

### Bachelor of Engineering (*Biomedical Engineering*) Semester: III

| S. No. | Subject Category | Sub. Code | Subject Name  | Maximum Marks Allotted |              |                  |                |          |                        | Hours /Week |   |    | Credits | Remarks     |
|--------|------------------|-----------|---|------------------------|--------------|------------------|----------------|----------|------------------------|-------------|---|----|---------|-------------|
|        |                  |           |   | Theory Slot            |              |                  | Practical slot |          |                        | L           | T | P  |         |             |
|        |                  |           |   | End Sem.               | Mid Sem. MST | Quiz, Assignment | End Sem.       | Lab Work | Assign/Quiz/Term paper |             |   |    |         |             |
| 1      | EAS              | BM-301    | Biomaterials  | 60                     | 30           | 10               | -              | -        | -                      | 3           | 1 | -  | 4       |             |
| 2      | DC               | BM-302    | Sensors and Transducers for Biomedical Measurements | 60                     | 30           | 10               | 10             | 20       | 20                     | 2           | 1 | 2  | 4       |             |
| 3      | DC               | BM-303    | Electronic Devices and Circuits                     | 60                     | 30           | 10               | 10             | 20       | 20                     | 2           | 1 | 2  | 4       |             |
| 4      | DC               | BM-304    | Human Physiology                                    | 60                     | 30           | 10               | 10             | 20       | 20                     | 2           | 1 | 2  | 4       |             |
| 5      | DC               | BM-305    | Network Analysis                                    | 60                     | 30           | 10               | -              | -        | -                      | 3           | 1 | -  | 4       |             |
| 6      | DC               | BM-306    | Electronic Workshop                                 | -                      | -            | -                | 20             | 20       | 10                     | -           | - | 4  | 2       |             |
| 7      | HU               | BM-307    | NSS   | -                      | -            | -                | -              | -        | 40                     | -           | - | 4  | 2       |             |
| 8      | OC               | BM-308    | Web – Learning                                      | -                      | -            | -                | -              | -        | 40                     | -           | - | 4  | 2       | Total Marks |
|        |                  |           |   | 300                    | 150          | 50               | 50             | 80       | 150                    | 12          | 5 | 18 | 26      | 780         |