

Indian Institute of Technology Roorkee

Department of Computer Science and Engineering

CSN-362: Compiler Laboratory (Spring 2024-2025)

Lab Assignment-1 (L1)

Date: 21 Jan 2025

Duration: 3 hrs

Problem Statement 1:

Write a C/C++ program to implement Knuth-Morris-Pratt (KMP) algorithm for Pattern Searching. Given two strings INPUT and PATTERN, the task is to return all indices of occurrences of PATTERN within INPUT.

Problem Statement 2:

Write a program to convert an Expression form Infix to Prefix and Prefix to Infix.