



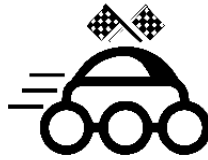
BAIUST Computer Club
Bangladesh Army International University
of Science and Technology

Bir Shreshtha Mohammad Mostafa Gate, Cumilla Cantonment, Cumilla, Bangladesh



Computenigma 2020

Empowering Technology for Digital Evolution



Bot Racing Competition

Official Rule Book

BAIUST Computer Club is welcoming students to participate in Bot Racing.

Overview:

Bot Racing is a RC track race which is a race between RC/WIRELESS robots where a robot has to complete a track at shortest time possible without earning any penalties by facing any disturbances. Robot that will complete the track the fastest and get the least penalties will earn highest points and thus will be the winner.

Announcements:

- Participants must bring their respective Student IDs for verification purposes at the event.

Conditions:

- Each team needs to have one manual wireless bot for this competition.
- Only the students of College, and Universities is allowed to participant without limiting scope. Security clearance is necessary for every participant.
- Members of a team can be from different institutions too.
- Participants will have to participate with their team which minimum of two (2) members, and maximum three (3) members.

Registration Link for Bot Racing: <http://bit.ly/registration-computenigma2020>

Deadline for Registration: December 25, 2019

Registration Fees for Bot Racing: 1200 BDT (2 Members) or 1500 BDT (3 Members)

computerclub@baiust.edu.bd

bcc.baiust.edu.bd

 @baiustcomputerclub



BAIUST Computer Club

Bangladesh Army International University of Science and Technology

Bir Shreshtha Mohammad Mostafa Gate, Cumilla Cantonment, Cumilla, Bangladesh



Start Receiving Payment: December 26, 2019

Deadline for Payment: January 01, 2019

Payment Submission:

Interested participants will have to directly pay in advance for their participation fee by using Mobile Banking Payment Method "bKash".

Payment Procedure for paying through bKash for Bot Racing:

1. Go to bKash Menu by dialing *247#
2. Choose 'Send Money' option by pressing '1'
3. Enter our billfold number: XXXXXXXXXX.
4. Enter BDT. 1200/1500 BDT
5. Enter a reference against your payment: BotRacing
6. Now enter your PIN to confirm: XXXX.
7. Please wait for confirmation text from bKash.
8. Please save the confirmation text after receiving it.
9. Write down the payment code to the registration form.
10. Done!

Robot Specifications:

- Robot must be remotely controlled ground wheeled robot.
- Robots dimension must not exceed 30 Centimeter X 30 Centimeter X 30 Centimeter.
- The robot should run by on-board power supply, not exceeding 24 volts.
- Ready-made Robot will not be allowed.
- During the run the bot can neither be split into several parts nor can be reprogrammed.
- Accidental detachment of an electronic or mechanical component can be reattached during the run by the participant, but no new or additional component is allowed to be introduced to the bot in this duration. Any time advantage will not be given.
- No additional component will be provided by the authority, so the participants should bring extra components for emergency (if any) on their own.
- The authority possesses full privilege of changing and adjusting the rules and disqualifying a robot violating rules stated above.

The Track:

- The width of the track is 60 Centimeter.
- The track may be covered with MUD, OBSTACLE, SMALL STONES, MARBLES, and WATER Etc.
- There will be a BRIDGE in a specific part of the track.
- There will be a CAVE in a specific part of the track.
- Demo track may be given before the event day.

computerclub@baiust.edu.bd

bcc.baiust.edu.bd

 @baiustcomputerclub



BAIUST Computer Club

Bangladesh Army International University of Science and Technology

Bir Shreshtha Mohammad Mostafa Gate, Cumilla Cantonment, Cumilla, Bangladesh



Scoring:

- Track consists of 4 checkpoints.
- Time needed to complete total track will be calculated.
- If a bot is unable to complete a checkpoint, it has to take a restart. Each restart will cost a penalty of (+20) seconds.
- If a bot touches any obstacle the penalty will be: (+30) Second. The bot that has least point (seconds) after the race will be the winner.

Nota Bene:

- Please bring your own equipment such as batteries, chargers, multi plugs etc. whatever you need in action.
- All participants must submit their bot 30 minutes before the race starts.

Disqualifications:

- Evidence of disrespecting to competition judges.
- Evidence of disrespecting to security rules.
- Evidence of disrespecting any opponent team mate.

Flexibility:

- The competition committee can make modifications of the rules at any time, and the committee has full right to change the rules.

Liabilities:

- Participating teams are always responsible for the safety of their robots and are liable for any accidents caused by their team members or their robots.
- Computenigma 2020 organizing team members will never be held responsible nor liable for any incidents or accidents caused by participating teams or their equipment.

*For more information, please feel free to contact to: **+8801533619472***

computerclub@baiust.edu.bd

bcc.baiust.edu.bd

 @baiustcomputerclub