



# Mandsaur University

Scheme of Examination

## Department of Computer Application

Bachelor of Computer Application

Semester V

| S. No.       | Subject Code | Subject Name         | Maximum Marks Allotted |                    |                       |           |         |                       | Hours/Week |          |           | Credits   | Total Marks |
|--------------|--------------|----------------------|------------------------|--------------------|-----------------------|-----------|---------|-----------------------|------------|----------|-----------|-----------|-------------|
|              |              |                      | Theory                 |                    |                       | Practical |         |                       | L          | T        | P         |           |             |
|              |              |                      | End Sem Test (EST)     | Mid Sem Test (MST) | Continuous Evaluation | End sem   | Mid Sem | Continuous Evaluation |            |          |           |           |             |
| 1            | BCA170       | Software Engineering | 60                     | 30                 | 10                    | -         | -       | -                     | 3          | 1        | -         | 4         | 100         |
| 2            | BCA180       | Programming in JAVA  | 60                     | 30                 | 10                    | 50        | -       | -                     | 3          | 1        | 4         | 6         | 150         |
| 3            | BCA190       | Elective-I           | 60                     | 30                 | 10                    | 50        | -       | -                     | 3          | 1        | 4         | 6         | 150         |
| 4            | BCA200       | Elective-II          | 60                     | 30                 | 10                    | -         | -       | -                     | 3          | 1        | -         | 4         | 100         |
| 5            | BCA210       | Minor Project-II     | -                      | -                  | -                     | 50        | -       | 50                    | -          | -        | 4         | 2         | 100         |
| <b>Total</b> |              |                      |                        |                    |                       |           |         |                       | <b>12</b>  | <b>4</b> | <b>12</b> | <b>22</b> | <b>600</b>  |

| Elective-I |  |
|------------|--|
| BCA191     | PHP Programming                              |
| BCA192     | Advanced Server side Scripting Using Node.js |
| BCA193     | Web Application Development Using Python     |

| Elective-II |                              |
|-------------|------------------------------|
| BCA201      | Data Warehousing and Mining  |
| BCA202      | Cloud Computing              |
| BCA203      | Enterprise Resource Planning |