

ROBOVERSE

(ASSEMBLE YOUR BOTS!!!)

DATE OF EVENT: 18th Jan, 2020

VENUE: KC GROUND

TIME: 09:00am-05:00pm

SUB-EVENT: BLAZZING WHEELS (ROBO RACE), REAL STEEL (ROBO WAR), ROBO RUGGER (ROBO SOCCER), MAZEMICE (ROBO MAZE).

BLAZZING WHEELS

REQUIREMENTS: Full assembled BOT (DPDT controller, Chassis, 9V battery, 5-6m wire, maximum 4 wheels)/ Wireless Bots. (Motors - 300rpm)

ENTRY FEE: 250rs. (4 participants per team)

PRIZE MONEY: For 1st: 3000

2nd: 2000

3rd: 1000

HOW TO PARTICIPATE:

- For the participation visit event website, nearby counter or poster for the **QR Code** for submission of your entry fee and your details.
- Upload your **TEAM NAME** and name of members.
- Bring your own equipment as mentioned as per requirement.
- For any kind of queries please go through the contact given on the event **website**.

SPECIFICATION OF BOT:

- **Lego kits** are strictly not allowed in any form.
- The **L X B X H** should not exceed **30 X 30 X 30 (cm)**.
- The net weight should not exceed **3 kgs**.
- Wire should not be less than **1 meter**.

- However, a tolerance of **5%** is acceptable.
- Wired / Wireless robots are allowed.
- The allowed voltage to power the robot is **20 V/ Laptop Charger**.
- **Creativity** within the parameters is allowed.
- The machine can be powered electrically only. The use of **an IC engine** in any form is not allowed.
- And for more details check out the **tutorial videos** on the event website.

RULES OF BLAZING WHEELS (ROBO RACE):

- The team should not consist of more than **4 members**.
- This is a race against time event.
- Each participant will be allowed to run their bot on the **TRACK** individually and the time taken to run **ONE LAP** will be noted.
- Participant with shortest amount of time will be considered the winner.
- A **5 seconds penalty** will be added every time to the total sprint time when the **BOT gets stuck or deviates from the TRACK during the race**.
- Any kind of technical difficulty during the race due to which participant cannot complete their **LAP** will result in elimination.
- The Racing Track will be **1 FOOT** wide so construct/calibrate accordingly.
- Each participant will be allowed to race their BOT one time only.
- The robot should follow the robot specifications provided. Any deviation from the mentioned specifications will lead to disqualification.
- If the machine is wired then the wire should remain slack under all circumstances during competition. All Wires coming out of machine should be stacked as a single unit.
- **No test practice** will be allowed on the main arena.
- The structure of the robot should not be changed during the competition.
- Terminals for charging the battery will not be provided in the college.
- The arena may subject to change before the commencement of any round.
- The decision of the judges will be final and abiding. Argument with judges in any form will lead to the disqualification of the team.
- In case of a tie a single tie breaker round will be played.

REAL STEEL

REQUIREMENTS: Full assembled BOT (DPDT controller, Chassis, 9V battery, 5-6m wire, maximum 4 wheels, Maximum 5 motors(300 rpm) allowed)/ Wireless BOT.

ENTRY FEE: 250rs. (4 participants per team)

PRIZE MONEY: For 1st: 3000

2nd: 2000

3rd: 1000

HOW TO PARTICIPATE:

- For the participation visit event website, nearby counter or poster for the **QR Code** for submission of your entry fee and your details.
- Upload your **TEAM NAME** and name of members.
- Bring your own equipment as mentioned as per requirement.
- For any kind of quires please go through the contact given on the event **website**.

SPECIFICATION OF BOT:

- **Lego kits** are strictly not allowed in any form.
- The **L X B X H** should not exceed **30 X 30 X 30 (cm)**.
- The net weight should not exceed **4 kgs**.
- Wire should not be less than **3 meters**.
- However, a tolerance of **5%** is acceptable.
- Wired / Wireless robots are allowed.
- The maximum allowed voltage to power the robot is **20 V/ Laptop Charger**.
- **Creativity** within the parameters is allowed.
- The machine can be powered electrically only. The use of **an IC engine** in any form is not allowed.
- And for more details check out the **tutorial videos** on the event website.

RULES OF REAL STEEL (ROBO WAR):

- The team should not consist of more than **4 members**.
- This is an **ARENA FIGHT**.
- It will be a **1vs1 BOT faceoff**, the first one to be pushed out of the arena **LOSES** the round.
- Elimination will be based on the best of **3 rounds out of 5 rounds in the dual**.
- The **ARENA** will be **5 X 5 ft.** so construct/calibrate accordingly.
- The robot should follow the robot specifications provided. Any deviation from the mentioned specifications will lead to disqualification.
- If the machine is wired then the wire should remain slack under all circumstances during competition. All Wires coming out of machine should be stacked as a single unit.
- **No test practice** will be allowed on the main arena.
- The structure of the robot should not be changed during the competition.
- Terminals for charging the battery will not be provided in the college.
- The arena may subject to change before the commencement of any round.
- The decision of the judges will be final and abiding. Argument with judges in any form will lead to the disqualification of the team.

