# **Computer Organization and Assembly Language Lab**

# **Project**

By Dr. Madiha Tahir

FEE

Deadline: 9th January 2022

Mapped on CLO-3 and PLO-3

Build a calculator in assembly language. Project work carries demo of work and documentation in the form of a project report to be submitted in printed form.

The project report structure is:

1. **Title**
2. **Objective:**(The objective describes the goal of the project work.)
3. **Theory:**(The theory is formal design comprising descriptions, essential mathematics, formulas, derivations, etc.)
4. **Implementation:**(The implementation is description of functional modules of code, hierarchical relationship, coding with built-in documentation, list of system requirements, like compilers, operating system, etc.)
5. **Debugging-Test-run:**(The Test-run and result part of the report contains detailed method of testing, assuring that the code is fool-proof and fully debugged.)