



Department of Artificial Intelligence

Scheme of Teaching, Examination & Evaluation

B. Tech. Fourth Semester (NEP)

Scheme :- BTECH/AI/NEP-24/R0

Fourth Semester

| Sr. No. | Type of Course | Course Code | Course Title | Teaching Scheme (Hours/ Week) | | | Credits | Maximum Marks | | | Minimum Marks | | | End Semester Exam Duration (Hrs) |
|--------------|----------------|-------------|---|-------------------------------|---|---|---------|-----------------------|-------------------|-------------|-----------------------|-------------------|-------------|----------------------------------|
| | | | | L | T | P | | Continuous Evaluation | End Semester Exam | Total Marks | Continuous Evaluation | End Semester Exam | Total Marks | |
| 1 | PCC | AI401T | Python Programming | 3 | 0 | 0 | 3 | 40 | 60 | 100 | --- | 15 | 45 | 3 |
| 2 | | AI401P | Python Programming Lab | 0 | 0 | 2 | 1 | 25 | 25 | 50 | --- | --- | 25 | --- |
| 3 | | AI402T | Computer Architecture and Organization | 3 | 0 | 0 | 3 | 40 | 60 | 100 | --- | 15 | 45 | 3 |
| 4 | | AI403T | Theory of Computation | 3 | 0 | 0 | 3 | 40 | 60 | 100 | --- | 15 | 45 | 3 |
| 5 | MDM | CSAI404T | Multidisciplinary Minor-II: (Refer MD M Basket) | 2 | 0 | 0 | 2 | 20 | 30 | 50 | --- | 8 | 23 | 2 |
| 6 | OE | CSAI405T | Open Elective-II: (Refer OE Basket) | 2 | 0 | 0 | 2 | 20 | 30 | 50 | --- | 8 | 23 | 2 |
| 7 | VSEC | AI406P | Computer Workshop - I | 0 | 0 | 4 | 2 | 50 | 50 | 100 | --- | --- | 50 | --- |
| 8 | HSSM (AEC) | HUM407T | Ability Enhancement Course* | 2 | 0 | 0 | 2 | 20 | 30 | 50 | --- | 8 | 23 | 2 |
| 9 | HSSM | HUM408T | Entrepreneurship Development and Management | 2 | 0 | 0 | 2 | 20 | 30 | 50 | --- | 8 | 23 | 2 |
| 10 | VEC | HUM409T | Digital and Technological Solutions | 2 | 0 | 0 | 2 | 20 | 30 | 50 | --- | 8 | 23 | 2 |
| Total | | | | 19 | 0 | 6 | 22 | | | 700 | --- | --- | --- | --- |

Abbreviations:-

L- Lecture, T- Tutorial, P- Practical

PCC - Programme Core Course, PEC- Programme Elective Course, MDM - Multidisciplinary Minor, OE- Open Elective other than program.

| Multidisciplinary Minor (MD M)-II | | |
|-----------------------------------|-------------|----------------------------------|
| Sr. No. | Course Code | Course Name |
| 1 | CSEAI404T | Introduction to Computer Network |

| Open Elective - II | | | |
|--------------------|----------|-------------|--------------------------|
| Sr. No. | Category | Course Code | Course Name |
| 1 | OE | CSEAI405T | Cyber Law & Ethics in IT |

* Basket for Ability Enhancement Courses (AEC-2)

| Sr. No. | Course Code | Course Name |
|---------|-------------|-----------------------------------|
| 1 | HUM407T-1 | Effective Technical Communication |
| 2 | HUM407T-2 | समाज माध्यमांसांसाठी मराठी |
| 3 | HUM407T-3 | समाज माध्यम के लिये हिंदी |