

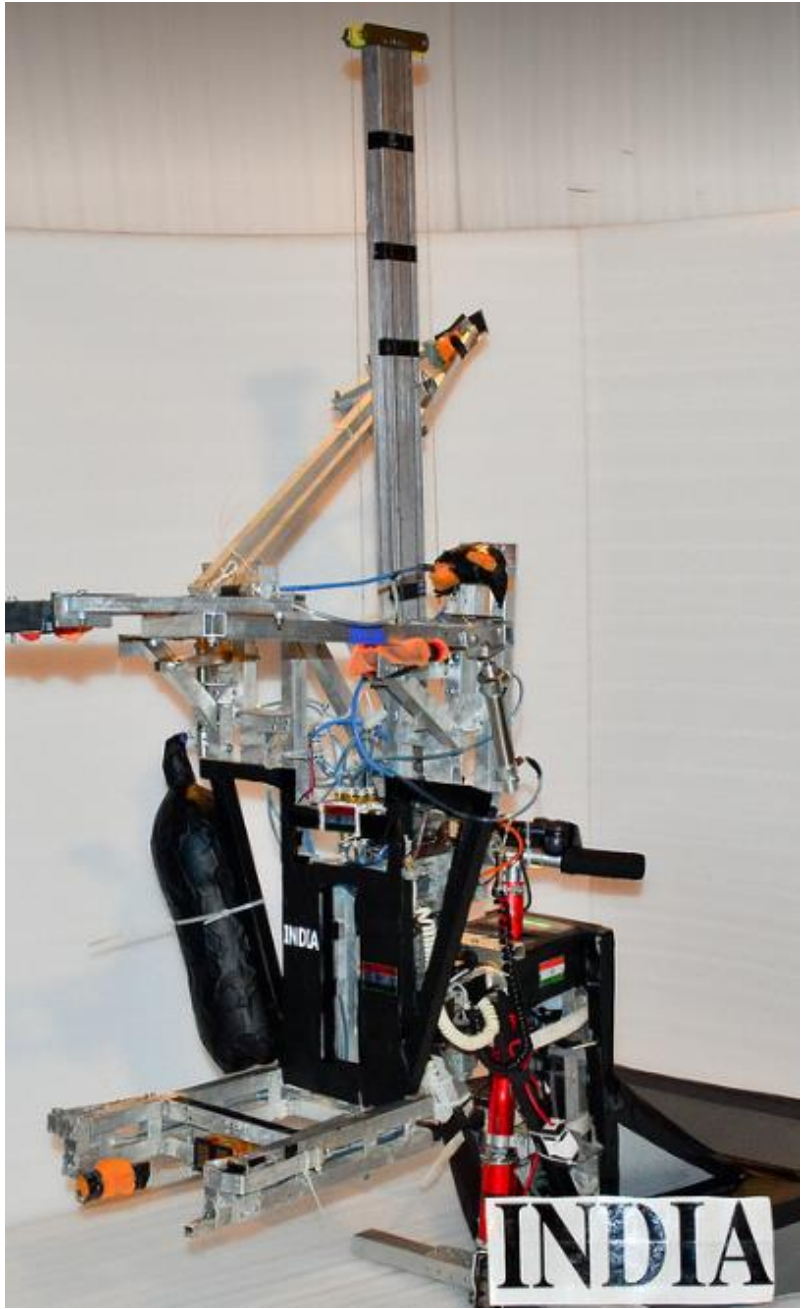
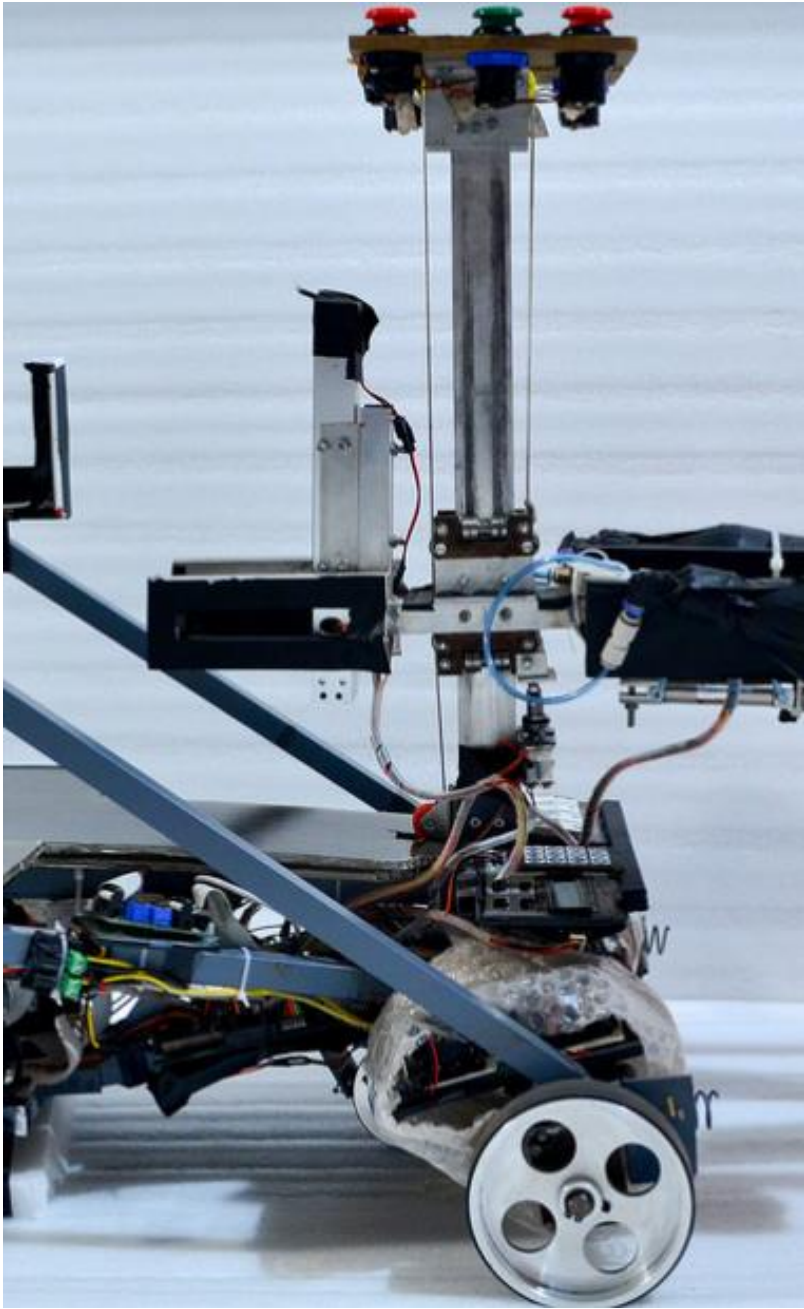
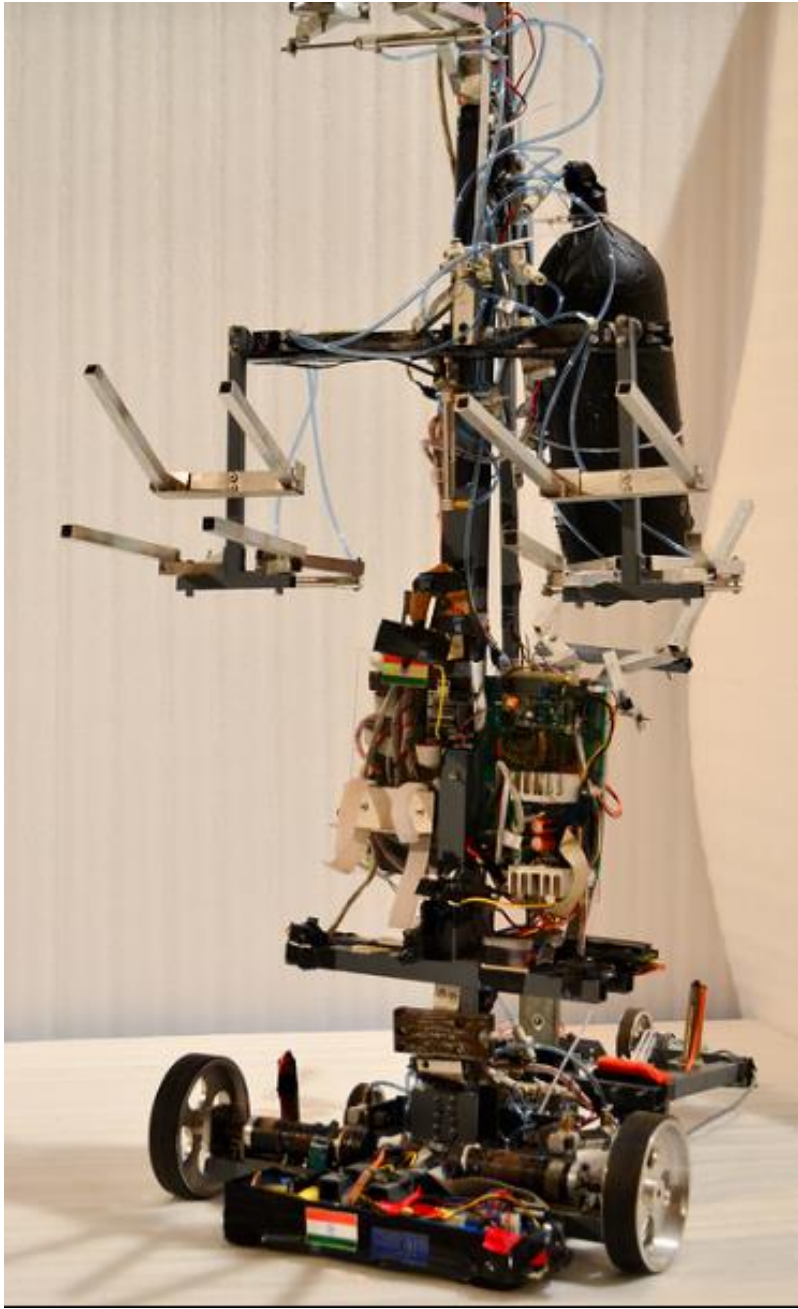
ROBOCON TECH TEAM

2011-2013

Robocon is organized by Asia-Pacific Broadcasting Union (ABU), a collection of over 20 countries of Asia Pacific Region.

