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## Summer School on Robotics Registration Form

1 message

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To: vijaynath@bitmesra.ac.in

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If you have trouble viewing or submitting this form, you can fill it out online:

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# BIT Summer School on Robotics

ClassBots in association with IEI, ET Division, BIT Mesra is organizing a 5 Day Summer School on Robotics. Starting from the basics, you will learn to make a Mobile Controlled Obstacle Avoider Bot and Remote controlled home lighting. Arduino is an open-source electronics prototyping platform based on flexible, easy-to-use hardware and software. It's intended for artists, designers, hobbyists, and anyone interested in creating interactive objects or environments. The workshop will start from the basics and no previous knowledge of Robotics is necessary. After the workshop, each student will be able to: 1. Work on Arduino platform and its software. 2. Program the board using Arduino C. 3. Work with LEDs and Buzzers. 4. Work with Digital Sensors (Proximity sensor). 5. Work with Analog sensors (LDR for light sensing). 6. Work with DC motors, control its direction and speed both using Arduino C program. 7. Communicate Serially with PC. 8. Make a Mobile controlled Obstacle Avoider Bot that can navigate itself. 9. Control the lights and fans of ur home using a remote controller. 8. Make many Autonomous Robots and Smart systems using the technologies learnt. 9. Apply the learned concepts for industrial and domestic product development. Fees: - Individual Fee : Rs.4000/- The Fee includes Food for 5 Days in BIT Mess, Printed Study material and Software on CD. Note: 1- Certificates will be provided to participants. 2- Last date of registration is 10-06-2012. Limited seats are available. 3- Please bring along a Laptop if you have. Otherwise a lab computer will be allocated for the workshop. Date : 10th to 14th June 2012 Venue : Circuit Simulation Lab, R & D Building, BIT Mesra Contact : Himanshu Bablani, [himanshu@classbots.com](mailto:himanshu@classbots.com), 9955166026 (CEO, ClassBots) Dr. Vijay Nath, 9973886214 (Advisor, IEI Club, ET Division)

## Registration Form

Name \*

Phone No. \*

Email ID

Institute \*

Address

Area of Interest

Your Expectations/Queries regarding the workshop :