Vishwakarma University (VU), Pune

Bachelor's degree (B.E./ B.Tech. or Equivalent) in Engg./ Tech.
with Multidisciplinary Minor
4 Years – 8 Semesters Full Time Programme
Effective from AY 2024 – 2025

Programme Structure (NEP)
Choice Based Credit System (CBCS) and Grading System
Outcome-Based Education

Semester I

Applied Mathematics
Fundamental of Electronics
Computer Organization
Introduction to Computer Programming
Fundamental of Electronics Lab
Introduction to Computer Programming Lab
Web Technology Lab
Capstone Project-I
Induction Training
Indian Knowledge System Concepts and Applications in Engineering

Semester II

Prompt Engineering
Linear Algebra and Statistics
Processor Architecture
Logic Development and Programming
Logic Development and Programming Lab
Processor Architecture Lab
Introduction to Microcontroller programming Lab
Technical Skill development Lab-1(OOP using C++)
Capstone Project-II
Corporate Communication

Semester III

Data Structures
Data Structures Lab
Fundamentals of Data Science
Fundamentals of Data Science Lab
Financial Literacy and Banking
Project Based Learning -Python
Environmental Science - I
Discrete Mathematics
Mobile Computing
Cyber Security and Cyber Laws (Honors)

Semester IV

Computer Graphics and Gaming
Computer Graphics and Gaming Lab
Database Management Systems
Database Management Systems Lab
Technical Skill development Lab -Java
Project Management
Environmental Science - II
From Campus to Corporate - 1
Computational Theory
Information and Application Security
Application Security (Honors)