JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Year & Semester - B.Tech I year (I Semester)

Subject – Computer Programming Lab

Subject Code – 1FY3-24

Department - Computer Science (First Year)

VISION OF INSTITUTE

To become a renowned centre of outcome based learning, and work towards   academic, professional, cultural and social enrichment of the lives of individuals and communities

MISSION OF INSTITUTE

❖ **Focus on evaluation of learning outcomes and motivate students to inculcate research aptitude by project based learning.**

❖ **Identify, based on informed perception of Indian, regional and global needs, the areas of focus and provide platform to gain knowledge and solutions.**

❖ **Offer opportunities for interaction between academia and industry.**

❖ **Develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a range of profession.**

RAJASTHAN TECHNICAL UNIVERSITY, KOTA

I & II Semester
Common to all branches of UG Engineering & Technology

1FY3-24/ 2FY3-24: Computer Programming Lab

Credit: 1.5

Max. Marks: 75 (IA:45, ETE:30)

0L+0T+3P

1.	To learn about the C Library, Preprocessor directive, Input-output statement.
2.	Programs to learn data type, variables, If-else statement
3.	Programs to understand nested if-else statement and switch statement
4.	Programs to learn iterative statements like while and do-while loops
5.	Programs to understand for loops for iterative statements
6.	Programs to learn about array and string operations
7.	Programs to understand sorting and searching using array
8.	Programs to learn functions and recursive functions
9.	Programs to understand Structure and Union operation
10.	Programs to learn Pointer operations
11.	Programs to understand File handling operations
12.	Programs to input data through Command line argument