



ST. VINCENT PALLOTTI
COLLEGE OF ENGINEERING AND TECHNOLOGY
GAVSI MANAPUR, WARDHA ROAD, NAGPUR, 441108



TECHNEX
PRESENTS

CRANEBOT 5.0

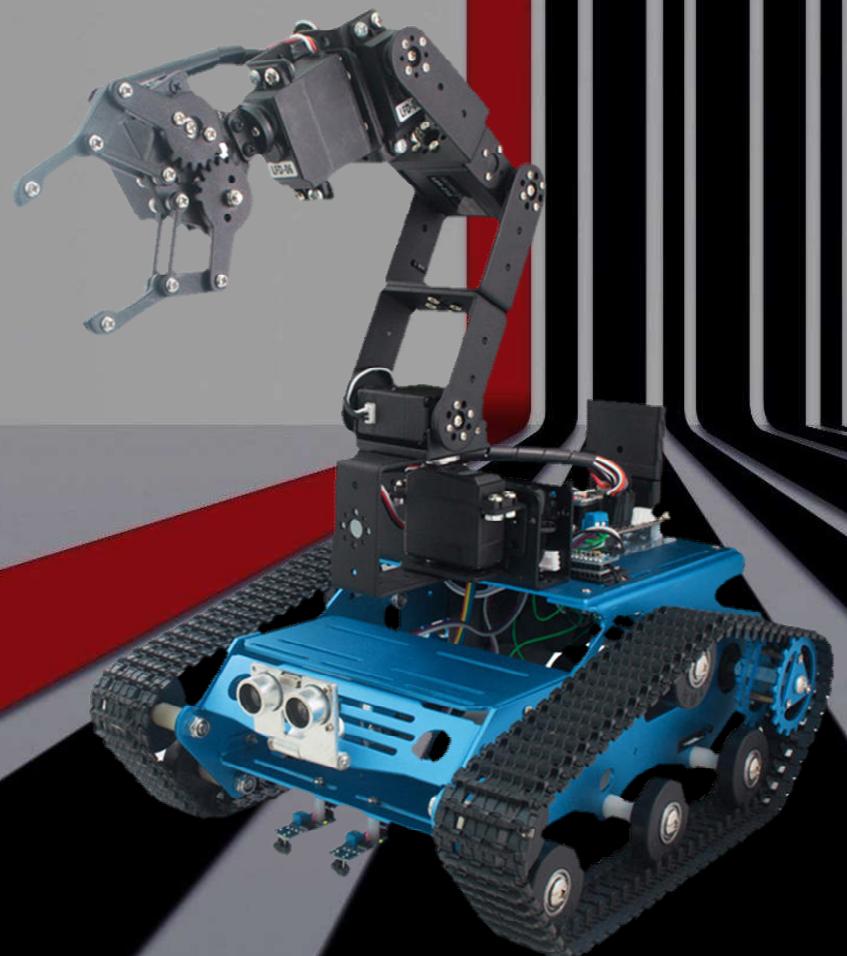


PICK AND PLACE TO WIN THE RACE

EVENT DESCRIPTION

Pick and place the obstacle to discover and accomplish the tasks. The faster you complete the more you score and the closer you get to the win.

“Drive your monster through the arena, and quench its thirst with the prizes”.



