

**School of Computer Science**  
**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**  
**DEHRADUN, UTTARAKHAND**



# **Design and Analysis of** **Algorithms**

**Lab File**  
**(2023-2024)**  
**for**  
**3<sup>rd</sup> Semester**

**Submitted To:**

Dr. Rohit Tanwar  
Assistant Professor-SS  
School of Computer Science

**Submitted By:**

Akshat Negi  
B. Tech CS  
[3rd Semester]  
500106533  
Batch 2