1. AUTOMETA AND COMPILER DESIGN

Outcomes:

- Graduate should be able to understand the concept of abstract machines and their power to recognize the languages.
- Attains the knowledge of language classes & grammars relationship among them with the help of Chomsky hierarchy.
- Ability to understand the design of a compiler given features of the languages.
- Ability to implement practical aspects of automata theory.
- Gain Knowledge of powerful compiler generation tools.

2. LINUX PROGRAMMING

Outcomes:

- Work confidently in Linux environment.
- Work with shell script to automate different tasks as Linux administration.

3. SOFTWARE ENEINEERING

Outcomes:

- Ability to Identify the minimum requirements for the development & Application.
- Ability to develop, maintain, efficient reliable and cost effective Software solutions
- Ability to critically thinking and evaluate assumptions and arguments.

4. OPERATING SYSTEM

Outcomes:

By the end of the course student will be able to

- Describe the general architecture of computers
- Describe, contrast and compare differing structures for operating systems
- Understand and analyze theory and implementation of processes, resource
- Control (concurrency etc.), physical and virtual memory, scheduling, i/o and files.

5. COMPUTER NETWORKS

Outcomes:

After completing this course the student must demonstrate the knowledge and ability to:

- Independently understand basic computer network technology.
- Identify the different types of network topologies and protocols.
- Enumerate the layers of the OSI model and TCP/IP. Explain the function(s) of each layer

- Students should be understand and explore the basics of Computer Networks and Various Protocols.
- He/She will be in a position to understand the World Wide Web concepts.
- Students will be in a position to administrate a network and flow of information further he/she can understand easily the concepts of network security, Mobile and ad hoc networks.

6. MANAGERAL ECONOMICS FINANCIAL ANALYSIS

Outcomes:

At the end of the course, the student will.

- Understanding the market dynamics namely, demand and supply, demand forecasting, elasticity of demand and supply, pricing methods and pricing in different market structures.
- Gain an insight into how production function is carried out to achieve least cost combination of inputs and cost analysis
- Develop an understanding of Analysis how capital budgeting decisions are carried out
- Understand the framework for both manual and computerized accounting process.
- Know how to analysis and interpret the financial statements through ratio analysis.

7. OPERATING SYSTEM & COMPUTER NETWORKS LAB

Outcomes:

- The course objectives ensure the development of students applied skills in operating systems related areas.

- Students will gain knowledge ¡n writing software routines, modules for implementing various concepts of operating systems.
- Ability to understand the encryption and decryption concepts in Linux environment.
- Ability to apply appropriate algorithm for the finding of shortest route.
- Ability to configure the routing table world

8. ADVANCED ENGLISHCOMUNICATION SKILLS LAB

Outcomes:

- Accomplishment of sound vocabulary and its proper use contextually.
- Fair in Writing and felidty in written expression.
- Enhanced job prospects.
- Effective Speaking Abilities