

## **Project Overview: Arduino-Based Calculator Using Keypad and LCD**

This project implements a **basic calculator** using an **Arduino**, a **4x4 keypad**, and an **LCD display**. The user inputs numbers and mathematical operations via the keypad, and the results are displayed on the LCD.

### **Key Features:**

- ✓ **User Input via Keypad** – Allows entering numbers and selecting operations (+, -, \*, /).
- ✓ **Real-Time Display** – The LCD screen shows entered values and the final result.
- ✓ **Basic Arithmetic Operations** – Supports addition, subtraction, multiplication, and division.
- ✓ **Clear Function (C)** – Resets the calculator.

This project is a great way to **learn keypad interfacing, LCD usage, and Arduino programming for real-world applications.**