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

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COURSE COMPLETION CERTIFICATE

The certificate is awarded to

Kabilesh R

for successfully completing the course

Microsoft Azure Fundamentals: Cloud Computing

on October 2, 2024

Infosys | Springboard

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Thirumala Arohi
Executive Vice President and Global Head
Education, Training & Assessment (ETA)
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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

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The certificate is awarded to

Adhil J

for successfully completing the course

Microsoft Azure Fundamentals: Managing the Microsoft Azure Hierarchy

on August 27, 2024

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Dhibinesh P D

for successfully completing the course

Microsoft Azure Fundamentals: Managing the Microsoft Azure Hierarchy

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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.