AL- ANSAR REGIONAL POLYTECHNIC COLLEGE, ALLAHABAD

M.Sc - (IT)

Sub. Code	Subject	Credits	Sub. Code	Subject	Credits
	SEMESTER I			SEMESTER II	
MSIT-01	Computer Programming	5	MSIT-06	Software Quality and Testing	5
MSIT-02	Algorithm Analysis and Design	5	MSIT-07	Advanced Communication Network	5
MSIT-03	Discrete Mathematics	5	MSIT-08	OOAD and UML	4
MSIT-04	Advanced RDBMS	5	MSIT-09	Advanced Java	3
MSIT-P1	Computer Programming lab	3	MSIT-10	Software Architecture	5
MSIT-P2	Algorithm Analysis and Design (Lab)	3	MSIT-P3	OOAD and UML (Lab)	3
MSIT-P3	Advanced RDBMS(Lab)	4	MSIT-P4	Advanced Java (Lab)	3
	SEMESTER III			SEMESTER IV	
MSIT-11	Project Management and Planning	5	MSIT-15	.Net Technology	4
MSIT-12	Client Server Computing	5	MSIT-16	Component Technology	4
MSIT-13	Real Time System	5	MSIT-17	VLSI	5
MSIT-14	Project Synopsis	6	MSIT-18	Project Viva voice	3 3
	Elective Stream 1: E-Commerce			*Elective Stream 1: E-Commerce*	
MSIT-E1	E-Commerce	4	MSIT-E3	Cyber Law	2
MSIT-E2	Data Warehousing / Data Mining	4	MSIT-E3	Application Server	2
	Elective Stream 2:System and Networking			*Elective Stream 2:System and Networking*	
MSIT	Internet Programming	4	MSIT	Voice and Video over IP	2
MSIT	Mobile Computing	4	MSIT	Embedded System	2
	Elective Stream 3: Multimedia and Cognition			*Elective Stream 3: Multimedia and Cognition*	
MSIT	Pattern Recognition	4	MSIT	Artificial Intelligence	2
MSIT	Multimedia Computing	4	MSIT	Image Processing	42
				Grand Total	**104**

Note:

In 3rd Semester of M.Sc (IT), a candidate has to opt for any one of the three elective streams in addition to the two core courses, The candidate has to continue in the Elective stream in both the 3rd & 4th semester as well as do his/her project in his field of elective Specialisation, change of elective is not permitted once a candidate has opted for a Particular Stream

Guidelines for Choosing Elective
Stream 1: E-Commerce: Any graduate car this elective
Stream 2: systems & Networking: Basic Knowledge of electronics is desirable for this elective
Stream 3: Multimedia & Cognition: Good Foundation of Mathematics is essential for this elective