



PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 06-11-23

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 an online quiz on "CLOUD COMPUTING" on 09-11-2023. The students who are interested should register through the following link:

Registration link for the Quiz:

<https://forms.gle/vagN56XSdjREBEweA>

Mode: Online

Time: 7.30 PM to 8.00 PM

FACULTY CO-ORDNATOR





PRAGATI ENGINEERING COLLEGE

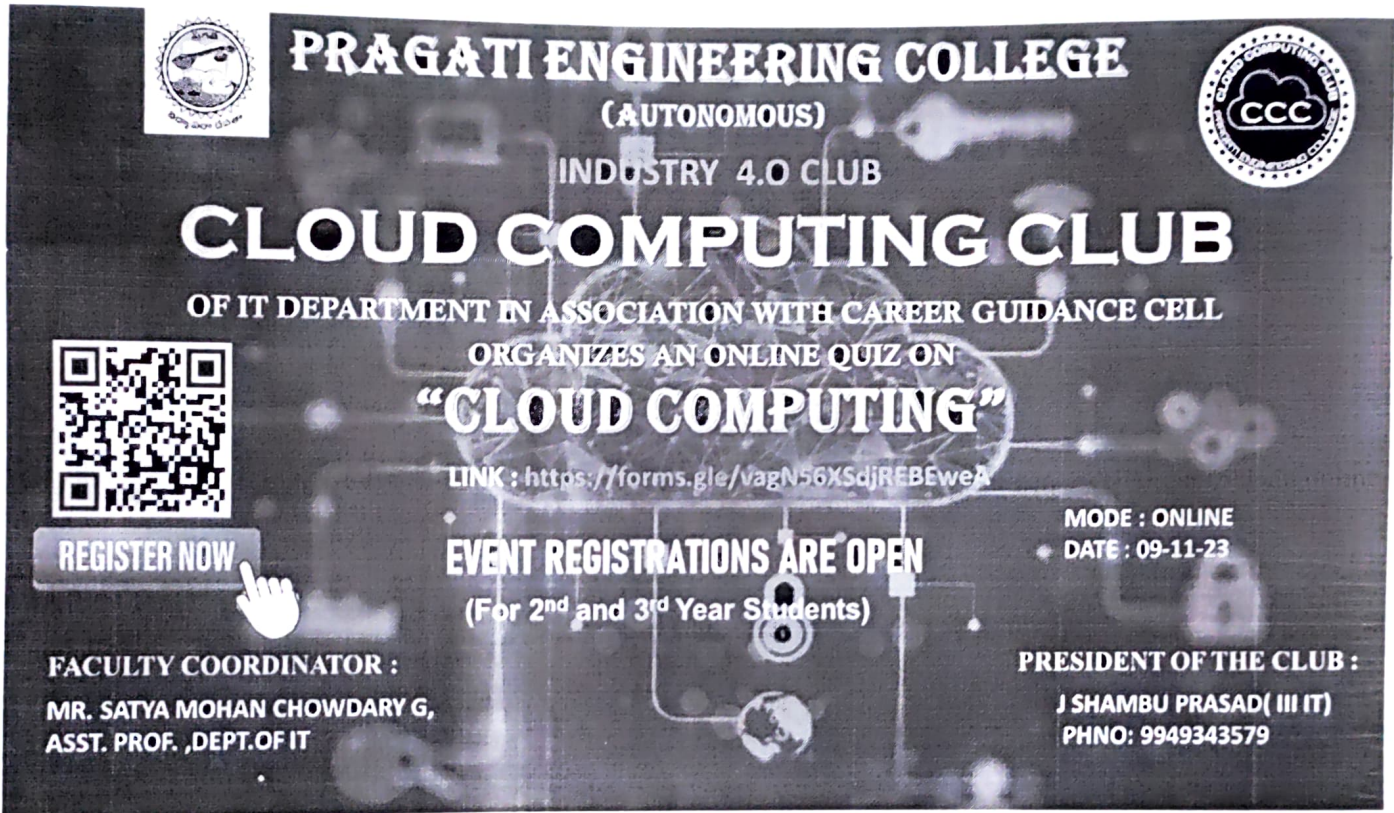
(AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 09-11-2023

Day: Thursday

“CLOUD COMPUTING CLUB” of IT Department in association with Career Guidance cell organized an online quiz on “CLOUD COMPUTING”.