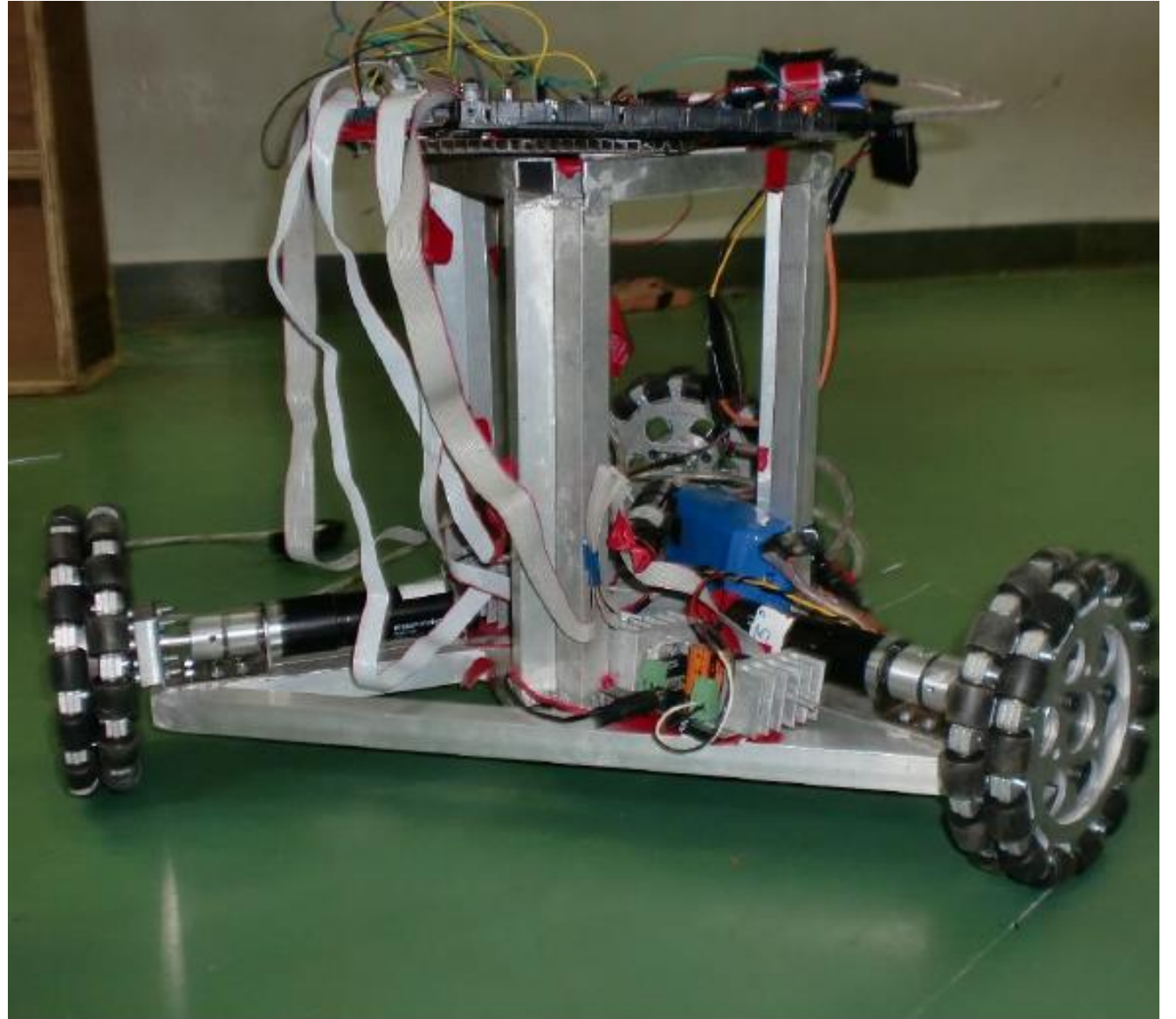
In this competition, multiple robots coordinate and complete a task within a set period of time.

Contestants must possess knowledge in programming, mechanical design and electronic circuit design.



Autonomous Robot 2013

- Holonomic drive with 3 DOF
- Pneumatic controlled four pick and place grippers for cylinders
- Cylinder dimensions:
 Φ 250mm, h 200mm,
weight 200g



Manual Robot 2012

- Aluminum box section design. Weight: 25kg (55lb)
- Carry a person and reach speeds up to 3m/s
- Gantry system: lifting capacity 15 kg (33lb)
- Pneumatic controlled pick and place grippers



