

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Programme: M.Tech in Computer Science

The overall credits structure

| Core | | Elective | |
|--------------|-----------|--------------|-----------|
| Category | Credits | Category | Credits |
| DC | 46 | DE | 16 |
| HU | 3 | | |
| Total | 49 | Total | 65 |

Total Credits = 65

| Humanities and Social Sciences (HU) | | | |
|-------------------------------------|-------------------------|--------------|----------|
| HU-211 | Research Methodology | 3-0-0 | 3 |
| | Total HU Credits | 3-0-0 | 3 |

| Departmental Electives (DE) | | | |
|-----------------------------|-------------------------|---------------|-----------|
| MCS-113 | Elective-I | 3-1-0 | 4 |
| MCS-121 | Elective-II | 3-1-0 | 4 |
| MCS-122 | Elective-III | 3-1-0 | 4 |
| MCS-211 | Elective-IV | 3-1-0 | 4 |
| | Total DE Credits | 12-4-0 | 16 |

| Discipline Core (DC) | | | |
|----------------------|---|-----------------|-----------|
| MCS-111 | Software Engineering and Paradigm | 3-1-0 | 4 |
| MCS-112 | Advance Design & Analysis of Algorithms | 3-1-0 | 4 |
| MCS-114 | Distributed Operating Systems | 3-1-0 | 4 |
| MCS-115 | Digital Image Processing | 3-0-2 | 4 |
| MCS-116 | Minor project 1 | 0-0-6 | 3 |
| MCS-123 | Optimization technique | 3-1-0 | 4 |
| MCS-125 | Minor project 2 | 0-0-6 | 3 |
| MCS-213 | Pre- dissertation | 0-0-8 | 4 |
| MCS-214 | Systems Programming | 0-0-6 | 3 |
| MCS-221 | Dissertation | 0-0-20 | 10 |
| MCS-222 | Comprehensive | 0-0-6 | 3 |
| | Total (DC) Credits | 15-04-54 | 46 |