

(iv) Quadrant-IV is Assessment; which shall contain; Problems and Solutions, which could be in the form of Multiple Choice Questions, Fill in the blanks, Matching Questions, Short Answer Questions, Long Answer Questions, Quizzes, Assignments and solutions, Discussion forum topics and setting up the FAQs, Clarifications on general misconceptions.

c. Duration of the Program

As per University duration policy for on campus programs ,in conjunction with the UGC regulation in place.

d. Faculty and Support Staff Requirement

As per UGC Regulations

e. Instructional Delivery Mechanisms

Courses to be delivered in an 'Online' mode with learning material in the form of E-SLM's, and Self Assessments being available to the students. Additionally, virtual live lectures and recorded lectures to be provided as per a fixed schedule towards the end of each term.

f. Student Support Systems

Learner Support Service via Web, Chat, Call Support. Access to counsellors at Department on University campus. Access to E-learning Library resources in student portal.

g. Syllabi

As per University Syllabus for on campus programs.

Credits Required

Students have to earn a minimum of 76 credits to get degree with 24 minimum and maximum of 48 credits in Hard Core, a minimum of 16 credits in SC, and minimum of 4 credits in Open Elective / Elective subjects.

Course List

Semester	Course Type	Course	Credits
I	Hardcore	Advanced Data Structures and Indexing	4
I	Hardcore	Object Oriented Programming with C++	4
I	Hardcore	Real Time Operating Systems	4

I	Hardcore	Advanced Database Management System	4
I	Softcore	Computer Graphics and Multimedia	4
I	Softcore	Java Programming	4
I	Softcore	Linux Programming	4
I	Softcore	E-Commerce and E-Governance	4
II	Hardcore	Data Communication and Networks	4
II	Hardcore	Artificial Intelligence	4
II	Hardcore	Embedded Systems	4
II	Hardcore	.Net with C#	4
II	Softcore	Linear Algebra and Probability Distribution	4
II	Softcore	Cloud Computing	4
II	Softcore	Data Mining and Data Warehousing	4
II	Softcore	Cryptography and Network Security	4
III	Hardcore	Theory of Complexity	4
III	Hardcore	Advanced Software Engineering	4
III	Hardcore	Python Programming	4
III	Hardcore	Machine Learning	4
III	Softcore	Digital Image Processing	4
III	Softcore	Internet of Things	4
III	Softcore	Mobile Application Design and Development	4
III	Softcore	Big Data Analytics	4
		Skill Enhancement Courses	
III	Softcore	Letex Documentation Tool	2
III	Softcore	Project Methodology and Documentation	2
IV	Hardcore	Project Work	12
		Skill Enhancement Courses	
IV	Softcore	Communication Skills and Professional Management	4