

# TechCraze 2K16

## Pacific Rim

### “Float and Cruise”

Make a robot to float on the water and perform the task given.

**Date of the event: 22<sup>nd</sup> March, 2016**

#### Robot Specification

- Bots must weigh within 1kg.
- Bot dimension (l\*b\*h)=(30cm\*30cm\*30cm), with 5% tolerance can be allowed.
- Maximum 24V as a power supply can be allowed.
- Variation of the voltage during the match will not be allowed.

#### Rules and Regulation

- Arena dimension 16ftx9ft (approx.)
- Minimum 3 to maximum 5 members in a team will be considered.
- First round will be an elimination round.
- In final round the competition will be 1vs1.
- There should be enough tether so that arena and opponent will not get disrupted.
- Depth of water from the ground will be around 1feet
- Different colored ball will be floating in the water.
- There will be two baskets on the opposite side of the arena.
- Robots have to put balls in corners of the arena or in the basket.
- Baskets will be at around one foot higher than the water level.
- Putting balls in the Basket will be fetching higher scores than pushing it into corners.
- There may be few changes in the rules and arena in final round and it will be declared on spot.

**[NB: Rules and arena dimensions are tentative to change]**

#### Contact

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