

# Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal

## Scheme of Examination as per AICTE Flexible Curricula Bachelor of Technology (B.Tech.) [Mining & Mineral Processing]

### IV Semester

**For batches admitted in July, 2021 (w.e.f. Jan, 2022)**

| S. No. | Subject Code | Category | Subject Name  | Maximum Marks Allotted   |                |                  |           |                      | Total Marks | Contact Hours per week |   |    | Total Credits |
|--------|--------------|----------|---|--|----------------|------------------|-----------|----------------------|-------------|------------------------|---|----|---------------|
|        |              |          |   | Theory   |                |                  | Practical |                      |             | L                      | T | P  |               |
|        |              |          |   | End Sem.   | Mid Sem. Exam. | Quiz/ Assignment | End Sem.  | Term work            |             |                        |   |    |               |
|        |              |          |   |  |                |                  |           | Lab Work & Sessional |             |                        |   |    |               |
| 1.     | BT401        | BSC      | Mathematics-III   | 70   | 20             | 10               | -         | -                    | 100         | 3                      | 1 | -  | 4             |
| 2.     | MM402        | DC       | Drilling & Blasting   | 70   | 20             | 10               | 30        | 20                   | 150         | 4                      | 0 | 2  | 5             |
| 3.     | MM403        | DC       | Underground Coal Mining   | 70   | 20             | 10               | 30        | 20                   | 150         | 4                      | 0 | 2  | 5             |
| 4.     | MM404        | DC       | Mining Machinery -I   | 70   | 20             | 10               | 30        | 20                   | 150         | 3                      | 0 | 2  | 4             |
| 5.     | MM405        | DC       | Geology -II   | 70   | 20             | 10               | 30        | 20                   | 150         | 3                      | 0 | 2  | 4             |
| 6.     | MM406        | DLC*     | Computer Programming (C Language)                                   | -  | -              | -                | 30        | 20                   | 50          | -                      | - | 4  | 2             |
| 7.     | BT407        | DLC      | 90 hrs Internship based on using various software's –Internship -II | To be completed anytime during fourth semester. Its evaluation/credit to be added in fifth semester. |                |                  |           |                      |             |                        |   |    | 3             |
|        |              | Total    |   | 350  | 100            | 50               | 150       | 100                  | 750         | 17                     | 1 | 12 | 24            |
| 8.     | BT408        | MC       | Cyber Security  | Non-credit course  |                |                  |           |                      |             |                        |   |    |               |
| 9      | BT409        | MC       | Indian Knowledge System   | Non-credit course  |                |                  |           |                      |             |                        |   |    |               |
|        |              |          | NSS/NCC   |  |                |                  |           |                      |             |                        |   |    |               |

\*A minimum of 2hours per week should be allotted for the Virtual Lab along with the slot fixed for the conventional lab classes.

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

\*Students can earn additional credits from the University recognized MOOC courses.

|              |               |                |
|--------------|---------------|----------------|
| 1 Hr Lecture | 1 Hr Tutorial | 2 Hr Practical |
| 1 Credit     | 1 Credit      | 1 Credit       |