JHARKHAND Rai University
UGC RECOGNISED UNIVERSITY
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Lesson Plan & Tracking

Programe : BCA	Session : 2020-2023	Year : III	Sem: V

Course: Cloud Computing

Name of the Faculty: Dr. Ashish Kumar Sinha	Commencement Date: 29/08/2022	Date of Closure: 30/12/2022

Lecture No.	Week	Unit	Topics to be Covered	Blended Mode			Date	Duration	Tracking of Lectures	Related Course Outcome	Signature of Faculty	Signature of HoD	Remarks (i any)
				ICT Tool/Platform/ LMS	Resources	Activity							
1	1	I	Need of Cloud Computing										
2		I	Data centre, Foot print										
3		I	Cloud and types of it										
4	2	I	Virtualization concepts										
5		I	KVM										
6		I	HA/DR using Virtualization										
7	3	I	Moving Vms										
8		I	SAN										
9		I	SAN backend concepts										
10		II	Cloud Fundamentals										

11	4	II	Cloud Building Blocks										
12		II	Cloud Environment										
13	5	II	Understanding Public & Private cloud environments										
14		II	Cloud as IaaS										
15		II	Private cloud										
16	6	II	Private cloud infrastructure										
17		II	QRM										
18		II	QRM cloud demo										
19	7	II	Public Cloud Environment										
20		II	Cloud as paaS										
21		II	Cloud as SaaS										
22	8	II	AWS										
23		II	exploring Amazon Web services										
24		II	EC2 instance										
25	9	III	EC2 instance										
26		III	Managing and Creating Amazon EC2 instances										

27		III	Tata cloud										
28	10	III	Manage Cloud										
29		III	Hybrid Cloud environment										
30		III	Hybrid Cloud environment										
31	11	IV	Disaster recovery										
32		IV	Crytpography										
33		IV	Crytpography										
34	12	IV	Types of cryptography										
35		IV	encryption concept										
36		IV	Decryption Concept										
37	13	IV	Quantum Cryptography										
38		IV	Quantum Cryptography										
39		IV	Three Stage QKD Technique										
40	14	IV	Quantum Cryptography										