2-1 (R16)

1) Mathematics – IV

Course Outcomes:

After gaining knowledge of the contents of this paper the scholar must be able to:

• examine the complex functions close to their analyticity, integration the use of Cauchy's fundamental theorem

• discover the Taylor's and Laurent's series growth of complicated functions

• The bilinear transformation

• Specific any periodic function in time period of sines and cosines

• Explicit a non-periodic characteristic as fundamental representation

• Analyze one dimensional wave and warmth equation

2) C Data Structures through C++

Course Outcomes:

• Potential to pick suitable data structures to represent facts items in real international problems.

• Capability to analyze the time and space complexities of algorithms.

• capacity to layout applications the usage of a variety of information systems such as stacks, queues, hash tables, binary timber, seek timber, thousands, graphs, and b-bushes.

• Able to research and put in force diverse styles of searching and sorting techniques.

3) Mathematical Foundations of Computer Science

Course Outcomes:

• Ability to apply mathematical logic to solve troubles.

• apprehend sets, family members, features, and discrete structures.

• Capable of use logical notation to define and cause about essential mathematical concepts along with sets, family members, and functions.

• Capable of formulate problems and resolve recurrence family members.

• Able to version and solve actual-international problems the usage of graphs and trees.

4) Digital Logic Design

Course Outcomes:

• Able to apprehend number systems and codes.

• Able to solve Boolean expressions using minimization strategies.

• Capable of design the sequential and combinational circuits.

• Able to apply nation reduction strategies to resolve sequential circuits

5) Object Oriented Programming through Java

Course Outcomes:

• Capable of remedy actual global problems using oop techniques.

• Able to understand using abstract instructions.

• Capable of solve issues using java series framework and i/o training.

• Able to broaden multithreaded programs with synchronization.

• Capable of develop applets for internet applications.

• Able to design gui based totally packages

6) Data Structures through C++ Lab

Course Outcomes:

• Able to identify the appropriate data structures and algorithms for solving real world problems.

- Able to implement various kinds of searching and sorting techniques.

- Able to implement data structures such as stacks, queues, Search trees, and hash tables to solve various computing problems.

7) IT Workshop

Course Outcomes:

- Apply expertise for pc assembling and software set up.

- Potential a way to clear up the problem shooting troubles.

- observe the equipment for practise of ppt, documentation and budget sheet and many others

8) Object Oriented Programming through Java Lab

Course Outcomes:

- Capable of write programs for solving actual international issues the use of java series frame paintings.

- Capable of write packages using summary classes.

- Capable of write multithreaded packages.

- Able to write gui applications using swing controls in java

9) Environmental Science and Technology

Course Outcomes:

- Based on this course, the Engineering graduate will understand /evaluate / develop technologies on the basis of ecological principles and environmental regulations which in turn helps in sustainable development.

- Able to understand and find the importance of ecological balance for sustainable development.
- Gain the knowledge of developmental activities and mitigation measures
- Get understanding the environmental policies and rules regulations