

JOIN US

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EXPERT

BASIC ROBOTICS



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You Tube



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Venue : 2nd Floor Sunderam complex Bhawarkua, Indore (M.P.)



www.robozzlab.com

Course Content

Session : 1 Introduction

- + Course introduction
- + What is robotics & electronics?
- + Why it is important?
- + What is electric current & voltage?
- + Introduction to electronic components

Session : 2 Circuit Making and Testing

- + What is breadboard how it works?
- + Making power supply circuit on breadboard
- + Making 555 IC circuit on breadboard
- + Making motor driver circuit on breadboard
- + Testing and troubleshooting

Session : 3 Obstacle Detecting Robot

- + What is obstacle detecting robot
- + How does it works
- + How ir sensor works
- + Advantages and application
- + Assembling of obstacle detecting robot

Session : 4 Line Following Robot

- + Concept of line following robot
- + Components required
- + How food serving robot works at a café
- + Application of line following robot
- + Assembling of line following robot

Session : 5 Light Activated Robot

- + What is a LDR?
- + How does it works?
- + What is a voltage divider circuit
- + Application of LDR
- + Assembling of light activated robot

Session : 6 DPDT Controlled Robot

- + What is DPDT Switch ?
- + Mechanism of DPDT Switch

Note : 2 Days extra doubt clearing Session
Advance Project Demonstration