

UTKRAANTHI

NATIONAL LEVEL CHAMPIONSHIP

A 2 days' Workshop on MAZE SOLVING ROBOT, RACING CAR DESIGN & ANSYS will be conducted by Wingfotech in association with IIT-BOMBAY at MATRUSRI ENGINEERING COLLEGE. Workshop will be followed by competition on 3rd day and winners will be promoted to Final round which will be held at IIT-BOMBAY.

Workshop will be conducted at MATRUSRI ENGINEERING COLLEGE organizing by MECHANICAL ENGINEERING DEPARTMENT on September-10, 11&12.

MATRUSRI ENGINEERING COLLEGE [MECS]

WORKSHOP DETAILS

- ↳ Concepts of Robotics Technology
- ↳ Embedded C Programming
- ↳ Microcontroller Architecture
- ↳ Interfacing of Sensors & Motors
- ↳ Line Follower Robots Testing
- ↳ Obstacle Avoidance Robot Testing
- ↳ Maze solving Algorithms

DEPARTMENT OF MECHANICAL ENGINEERING

Grand Finale @ IIT Bombay Campus

Two Days Workshop On

Maze Solving Robot



www.facebook.com/utkraanti.nlc

FEES 900/- per student

CONTACT

(Faculty Coordinator)



Mr. V. Harinath



+91- 9652354942

(Student Coordinator)



B. Shiva Kumar



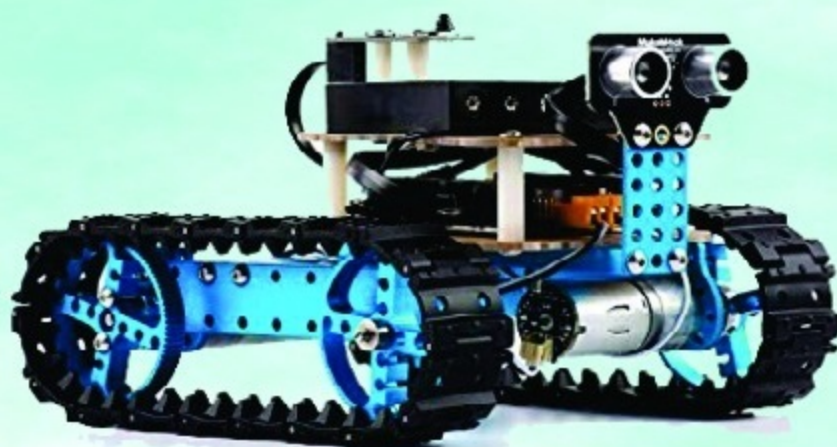
+91- 7997704463



S. Sai Krishna



+91- 7659836709



Date
10,11&12
Sep-2018

Venue:
Matrusri Engineering College
16-1-486, Opp Madannapet Market, Saidabad,
Hyderabad, Telangana 500059

WORKSHOP DETAILS

- ↳ Hand on Session during Workshop
- ↳ Certificate to each participant from Aakaar, IIT Bombay
- ↳ Grand Finale @ IIT Bombay Campus
- ↳ Goodies to the winner of Grand Finale
- ↳ Cash Prize up to INR 1 Lac in Grand Finale

MATRUSRI ENGINEERING COLLEGE [MECS]

WORKSHOP DETAILS

- ANSYS ICEM CFD Overview
- ICEM CFD File Management
- Work Flow and Meshing Process
- Local & Global Mesh Settings
- Basic fluid flow and CFD
- Vehicle Dynamics
- Suspension Design Parameters
- Transmission System
- Steering Wheel & Assembly Design
- Power & Torque
- Aerodynamics & Application

DEPARTMENT OF MECHANICAL ENGINEERING

Grand Finale @ IIT Bombay Campus

Two Days Workshop On

Racing Car Design & AnSys

PREREQUISITE

Minimum One PC / Laptop
among 5 Members



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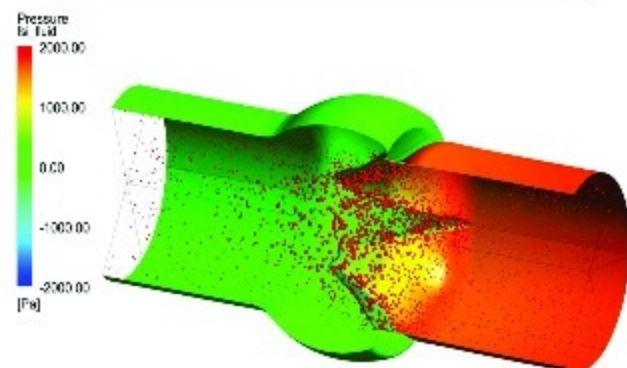
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BENEFITS

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