

## Project Challenge # 1 : Table Top Robot

Objective: Build a wheeled robot such that it moves on a table without falling off. Your robot should keep moving on the table but not fall off.

Date of Challenge: 25th September, 3:00 p.m. onwards.

After the challenge, you will have to return the entire kit back to your instructor.

Below are some resources you can use for getting started.

Youtube Links:

1. Basic Arduino- [http://www.youtube.com/watch?v=fCxzA9\\_kg6s](http://www.youtube.com/watch?v=fCxzA9_kg6s)
2. PWM- <http://www.youtube.com/watch?v=LCCGFSMOr4>
3. Analog Inputs- <http://www.youtube.com/watch?v=js4TK0U848I>