

SHARDA UNIVERSITY UZBEKISTAN

FACULTY OF ENGINEERING & TECHNOLOGY

PROGRAM STRUCTURE :M.Tech-COMPUTER SCIENCE & TECHNOLOGY

Credits required for Post graduation: 120

Credits required as essential distribution requirement: 102

Credits free to choose (including from programme and specialization beyond minimum): 18

UNIVERSITY CORE 68

Core	Course Code	Course Title	Credits
UC	URS100	Seminar-I	6
UC	URM100	Research Methodology and Ethics	6
UC	URS101	Seminar-II	6
UC	URD200	Pre-Dissertation Project	20
UC	URD201	Dissertation	30

SCHOOL CORE 10

Core	Course Code	Course Title	Credits
SC	CSE500	Advanced Programming Lab	6
SC	CSE501	Writing skills for research	4

PROGRAM CORE 24

Core	Course Code	Course Title	Credits
PC	CSE511	Advance Computer Architecture	6
PC	CSE512	Advance Data Structures with Lab	6
PC	CSE521	Advanced Data Base Management System with Lab	6
PC	CSE522	Mathematical Foundations for Computer Science	6

PROGRAM ELECTIVE 18

Elective	Course Code	Course Title	Credits
PE-I	CSE513	Artificial intelligence and its applications	6
	CSE514	Cyber Security and its applications	
PE-II	CSE523	Machine Learning Algorithms	6
	CSE524	Advanced Computer Networks	
PE-III	CSE611	Deep Neural Networks and their Applications	6
	CSE612	Advanced Network Security and Cryptography	