**PG and Research Department of Computer Science (M. Sc. Computer Science)**

**2021 -2024 Syllabus**

| S. No | Title of the paper | S. Code |
|---|---|---|
| 1 | Design and Analysis of Algorithm | 21PCCS11 |
| 2 | Advanced Web Technology | 21PCCS12 |
| 3 | Advanced Database Management System | 21PCCS13 |
| 4 | A) Cloud Computing | 21PECS11A |
| 5 | B) Social Computing | 21PECS11B |
| 6 | C) Data Mining | 21PECS11C |
| 7 | Design and Analysis of Algorithm Lab | 21PCCS1P1 |
| 8 | Advanced Web Technology Lab | 21PCCS1P2 |
| 9 | Digital Literacy | 21PICS11 |
| 10 | Advanced Java Programming | 21PCCS21 |
| 11 | Digital Image Processing | 21PCCS22 |
| 12 | Distributed Operating System | 21PCCS23 |
| 13 | Cryptography and Network Security | 21PECS21A |
| 14 | Compiler Design | 21PECS21B |
| 15 | Wireless Networks | 21PECS21C |
| 16 | Advanced Java Programming Lab | 21PCCS2P1 |
| 17 | Digital Image Processing Lab | 21PCCS2P2 |
| 18 | Machine Learning | 21PCCS31 |
| 19 | Mobile Application Development | 21PCCS32 |
| 20 | Research Methodology | 21PCCS33 |
| 21 | Artificial Intelligence | 21PECS31A |
| 22 | Human Computer Interaction | 21PECS31B |
| 23 | Soft Computing | 21PECS31C |
| 24 | Machine Learning Lab | 21PCCS3P1 |
| 25 | Mobile Application Development Lab | 21PCCS3P2 |
| 26 | Digital Technology | 21PICS31 |
| 27 | Internet of Things | 21PCCS41 |
| 28 | Data Science with R | 21PCCS42 |
| 29 | Project | 21PPCS41 |
| 30 | Professional Ethics | 21PECS41A |
| 31 | Green Computing | 21PECS41B |
| 32 | Embedded Systems | 21PECS41C |
| 33 | Internet of Things Lab | 21PCCS4P1 |
| 34 | Data Science with R Lab | 21PCCS4P2 |

**Employability = 9**        **Entrepreneurship = 7**        **Skill Development = 14**