



SMRJ Government College, Siwani (Bhiwani)

(Affiliated to Chaudhary Bansi Lal University, Bhiwani)

Session: 2025-26

Lesson Plan

Department of Computer (Skill Enhancement Courses)



Teacher:- Amit Kumar

Class:- B.A. 1st Year

Semester:- 2nd Sem.

Internal Assessment Marks:-20 (15+5)

End Term Exam Marks: 50 (35(T) +15(P))

Course Type:- SEC

Title/Paper Name:- Cloud Computing Skills

Course Code:-24UN-ICT-SEC201

Credits:- 3 Maximum Marks:- 70 (50T+20P)

Practical Marks:- 20

Course Outcomes:-

After completing this course, the learner will be able to:

1. Get acquainted with the term Cloud computing.
2. Understand various types of free and commercial clouds.
3. Understands various types of cloud services like SaaS, PaaS and IaaS.
4. Know how the Cloud Computing is changing soft-ware industry
- 5*. to create and use Cloud.

Sr. No	Week/ Month, 2025	Unit/ Topic/ Chapter to be covered	Assignment/Test/ Remarks, if any
1	19.01.2026 – 24.01.2026	Basic Concepts of Cloud Computing Computer Network Basics.	Minor Test/ Assignment
2	27.01.2026 – 31.01.2026	Concepts of Distributed Systems.	
3	02.02.2026 – 07.02.2026	Concepts of Cloud Computing and its Necessity.	
4	09.02.2026 – 14.02.2026	Cloud Service Providers in use and their Significance.	
5	16.02.2026 – 21.02.2026	Cloud Infrastructure Cloud Pros and Cons.	Minor Test/ Assignment
6	23.02.2026 – 28.02.2026	Cloud Delivery Models.	
7	06.03.2026 – 14.03.2026	Cloud Deployment Models.	
8	16.03.2026 – 21.03.2026	Cloud Storage Management Concept of Virtualization and Load Balancing.	Minor Test/ Assignment
9	23.03.2026 – 28.03.2026	Overview on Virtualization used for Enterprise Solutions.	
10	30.03.2026 – 04.04.2026	Key Challenges in managing Information.	
11	06.04.2026 – 11.04.2026	Identifying the problems of scale and management in big data.	

12	13.04.2026 – 18.04.2026	Building Cloud Networks Designing and Implementing a Data Center-Based Cloud Installing Open Source Cloud service.	Minor Test/ Assignment
13	20.04.2026 – 25.04.2026	Building Cloud Networks Designing and Implementing a Data Center-Based Cloud Installing Open Source Cloud service.	
14	27.04.2026 – 02.05.2026	Amazon Web Services (AWS). Google Cloud Platform.	
15	04.05.2026 – 06.05.2026	Amazon Web Services (AWS). Google Cloud Platform.	

Recommended Books/ E resources/ LMS:

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- Cloud computing a practical approach Anthony T. Velte, Toby J. Velte Robert Elsenpeter, TATA McGraw-Hill, New Delhi-2010
- Cloud Computing: Web-Based Applications That Change the Way You Work and Collaborate Online - Michael Miller-Que2008
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Signature of the teacher concerned

Head of the Department



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Teacher:- Amit Kumar	Course Type:- SEC
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