Round 2 Begins!! || AIITRA Robotics Challenge 2021

2 messages

All IIT Robotics Association -AIITRA <main.aiitra@gmail.com>   Mon, Dec 6, 2021 at 4:29 PM
To: ae19b038@smail.iitm.ac.in, me19b120@smail.iitm.ac.in, ee19b094@smail.iitm.ac.in, ee20b044@smail.iitm.ac.in, cs20b025@smail.iitm.ac.in

Hola peeps!

Here we start the final round of the AIITRA Robotics Challenge!!

<u>**THE MODIFIED PROBLEM STATEMENT**</u>
The only modification for the final round is that the **upper constraint** for the number of bots for cleaning is **5**.
You are allowed to optimize your algorithm accordingly.
PS: You don't have to build any physical robots.

<u>**FILES TO BE SUBMITTED FOR FINAL ROUND**</u>

- Proposal Document
- Simulation Video(s)
- Robot Model (CAD File)
- Any other file that may supplement your solution(optional)

<u>**THE PRESENTATION**</u>
The online live presentation will start from **9:00 AM, 18th December, 2021 (Saturday)**. The detailed team wise schedule will be shared by 17th December.
Teams will have to explain their strategies and design decisions during the final presentation, after which there will be QnA from the jury.
The link for the meeting will be sent via mail by 17th December.
PS: All the members of the team should be present during the live presentation.

All the best for the final round.
Feel free to contact us if you have any doubts or questions.

With Best Regards,

Ritik Singh
Overall Coordinator
All IIT Robotics Association-AIITRA

M 6397641853
E main.aiitra@gmail.com

,
www.aiitra.org

All IIT Robotics Association -AIITRA <main.aiitra@gmail.com>   Sat, Dec 11, 2021 at 12:44 AM
To: ae19b038@smail.iitm.ac.in, me19b120@smail.iitm.ac.in, ee19b094@smail.iitm.ac.in, ee20b044@smail.iitm.ac.in, cs20b025@smail.iitm.ac.in

Some other important things to be mentioned

1) The total time allotted to each team for presentation is 20 minutes.

2) The Marking Scheme for the final round is :
Design: 40 (manufacturability and servicibility, failure cases)
Robot Deployment Method: 50 (takes care of failure cases, etc) Mapping + Planning
Final robot paths + cleaning efficiency : 10

3) Files to be submitted for final round
   A) Report/Proposal Document
   B) PPT
   * Simulation videos and CAD aren't to be submitted, however the screenshots of the bot can be included in the Report and PPT

[Quoted text hidden]