



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

Scheme of Examination (Semester-II)

for Batch Admitted in session - 2022-23

Bachelor of Technology (B. Tech.) – Artificial Intelligence and Data Science

| 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 |
| CSA103 | ESC | Problem Solving and Data Structure | 60 | 20 | 10 | 10 | 30 | 10 | 10 | 150 | 3 | 0 | 2 | 4 |
| ITC101 | ITC | Python Programming | 60 | 20 | 10 | 10 | 30 | 10 | 10 | 150 | 3 | 0 | 2 | 4 |
| CSA104 | ESC | Principles of Software System | 60 | 20 | 10 | 10 | | | | 100 | 3 | 0 | 0 | 3 |
| MAB102 | BSC | Statistics: Probability Distribution and Differential Equations | 60 | 20 | 10 | 10 | -- | | -- | 100 | 3 | 1 | 0 | 4 |
| CSL110 | ESC | Computer Workshop (Linux Lab) | | | | | 30 | 10 | 10 | 50 | 1 | 0 | 2 | 2 |
| MAC102 | MAC* | Disaster Management | -- | -- | | -- | 30 | 10 | 10 | 50 | 0 | 0 | 2 | Grade |
| ILC100 | ILC | Extracurricular Activities | It is a one credit per year activity endorse in eight semester marksheet | | | | | | | | | | | |
| Total | | | 300 | 100 | 50 | 50 | 150 | 50 | 50 | 750 | 16 | 1 | 8 | 21 |

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

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| ILC | Internship-I (60 Hrs) Institute Level | Non-Credit |
| HEC | NSS/NCC/NSO | Non-Credit |


 Dr. Krunal Seneja
 Chairperson

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