



XAVIER INSTITUTE OF ENGINEERING

(An Autonomous Institute under Mumbai University)

Approved by AICTE and recognized by DTE, Government of Maharashtra
Accredited with an "A+" grade by NAAC, EXTC, IT and Computer Engineering are NBA-accredited.
Mahim (W), Mumbai - 400 016. Mobile no:- 2446 0359 / +91 7249371505 / +91 9920407274
Email: principal@xavier.ac.in ; office@xavier.ac.in Website: www.xavier.ac.in



THE ALLYN FUND

CCSP - CERTIFIED CLOUD SECURITY PROFESSIONAL

Date, Time and Place:
24th October 2025 to
1st November 2025

2 hours per day(18 hours)

Cybersecurity
Lab, XTECH
building.

Platform: Offline



Objective(s):

The Certified Cloud Security Professional (CCSP) course aimed to introduce students to cloud computing security principles and prepare them for the **ISC² CCSP certification**. It focused on enhancing understanding of cloud architecture, data protection, risk management, and compliance practices. The objective was to help students gain foundational knowledge of cloud security concepts applicable in professional environments.

Beneficiaries:

Third-year (TE) and Final-year (BE) students – both boys and girls.

No. of Participants:23 Allyn girls

Venue: Cybersecurity lab ,XTECH building

About the Speaker – Mr. Joseph Gollapudi (CCSP Expert)

Mr. Joseph Gollapudi is a seasoned professional with over 20 years of experience in Oracle Financials and Supply Chain Implementations, and more than a decade of leadership in Cybersecurity and Compliance. He has played a pivotal role in building the foundation for SaaS Security Management and Cloud Policy across major organizations.

With direct experience in combating Advanced Persistent Threats (APTs), he brings valuable real-world insights into cyber defense and risk mitigation. Mr. Gollapudi is also an active member of ISC²'s CCSP Exam Board and the CSA SaaS Security Focus Group, contributing to global cloud security standards.

His teaching approach blends agnostic cloud security principles with practical, high-value strategies, empowering participants to connect theoretical understanding with real-world applications.

Key Points

- The **9-day intensive certification-oriented program** provided a structured overview of the core domains of cloud security.
- Focused on **bridging academic learning with real-world cybersecurity practices**, enabling students to grasp both theoretical and applied aspects.
- Included **hands-on discussions**, mock tests, and domain-wise practice exercises to strengthen understanding and retention.
- Encouraged **critical thinking and analytical reasoning** for security problem-solving in cloud environments.
- Designed to align with **industry standards and global certification objectives** (ISC² CCSP).
- Promoted **professional ethics, data protection awareness**, and best practices in secure cloud computing.

- Ended with a **final project evaluation and reflective feedback session** to assess learning outcomes and guide further certification preparation.

Day- wise Summary:

Day 1:

Cloud Concepts , Architecture & Design

- Overview of cloud models and architectures
- Importance of cloud security and certification structure

Day 2:

Cloud Data Classification & Protection

- Understanding data types, sensitivity levels, and classification models
- Data encryption, masking, and access control mechanisms

Day 3:

Cloud Data Security

- Data lifecycle management and protection strategies
- Encryption standards, key management, and data loss prevention
- Backup and recovery mechanisms in cloud environments

Day 4:

Security in Cloud

- Infrastructure protection and virtualization security
- Network controls, identity and access management (IAM)
- Operational security, incident handling, and monitoring

Day 5:

Cloud Platform Infrastructure, Operational Security

- Securing infrastructure and virtualized environments
- Network segmentation, monitoring, and platform resilience
- Operational security and compliance tracking

Day 6:

Cloud Application Security

- Application security controls, threat mitigation, and API protection
- Secure development lifecycle (SDLC) in cloud applications

Day 7:

Operations Elements

- Core components of cloud operations
- Logging, auditing, incident response, and system monitoring

Day 8:

Operations Management

- Security Operations Centers (SOC), business continuity, and disaster recovery
- Maintenance, backup strategies, and performance optimization

Day 9:

Legal and Compliance Issues & Cloud Vendor Management

+ Project Presentation

- Legal frameworks, regulatory compliance (ISO, GDPR, HIPAA)
- Vendor security evaluation and third-party management
- Final project presentations and concluding session

Outcomes

- Gained strong understanding of **cloud security domains** through interactive sessions and practice tests.
- Applied concepts in a **mini project** guided by *Mr. Joe*, focusing on real-world cloud implementation.
- Enhanced **problem-solving, teamwork, and presentation skills** through project collaboration.
- Showcased learning in **final-day presentations** combining theory and practical insights.

