

School of Engineering and Technology

Ref. No.: CSOET/CSE/INT/2025/187

Dated: 28th October 2025

NOTICE (Test Announcement Batch: 2023)

Course Code: 25CS020		Course Title: Algorithm Design & Implementation	
Examination: Formative Assessment-II		Max. Marks: 40	Duration: 60 Mins.
Date of Examination: November 4, 2025 to November 7, 2025	Exam Time: Class Time Table (Under label: Assmt)	Mode of Examination:	Offline
Programme & Semester: B.E. (CSE)-I			

Syllabus for Test:

Session No.	Topics
11-12	Binary Search Trees Traversals, In-order Traversal, Pre-order Traversal, Post-order Traversal and Practice Problems Level-order Traversal and Practice Problems
13-14	Heap and Priority Queues: Heap Sort
15-16	Heap and Priority Queues: Implement Priority Queue using Linked List, Priority Queue Class in Java.
17-18	Introduction to Divide and Conquer Strategy- Merge and Quick Sort
19-20	Analysis of Merge and Quick Sort Complexity and Practice Problems

Pattern of Question Paper:

Mark(s)	1 Mark MCQ	5 Mark Coding
No. of questions	30	02
Options	-	-

Name of Course Coordinator: Dr. Nagesh Kumar


Signature of Course Coordinator