1. INFORMATION SECURITY

Outcomes:

- Student will be able to understand basic cryptographic algorithms, message and web authentication and security issues.
- Ability to identify information system requirements for both of them such as client and server.
- Ability to understand the current legal issues towards information security.

2. DESIGN PATTERNS

Outcomes:

•capability to understand and observe not unusual layout patterns to incremental /iterative improvement.

•capacity to perceive suitable styles for design of given trouble.

3. MOBILE APPLICATION DEVELOPMENT

Outcomes:

•ability to evaluate and pick out suitable solutions to the cellular computing platform.

•potential to broaden the consumer interface.

•capacity design an easy mobile cellphone recreation.

4. INFORMATION RETRIVAL SYSTEM

Outcomes:

Become aware of primary theories in facts retrieval systems

• identify the evaluation gear as they apply to statistics retrieval systems

• is familiar with the problems solved in contemporary ir structures

• describes the blessings of present day ir systems

• recognize the problem of representing and retrieving files.

• recognize the modern-day technology for linking, describing and looking the web.

• provide an explanation for the concepts of indexing, vocabulary, normalization and dictionary in facts retrieval.

• evaluate facts retrieval algorithms, and deliver an account of the difficulties of assessment

• use exclusive records retrieval techniques in various utility areas and practice IR concepts to find applicable data big collections of information

• analyze overall performance of retrieval structures when coping with unmanaged facts sources and implement retrieval systems for net search obligations.

• apprehend and practice the simple concepts of information retrieval;

• recognize the restrictions of various information retrieval strategies;

• write packages to put in force scripts and examine engines like google;

• develop capabilities in hassle fixing the use of systematic procedures and remedy complicated issues in companies and develop organization paintings.

5. SEMANTIC WEB AND SOCIAL NETWORKS

Outcomes:

- Ability to apprehend and knowledge representation for the semantic web.
- Ability to create ontology.
- Capacity to build a blogs and social networks

6. COMPUTER FORENSIC:
Outcomes:

• Students may be information the use of computers in forensic, and how to use numerous forensic gear for an extensive kind of investigations.

• It gives a possibility to students to preserve their zeal in research in computer forensics.

LABS:

1. CASE TOOLS & SOFTWARE TESTING LAB
Outcomes:

• Capability to apprehend the history, fee of the use of and building case tools.

• Capability to construct examine hybrid case gear by using integrating existing tools.

• Potential to deliver the product with qualitative.

2. MOBILE APPLICATION DEVELOPMENT LAB
Outcomes:

- Capacity to put in j2me toolkit.
- Ability to increase the person interface and authenticate with an internet server.
- Potential to design web utility the usage of j2me.