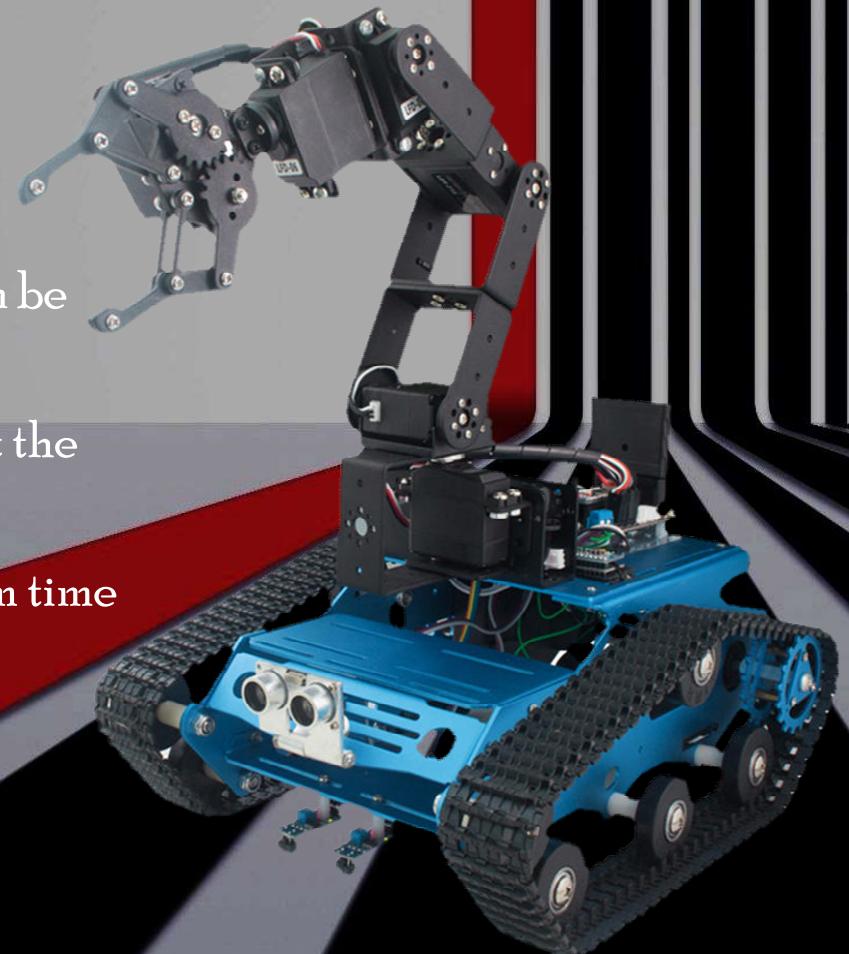
ROUND 1 - ELIMINATION ROUND

- The arena will consist of two identical pathways which will be used to run two bots simultaneously.
- In this round the bot has to pick and place the blocks in order to complete the task .
- There will be no live hurdles in this round.
- The judgement will be done on the basis of time not on individual competition basis.
- Top 10 teams completing the arena in minimum time will be qualified for final round.



ROUND 2-FINAL ROUND

- The arena will consist of 80% moving hurdles which can be completed by pick and place.
- There will be M.C.Qs ,giving correct answers will benefit the participants accordingly.
- The participant who will complete the arena in minimum time will be the winner.



RULES AND REGULATIONS

- A team can consist of maximum 4 members.
- Students from various institutes can combine to form a team.
- All the participants must have their latest identity card issued by their college.
- The arena must not be damaged and the bot must not dismantle during the rounds.
- The objects must be lifted not dragged during the rounds.
- Participants may change the battery **only once** during the event.
- Block size will be less than 15*15*15 cm.
- Bot must follow the given specifications.
- Time penalties will be taken for each hand touch , moving obstacle touches and bot dislocation from arena.
- The bot must not intentionally damage opponent bot. this may lead to severe action or disqualification
- Team and faculty have all rights to take appropriate decisions.
- Violation of any rule or misbehavior will lead to disqualification.
- Rules may subject to change.



BOT SPECIFICATION

- The use of ready made bots is strictly prohibited.
- Both wired as well as wireless bots are allowed.
- The bot must not exceed 300*300*300mm.
- Total weight of the bot must be less than 5Kgs.
- The total input voltage must be less than 24V.
- The arm must be self designed not ready made.
- Bot can use any mechanism to operate.



WORKSHOP DETAILS

- Workshop is available in college premises.
- Workshop will be of two days.
- Team will consist of maximum 4 members.

Each team will get:-

- 1 crane bot take away kit.
- Knowledge about both wired and wireless bots.

There is an special prize for participants of workshop i.e. the tech pallottine prize.



PRIZES :- Rs. 50,000/-

REGISTRATION DETAILS

- Entry fees for competition – Rs. 600/- (per teams)
(4 members in a team)
- Registration fees for workshop ~ Rs. 3200/-
- Both online and offline registration is available.

CONTACT DETAILS –

Shivendra Pratap Singh - 9370404513
Vaibhav Prakash Naware - 7378714581

