

Vishwakarma University (VU), Pune

Bachelor of Business Administration (Computer Applications) (BBACA)

4 Years – 8 Semesters Full Time Programme

Effective from AY 2025 – 2026

Programme Structure (NEP)

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

SEMESTER I

Essentials of Computer Fundamentals (IT and Os)
Introduction to Digital Literacy and Cyber Awareness
Fundamentals of Business Organization
Business Mathematics
English (VU Level)
Emotional and Moral Development
Critical Thinking

SEMESTER II

Programming Fundamental with C
Database Management Systems
Productivity Tools
Business Process Automation & Workflow Management
Human Skills for Business Excellence
Indian Vision For Human Society
Environmental Studies
Google Workspace

SEMESTER III

Object-Oriented Programming with C++
Data Structures & Algorithms
Data Management and Visualization
Digital Business Management
Leadership & Strategic Skills
Business Communication
Rural Business Outreach & Social Entrepreneurship

SEMESTER IV

Python Programming
Angular JS
Digital Communication and Presentation Tools
Event Management & Corporate Hospitality
Modern Indian Language (VU Level)
Group Discussion
Field Project

SEMESTER V

Programming with Java
Web Technologies
Research Methodology
Java Script
Fundamentals of Big Data
Social Media & Digital Platforms
NODE JS

SEMESTER VI

Mobile Application Development
Artificial Intelligence and Machine Learning
Cyber Security and IT Law
Programming with PHP
Linux Operating System
Minor Track Project
Data Science

SEMESTER VII

Honors Track	Research Track
Fundamentals of Internet of Things (IoT)	IPR & Innovation Management
Artificial Intelligence & ML	Artificial Intelligence & ML
BlockChain Technology	BlockChain Technology
Big Data Analytics	Big Data Analytics
Leadership and Team Management	Leadership and Team Management
Entrepreneurship Development	Entrepreneurship Development
Major Project	Research Project-1

SEMESTER VIII

Honors Track	Research Track
Data Mining and Data Warehousing	Data Mining and Data Warehousing
Android Programming	Android Programming
Game Design & Development	Game Design & Development
Major Project	Research Internship
Internship	Research Project-2