**STEM TRAINING 2023**

**MODULES TO BE TAUGHT**

**. Introduction to C programming for beginners**

**.** What is C

. Writing C programs

. How to compile a C program

**. Circuit simulation using wokwi and tinkercad**

**.** Introduction to wokwi and tinkercad

. Arduino programming framework

. How to assemble circuits in simulation

**. Breadboarding and circuit prototype techniques**

**.** How to use a breadboard

. End to end testing using multimeters

**. Interfacing arduino boards with electronic modules**

. Pin types and pin modes

. High and low pin states

. Controlling electronic modules using arduino

**Project**

Robot Car