

# Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal

Scheme of Examination as per AICTE Flexible Curricula

IV Semester

**Bachelor of Technology (B.Tech.) [Chemical Engineering]**

**For batches admitted in July, 17 & July, 18 (w.e.f. July, 2018)**

| 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.             | <b>ES401</b>  | BSC      | <b>Energy &amp; Environmental Engineering</b>                              | 70  | 20             | 10               | -          | -                    | 100         | 3                      | 1        | -         | 4             |
| 2.             | <b>CM402</b>  | DC       | <b>Fluid Particle Mechanics</b>  | 70  | 20             | 10               | 30         | 20                   | 150         | 4                      | 0        | 2         | 5             |
| 3.             | <b>CM403</b>  | DC       | <b>Fluid Mechanics</b>   | 70  | 20             | 10               | 30         | 20                   | 150         | 4                      | 0        | 2         | 5             |
| 4.             | <b>CM404</b>  | DC       | <b>Fuel Technology</b>   | 70  | 20             | 10               | 30         | 20                   | 150         | 3                      | 0        | 2         | 4             |
| 5.             | <b>CM405</b>  | DC       | <b>Inorganic Process Technology</b>  | 70  | 20             | 10               | 30         | 20                   | 150         | 3                      | 0        | 2         | 4             |
| 6.             | <b>CM406</b>  | DLC*     | <b>Computer Programming-II</b>   | -   | -              | -                | 30         | 20                   | 50          | -                      | -        | 4         | 2             |
| 7.             | <b>BT407</b>  | DLC      | <b>90 hrs Internship based on using various software's -Internship -II</b> | <b>To be completed anytime during fourth semester. Its evaluation/credit to be added in fifth semester.</b> |                |                  |            |                      |             |                        |          |           | <b>3</b>      |
| <b>Total</b>   |               |          |  | <b>350</b>  | <b>100</b>     | <b>50</b>        | <b>150</b> | <b>100</b>           | <b>750</b>  | <b>17</b>              | <b>1</b> | <b>12</b> | <b>24</b>     |
| 8.             | <b>2BT408</b> | MC       | <b>Cyber Security</b>  | <b>Non-credit course</b>  |                |                  |            |                      |             |                        |          |           |               |
| <b>NSS/NCC</b> |               |          |  |   |                |                  |            |                      |             |                        |          |           |               |

\*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.

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