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### Top Stories

Department of Instrumentation and Control Engineering

20/8/2019

## MVPS Armstrong Robotics Lab

The Basic Robotics Training Batch 2 is already started. These students who are from Instrumentation and Control, Mechanical, Electronics and Telecommunication have started to work on robot Yaskawa. This batch is of about 20 students. So every student is getting hands on Teach Pendant. Till today students have jogged robot, configured TCP (Tool Centre Point) calibration and user coordinate configuration. It is a thrilling experience that gives everyone sense of responsibility to handle a robot.

On the other side students are downloading excellent quality papers from Sciencedirect dot com. They are able to find exact International Journal papers from IEEExplore dot com. They are downloading papers from IEEE Transactions on Robotics, IEEE Robotics and Automation journals. They are well able to explore the papers by Authors or Affiliation or Journal Title. They also know about plagiarism. They are required to create their paper or document by referring at least 10 standard journal papers and with proper citation.

Key words: DOF, joint speed, Safety Levels, IP Codes, and applications: Welding, painting, laser cutting, spider robots, food inspection applications, cobots, return on investments, direct and indirect force control, control perspective in robots, sensor, and servos.

They are being guided by Pranita Rajhans (Armstrong Training Official).

Head, Instrumentation and Control