The poster features a dark background with a network of white lines and nodes. At the top left is the college logo, and at the top right is the Cloud Computing Club (CCC) logo. The main text is centered and reads: 'PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) INDUSTRY 4.0 CLUB CLOUD COMPUTING CLUB OF IT DEPARTMENT IN ASSOCIATION WITH CAREER GUIDANCE CELL ORGANIZES AN ONLINE QUIZ ON "CLOUD COMPUTING"'. Below this is a QR code and a 'REGISTER NOW' button with a hand cursor. The registration link is provided as 'LINK : https://forms.gle/VagN56XSdjREBEweA'. The event details are: 'EVENT REGISTRATIONS ARE OPEN (For 2nd and 3rd Year Students)'. The mode is 'MODE : ONLINE' and the date is 'DATE : 09-11-23'. The faculty coordinator is 'MR. SATYA MOHAN CHOWDARY G, ASST. PROF. ,DEPT.OF IT' and the president of the club is 'J SHAMBU PRASAD (III IT) PHNO: 9949343579'.

PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
INDUSTRY 4.0 CLUB
CLOUD COMPUTING CLUB
OF IT DEPARTMENT IN ASSOCIATION WITH CAREER GUIDANCE CELL
ORGANIZES AN ONLINE QUIZ ON
“CLOUD COMPUTING”
LINK : <https://forms.gle/VagN56XSdjREBEweA>
MODE : ONLINE
DATE : 09-11-23
EVENT REGISTRATIONS ARE OPEN
(For 2nd and 3rd Year Students)
FACULTY COORDINATOR :
MR. SATYA MOHAN CHOWDARY G,
ASST. PROF. ,DEPT.OF IT
PRESIDENT OF THE CLUB :
J SHAMBU PRASAD (III IT)
PHNO: 9949343579



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List of students from II & III year have been registered and participated for the Quiz.

The list is as follows :-

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Questions asked in the online quiz:

1. What is Edge Computing primarily designed for?

- a) Real-time data processing
- b) Reducing latency and processing data closer to the source
- c) Centralized data storage
- d) Cloud-based gaming

2. Which of the following is NOT a benefit of Edge Computing?

- a) Reduced network latency
- b) Improved data security
- c) Centralized data processing
- d) Enhanced real-time decision-making

3. Which device is commonly used in Edge Computing setups?

- a) Customer server
- b) IoT sensors
- c) Smartphone
- d) Home computer

4. In Edge Computing, where is data processed?

- a) Connected data center
- b) Cloud server
- c) At the edge devices
- d) All of the above

5. Which industry benefits the most from Edge Computing applications?

- a) Agriculture
- b) Retail
- c) Entertainment
- d) None of the above

6. What is the primary challenge in implementing Edge Computing solutions?

- a) Limited bandwidth
- b) High latency
- c) Data security
- d) Limited processing power

7. What is a common method to secure data in the cloud?

- a) Encryption
- b) Access control
- c) Regular updates
- d) All of the above

8. Which of the following is NOT a potential cloud security threat?

- a) Data breach
- b) Denial of Service (DoS)
- c) Insider threat
- d) Hardware failure

9. What does the acronym "IAM" stand for in the context of cloud security?

- a) Identity and Access Management
- b) Internet of Things
- c) Information Assurance
- d) Incident Response

10. Which cloud service model is most responsible for security measures?

- a) IaaS (Infrastructure as a Service)
- b) PaaS (Platform as a Service)
- c) SaaS (Software as a Service)
- d) None of the above

