

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

New Scheme of Examination as per AICTE Flexible Curricula

VIII Semester

**Bachelor of Technology (B.Tech.) Computer Science and Engineering/ (w.e.f. Jan, 2021)
Computer Engineering/Computer Science & Technology]**

| 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. | CS 801 | DC | Internet of Things | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 2. | CS 802 | DE | Departmental Elective | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | CS 803 | OE | Open Elective | 70 | 20 | 10 | - | - | 100 | 3 | - | - | 3 |
| 4. | CS 804 | D/O/E Lab | D/O elective lab | - | -- | - | 30 | 20 | 50 | - | - | 6 | 3 |
| 5. | CS 805 | P | Major Project-II | - | - | - | 70 | 30 | 100 | - | - | 8 | 4 |
| 6. | Additional Credits [#] | <i>#Additional credits can be earned through successful completion of credit based MOOC's Courses available on SWAYAM platform (MHRD) at respective UG level.</i> | | | | | | | | | | | |
| Total | | | | 210 | 60 | 30 | 130 | 70 | 500 | 8 | 2 | 16 | 18 |

| Departmental Electives | Open Electives |
|--|---|
| 802(A) Block Chain Technologies | 803(A) Image Processing and Computer Vision# |
| 802 (B) Cloud Computing | 803(B) Game Theory with Engineering applications# |
| 802 (C) High Performance computing | 803(C) Internet of Things* |
| 802 (D) Object Oriented Software Engineering | 803 (D) Managing Innovation and Entrepreneurship# |

These Open Electives can be offered to students of all branches **including CSE branch**. However, they can be offered to students of Non-CSE branches only if they have not taken any similar courses previously and have sufficient knowledge of pre-requisite courses (if any) of respective open electives subject.

* can be offered to students of all branches except CSE, provided they have not taken any similar course previously and have sufficient knowledge of pre-requisite courses, if any.

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