

## B.Sc. CS SYLLABUS

#### Semester II

- Programming with C (Theory & Practical)
- Programming with Python II (Theory & Practical)
- Linux (Theory & Practical)
- Data Structure (Theory & Practical)
- Calculus (Theory & Practical)
- Statistical Methods & Testing of Hypothesis (Theory & Practical)
- Green Technologies

#### Semester IV

- Fundamental of Algorithms (Theory & Practical)
- Advance Java (Theory & Practical)
- Computer Networks (Theory & Practical)
- Software Engineering
- Linear Algebra using Python (Theory & Practical)
- .NET Technologies (Theory & Practical)
- Skill Enhancement : Android Developer Fundamentals (Theory & Practical)

#### Semester Vl

- Elective-I (select any two)
  - 1<sup>st</sup> . Wireless Sensor Networks and Mobile Communication (Theory & Practical)
    - (Theory & Practical)

      2<sup>nd</sup> . Cloud Computing (Theory & Practical)
  - 3<sup>rd</sup> . Cyber Forensics (Project)
- Elective-II (select any two)
  - 1<sup>st</sup> . Information Retrieval
  - 2<sup>nd</sup> . Digital Image Processing
  - **3**<sup>rd</sup> . Data Science
- Skill Enhancement : Ethical Hacking
- Project

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### For Admission and Details visit us:

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