

## Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal (M.P.)

## **Scheme of Examination**

## Second Semester- M.E./ M.Tech Power Electronics / Electrical Machines and Drives

| S.No. | Subject<br>Code | Subject Name                                      | Periods per<br>week |   |    | Credits | Maximum Marks<br>(Theory Slot) |                |                          | Maximum Marks<br>(Practical Slot) |   | Total<br>Marks |
|-------|-----------------|---|---------------------|---|----|---------|--------------------------------|----------------|--------------------------|-----------------------------------|---|----------------|
|       |                 |   | L                   | Т | P  |         | End<br>Sem.<br>Exam.           | Tests<br>(Two) | Assign<br>ments<br>/Quiz | End<br>Sem.<br>Practical<br>/Viva | Practical<br>Record/<br>assignm<br>ent/Quiz<br>/present |                |
| 1.    | MEPE<br>201     | Solid State<br>Controllers of<br>Drives           | 3                   | 1 | -  | 4       | 70                             | 20             | 10                       | -                                 | ation   | 100            |
| 2.    | MEPE<br>202     | Advanced Microprocessor and Application           | 3                   | 1 | -  | 4       | 70                             | 20             | 10                       | -                                 | -   | 100            |
| 3.    | MEPE<br>203     | Power Electronics App. To Power Systems           | 3                   | 1 | -  | 4       | 70                             | 20             | 10                       | -                                 | -   | 100            |
| 4.    | MEPE<br>204     | Modeling and<br>Simulation of<br>Drives           | 3                   | 1 | -  | 4       | 70                             | 20             | 10                       | -                                 | -   | 100            |
| 5.    | MEPE<br>205     | Power Quality and Conditioning                    | 3                   | 1 | -  | 4       | 70                             | 20             | 10                       | -                                 | -   | 100            |
| 6.    | MEPE<br>206     | Lab-III (Solid State<br>Controllers of<br>Drives) | -                   | - | 6  | 6       | -                              | -              | -                        | 90                                | 60  | 150            |
| 7.    | MEPE<br>207     | Lab-IV (Adv.<br>Microprocessor &<br>DSP App.      | -                   | - | 6  | 6       | -                              | -              | -                        | 90                                | 60  | 150            |
|       |                 | Total   | 15                  | 5 | 12 | 32      | 350                            | 100            | 50                       | 180                               | 120   | 800            |