**Hooker Botz V1.1** (A workshop on Grid Follower)

**About:-**

A workshop on **"GRID FOLLOWER"** presented by i3indya Technologies.

This workshop is ideal for beginners, intermediate and enthusiast to provide a technical platform to the young eager minds so as to smoothen their technical journey in the field of Robotics. This will be dealing with sense algorithm in a Robot which would be controlled through the Microcontrollers and different integrated chips through their programming. This would be dealing with smoke sensor as well as sound sensor interfacings

**Event Details:-**

You need to have basic knowledge of Electronics and basic C programming, prior to attending this workshop.

The following topics would be covered during the workshop :-

»  Introduction to Robotics.  
»  Introduction to Embedded systems.  
»  Basic Practical Exposure with Interfacing Peripherals  
»  Integrated Chips& Actuators  
»  Display device interfacings  
»  Sensors & their interfacings  
»  IR Sensor Interfacing  
»  Introduction to PWM  
»  Controlling Speed of DC Motor

**Benefits:-**

»   You will be able to implement logical operations in Hardware.  
»   Learn areas of robotics directly from industry experts.  
»   Understanding the skill set required in a new employee in embedded industry.  
»   Understanding the robotics future and scope Understanding the different microcontroller available in the  
     industry & their use.  
»   In-depth knowledge on design, construction and programming concepts involved in building an autonomous  
     robot Learn & Interact with renowned Industry Experts

**Register:-**

This is a 2 day workshop.

**Date:** 20 - 21 March.

Any Individual or a team of 4 can register for this workshop.

Cost: Rs. 1050 per participant and Rs. 4200 per Team

**Contact**:-

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