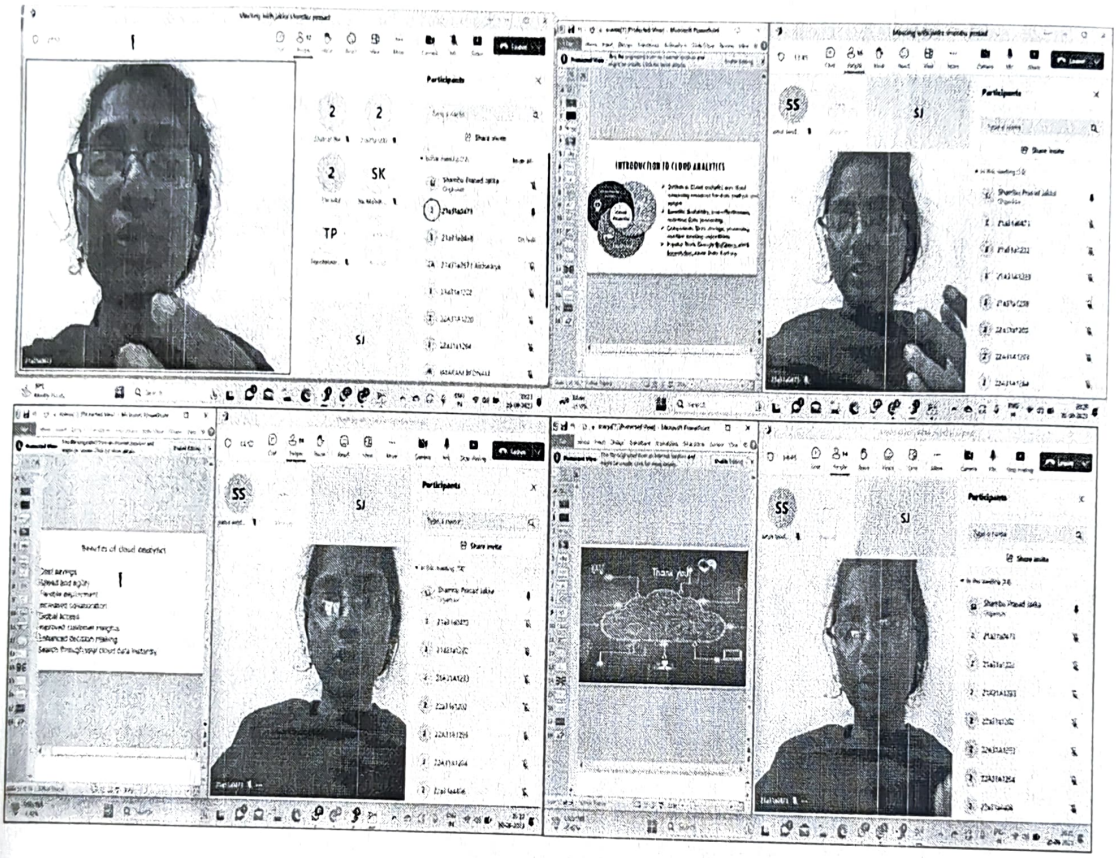
The session **"CLOUD ANALYTICS"** was taught by C. Sravya ().

Here are the pictures of our online meeting that we've conducted:-



INTRODUCTION TO CLOUD ANALYTICS:

- Cloud analysis is to carry out analysis using cloud computing .
- Cloud analytics describes the application Of analytic algorithms in the cloud against data in a private or public cloud to then deliver a result of interest
- Cloud analytics involves deployment of scalable cloud computing with powerful analytic software to identify patterns in data and to extract new insights.

CLOUD ANALYTICS IS ALL ABOUT :

1. **Data sources:** These are the original sources of data which could include ERPs, CRMs, social media data, or website usage data. An example of a cloud-based data source would be Twitter sentiment.
2. **Data models:** Cloud-based data models make sense of and standardize how data points are related to each other. These are typically created with structured data types.

3. **Computing power:**Companies need raw computing power at scale to ingest, structure, clean, analyze, and serve business data
4. **Sharing and/or storage of:** Data warehouses as a service enable organizations to quickly implement a modern analytics architecture and easily scale.Cloud analytics encompasses any implementation of these elements in the cloud. Popular cloud computing platforms, which include most of these needed components, are Amazon Web Services (AWS) and Microsoft's Azure.

PILLARS OF CLOUD ANALYTICS :

1. SCALABILITY
2. COST REDUCTION
3. DATA CONSOLIDATION

- **Scalability**
- With cloud analytics services, organizations can scale up to accommodate spikes in demand by bringing more instances online (or reducing them when demand dips) and paying only for what they use.

Cost reduction :

- In addition to the costs of the various hardware requirements, on-premise platforms need frequent upgrades and migrations, invariably leading to system downtime affecting business continuity. On-premise analytics also necessitate specialized skill sets that some organizations don't or can't afford to have in-house.

Data Consolidation :

- Cloud analytics brings all of a company's data sources together to produce a more complete picture. All stakeholders, regardless of their physical location (or the data's location), can easily access this data in one place, to gain more accurate insights and make better business decisions in real-time.

CONCLUSION :

The Future Is HereAs cloud analytics continues to evolve and mature, enterprises will need to . adapt and evolve to keep pace with accelerating technological change.

- Powerful Insights Cloud analytics provides a powerful set of tools for unlocking insights and driving better decisions .
- New OpportunitiesEnterprises stand to gain significant strategic and operational benefits by leveraging cloud analytics to their advantage.

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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/w9RfcfsTnFMQp8mq9**

Name	Year	Feedback	Email
Sai Mohith Kadiyala	III	EXCELLENT	ksmohith8055@gmail.com
G.Prashanthi Shiva Sai Priya	II	EXCELLENT	priya.garikana@gmail.com
Bantumilli Rahena	II	GOOD	rahena5555@gmail.com
Satya Lakshmi Sanjana Bandaru	II	GOOD	sanjanabandaru05@gmail.com
Boggavarapu Akshita Neha	II	AVERAGE	akshitaboggavarapu@gmail.com
vempati vijay	II	GOOD	vempativijay437@gmail.com
K.Gnana Keerthana	II	EXCELLENT	keerthansankeerthan1919@gmail.com
N. Chakri Nagasai	II	EXCELLENT	chakri582004@gmail.com
M D V V S SWAROOP	II	GOOD	swaroopmanchala323@gmail.com
Shaik Towfiq	II	GOOD	towfiqshaik006@gmail.com
Monish Allam	III	GOOD	monishallam01@gmail.com
Surya Kowsalya Arigela	II	GOOD	arigelakowsalya9@gmail.com
G Manasa sree vyshnavi	II	GOOD	vyshnaviprakash1394@gmail.com
Aneela Deepthi Singarapu	III	GOOD	21a31a4426@gmail.com
Peethala chinna	III	GOOD	peetalachinna@gmail.com
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Charmila Inapakolla	III	EXCELLENT	inapakollacharmila@gmail.com
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A SUMANOHARI SHANU	II	GOOD	shanu45261@gmail.com
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Meka Yesasri	II	EXCELLENT	yesasri8889@gmail.com
CHARAN TEJA PALLETI	II	EXCELLENT	palleticharanteja@protonmail.com
Ruben Joy Adapa	II	GOOD	gloryyjoyy123@gmail.com
REDNAM LAKSHMI JAYARAM PRAKASH	II	GOOD	jayaramprakash001@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	10
Good	14
Average	1
Total	25