

**Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal**  
**New Scheme of Examination as per AICTE Flexible Curricula**  
**Bachelor of Technology (B.Tech.) Computer Science and Engineering/**  
**Computer Engineering/Computer Science & Technology]** (w.e.f. Jan, 2020)

**VI Semester**

| 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<br>Lab Work & Sessional |             |                        |   |    |               |
| 1.    | CS601                           | DC   | Machine Learning      | 70  | 20             | 10               | 30        | 20                                | 150         | 2                      | 1 | 2  | 4             |
| 2.    | CS602                           | DC   | Computer Networks     | 70  | 20             | 10               | 30        | 20                                | 150         | 2                      | 1 | 2  | 4             |
| 3.    | CS603                           | DE   | Departmental Elective | 70  | 20             | 10               | -         | -                                 | 100         | 4                      | - | 0  | 4             |
| 4.    | CS604                           | OE   | Open Elective         | 70  | 20             | 10               | -         | -                                 | 100         | 4                      | - | 0  | 4             |
| 5.    | CS605                           | D Lab  | Data Analytics Lab    | -   | -              | -                | 30        | 20                                | 50          | -                      | - | 6  | 3             |
| 6.    | CS606                           | O/E Lab  | Skill Development Lab | -   | -              | -                | 30        | 20                                | 50          | -                      | - | 6  | 3             |
| 7.    | CS607                           | IN   | Internship-III        | To be completed anytime during Fifth/Sixth semester. Its evaluation/credit to be added in Seventh Semester. |                |                  |           |                                   |             |                        |   |    |               |
| 8.    | CS608                           | P  | Minor Project II      | -   | -              | -                | -         | 50                                | 50          | -                      | - | 4  | 2             |
| 9.    | Additional Credits <sup>#</sup> | <sup>#</sup> Additional credits can be earned through successful completion of credit based MOOC's Courses available on SWAYAM platform (MHRD) at respective UG level. |                       |   |                |                  |           |                                   |             |                        |   |    |               |
|       |                                 |  | Total                 | 280   | 80             | 40               | 120       | 130                               | 650         | 12                     | 2 | 20 | 24            |

| Departmental Electives                    | Open Electives                                   |
|---|--|
| 603 (A) Advanced Computer Architecture    | 604(A) Knowledge Management                      |
| 603 (B) Computer Graphics & Visualization | 604(B) Project Management                        |
| 603 (C) Compiler Design                   | 604 (C) Rural Technology & Community Development |

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