

Industry-Aligned Courses and Professional Development

Introduction:

The Industry-Aligned Courses in teaching "Cloud Computing" from the topic "Microsoft Azure Fundamentals: Managing Microsoft Azure Hierarchy" develop skills in emerging technologies and provide coding challenges that mirror industry standards.

Semester No:	VII
Course Code/Title:	20CS419 - Cloud Computing
Topic	Microsoft Azure Fundamentals
Pedagogical Method	Industry-Aligned Courses and Professional Development
Technology Used	Google Classroom, Infosys Springboard portal
PO-PSO Mapping	PO1, PO2, PO5 & PO12. PSO1

Objectives:

- Equip students with practical skills and knowledge that match current industry standards and expectations.
- Align curriculum content with real-time industry practices, tools, and technologies.
- Prepare students for globally recognized certifications
- Offer elective modules and skill tracks that cater to specific job roles or domains

Process Flow:

1. Industry Needs Assessment

- Conduct surveys, focus groups, and job market analysis
- Identify skill gaps and emerging trends across industries
- Consult with industry partners and advisory boards

2. Curriculum Design & Development

- Align learning outcomes with industry competencies
- Include real-world tools and certifications
- Collaborate with subject matter experts from industry

3. Course Delivery & Student Engagement

- Deliver courses using blended or experiential learning models
- Include assessments based on practical industry tasks

Outcomes:

- Industry-Ready Graduates
- Certification and Skill Validation
- Increased Industry Collaboration
- Experiential Learning Outcomes
- Curriculum Relevance and Innovation



COURSE COMPLETION CERTIFICATE

The certificate is awarded to

Kabilesh R

for successfully completing the course

Microsoft Azure Fundamentals: Cloud Computing

on October 2, 2024



Issued on Sunday, October 6, 2024
To verify, scan the QR code at <https://verify.onwingspan.com>

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Executive Vice President and Global Head
Education, Training & Assessment (ETA)
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COURSE COMPLETION CERTIFICATE

The certificate is awarded to

ABIJITH C P

for successfully completing the course

Microsoft Azure Fundamentals: Managing the Microsoft Azure Hierarchy

on August 28, 2024



Issued on Friday, August 30, 2024
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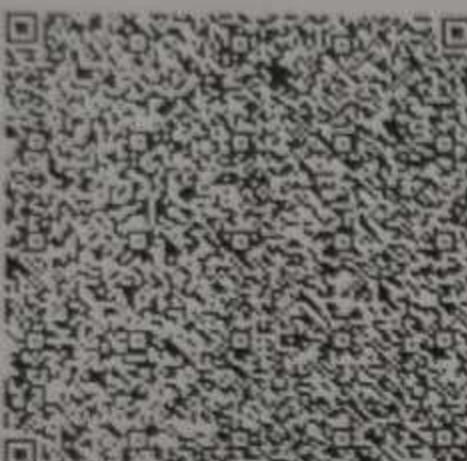
for successfully completing the course

Microsoft Azure Fundamentals: Managing the Microsoft Azure Hierarchy

on August 27, 2024

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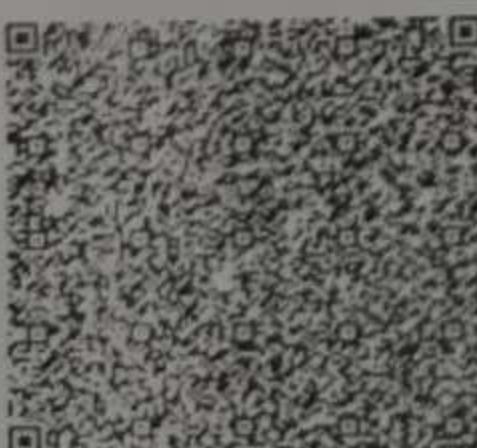
for successfully completing the course

Microsoft Azure Fundamentals: Managing the Microsoft Azure Hierarchy

on August 28, 2024

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CO-PO-PSO Mapping:

CO	Mapped PO	Mapped PSO	Attainment Level	Justification
CO1	PO1	PSO1	2	Fundamental knowledge of cloud computing and Azure services strengthens basic engineering principles.
CO2	PO2	PSO1	3	Students analyze cloud-related problems and apply Azure solutions effectively.
CO3	PO5	PSO1	3	Hands-on experience with Azure and Infosys Springboard aligns with modern cloud tool usage.
CO4	PO12	PSO1	2	Emphasizes ethical considerations in cloud computing and professional responsibility.