

Online and Blended Learning with LMS Integration

Department of Computer Science and Engineering

Academic Year: 2024–2025(Even)

Course Name: : 20CS524

Course Code: Cloud Strategy Planning and Management

Semester: VIII

Faculty In-Charge: Ms.C.E.Rajaprabha

Teaching Aid: Online and Blended Learning with LMS Integration

Overview

- ✓ Blended learning was implemented via the LMS, combining face-to-face sessions and online modules.
- ✓ Zoom/Meet used for live synchronous classes.
- ✓ LMS hosted pre-recorded lectures, reading materials, and discussion boards for asynchronous access.
- ✓ Infosys Springboard integrated for supplementary content by industry experts.

CO-PO-PSO Mapping

CO	Mapped PO	Mapped PSO	Attainment Level	Justification
CO2	PO1, PO3	PSO1, PSO2	3,2	Enhances critical thinking and application of cloud services through practical, problem-oriented certification tasks aligned with industry practices.
CO3	PO2, PO8, PO12	-	1,3	Applies ethical principles and commit to professional ethics, responsibilities, and norms of engineering practice.
CO4	PO2, PO3, PO8	PSO1	1,2	Ensure candidates understand and commit to professional ethical standards.

Interaction

- ✓ Live classes delivered via Zoom/Google Meet focused on deep-diving into cloud strategy models (e.g., multi-cloud, hybrid, private vs. public cloud decisions).
- ✓ Attendance tracking via integrated LMS tools or Zoom reports.
- ✓ Sessions included guest lectures from industry professionals on cloud transformation journeys.

Student Engagement & Assessment

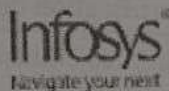
- ✓ Pre-class videos assigned for flipped learning — e.g., overview of AWS, Azure strategy models, or cloud ROI calculations.
- ✓ Post-session quizzes conducted through LMS to reinforce concepts like TCO (Total Cost of Ownership), cloud governance, and vendor selection frameworks.
- ✓ Discussion forums held weekly on topics like cloud migration challenges or FinOps practices.
- ✓ Real-world case studies (from Infosys Springboard or other sources) used for group discussions and peer-reviewed assignments.
- ✓ Faculty responses to queries via LMS messaging, discussion boards, or direct email support.
- ✓ Students assigned Infosys Springboard modules (e.g., “Cloud Fundamentals”, “Cloud Migration Strategies”) as part of formative or summative assessments

Outcome

- ✓ 88–92% of students reported better understanding due to modular and flexible content access.
- ✓ Improved student engagement during live cloud strategy simulations and breakout sessions.
- ✓ Students showed better preparedness for strategy modeling and cloud cost optimization exercises.
- ✓ Infosys Springboard modules helped reinforce real-world applications of cloud architecture and planning.
- ✓ Increased collaborative work, especially in team-based strategy presentations and mock stakeholder meetings.

Proof of Evidence

- ✓ Access logs for videos and readings.
 - ☐ Submission records for quizzes, assignments.
 - ☐ Participation rates in forums and polls.
 - ✓ Screenshots and attendance logs from Zoom/Google Meet sessions.
 - ✓ Scores and feedback for weekly cloud case analysis and strategy planning assignments.
 - ✓ Student feedback forms indicating satisfaction with blended learning approach.
 - ✓ Certificates or screenshots from Infosys Springboard, especially from “Cloud Strategy”, “Cloud Security”, and “Multi-cloud Management” modules.



COURSE COMPLETION CERTIFICATE

The certificate is awarded to

Abdul kalam N

for successfully completing the course

Configuring Cloud Security

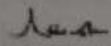
on February 25, 2025

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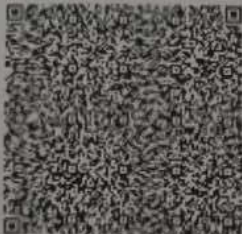
The certificate is awarded to

Karthik Sujith

for successfully completing the course

Google Professional Cloud Developer: Google Cloud Deployment Strategies


on April 1, 2025



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Congratulations! You make us proud!

Issued on: Wednesday, April 2, 2025
To verify, scan the QR code at <https://www.infosys.com/cert>


Thirumala Arohi
Executive Vice President and Global Head
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