



PONNAIYAH RAMAJAYAM GROUP  
**PRIST UNIVERSITY**

Declared under U/s 3 of UGC Act  
Thanjavur, Tamilnadu, India.

**DEGREE : MCA**

[Candidates admitted in the year 2008 onwards]

**COURSE STRUCTURE**

Sem	Sub Code	TITLE OF THE PAPER
I	MMCA 101	Digital Computer Architecture
	MMCA 102	Object Oriented Programming with C++
	MMCA 103	Numerical and Statistical Methods
	MMCA 104	GUI Programming in VB
	MMCA 105	Network Operation and System Administration
	MMCA 106 P	C++ Programming Lab
	MMCA 107 P	Visual Programming Lab
II	MMCA 201	Operating Systems
	MMCA 202	Discrete Mathematics
	MMCA 203	Data Structures and Algorithms
	MMCA 204	Data Base Systems
	MMCA 205	Microprocessor and its Applications
	MMCA 206 P	RDBMS Lab
	MMCA 207 P	Data Structure Lab
III	MMCA 301	Java Programming
	MMCA 302	Optimization Technique
	MMCA 303	Visual Programming using .NET
	MMCA 304	Software Engineering
	MMCA 305	Unified Modeling Language
	MMCA 306 P	Java Programming Lab
	MMCA 307 P	.NET Lab
	MMCA 308	Communicative English – I
	MMCA 309 P	Computer Paper – I

IV	MMCA 401	J2EE Programming
	MMCA 402	Multimedia Systems and Design
	MMCA 403	Organizational Behaviour
	MMCA 404	Compiler Design
	MMCA 405	WAP and XML
	MMCA 406 P	J2EE Programming Lab
	MMCA 407 P	Web Designing Lab
	MMCA 408	Communicative English – II
	MMCA 409 P	Computer Paper – II
V	MMCA 501	High Performance Computing
	MMCA 502	Internet Concepts and Web Design
	MMCA 503	Artificial Intelligence and Expert Systems
	MMCA 504 E0	Elective Paper – I
	MMCA 505 E0	Elective Paper – II
	MMCA 506 P	Unix Lab
	MMCA 507 P	Mini project
	MMCA 508	Communicative English – III
	MMCA 509 P	Computer Paper – III
VI	MMCA 601	Internship and Project

#### Elective Paper – I

- MMCA 504 E01 Embedded Systems and Real Time Operating Systems
- MMCA 504 E02 Digital Image Processing
- MMCA 504 E03 Data Warehousing and Data Mining

#### Elective Paper – II

1. MMCA 505 E01 E- Commerce Technologies
2. MMCA 505 E02 Neural Network and Fuzzy Logic
3. MMCA 505 E03 Cryptography and Network Security