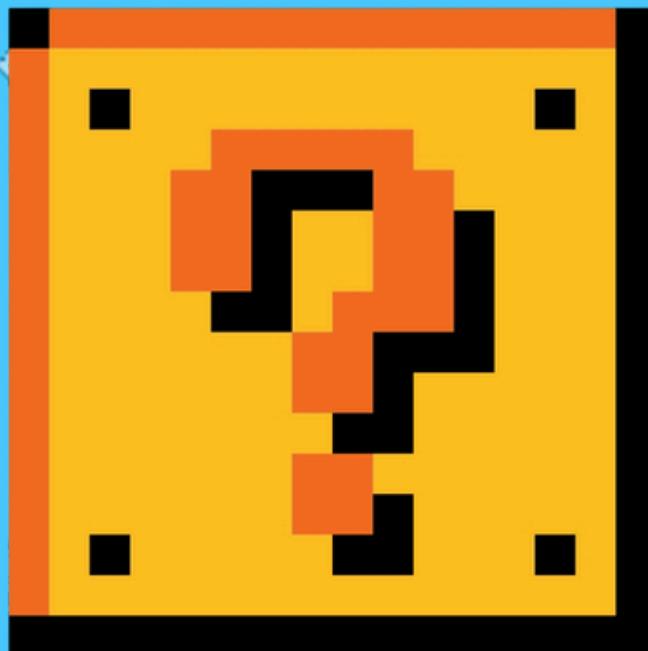


MARIO
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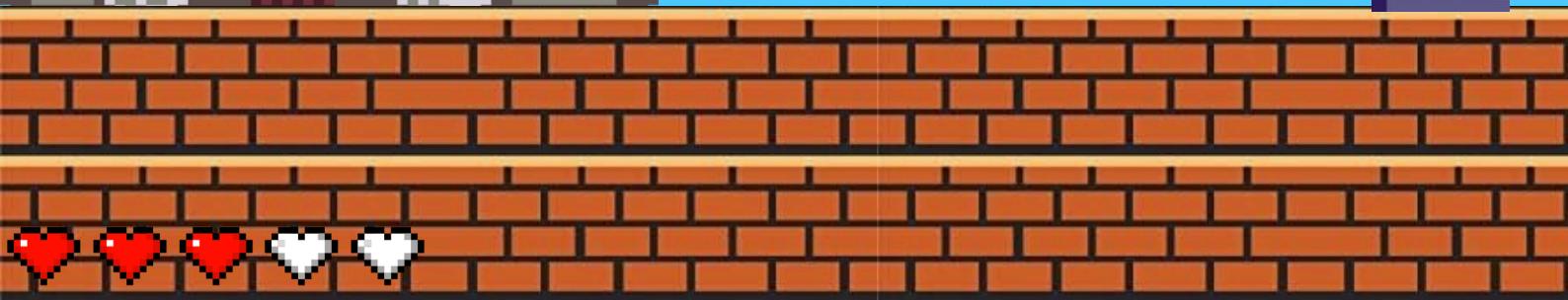
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WORLD
1-1

TIME
369



SUMMER OF PROJECTS



What is **RAS**



IEEE
Robotics &
Automation
Society



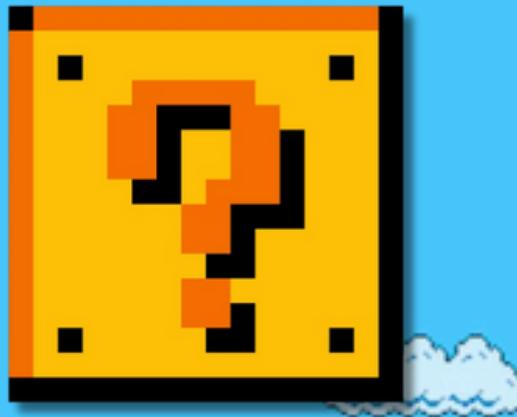
IEEE RAS (Robotics and Automation Society) is a technical society under IEEE that advances robotics and automation through hands-on experience and real-world projects. It offers students opportunities to explore intelligent machine by building, innovating, and participating in workshops, competitions and project-based learning. RAS is a space where imagination meets engineering.

What sets **IEEE RAS** apart?

RAS bridges practical robotics and AI experience with industry-academic collaboration. It offers students opportunities to engage in real-world projects, competitions, and workshops. With a focus on mentorship, innovation, and career growth, RAS fosters creativity and problem-solving in line with industry needs.



What is SoP?



Summer of Projects (SoP) is a four-day hands-on workshop by IEEE RAS, designed for freshers who are interested in the field of robotics and IoT but are not yet sure how to start their journey.



We have designed this workshop to teach anyone interested from the basics with a solid understanding of how everything works through multiple projects.



Starting from the basics of microcontrollers to 4 different projects, one on each day.



