



**Maharaja Education Trust (R), Mysuru**

**MAHARAJA INSTITUTE OF TECHNOLOGY MYSORE**

**An Autonomous Institute, affiliated to Visvesvaraya Technological University, Belagavi**



**Belawadi, Srirangapatna Taluk, Mandya – 571 477**

**Approved by AICTE, New Delhi |Recognized by Govt. of Karnataka|**

## 1. Mini Project Timeline

### Scheme of Teaching and Examination for Master of Computer Applications (Autonomous Scheme-2023) Master of Computer Applications (Effective from the Academic Year 2023-24)

#### I-Semester – Master of Computer Applications

| Sl. No.      | Course Area | Course Code               | Course Title                                       | TD/ PSB     | Teaching Hours/Week |           |                    |           | Examination       |            |            |             | Credits   |
|--------------|-------------|---------------------------|--|-------------|---------------------|-----------|--------------------|-----------|-------------------|------------|------------|-------------|-----------|
|              |             |                           |  |             | Theory/ Lecture     | Tutorial  | Practical/ Drawing | SDA       | Duration in hours | CIE Marks  | SEE Marks  | Total Marks |           |
| 1            | BS          | <a href="#">M23MCA101</a> | Mathematical Foundation for Computer Applications  | Mathematics | 03                  | --        | --                 | --        | 03                | 50         | 50         | 100         | 3         |
| 2            | IPC         | M23MCA102                 | Operating System Concepts                          | MCA         | 03                  | --        | 02                 | --        | 03                | 50         | 50         | 100         | 4         |
| 3            | PC          | M23MCA103                 | Data Structures                                    | MCA         | 04                  | --        | --                 | --        | 03                | 50         | 50         | 100         | 4         |
| 4            | PC          | M23MCA104                 | Computer Networks                                  | MCA         | 04                  | --        | --                 | --        | 03                | 50         | 50         | 100         | 4         |
| 5            | PC          | M23MCA105                 | Design and Analysis of Algorithms                  | MCA         | 04                  | ---       | --                 | --        | 03                | 50         | 50         | 100         | 4         |
| 6            | PCL         | M23MCAL106                | Data Structures Laboratory                         | MCA         | --                  | --        | 03                 | --        | 03                | 50         | 50         | 100         | 2         |
| 7            | PCL         | M23MCAL107                | Computer Networks Laboratory                       | MCA         | --                  | --        | 03                 | --        | 03                | 50         | 50         | 100         | 2         |
| 8            | MC          | M23MCA108                 | Professional Communication and Skill Enhancement-1 | MCA         | 02                  | --        | --                 | 02        | 01                | 50         | 50         | 100         | 1         |
| 9            | BC          | M23MCA109                 | Basics of Programming & Computer Organization      | MCA         | 02                  | --        | --                 | 02        | --                | 100        | --         | 100         | --        |
| <b>Total</b> |             |                           |  |             | <b>22</b>           | <b>--</b> | <b>08</b>          | <b>04</b> | <b>--</b>         | <b>500</b> | <b>400</b> | <b>900</b>  | <b>24</b> |

**L:** Lecture, **T:** Tutorial, **P:** Practical, **S= SDA:** Skill Development Activity, **CIE:** Continuous Internal Evaluation, **SEE:** Semester End Evaluation.



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**Basic Science Course (BS)** : Refers to basic science course theory

**Professional Core Course (PC)**: Refers to Professional Core Course Theory, its Teaching– Learning hours (L : T : P) can be considered as (3 : 0 : 2) or (2 : 2 : 2). The theory part of the IPC shall be evaluated both by CIE and SEE.

**Integrated Professional Core Course (IPC)**: Integrated Professional Core Course (IPC): Refers to Professional Theory Core Course Integrated with practical of the same course. The theory part of the IPCC shall be evaluated both by CIE and SEE. The practical part shall be evaluated by only CIE (no SEE). However, questions from the practical part of IPCC shall be included in the SEE question paper.

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