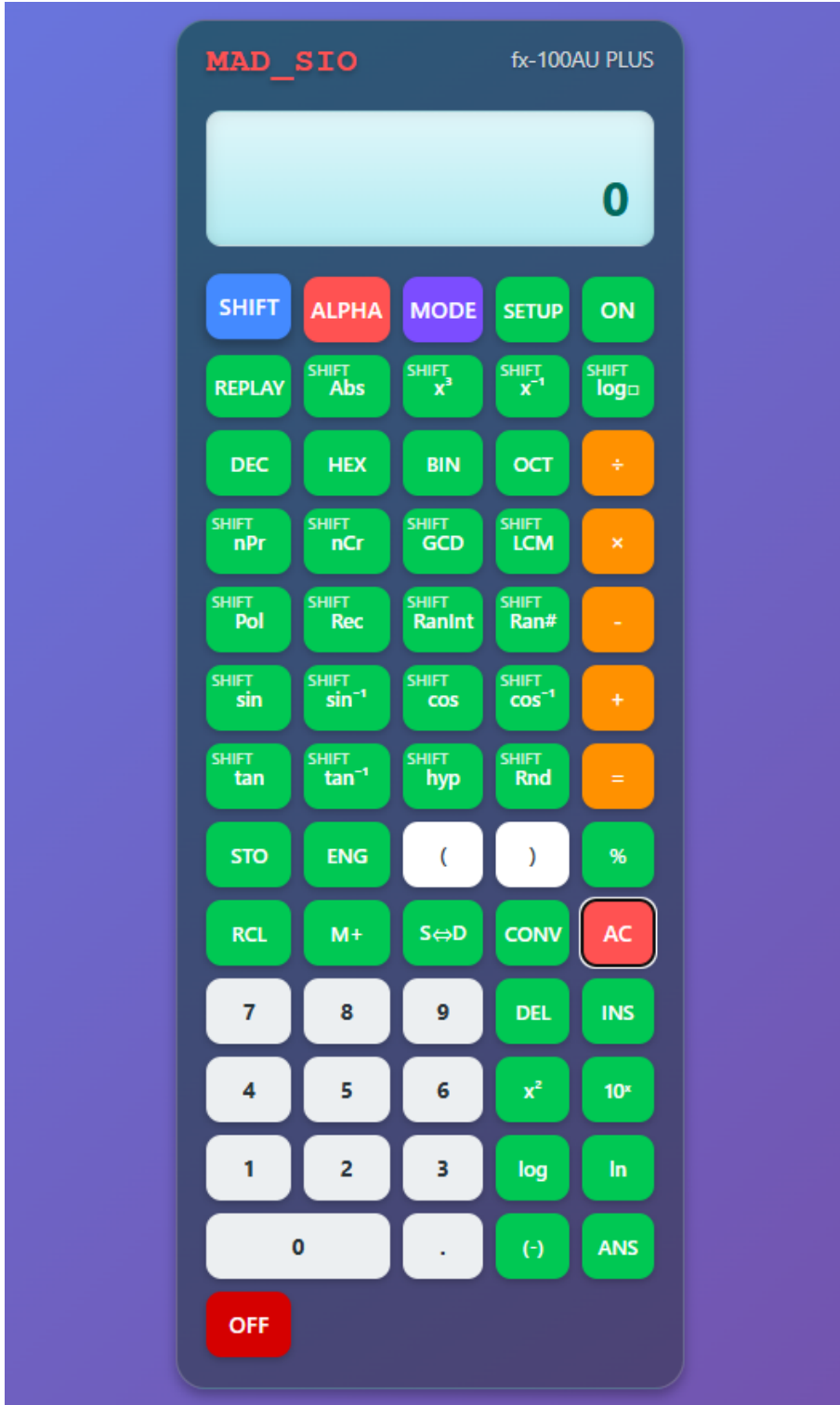# Scientific Calculator UI Overview

Introduction

This document provides an overview of a custom-designed scientific calculator interface inspired by the fx-100AU PLUS model. It includes basic and scientific functions, arranged in a visually intuitive layout with distinct color-coded sections.

Calculator Design Preview

Scientific Calculator UI Overview

Key Features

1. Power & Reset Buttons: ON and OFF functionality.

2. Standard Scientific Keys: sin, cos, tan, log, ln, powers, roots.

Scientific Calculator UI Overview

3. Mode Switches: SHIFT, ALPHA, MODE, SETUP.

4. Base Conversions: BIN, DEC, HEX, OCT.

5. Constants and Memory: STO, RCL, M+, Ans, etc.

6. Conversion & Statistical Tools: S to D, CONV, RanInt, GCD, LCM.

7. User-Friendly Layout: Color-coded for ease of identification and usability.