

**JABALPUR ENGINEERING COLLEGE, JABALPUR (MP)**  
(An Autonomous Institute of Govt. of M.P. )

**Affiliated to Rajiv Gandhi Technological University, Bhopal (MP)**

**Scheme of Study and Examination**

**(w.e.f. July 2010)**

**MCA I<sup>st</sup> Semester**

| Course Code                       | Subject                                                     | Periods   |          |           | EVALUATION SCHEME |            |            |            |            | Credits   |
|-----------------------------------|-------------------------------------------------------------|-----------|----------|-----------|-------------------|------------|------------|------------|------------|-----------|
|                                   |                                                             | L         | T        | P         | SESSIONAL EXAM    |            |            | ESE        | SUB TOTAL  |           |
|                                   |                                                             |           |          |           | TA                | CT         | TOT        |            |            |           |
| <u>CA-101</u>                     | Information Technology                                      | 3         | 1        | -         | 10                | 20         | 30         | 70         | 100        | 4         |
| <u>MA-105</u>                     | Mathematical Foundation of Computer Science                 | 3         | 1        | -         | 10                | 20         | 30         | 70         | 100        | 4         |
| <u>CA-102</u>                     | Programming And Problem Solving in C                        | 3         | 1        | -         | 10                | 20         | 30         | 70         | 100        | 4         |
| <u>CA-103</u>                     | Computer Architecture And Assembly Language Programming     | 3         | 1        | -         | 10                | 20         | 30         | 70         | 100        | 4         |
| <u>HS-101</u>                     | Communication Skills                                        | 3         | 1        | -         | 10                | 20         | 30         | 70         | 100        | 4         |
| <b>(PRACTICAL/DRAWING/DESIGN)</b> |                                                             |           |          |           |                   |            |            |            |            |           |
| <u>CA-104L</u>                    | Mathematical Foundation of Computer Science Lab             | -         | -        | 3         | 30                | -          | 30         | 45         | 75         | 3         |
| <u>CA-105L</u>                    | Programming Lab in C                                        | -         | -        | 4         | 40                | -          | 40         | 60         | 100        | 4         |
| <u>CA-106L</u>                    | Computer Architecture And Assembly Language Programming Lab | -         | -        | 3         | 30                | -          | 30         | 45         | 75         | 3         |
| <b>Total</b>                      |                                                             | <b>15</b> | <b>5</b> | <b>10</b> | <b>150</b>        | <b>100</b> | <b>250</b> | <b>500</b> | <b>750</b> | <b>30</b> |

T.A. Teachers Assessment, CT- Class Test, ESE - End Semester Examination,  
Total Marks 750 Total Periods : 30 Total Credits : 30

  
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