

3 MONTH STANDARD



About Course:

Here is our 3 month standard robotic course. Students will get hands-on with robotic project building and App development.

Robotics + App development

Learning outcomes



1 | Hello kitty

Programming fundamentals,
Events handling, Button and sound

2 | Talk to me

Text Box and Button
Properties

3 | Table lamp - Design

ARGB LED
Component

4 | Table lamp - Coding

if then else
condition

5 | Smart Goggles-Design

Ultrasonic and
Buzzer components

6 | Smart Goggles - Coding

UI element Label &
Comparison operator

7 | Rc car Designing and
Testing

DC motor

8 | Coding Rc Car App

Touch down and Touch
up events



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Learning outcomes

9	Play music	Player component & its methods
10	My calculator	Math operations
11	Merry Go Round - Design	Dc motor properties & Methods
12	Merry go round-Coding	Dc motor properties & Methods
13	Smart streetlight - Design	APDS Component and its Ambience Methods
14	Smart streetlight - Coding	APDS Component and its Ambience Methods
15	Smart Locker- Design	servo motor Component
16	Smart Locker-Coding	variable and Password Textbox



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Learning outcomes



Proximity sensor, Image component

Image Sprite, Timer & Variables

Button Event handler and concept of speed variance

Button Event handler and concept of speed variance

APDS (proximity methods) and if then else condition

APDS (proximity methods) and if then else condition

Ultrasonic sensor on change event and its properties

Ultrasonic sensor on change event and its properties

