

# VIRTUAL ROBOTICS

## EVENT DETAILS:

In the emerging field of Robotics, Virtual Robotics gives you a stage to present and showcase your innovative ideas and simulation in **ROS MATLAB Python, Simulink Simscape, Ansys** and many more in front of the community. Virtual Robotics aims at tapping the infinite potential of the human mind to generate an idea, which, when given a proper platform, can transform into a path-breaking discovery. Robotics is often mistaken as a human replacement; nothing could be further from the truth. Robotics should be thought of more as human assistance that helps humanity unlock its full potential. In this event, you must make use of your soft skills and present your ideas in the virtual world.

## RULES:

1. There are no constraints on the choice of simulation software that is being used to present.
2. A working model of the concept is not required but appreciated.
3. The concept will be judged on various factors such as the presentation skill, applicability of the project, level of understanding of the participant, etc.
4. Participants will have to carry their own laptops compatible with VGA projector pin or necessary adapters.
5. An abstract of the idea of about 400–500 words must be submitted before the actual event. The deadline for this submission is Monday, October 31st, 2023, at 5.00 p.m. This abstract should include the project title, problem statement, motivation, working principle, result, conclusion, etc. and **should be emailed to [email@mindspark.org](mailto:email@mindspark.org) by the deadline.**
6. Last-minute entries may be permitted to present, but they will not be judged.
7. Your abstract will be evaluated beforehand, and the final shortlisted entries will be communicated. Only these teams will be part of the judging process. The remaining teams may or may not be allowed to score. Additional credits will be given for aesthetics, ergonomics, economics, etc.
8. The decision of the judges will be final and binding. No appeals will be entertained.
9. Rules are subject to change with/without any prior notice. Participants are requested to check the official MindSpark '22 website for updates.

**TEAM AND FEE STRUCTURE:**

Team size (max): 2 participants per team

Registration fee: -----