

For Batches admitted in 2023-24 onwards

| S. No. | Name of Micro Specialization | Head Course (S) | | | Elective Courses | | |
|--------|--|----------------------|----------|--------|---------------------------------------|----------|--------|
| | | Course Name | Semester | Credit | Course Name | Semester | Credit |
| 1 | Software Engineering | Software Engineering | IV | 3 | Agile and Secure Software Engineering | V | 3 |
| | | | | | Software Testing | VI | 3 |
| | | | | | Software Quality Management | VII | 3 |
| | | | | | Design Pattern | VIII | 3 |
| 2 | Artificial Intelligence and Machine Learning | Machine Learning | IV | 3 | Artificial Intelligence | V | 3 |
| | | | | | Natural Language Processing | VI | 3 |
| | | Machine Learning Lab | IV | 1 | Deep Learning | VII | 3 |
| | | | | | Reinforcement Learning | VIII | 3 |
| 3 | Artificial Intelligence and Data Science | Machine Learning | IV | 3 | Artificial Intelligence | V | 3 |
| | | | | | Statistical Methods and Data Analysis | VI | 3 |
| | | Machine Learning Lab | IV | 1 | Deep Learning | VII | 3 |
| | | | | | Exploratory Data Analytics | VIII | 3 |