



BHARATHIDASAN UNIVERSITY, THIRUCHIRAPPALLI

620 024

UPDATED SUBJECT CODE ON 27.10.2022

M.C.A. - MASTER OF COMPUTER APPLICATIONS

(Applicable to the candidates admitted from the academic year 2022-2023 onwards)

Semester	Subject Code	Title of the Paper	
I	P22MCACC11	Mathematical Foundations of Computer Applications	
	P22MCACC12	Design and Analysis of Algorithms	
	P22MCACC1A P22MCACC1B	1. Open Source Programming (or) 2. Advanced Java Programming	
	P22MCAC1P	Algorithms Lab	
	P22MCAC1AP P22MCAC1BP	1. Open Source Programming Lab (or) 2. Advanced Java Programming Lab	
	P22MCAE1A P22MCAE1B P22MCAE1C	1. Theory of Computation (or) 2. OOAD and Design Patterns (or) 3. Agile Technology	
	P22MCAVAC1	Hardware and Networking Essentials	
	II	P22MCACC21	Emerging Technologies in Data Processing
		P22MCACC22	Advanced Operating Systems
P22MCACC2A P22MCACC2B		1. Advanced Computer Networks (or) 2. Computer Graphics and Animation	
P22MCAC2P		Operating System Lab	
P22MCAC2AP P22MCAC2BP		1. Advanced Computer Networks Lab (or) 2. Computer Graphics and Animation Lab	
P22MCAE2A P22MCAE2B P22MCAE2C		1. Cryptography and Network Security (or) 2. Soft Computing (or) 3. Internet of Things	
P22MCANME1		Fundamentals of Information Technology	

Controller of Examinations i/c



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BRIDGE COURSE**

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Semester	Subject Code	Title of the Paper
I	P22MCABC1	Programming in C and C++
	P22MCABC2	Fundamental of Data Structures
	P22MCABC1P	Programming in C and C++ Lab
II	P22MCABC3	Web Design
	P22MCABC4	Digital Electronics
	P22MCABC2P	Web Design Lab

Controller of Examinations i/c