## Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal

## Semester VIII

Credit Based Grading System (CBGS) w.e.f. July 2018

Scheme of Examination

Bachelor of Engineering B.E. (Electronics and communication Engineering)

Subject wise distribution of marks and corresponding credits

Scheme of Examination w.e.f. July-2018 Academic Session-2018-19

|     | Subject | Subject Name & Title   |        | Maximum Marks Allotted |            |           |                |             |                |               |   |         | Total | Remarks                       |
|-----|---------|------------------------|--------|------------------------|------------|-----------|----------------|-------------|----------------|---------------|---|---------|-------|-------------------------------|
|     | Code    |                        | Theory |                        |            | Practical |                |             | Total<br>Marks | Hours / week. |   | Credits |       |                               |
| S.  |         |                        |        |                        |            |           |                |             |                |               |   |         |       |                               |
| No. |         |                        | End    | Mid Sem.               | Quiz,      | End       | Lab            | Assignment/ |                | L             | T | P       |       | <u>_</u>                      |
|     |         |                        | Sem    | n MST                  | Assignment | Sem.      | Work Quiz/Term |             |                |               |   |         | hour  |                               |
|     |         |                        |        |                        | <u> </u>   |           |                | paper       |                |               |   |         |       |                               |
| 1   | EC-8001 | VLSI Design            | 70     | 20                     | 10         | 30        | 10             | 10          | 150            | 3             | 1 | 2       | 6     | one<br>Tutoi                  |
| 2   | EC-8002 | Advanced Communication | 70     | 20                     | 10         | 30        | 10             | 10          | 150            | 3             | 1 | 2       | 6     |                               |
|     |         | System                 |        |                        |            |           |                |             |                |               |   |         |       | refers t<br>theory,<br>tical. |
| 3   | EC-8003 | Elective-V             | 70     | 20                     | 10         | -         | -              | -           | 100            | 3             | 1 | -       | 4     |                               |
| 4   | EC-8004 | Elective-VI            | 70     | 20                     | 10         | -         | -              | -           | 100            | 3             | 1 | -       | 4     | ac it                         |
| 5   | EC-8005 | Project -II            | -      | -                      | -          | 120       | 40             | 40          | 200            | -             | - | 8       | 8     | ا خ خ                         |
| 6   | EC-8006 | Departmental Choice    | -      | -                      | -          | -         | -              | 50          | 50             | -             | - | 2       | 2     | One (<br>teach<br>and i       |
|     |         | (Internal Assessment)  |        |                        |            |           |                |             |                |               |   |         |       | an te                         |
| 7   | EC-8007 | Group Discussion       | -      | -                      | -          | -         | -              | 50          | 50             | -             | - | 2       | 2     | Total Marks                   |
|     |         | (Internal Assessment)  |        |                        |            |           |                |             |                |               |   |         |       |                               |
|     |         |                        | 280    | 80                     | 40         | 180       | 60             | 160         | 800            | 12            | 4 | 16      | 32    | 800                           |

MST: Minimum of two mid semester tests to be conducted.

L: Lecture T: Tutorial P: Practical

|        | Department Elective-V             | Department Elective-VI             |  |  |  |  |  |
|--------|-----------------------------------|------------------------------------|--|--|--|--|--|
| S. No. | Subject Name                      | Subject Name                       |  |  |  |  |  |
| 1      | Principles Management & Economics | Advanced Digital Signal Processing |  |  |  |  |  |
| 2      | Mobile Computing                  | Cyber Security & IOT               |  |  |  |  |  |
| 3      | Digital Control System            | Radar Engineering                  |  |  |  |  |  |