- Build **confidence and readiness** for professional certifications and cybersecurity careers.

Conclusion

The CCSP course provided a clear and structured understanding of **cloud security principles and practices**. Students effectively connected theory with application through hands-on projects and final presentations. The 9-day program successfully blended **technical learning, teamwork, and professional development**, preparing participants for advanced roles in cloud and cybersecurity domains.

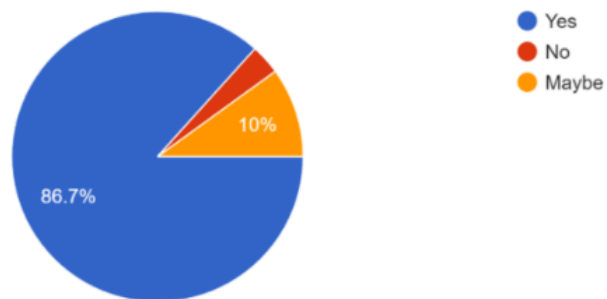
Glimpse of the Event:





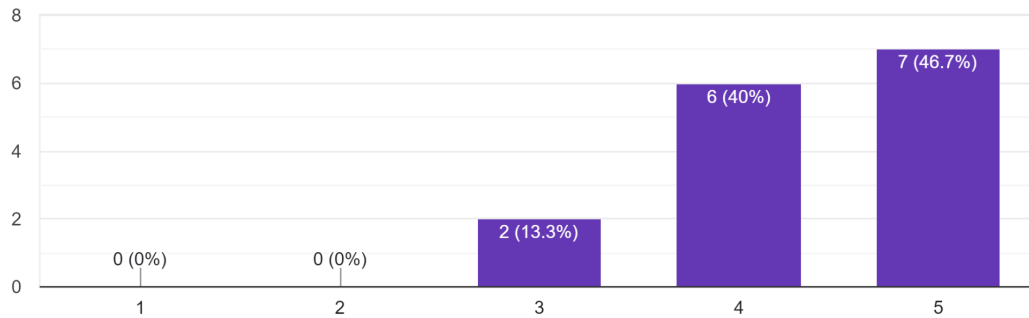
Feedback responses:

Would you recommend this seminar to a friend/colleague?, Now thinking about the course as a whole across all the days, what is your recommendation?



Was the examples and demonstration easy to follow ,understand and follow?

15 responses



What did the presenter/s do well? What could the presenter/s have done differently to improve your learning outcome?(please be as balanced and specific as possible to enable appreciation and improvements).

The hands on practice session on cloud

I appreciated how he behaved with the students, he was interested in knowing how they were doing in the course and how he could help more, etc.

The presentator tried hard to explain each and every topic giving examples but if it consisted of some implementations it would have been best

more practical (hands-on work)

The way the content was Delivered Was Excellent.

The accent of sir was really understandable and the concept was really clear

The presenter did a great job of making eye contact with different sections of the audience, which made me feel more connected to the presentation.

What content could be improved, or was missing?(please be as balanced and specific as possible to enable appreciation and improvements).

Overall everything was very much great but I expected the hands on practice on cloud..means if hands on would have been there then the overall course would got more interesting.

Maybe more hands-on demonstrations or small activities could be added. Also, a short overview of recent cloud security tools and would make it even more interesting.

The CCSP course could be improved by simplifying complex topics, adding more real-world examples and labs, and including clearer visuals.

Nothing

Nope not at all

Maybe little more information could have been given in the presentation, most of it was head points which the present explained which makes it little difficult to go back and understand.



Prof. Smita Pawar
Allyn Girls Convener