

# **Assignment-1**

Course: Computer Graphics Lab  
Semester: B.C.S.E. Third Year

## **Objective:**

Implement a line drawing algorithm to draw lines between two end points in the raster grid using, a) **DDA** b) **Bresenham's line** drawing algorithm. Show execution times for each algorithm in ms. Check for all possible line endpoints in 4 quadrants.

## **Submission Guidelines:**

- Submit your entire Qt project folder.
- Include an assignment report.

## **Submission Deadline:**

- Submission Deadline for Group(**A1**): **26/08/2025**
- Submission Deadline for Group(**A2**): **21/08/2025**
- Submission Deadline for Group(**A3**): **29/08/2025**