

B.Voc. in Robotics & Artificial Intelligence

Syllabus

First Semester	<ol style="list-style-type: none">1. Digital Electronics2. Introduction to C-Programming3. Mathematics I4. Generic Elective5. Communicative English6. Mentored Seminar – I7. Foreign Language – I (German /Spanish /Japanese)
Second Semester	<ol style="list-style-type: none">1. Computer Architecture2. IData Structures with Python3. Mathematics II4. Generic Elective5. Environmental Science6. Mentored Seminar – II7. Foreign Language – II (German /Spanish /Japanese)
Third Semester	<ol style="list-style-type: none">1. Artificial Intelligence2. Database Management System3. Operating System & System Programming4. Machine learning5. Generic Elective

Four Semester	<ol style="list-style-type: none"> 1. Computer Graphics & Multimedia 2. Software Engineering 3. Numerical Analysis 4. Natural language processing with Python
Fifth Semester	<ol style="list-style-type: none"> 1. Introduction to Robotics 2. Embedded System Programming 3. Computer Networks 4. Intelligent agents and Smart Systems 5. Project – I on Robotics
Sixth Semester	<ol style="list-style-type: none"> 1. Elective-I 2. Elective-II 3. Project Work II/Dissertation