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Approved by: All India Council for Technical Education (AICTE), New Delhi
Affiliated to: Dr. A. P. J. Abdul Kalam Technical University (AKTU), Lucknow*

Name of the Subject: Cloud Computing

Faculty Name: Dr. Ashish Sharma

Innovation Practices: Hybrid and Online Learning

Students Involved: 7th Semester

Hybrid and online learning are transformative approaches for teaching cloud computing. These methods combine the flexibility of digital platforms with the interactivity of traditional classroom instruction (hybrid) or fully online environments. Faculty members use these approaches to deliver complex cloud computing concepts effectively while leveraging technology to provide hands-on, scalable learning experiences.

Innovative Practices by Faculty Members:

Virtual Cloud Labs:

Faculty design guided lab exercises on platforms like AWS or Azure to teach infrastructure deployment, security configurations, and cost optimization.

Real-Time Cloud Monitoring:

Students monitor live cloud deployments, such as setting up Kubernetes clusters or deploying web applications, to understand performance metrics and troubleshooting.

Industry-Relevant Skills: Exposure to real-world cloud tools and scenarios enhances employability.

