



SHRI RAM MURTI SMARAK WOMEN'S COLLEGE OF ENGINEERING & TECHNOLOGY BAREILLY

Organises

Three Days Workshop on Robotics

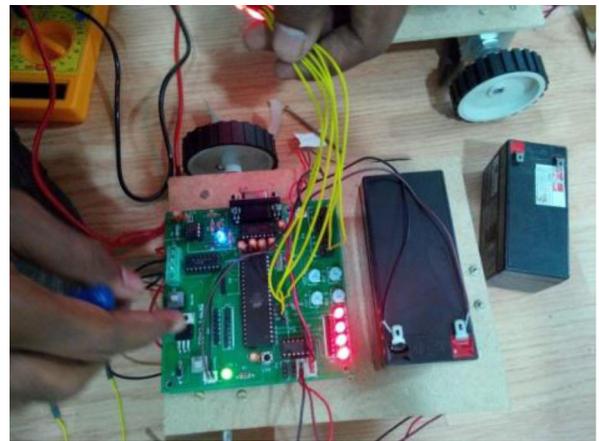
8th, 9th and 10th October, 2015

Conducted by

Roboversity (a Division of Skyfi Labs)

Learn and Design

1. Line Follower Robot
2. Obstacle AVOIDER Robot
3. Obstacle Follower Robot
4. Phototropic Robot
5. Photophobic Robot
6. Mobile Robotics
7. Maze Solver Robot
8. Swarm Robotics
9. Gesture Based Robot



Course Structure

1. Introductory lecture
2. Interactive design session
3. Fabrication session
4. Live testing and competition of Robots
5. Awards & Certificate distribution



Course Benefits

1. Develop unique working engineering projects which will be useful as academic projects
2. Evolve practical engineering skills which helps improve your employability
3. Courses designed under the guidance of IITians
4. Well-structured program that spans from basics to advanced robotics
5. Get certified for the training which adds value to your career profile

Topics Covered

1. Basics of Robotics
2. Understanding the application of various sensors and integration with Microcontrollers
3. Embedded Systems and embedded C programming
4. Sensor Guided Autonomous Robotics - using various sensors
5. Exposure to Mobile Communication
6. Mobile operated Robotics - using DTMF module
7. Understanding of Accelerometer sensors
8. Gesture Based Robotics - using Accelerometer
9. Introduction to Swarm Intelligence and its implementation in Robotics
10. Swarm Robotics - using RF module
11. Understanding the structure and programming of Microcontrollers

Organising Club

Technominds Club

(A Sub Club of VERVE)

Contact for Details

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Ms Riya Singh : Ph 9458706423 (President)- Verve club	Ms Megha Sinha (Chairperson) – Technominds Club
Ms Pranjali Singh : Ph 9458706438 (EOS)- Verve Club	Ms Anjali Pahwa : 9458706409 (Secretary) – Technominds Club

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