



**ADDIS ABABA UNIVERSITY**  
**ADDIS ABABA INSTITUTE OF TECHNOLOGY**  
**SCHOOL OF INFORMATION TECHNOLOGY AND ENGINEERING – SITE**

**Department of Artificial Intelligence**

**Course: Distributed Computing for AI ITSC-2112**

**Assignment A3**

**Implementation of Aliev-Panfilov Cardiac Electrophysiology Simulation  
using MPI and OpenMP**

Submitted By: Mintesnot Fikir ID GSR/1669/15

Section: Regular

Submitted to: Dr. Beakal Gizachew

Submission date: January, 2024