ROBO RUGGER

REQUIREMENTS: Full assembled BOT (DPDT controller, Chassis, 9V battery, 5-6m wire, maximum 4 wheels), Ball collector (Ex. Metal Sheets)

ENTRY FEE: 250rs. (4 participants per team)

PRIZE MONEY: For 1st: 3000

2nd: 2000

3rd: 1000

HOW TO PARTICIPATE:

- For the participation visit event website, nearby counter or poster for the **QR Code** for submission of your entry fee and your details.
- Upload your **TEAM NAME** and name of members.
- Bring your own equipment as mentioned as per requirement.
- For any kind of quires please go through the contact given on the event **website**.

SPECIFICATION OF BOT:

- **Lego kits** are strictly not allowed in any form.
- The **L X B X H** should not exceed **30 X 30 X 30 (cm)**.
- The net weight should not exceed **3 kgs**.
- A ball collector attached to your BOT is required for the game.
- Wire should not be less than 2 meter.
- Tolerance of 5% is acceptable.

- Wired / Wireless robots are allowed.
- The maximum allowed voltage to power the robot is **20 V/ Laptop Charger**.
- Creativity within the parameters is allowed.
- The machine can be powered electrically only. The use of an IC engine in any form is not allowed.
- And for more details check out the tutorial videos on the event website.

RULES OF ROBO RUGGER (ROBO SOCCER):

- The team should not consist of more than **4 members**.
- It will be a **1vs1 BOT faceoff**, in which each participant will have to collect balls of their assigned **colours**.
- In a span of **5 minutes** the participant has to collect more of his coloured ball to get the lead during the match.
- Every scored ball count as **10points**.
- If the participant scores wrong coloured ball it will lead to a penalty of - **20points**.
- **Elimination** will be based on the final scores including all penalties.
- No intervention of hands or any external source will be allowed.
- The robot should follow the robot specifications provided. Any deviation from the mentioned specifications will lead to disqualification.
- If the machine is wired than the wire should remain slack under all circumstances during competition. All Wires coming out of machine should be stacked as a single unit.
- **No test practice** will be allowed on the main arena.
- The structure of the robot should not be changed during the competition.
- **Terminals for charging the battery will not be provided in the college.**
- The arena may subject to change before the commencement of any round.
- The decision of the judges will be final and abiding. Argument with judges in any form will lead to the disqualification of the team.
- In case of a tie a single tie breaker round will be played.
- A detailed explanation about the rules of the event is provided at your nearby stall or you can go through the contacts given on the website.

MAZE MICE

REQUIREMENTS: Full assembled BOT (DPDT controller, Chassis, 9V battery, 1-3m wire, maximum 4 wheels, Maximum 5 motors allowed)/ Wireless BOT.

ENTRY FEE: 250rs. (4 participants per team)

PRIZE MONEY: For 1st: 3000

2nd: 2000

3rd: 1000

HOW TO PARTICIPATE:

- For the participation visit event website, nearby counter or poster for the **QR Code** for submission of your entry fee and your details.

- Upload your **TEAM NAME** and name of members.
- Bring your own equipment as mentioned as per requirement.
- For any kind of queries please go through the contact given on the event **website**.

SPECIFICATION OF BOT:

- **Lego kits** are strictly not allowed in any form.
- The **L X B X H** should not exceed **30 X 30 X 30 (cm)**.
- The net weight should not exceed **3 kgs**.
- Wire should not be less than **3 meters**.
- However, a tolerance of **5%** is acceptable.
- Wired / Wireless robots are allowed.
- The maximum allowed voltage to power the robot is **20 V/ Laptop Charger**.
- **Creativity** within the parameters is allowed.
- The machine can be powered electrically only. The use of **an IC engine** in any form is not allowed.
- And for more details check out the **tutorial videos** on the event website.

RULES OF MAZE MICE (ROBO MAZE):

- The team should not consist of more than **4 members**.
- Only **two member** of the team will be allowed near the **MAZE**.
- It will be a **MAZE** solving event.
- The path of the **MAZE** will be **35 X 35 cm**, so construct/calibrate accordingly.
- The robot should follow the robot specifications provided. Any deviation from the mentioned specifications will lead to disqualification.
- If the machine is wired then the wire should remain slack under all circumstances during competition. All Wires coming out of machine should be stacked as a single unit.
- **No test practice** will be allowed on the main arena.
- The structure of the robot should not be changed during the competition.
- Terminals for charging the battery will not be provided in the college.
- The arena may subject to change before the commencement of any round.
- The decision of the judges will be final and abiding. Argument with judges in any form will lead to the disqualification of the team.

RULES OF EVENT:

- Registration Should be done before **18th Jan,2020** with full details.
- Failing to reach the venue within the time will result in team elimination.
- Full event will be under surveillance and decision of organising committee will be final.
- Any kind of misbehaviour will not be tolerated and will lead to team elimination from the event.
- Late entries will not be considered, submit your entries within the time limit.
- Entries containing **any infringing, threatening, false, misleading, abusive, harassing, libellous, defamatory, vulgar, obscene, scandalous, inflammatory, pornographic or profane** content are prohibited.
- Decision of judges is final and absolute, challenging it will result in instant expulsion from the event.
- Defaming of any place, person or religion is not allowed.
- Misbehaving with any event organiser is strictly prohibited and will result in elimination from the event.
- Maintain the decorum during the event.
- Violation of any University rule may result in direct elimination from the event.

COMBO PACK:

- Per event will cost **Rs. 250 each**.
- If participated in all four events together will cost **Rs. 800**.

Contact Number

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