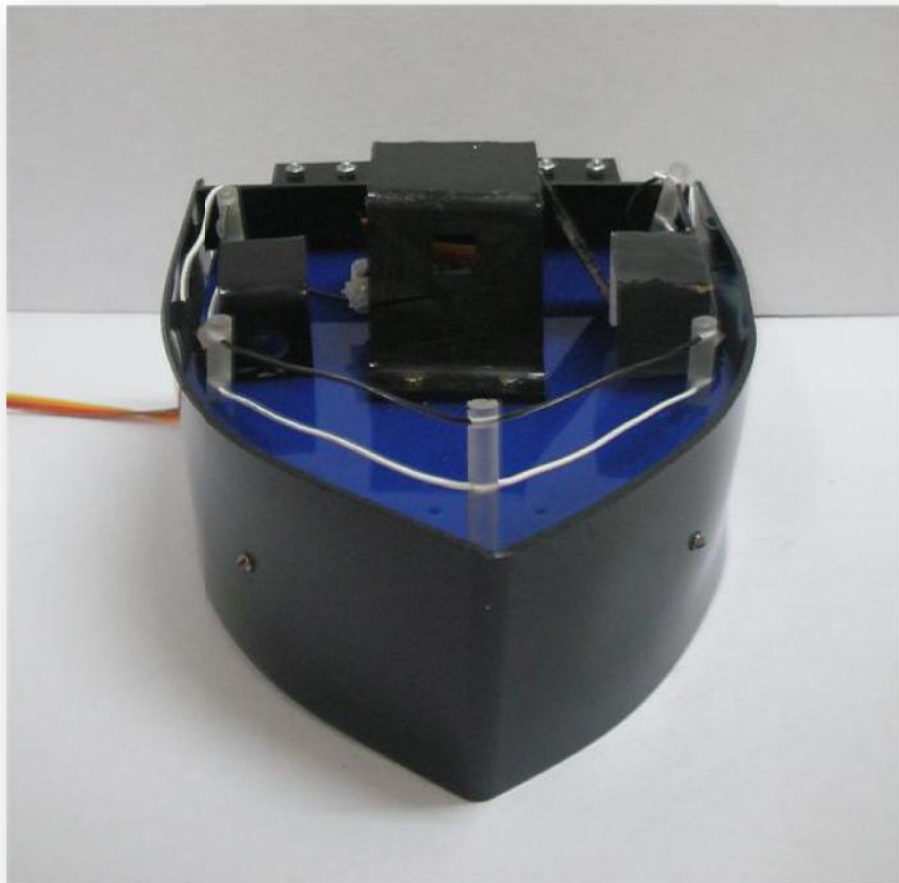


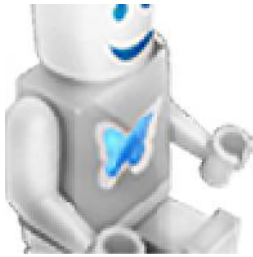
TECHNO
GRAVITY
SOLUTIONS

H2O



H2O

Description



H2O is an Aqua Robotics Course. It teaches how to make an Aqua-Bot i.e. a Boat & Hover-craft models; both being used for transportation on water.

Aqua-Bot Model: Bomo

Well it is just like a boat with an engine; although here we have motors with propellers (like we have in ships). It is one of the coolest products to have in your gadget bag; one that you can make yourself.

Hover-craft model: Hobo

A mini-hover-craft with inflating capacity using materials from our daily life; it is fun to make one.

We at Techno Gravity Solutions teach you various ways to design them. H2O is an exclusive workshop conducted by TGS.

Take them to a nearby swimming pool and hover it around . . . you surely will have interesting glimpses at them 😊

Course contents



1. World of Robotics
2. Basic Control Systems
3. Locomotion & Mobility
4. Actuation & dc motors
5. Moving Mechanisms
6. Propellers
7. Remote Control
8. Robot Dynamics
9. Robot Designing
10. E-Waste utility

Duration



12 hours in total for learning and assembling.

Theory : Practical = 20 : 80

6 days X 2 hrs. per day i.e. 6 sessions in all

Kit contents



Sr. no.	Kit contents	Per kit
	Components	
1	DC Gearless – 6000 rpm	2
2	Propellers	2
3	Chassis (Complete)	1
4	LED Headlights / LED + Cell	1
5	PCB Remote (Spot Turn)	1
6	Wire – 6 core	5m
7	Screw Connector (12 pin strip)	1
8	LS Connector (4 pin)	1
9	Nut Bolts & spacers	20
10	Battery (9v) + Snap	1
	Accessories	
11	Wire Stripper	1
12	Screw driver (2 in 1/minus)	1
13	SMPS – 12 V	1
14	Insulation Tape	1
15	Cutter	1
	Packaging	
16	Carry case - High Density Thermo	1
17	Co-packs	n
18	Folding Bag	1
	Reference	
19	Manual	1
20	CD + Cover	1