11. What is the concept of "Zero Trust" in cloud security?

- a) Trusting all users by default
- b) Trusting no one, inside or outside the network perimeter
- c) Allows using the same password for access
- d) Regularly updating security protocols

12. Which encryption method is commonly used for securing data in transit over the cloud?

- a) SSL (Secure Sockets Layer)
- b) WEP (Wired Equivalent Privacy)
- c) PGP (Pretty Good Privacy)
- d) None of the above

13. What does "cloud migration" refer to?

- a) Moving a physical data center to another location
- b) Transferring IT services and data to a cloud environment
- c) Sharing data between cloud providers
- d) Creating a backup of cloud data



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14. Which of the following is a key driver for cloud migrations?

- a) Increasing on-premises server capacity
- b) Reducing operational costs
- c) Slowing down application development
- d) Relying solely on physical servers

15. What is a typical migration strategy used when moving to the cloud?

- a) Ignore planning and execute the migration in a single lift
- b) Lift and shift
- c) Use the same hardware and software in the cloud
- d) Avoid any changes to the existing system

16. Which cloud service model is most suitable for organizations seeking to minimize infrastructure management in a migration?

B I U ↵ ✕

- a) IaaS (Infrastructure as a Service)
- b) PaaS (Platform as a Service)
- c) SaaS (Software as a Service)
- d) As an equally suitable

17. What is a common challenge in cloud migrations related to data?

- a) Data loss is impossible during migration
- b) Data format compatibility
- c) Data can't be backed up in the cloud
- d) Data is always faster in the cloud

17. What is a common challenge in cloud migrations related to data?

- a) Data loss is impossible during migration
- b) Data format compatibility
- c) Data can't be backed up in the cloud
- d) Data is always faster in the cloud

18. Which cloud provider is known for its infrastructure services and is often used in cloud migrations?

- a) Amazon Web Services (AWS)
- b) Netlix
- c) Google Search
- d) Facebook

19. _____ is achieved using specialized software which creates partitions of a server into smaller virtual servers to maximize server resources.

- a) Virtualization
- b) Cloud Migration
- c) Communication
- d) Transmission

20. _____ is defined as the total amount of greenhouse gas emission caused by organization, expressed as CO₂

- a) Oxygen footprint
- b) Carbon footprint
- c) Nitrogen footprint
- d) Water footprint



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Sample responses:

The screenshots display a survey interface with the following elements:

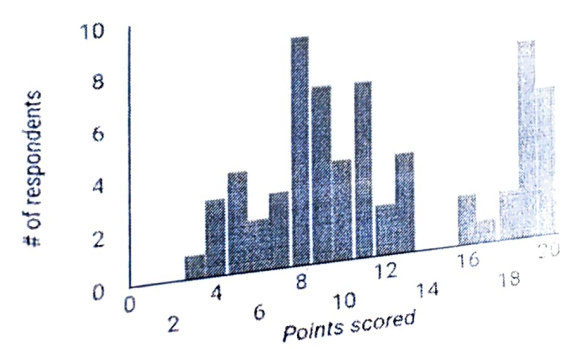
- Header:** Name, Roll No., and other identification fields.
- Questions:** Multiple-choice questions related to Edge Computing, such as "Where is data processed in Edge Computing?" and "Which industry benefits the most from Edge Computing applications?"
- Answers:** Radio button options for each question, with some selected.
- Navigation:** Buttons for "Previous", "Next", and "Submit".

Insights:

Insights

Average 11.58 / 20 points
Median 10 / 20 points
Range 3 - 20 points

Total points distribution



Frequently missed questions

Question	Correct responses
4. In Edge Computing, where is data processed?	25 / 64
5. Which industry benefits the most from Edge Computing applications?	30 / 64
6. What is the primary challenge in implementing Edge Computing solutions?	28 / 64
10. Which cloud service model is most responsible for security measures?	29 / 63
15. What is a typical migration strategy used when moving to the cloud?	30 / 63



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Here are the top 20 Winners of the Quiz:

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