



BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI-620024.

CENTRE FOR DISTANCE AND ONLINE EDUCATION

M.C.A.-MASTER OF COMPUTER APPLICATIONS (CBCS – LOCF)

(Applicable to the candidates admitted from the Calendar year 2024 onwards)

Semester	Subject Code	Title of the Paper	
I	P24CDMCA1	Mathematical Foundations of Computer Applications	
	P24CDMCA2	Design and Analysis of Algorithms	
	P24CDMCA3	Open Source Programming	
	P24CDMCA1P	Practical –I Algorithms	
	P24CDMCA2P	Practical –II Open Source Programming	
	P24CDMCAE1	Elective-I OOAD and Design Patterns	
	In Addition with the above Theory & Practical papers, the following papers should be written by the Non Computer Science Stream students only		
	P24CDMCABC1	Programming in C and C++	
	P24CDMCABC2	Fundamental of Data Structures	
	P24CDMCABP1	Bridge Practical –I Programming in C and C++	
II	P24CDMCA4	Emerging Technologies in Data Processing	
	P24CDMCA5	Advanced Operating Systems	
	P24CDMCA6	Computer Graphics and Animation	
	P24CDMCA3P	Practical –III Operating Systems	
	P24CDMCA4P	Practical –IV Computer Graphics and Animation	
	P24CDMCAE2	Elective-II Internet of Things	
	In Addition with the above Theory & Practical papers, the following papers should be written by the Non Computer Science Stream students only		
	P24CDMCABC3	Web Design	
	P24CDMCABC4	Digital Electronics	
	P24CDMCABP2	Bridge Practical –II Web Design	
III	P24CDMCA7	Compiler Design	
	P24CDMCA8	Machine Learning Techniques	
	P24CDMCA9	Big Data Analytics	
	P24CDMCA5P	Practical –V Machine Learning Techniques	
	P24CDMCA6P	Practical –VI Big Data Analytics	
	P24CDMCAE3	Elective-III Natural Language Processing	
	In Addition with the above Theory & Practical papers, the following papers should be written by the Non Computer Science Stream students only		
	P24CDMCABC5	Python Programming	
	P24CDMCABC6	Internet Programming	
P24CDMCABP3	Bridge Practical –III Python Programming		
IV	P24CDMCA10	Cloud Computing Fundamentals	
	P24CDMCA11	Managerial Skills	
	P24CDMCAPW	Project (Viva-Voce & Dissertation)	