

B.Com - Regular

## SYLLABUS

### Semester 1\*

Language -I Language - II  
Fundamentals of computer Programming in C  
Mathematical foundation / Accountancy Lab-I.T  
Lab-C Programming  
OEC-Pre reforms Indian Economy Digital Fluency

### Semester 2\*

Language I Language - II  
Discrete Mathematical Structure Data Structure Using C  
Object oriented concepts using JAVA Lab- Data Structure  
Lab-JAVA  
OEC-Economics of Business environment

### Semester 3\*

Language - I Language - II  
C# & Dot NET Frame work  
Computer Communication & Network Lab-DBMS  
Lab-C# & DOT NET Framework  
ECO- Economics of Human Development

### Semester 4\*

Language - I Language - II  
Python Programming  
Computer Multimedia animation Operating system & concepts Lab-M & A  
Lab-Operating system & concepts ECO-Entrepreneurial Economics

### Semester 5\*

Data Communication and Networks Software Engineering  
Computer Architecture Java Programming  
Microprocessor and Assembly Language Java Programming Lab  
Assembly Language Programming Lab Project

## Skill Development Course

### Semester 6\*

Theory of Computation System Programming

Cryptography and Network Security Web Programming

Web Programming Lab

\* Syllabus - Subject to change as per NEP guidelines.