

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
New Scheme of Examination as per AICTE Flexible Curricula
Bachelor of Technology (B.Tech.) Civil Engineering (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. | CE601 | DC | Structural Design and Drawing (RCC-I) | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 2. | CE 602 | DC | Environmental Engineering I | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 3. | CE 603 | DE | Departmental Elective | 70 | 20 | 10 | - | - | 100 | 4 | - | 0 | 4 |
| 4. | CE 604 | OE | Open Elective | 70 | 20 | 10 | - | - | 100 | 4 | - | 0 | 4 |
| 5. | CE 605 | D Lab | Advance surveying lab | - | - | - | 30 | 20 | 50 | - | - | 6 | 3 |
| 6. | CE 606 | O/E Lab | Non Destructive Testing Lab | - | - | - | 30 | 20 | 50 | - | - | 6 | 3 |
| 7. | CE 607 | IN | Internship-III | To be completed anytime during Fifth/Sixth semester. Its evaluation/credit to be added in Seventh Semester. | | | | | | | | | |
| 8. | CE 608 | 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) Water resources engineering | 604(A) Fluid Mechanics II |
| 603 (B) Precast and modular construction | 604(B) Intellectual Property rights(IPR) |
| 603(C) Advance pavement design | 604(C) Environmental Impact Assessment |
| 603(D) Cost effective and Eco-friendly structures | 604(D) Operation Research |

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