



**SAMRAT ASHOK TECHNOLOGICAL INSTITUTE VIDISHA (M.P.)**  
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV Bhopal)

**Scheme of Examination (Semester -I)**

**for Batch Admitted in session - 2022-23**

**Bachelor of Technology (B. Tech.)**

| Subject Code | Subject Category | Subject Name                                   | Maximum Marks Allotted                                                    |            |            |           |            |           |           |             | Contact Hrs. |          |          | Total Credits |
|--------------|------------------|------------------------------------------------|---------------------------------------------------------------------------|------------|------------|-----------|------------|-----------|-----------|-------------|--------------|----------|----------|---------------|
|              |                  |                                                | Theory                                                                    |            |            |           | Practical  |           |           | Total Marks | L            | T        | P        |               |
|              |                  |                                                | ES                                                                        | MS         | Assignment | Quiz      | ES         | LW        | Quiz      |             |              |          |          |               |
| PYB101       | BSC              | Applied Physics                                | 60                                                                        | 20         | 10         | 10        | 30         | 10        | 10        | 150         | 3            | 0        | 2        | 4             |
| EEA101       | ESC              | Electrical and Electronics Engineering         | 60                                                                        | 20         | 10         | 10        | 30         | 10        | 10        | 150         | 3            | 0        | 2        | 4             |
| HUB102       | HSMC             | Communication and Report Writing               | 60                                                                        | 20         | 10         | 10        | 30         | 10        | 10        | 150         | 3            | 0        | 2        | 4             |
| EEA102       | ESC              | Electronic Instrumentation                     | 60                                                                        | 20         | 10         | 10        | --         | --        | --        | 100         | 3            | 0        | 0        | 3             |
| MAB101       | BSC              | Linear Algebra and Calculus                    | 60                                                                        | 20         | 10         | 10        | --         |           | --        | 100         | 3            | 1        | 0        | 4             |
|              | MAC              | Universal Human Values and Professional Ethics | --                                                                        | --         | --         | --        | 60         | 20        | 20        | 50          | 0            | 0        | 2        | Grade         |
|              | ILC              | Extracurricular Activities                     | It is a one credit per year activity endorse in eight semester mark sheet |            |            |           |            |           |           |             |              |          |          |               |
| <b>Total</b> |                  |                                                | <b>300</b>                                                                | <b>100</b> | <b>50</b>  | <b>50</b> | <b>150</b> | <b>50</b> | <b>50</b> | <b>750</b>  | <b>15</b>    | <b>1</b> | <b>6</b> | <b>19</b>     |

MST: Minimum two mid semester tests to be conducted during Semester, MAC: Mandatory Audit Courses classes will be conducted in off hours (Weekends)

|     |                   |            |
|-----|-------------------|------------|
| MAC | Induction Program | Non-Credit |
| HEC | NSS/NCC/NSO       | Non-Credit |

**Abbreviations:** ES -End Semester, MS- Mid Semester, LW- Laboratory Work/Assignment. (L: Lecture, T: Tutorial, P: Practical)  
BSC- Basic Science Course, ESC- Engineering Science Course, HSMC- Humanities Science and Management Course, MAC- Mandatory, Audit Course, AC- Audit Course, HEC- Holistic Education Course, ITC- Information Technology Course, ILC-Institute Level Course, DC- Department Course, DE-Department Elective, OC- Open Course, DLC- Department Laboratory, PROJ- Project Work

*Handwritten signatures and initials in blue ink, including names like Manoj Kumar, Dr. Manoj Kumar, and others.*