

GANPAT UNIVERSITY									
FACULTY OF MANAGEMENT STUDIES									
Programme	Bachelor of Business Administration				Branch/Spec.	Business Analytics			
Semester	VII				Version	1.0.0.0			
Effective from Academic Year	2026-27				Effective for the Batch admitted in	July 2023			
Course Code	7A02CCB	Course Name			Cloud Computing for Business				
Teaching Scheme					Examination Scheme (Marks)				
(Per week)	Lecture (DT)		Practical (Lab.)		Total		CE	SEE	Total
	L	TU	P	TW					
Credit	04	00	00	00	04	Theory	40	60	100
Hours	04	00	00	00	04	Practical	00	00	00
Pre-requisites									
Students are expected to have basic understanding of business operations, information systems, and introductory knowledge of computers.									
Course Objective									
To introduce students to the fundamental concepts and business applications of cloud computing, enabling them to understand how cloud-based technologies support organizational efficiency, scalability, analytics, and informed managerial decision-making.									
Course Outcomes									
On successful completion of the course, the students will be able to:									
CO1	Explain basic concepts and significance of cloud computing in modern business organizations.								
CO2	Identify different cloud service models and deployment models used in business environments.								
CO3	Analyze the role of cloud computing in improving business efficiency, scalability, and decision-making.								
CO4	Assess business applications of cloud computing along with basic security and risk considerations.								
Theory Syllabus									
Unit	Content								Hrs.
1	Introduction to Cloud Computing: Meaning and characteristics of cloud computing, evolution of cloud technology, traditional computing versus cloud computing, importance of cloud computing for business, overview of cloud ecosystem								15
2	Cloud Service and Deployment Models: Cloud service models Infrastructure as a Service (IaaS), Platform as a Service (PaaS), Software as a Service (SaaS), cloud deployment models – public, private, hybrid and community cloud, basic comparison of service and deployment models								15
3	Business Applications of Cloud Computing: Business applications of cloud computing, cloud computing in marketing, finance, HR and operations, cloud-based collaboration tools, role of cloud computing in business analytics, cost and scalability benefits for organizations								15
4	Cloud Security and Emerging Trends: Cloud security basics, data privacy and compliance issues, risks and challenges in cloud adoption, vendor selection considerations, cloud computing trends, future scope of cloud computing in business and analytics								15
Exam: Theory 100%, Numerical 0%									
Practical Content									
Practical, assignments and tutorials are based on above syllabus.									
Text Books									
1	Rittinghouse, J. W. and Ransome, J. F., <i>Cloud Computing: Implementation, Management, and Security</i> , CRC Press, Latest Edition.								
Reference Books									

1	Mell, P. and Grance, T., The NIST Definition of Cloud Computing, NIST Special Publication.													
2	Laudon, K. C. and Laudon, J. P., Management Information Systems, Pearson Education.													
3	Marston, S. et al., Cloud Computing – The Business Perspective, Decision Support Systems.													
ICT/MOOCs Reference														
1	<a href="https://onlinecourses.nptel.ac.in/noc26_cs55/preview">https://onlinecourses.nptel.ac.in/noc26_cs55/preview</a>													
Mapping of CO with PO and PSO:														
Course Outcome (CO) No.	PO-CO Mapping								PSO-CO Mapping					
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	3	2	1	1	1	1	2	1	2	2	1	1	1	1
CO2	2	3	2	2	1	1	3	2	3	2	2	1	1	1
CO3	2	2	3	3	2	1	3	2	3	3	2	2	2	1
CO4	1	2	2	3	3	2	3	3	3	3	3	2	2	2