# Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
## New Scheme of Examination as per AICTE Flexible Curricula
## Bachelor of Technology (B.Tech.) [ROBOTICS & ARTIFICIAL INTELLIGENCE]
### (w.e.f. July, 2023)

**III Semester**

| .No. | Subject Code | Category | Subject Name | Maximum Marks Allotted | | | | | Total Marks | Contact Hours per week | | | Total Credits |
|------|--------------|----------|--------------|------------------------|--|--|--|--|-------------|------------------------|--|--|----------------|
| | | | | Theory | | | Practical | | | | | | |
| | | | | End Sem. | Mid Sem. Exam. | Quiz/ Assignment | End Sem | Term work — Lab Work & Sessional | | L | T | P | |
| 1. | BT301 | BSC-5 | **Mathematics-III** | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | **4** |
| 2. | RA302 | DC-1 | **Strength of Materials** | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | **4** |
| 3. | RA303N23 | DC-2 | **Data Structures** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | **4** |
| 4. | RA304N23 | DC-3 | **Theory of Machines and Mechanisms** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | **4** |
| 5. | RA305N23 | DC-4 | **Electronic Devices & Circuits** | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | **4** |
| 6. | RA306N23 | DLC-3 | **Electronics Workshop** | - | - | - | 30 | 20 | 50 | - | - | 4 | **2** |
| 7. | BT107 | DLC-1 | **Evaluation of Internship-I completed at I year level** | - | - | - | - | 50 | 50 | | | 4 | **2** |
| 8. | BT307 | DLC-4 | **90 hrs Internship based on using various software's –Internship -II** | To be completed anytime during Third/ fourth semester. Its evaluation/credit to be added in fifth semester. | | | | | | | | | |
| | | | **Total** | **350** | **100** | **50** | **120** | **130** | **750** | **15** | **2** | **14** | **24** |
| 9. | BT308 | MC | **Indian Constitution** | **Non-credit course** | | | | | | | | | |
| | NC301 | | **NSS/NCC** | | | | | | | | | | |

*Students can earn additional credits from the University recognized MOOC courses.