



# SCHOOL OF ELECTRONICS

Registered with the Mauritius Qualifications Authority

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## Certificate of Achievement

*Academic year :* 2020

*This is to certify that*

*BEEHARRY Farhaan Mohammad Sa'ad*

*has successfully completed the*

### INTRODUCTION TO MECHATRONICS USING THE ARDUINO BOARD

Course contents:

- (a) Define Mechatronics & Understand the Basic element of a Mechatronics System.
- (b) Learn about Basic Electronics Sensor & Actuators used in Mechatronics.
- (c) Awareness about Microcontrollers/Microprocessors and their applications in Mechatronics.
- (d) Familiarity with the Arduino Microcontroller platform and its use in Mechatronics designs.
- (e) Design/Build/Program a Mechatronic system using the Arduino Microcontroller board.

MR A.C. MAHARAULLEE  
BSc (Hons) LONDON  
Course Director



MRS R. MAHARAULLEE  
Principal