



SAMRAT ASHOK TECHNOLOGICAL INSTITUTE

(ENGG. COLLEGE)

(An Autonomous Institute Affiliated to RGPV, Bhopal)

Vidisha (M.P.) 464001

SCHEME OF EXAMINATION W.E.F. 2011-12

First Semester – ME/M.Tech in I.T.

| S. No | Subject Code | Subject Name | Periods per week | | | Credits | Maximum Marks (Theory Slot) | | | Maximum Marks (Practical Slot) | | Total Marks |
|-------|--------------|---------------------------------|------------------|----------|-----------|-----------|-----------------------------|-------------|--------------------|--------------------------------|------------------------------------------------|-------------|
| | | | L | T | P | | End Sem. Marks | Tests (Two) | Assignments / Quiz | End Sem. Practical / Viva | Practical Record/ Assign. / Quiz/ Presentation | |
| 1 | MTIT-101 | Artificial Intelligence | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 2 | MTIT-102 | Computer Graphics & Multi Media | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 3 | MTIT-103 | Object Oriented Technology | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 4 | MTIT-104 | Advanced DBMS | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 5 | MTIT-105 | Elective (E-I) | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 6 | MTIT-106 | Programming Lab. I | - | - | 6 | 6 | - | - | - | 90 | 60 | 150 |
| 7 | MTIT-107 | Programming Lab. II | - | - | 6 | 6 | - | - | - | 90 | 60 | 150 |
| | | Total | 15 | 5 | 12 | 32 | 350 | 100 | 50 | 180 | 120 | 800 |

L : Lecture T : Tutorial P : Practical

Elective-I :

- A. Internet Technology
- B. Software Project Management
- C. Embedded Systems
- D. Digital Signal Processing



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SCHEME OF EXAMINATION W.E.F. 2011-12

Second Semester – ME/ M.Tech in I.T.

| S. No | Subject Code | Subject Name | Periods per week | | | Credits | Maximum Marks (Theory Slot) | | | Maximum Marks (Practical Slot) | | Total Marks |
|-------|--------------|--------------------------------------------|------------------|----------|-----------|-----------|-----------------------------|-------------|--------------------|--------------------------------|------------------------------------------------|-------------|
| | | | L | T | P | | End Sem. Marks | Tests (Two) | Assignments / Quiz | End Sem. Practical / Viva | Practical Record/ Assign. / Quiz/ Presentation | |
| 1 | MTIT-201 | Information Security | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 2 | MTIT-202 | Digital Image Processing & Computer Vision | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 3 | MTIT-203 | Data Mining & Ware housing | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 4 | MTIT-204 | Elective (E-II) | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 5 | MTIT-205 | Elective (E-III) | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 6 | MTIT-206 | Programming Lab. III | - | - | 6 | 6 | - | - | - | 90 | 60 | 150 |
| 7 | MTIT-207 | Programming Lab. IV | - | - | 6 | 6 | - | - | - | 90 | 60 | 150 |
| | | Total | 15 | 5 | 12 | 32 | 350 | 100 | 50 | 180 | 120 | 800 |

L : Lecture T : Tutorial P : Practical

Elective-II :

- A. Mobile Computing
- B. Soft Computing
- C. High Performance Computing
- D. Ad hoc Network

Elective-III

- A. Reinforcement Learning
- B. Pattern Recognition
- C. Distributed Computing
- D. Parallel Computing