



SAMRAT ASHOK TECHNOLOGICAL INSTITUTE VIDISHA (M.P.)
 (An autonomous institute affiliated to RGPV Bhopal)
Scheme of Examination (Semester - VI)
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 | | | L | T | P | |
| | | | ES | MS | QA | ES | LW | Total Marks | | | | |
| AI -2061 | PCC | Data Handling and Visualization | 70 | 20 | 10 | 30 | 20 | 150 | 3 | | 2 | 4 |
| AI-2062 | PCC | Business Intelligence | 70 | 20 | 10 | 30 | 20 | 150 | 3 | | 2 | 4 |
| AI-2063 | PCC | Natural Language Processing | 70 | 20 | 10 | 30 | 20 | 150 | 3 | | 2 | 4 |
| AI-2064 | PEC | PEC-2 | 70 | 20 | 10 | | | 100 | 3 | | | 3 |
| AI-2065 | OEC | OE-2 | 70 | 20 | 10 | | | 100 | 3 | | | 3 |
| AI-2066 | PROJ | Minor Project-1 | | | | 50 | 50 | 100 | | | 4 | 2 |
| Total | | | 300 | 100 | 100 | 140 | 110 | 750 | 15 | | 10 | 20 |

MST: Minimum two mid semester tests to be conducted during Semester

| PEC (Department Elective-2) | | Open Elective (the course must be enrolled in inter department)-2 | |
|-----------------------------|-----------------------------|---|----------------------------------|
| PEC-2(A) | Robotics Process Automation | Soft Computing OE-2(A) | Course offered by CSE Department |
| PEC-2(B) | Computer Vision | Information Retrieval OE-2(B) | Course offered by CSE Department |
| PEC-2(C) | Data compression | Advanced Web Technology OE-2(C) | Course offered by CSE Department |

Handwritten signatures and initials:
 [Signature 1] [Signature 2] [Signature 3] [Signature 4] [Signature 5] [Signature 6]

Signature
 Dr. Kanak Saxena
 Chairperson