

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 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 [#] | [#] 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 |