

TECHNO  
GRAVITY  
SOLUTIONS

# CHINTOO



## Chintoo : Workshop Details

### Description



Chintoo is another EXCLUSIVE design from the labs of Techno Gravity Solutions. A remarkable 5 in 1 electronic robot gadget.

1. A remote controlled car.
2. A parallel wire zipper.
3. A mini insect: tentacles.
4. A rickshaw drive.
5. Wireless robot control.

It is a multi-utility, feature-rich, customizable device which is educational and operational. It is a miniature version of ones to look forward ahead.

We learn to make prototypes on breadboard & then realize on actual hardware. This is one of the most comprehensive workshop/course for anyone who wants to learn multi-utility in robotics.

Chintoo may be small in size, but massive in knowledge & learning 😊

### Course contents



1. World of Robots
2. Basic Control Systems
3. Locomotion & Mobility
4. Actuation & actuators
5. Transmission systems
6. Driving mechanisms
7. Remote Control Design
8. Robot Dynamics
9. Anatomy of “Autonomous”
10. Basic Electronic Concepts
11. Relays & Micro-switch
12. Semi-autonomous Logic
13. Robot Designing
14. E-Waste utility
15. Wireless interface

### Duration



18 hours in total for learning and assembling.

Theory : Practical = 25 : 75

6 days X 3 hrs. per day i.e. 6 sessions in all

## Kit contents



### Components

1. Pager Motors – 6000 rpm	4x
2. Small wheels	4x
3. Chassis	1x
4. LED's – Blue – 5 mm	2x
5. Si Cells - 6 vol.	2x
6. Wire – 6 core (meter)	4x
7. Screw Connector (12 pins)	1x
8. PCB Remote + Box	1x
9. Micro Switches (mini)	2x
10. Nut & Bolts	20
11. Batteries	2x
12. Battery Snaps	2x

### Add-ons

13. LED shop (pairs/sets)	4x
14. Wheel Shop (pairs/sets)	3x
15. Single Strand wire (meter)	1x

### Accessories

16. Wire Stripper	1x
17. 31 in 1 Screw driver set	1x
18. Manual + CD	1x
19. Hand drill	1x
20. Drill bit	1x

+ Packaged Carry case