



**Rajiv Gandhi Technological University, Bhopal (MP)**  
**B.E. (BM) Biomedical Engineering**  
**Scheme of Examination**

**FIFTH SEMESTER**

| S<br>N<br>o | Course<br>Category | Course<br>Code<br>(New) | Subject  | Periods Per Week |   |    |    | Distribution of Marks |           |                     |     |       |
|-------------|--------------------|-------------------------|--|------------------|---|----|----|-----------------------|-----------|---------------------|-----|-------|
|             |                    |                         |  | L                | T | P  | C  | Theory                | Practical | Internal Assessment |     | Total |
|             |                    |                         |  |                  |   |    |    |                       |           | MST                 | TW  |       |
| 1           | DC-8               | BM501                   | Transducers & Measurement                      | 3                | 1 | 2  | 6  | 100                   | 50        | 20                  | 30  | 200   |
| 2           | DC-9               | BM502                   | Fundamentals of Microprocessor                 | 3                | 1 | 2  | 6  | 100                   | 50        | 20                  | 30  | 200   |
| 3           | DC-10              | BM503                   | Control Engineering                            | 3                | 1 | 2  | 6  | 100                   | 50        | 20                  | 30  | 200   |
| 4           | DC-11              | BM504                   | Biomaterials                                   | 3                | 1 | 0  | 4  | 100                   | -         | 20                  |     | 120   |
| 5           | HS-3               | BM505                   | Principle of Management & managerial Economics | 3                | 1 | 0  | 4  | 100                   | -         | 20                  |     | 120   |
| 6           | IT-5               | BM506                   | Computer Programming- V                        | 0                | 0 | 4  | 4  | -                     | 50        | -                   | 30  | 80    |
| 7           | NECC-5             | BM507                   | Self Study                                     | 0                | 0 | 2  | 2  | -                     | -         | -                   | 30  | 30    |
| 8           | NECC-6             | BM508                   | Seminar/Group Discussion                       | 0                | 0 | 2  | 2  | -                     | -         | -                   | 50  | 50    |
| Total       |                    |                         |  | 15               | 5 | 14 | 34 | 500                   | 200       | 100                 | 200 | 1000  |