

ALAGAPPA UNIVERSITY, KARAIKUDI
NEW SYLLABUS UNDER CBCS PATTERN (w.e.f.2017-18)

M.Sc. COMPUTER SCIENCE – PROGRAMME STRUCTURE

Sem	Course		Cr.	Hrs./ Week	Max. Marks		Total
	Course Code	Title of the Course			Int.	Ext.	
I	7MCE1C1	Core – I – Applied Mathematics for Computer Science	4	5	25	75	100
	7MCE1C2	Core–II – Design and Analysis of Algorithms	4	5	25	75	100
	7MCE1C3	Core – III – Advanced JAVA programming	4	5	25	75	100
	7MCE1C4	Core – IV – Principles of Compiler Design	4	5	25	75	100
	7MCE1P1	Core-V -Advanced JAVA programming lab	4	5	40	60	100
		Elective – I	4	5	25	75	100
	Total		24	30	--	--	600
II	7MCE2C1	Core – VI – Computer System Architecture	4	5	25	75	100
	7MCE2C2	Core – VII – .Net Technology	4	5	25	75	100
	7MCE2C3	Core – VIII – Distributed Operating system	4	5	25	75	100
	7MCE2P1	Core – IX – .Net Technology Lab	4	5	40	60	100
		Elective – II	4	5	25	75	100
		Elective – III	4	5	25	75	100
	Total		24	30	--	--	600
III	7MCE3C1	Core – X – Cryptography and Network Security	4	5	25	75	100
	7MCE3C2	Core – XI – Programming in PHP	4	5	25	75	100
	7MCE3C3	Core – XII – Data Mining and Data Warehousing	4	5	25	75	100
	7MCE3P1	Core – XIII – Programming in PHP Lab	4	5	40	60	100
		Elective – IV	4	5	25	75	100
		Elective – V	4	5	25	75	100
	Total		24	30	--	--	600
IV	7MCE4PR	Core – XIV – Project Work	18	30	50	150	200
	Total		18	30	-	--	200
	Grand total		90	120	-	--	2000

Elective – I

- | | | |
|--|---|---------|
| 1. Object Oriented Analysis and Design | – | 7MCE1E1 |
| 2. System Software | – | 7MCE1E2 |
| 3. Software Engineering | – | 7MCE1E3 |

Elective – II

- | | | |
|----------------------|---|---------|
| 1. Mobile Computing | – | 7MCE2E1 |
| 2. Grid Computing | – | 7MCE2E2 |
| 3. Computer Graphics | – | 7MCE2E3 |

Elective – III

- | | | |
|-------------------------------|---|---------|
| 1. Parallel Processing | – | 7MCE2E4 |
| 2. Advanced Data Base Systems | – | 7MCE2E5 |
| 3. Digital Image Processing | – | 7MCE2E6 |

Elective – IV

- | | | |
|---------------------------------|---|---------|
| 1. Soft Computing | – | 7MCE3E1 |
| 2. Real Time & Embedded Systems | – | 7MCE3E2 |
| 3. Multimedia System | – | 7MCE3E3 |

Elective – V

- | | | |
|-------------------------------|---|---------|
| 1. Artificial Neural Networks | – | 7MCE3E4 |
| 2. Cloud Computing | – | 7MCE3E5 |
| 3. WAP and XML | – | 7MCE3E6 |

Project Work

- | | | |
|--------------------|---|-----------|
| Project Evaluation | – | 150 Marks |
| Viva – voce | – | 50 Marks |

