

B.Voc in Machine Learning and Artificial Intelligence

Course Curriculum

First Semester	<ol style="list-style-type: none">1. Basics of Artificial Intelligence and Machine Learning2. Object Oriented Programming using Python3. Python Programming Lab4. Mathematics-I5. Language-I6. English-I
Second Semester	<ol style="list-style-type: none">1. Data Structures and Algorithm2. Statistical Structure in data using R3. R Programming Lab4. Statistics-I5. Language-II

	6. English-II
Third Semester	1.Java Programming 2. Neural Networks 3. Java Programming Lab 4. Advanced Database System 5. Advanced Database System Lab 6. Pattern Recognition 7. Generic Electives-I 8. Skill Enhancement Course-I
Four Semester	1. Natural Language Processing 2. Deep Learning 3. Machine Learning and its Applications
	4. Machine Learning using WEKA Lab 5. Internet of Things 6. Generic Electives-II 7. Skill Enhancement Course-II 8. Environmental Science
Fifth Semester	1. Machine Vision Systems 2. Big Data Analytics 3. Statistical Analysis System/SPSS Programming 4. Statistical Analysis System /SPSS Programming Lab 5. Discipline Specific Elective-I 6. Discipline Specific Elective-II 7. Skill Enhancement Course-III

Sixth Semester

1. Web Mining & Recommender Systems

2. Data Science using Python

3. Data Science Lab

4. Discipline Specific Elective-III

5. Discipline Specific Elective-IV

6. Project work