



ATHENA
22nd ANNUAL STATE STUDENTS' CONVENTION
OF ISTE KERALA SECTION



MEGARA
ROBOTICS FOR HUMANITY



SUMO ROBOWAR
SUMO ROBOWAR
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**Prizes
worth : 25K**

AJESH: 8078461354



MAR 16

BHARATH: 9497512166

RULE BOOK

DATE : 16th march 2024

PRIZES WORTH : 25k

REGISTRATION FEE : ₹600 per team

POINT SYSTEM

- Flip(180 degree) : 15 Points
- Out of the arena : 10 Points
- Immobilise : 5 Points

RULES AND REGULATIONS

- The fully extended bot must fit within a 500*500*500 mm box (without weapon)
- Two rounds, each lasting 2 minutes, will be held.
- Bots, including weapons (wedge or Flipper), must not exceed 550mm in length.
- Machine weight should not exceed 25 Kg (55.12 Lbs), excluding the remote controller. (For onboard battery bots, the weight is inclusive of battery weight)
- Bots cannot be built from Lego parts or ready-made kits.

- The robot can have flippers, lifting devices, and wedges.
- Use of cutters and blades are not allowed in the bot.
- The robot must be controlled either through a wired or wireless remote.
- Length of wire for robot control and power supply should not exceed 5 m each.
- Coordinator may reset the match in case of wire entanglement..
- Jumping, hopping, and flying are not allowed.
- The robots should not secure themselves on the ring surface by using suction cups, diaphragms, sticky treads, glue, or other such devices.
- Use of weapons designed to cause invisible damage to the opponent such as Tesla coils, Van de Graaff generators, stun guns, or similar equipment is prohibited.
- Use of Inflammable liquids, gases, and explosives are prohibited.
- Voltage difference in the bot must not exceed 24V; power supply can be onboard / off-board.

- The Maximum number of members in a team is limited to 5.
- Coordinators' decisions are final.
- The coordinators have the authority to alter any of the above-mentioned rules during the event.
- In case of disputes, the decision of the event-in-charge will be final.
- The team should only consist of ongoing undergraduate and postgraduate students from colleges in Kerala.



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