

STEP – UP

“The first step is the best step in a journey towards a destination.”

As the name suggests, the event requires manually controlled bot to climb up to higher levels or platforms using inclined planes. So get ready to see these bots in action & escalating to greater heights.

EVENT RULES :

- 1. The arena is divided into 3 platforms. Each bot needs to climb up the 3 levels via inclined planes.*
- 2. The event is divided into 2 Rounds : Prelims & Finals.*
- 3. Prelims will be a time based contest. Each team will be given 4 minutes to complete the entire event. Each level will have a checkpoint where the bot must reach before proceeding further to the next level.*
- 4. Obstacles will be present in both the rounds. There will be negative markings for touching the obstacles.*
- 5. The final rounds will require the bots to carry some blocks from the lower levels to the higher ones using any grabbing mechanism.*
- 6. The maximum angle of the inclined plane is 45 degrees.*

BOT SPECIFICATIONS :

- 1. The bot should be of dimension 30x30x30 cm.*
- 2. The maximum permissible weight of the bot is 3kgs.*
- 3. A maximum of 24 volts is allowed.*
- 4. The bot must be manually controlled.*
- 5. The bot must not contain any sharp edges or components that may damage the arena.*

GENERAL RULES :

- 1. The maximum no. of participants per team is 4.*
- 2 .Damage to arena may lead to disqualification of the bot.*
- 3. Machine cannot be constructed using readymade lego kits or any ready made mechanism.*
- 4. The decision of the coordinators shall be deemed final.*
- 5. Each team can take a technical time out of 2 minutes.*
- 6. Any team may be disqualified on disciplinary grounds.*