



DR. RAM MANOHAR LOHIA AVADH UNIVERSITY, AYODHYA

Structure of Syllabus for the

Program: M.Sc., Subject: Computer Science

Structure of Syllabus Developed by			
Name of BoS Convener/ BoS Member	Designation	Department	College/ University
Prof. C. K. Mishra	Dean	Faculty of Science	Dr. R.M.L. Avadh University, Ayodhya
Prof. K. K. Verma	Professor	Physics & Electronics	Dr. R.M.L. Avadh University, Ayodhya
Prof. S. K. Dwivedi	Professor	Computer Science	Babasaheb Bhimrao Ambedkar University, Lucknow
Prof. Satya Singh	Professor	Computer Science	Mahatma Gandhi Kashi Vidyapeeth, Varanasi
Prof. P. K. Mishra	Professor	Computer Science	Banaras Hindu University, Varanasi
Dr. Deepak Kumar Verma	Assistant Professor	Computer Science	Dr. R.M.L. Avadh University, Ayodhya

Course Code		Course Title	Credits	T/P	Evaluation	
					CIE	ETE
A	B	C	D	E	F	G
SEMESTER I (YEAR I)						
B070701T	CORE	Computer Architecture	5	T	25	75
B070702T	CORE	Database Management System	5	T	25	75
B070703T	CORE	Object Oriented Programming Using C++	5	T	25	75
B070704T	FIRST ELECTIVE (Subject Elective) (Select any one)	Discrete Mathematics	5	T	25	75
B070705T		Programming in C	5	T	25	75
B070706P	SECOND ELECTIVE (Subject Elective) (Select any one)	Computer Science Lab -I (A)	5	P	50	50
B070707P		Computer Science Lab -I (B)	5	P	50	50
SEMESTER II (YEAR I)						
B070801T	CORE	Data Structure using C++	5	T	25	75
B070802T	CORE	Operating System Concepts	5	T	25	75
B070803T	CORE	Software Engineering	5	T	25	75
B070804T	THIRD ELECTIVE (Generic Elective) (Select any one)	Computer Based Numerical Methods	5	T	25	75
B070805T		E-Commerce	5	T	25	75

B070806P	FOURTH ELECTIVE (Subject Elective) (Select any one)	Computer Science Lab -II (A)	5	P	50	50
B070807P		Computer Science Lab -II (B)	5	P	50	50
SEMESTER III (YEAR II)						
B070901T	CORE	Microprocessor & Assembly Language Programming	5	T	25	75
B070902T	CORE	Computer Networks	5	T	25	75
B070903T	CORE	Web Technology	5	T	25	75
B070904T	FIFTH ELECTIVE (Subject Elective) (Select any one)	Theory of Computation	5	T	25	75
B070905T		Cyber Security	5	T	25	75
B070906P	SIXTH ELECTIVE (Subject Elective) (Select any one)	Computer Science Lab -III (A)	5	P	50	50
B070907P		Computer Science Lab -III (B)	5	P	50	50
SEMESTER IV (YEAR II)						
B071001T	CORE	Artificial Intelligence	5	T	25	75
B071002T	CORE	Python Programming	5	T	25	75
B071003T	SEVENTH ELECTIVE (Subject Elective) (Select any one)	Computer Science Lab -IV (A)	5	P	50	50
B071004T		Computer Science Lab -IV (B)	5	P	50	50
B071006P	RESEARCH PROJECT/ DISSERTATION	Major Research Project/ Dissertation	10	P	50	50