We expect a footfall of 200-240 student participants from various colleges across bangalore



Circuits of Support



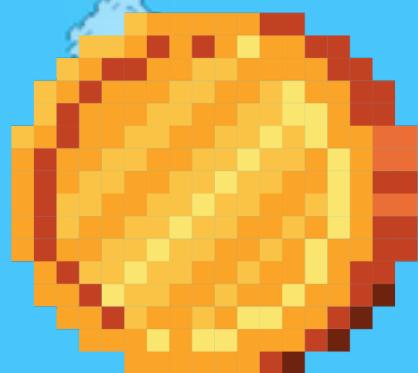
DIAMOND SPONSOR
(TITLE SPONSOR)

25K >>>



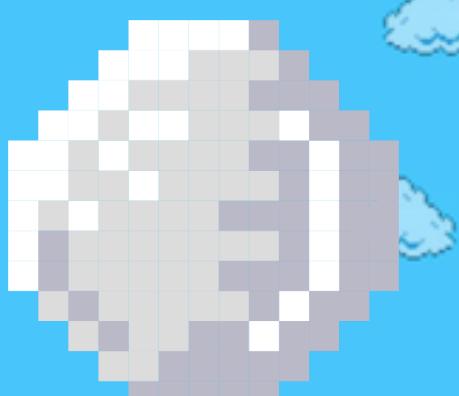
PLATINUM SPONSOR
(ASSOCIATE SPONSOR)

15 - 25K



GOLD SPONSOR
(CO-SPONSOR)

10K >>>



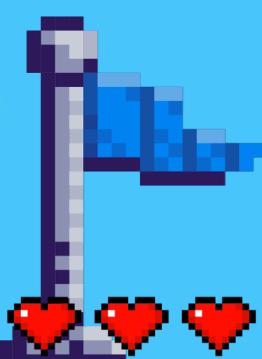
SILVER SPONSOR
(SUPPORTING SPONSOR)

5K



SPONSORSHIP CATERGORIES

PERKS	DIAMOND	PLATINUM	GOLD	SILVER
DISPLAY LOGO ON SCREEN	✓	✓	✓	✓
ACKNOWLEDGEMENT AT VOTE OF THANKS	✓	✓	✓	✓
MEDIA COVERAGE	✓	✓	✓	
LOGO DISPLAYED ON BANNER	✓	✓	✓	
SHOUT OUT DURING EVENT	✓	✓		
SOCIAL MEDIA PROMOTION	✓	✓		
ADVERTISEMENT PLAYED ON MAIN SCREEN	✓	✓		
LOGO PRESENTED ON MERCH + GOODIES	✓			



IN-KIND CONTRIBUTION

MERCHANDISES SUCH AS CUSTOM MADE T-SHIRTS, BADGES OR SOME GOODIES

REFRESHMENTS PROVIDED TO THE PARTICIPANTS AND VOLUNTEERS

PRINT OUT MATERIALS FOR MARKETING RELATED ITEMS



IN-KIND CONTRIBUTION



COMPONENT KITS

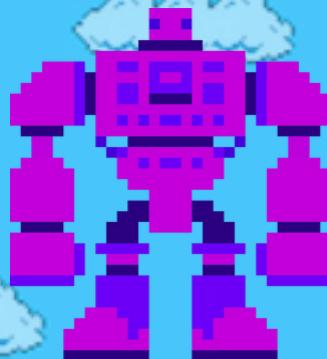


PARTICIPANT CERTIFICATES
TO EVERY PARTICIPANT



TROPHIES + CASH PRICE

EVENT FLOW: ALONG WITH THE DATES

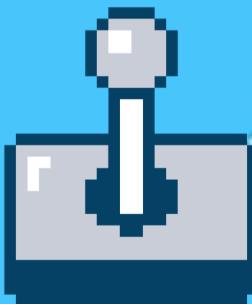


DAY - 1 : 31ST MAY

- Intro to SOP & robotics basics
- Project overview & kit distribution
- Tool & component walkthrough
- Step-by-step coding introduction

DAY - 2 : 7TH JUNE

Start Gesture-Controlled RC Car •
Sensor & motor integration •
Hands-on coding & assembly •



DAY - 3 : 14TH JUNE

- Build RoboSoccer bots and battle against other teams
- Real-time testing & teamwork also creativity
- Debugging and performance tuning



DAY - 4 : 21TH JUNE

Robot Tug-of-War Competition.
Project showcase & peer review.
Certificates & recognition ceremony.

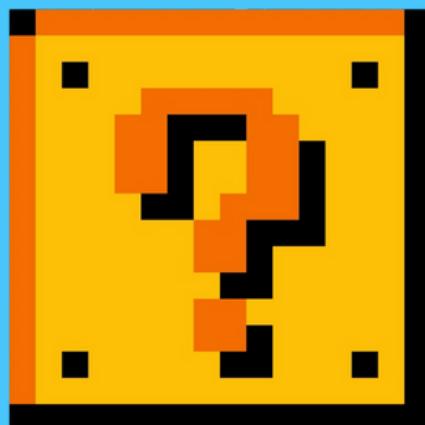




2024 GALLERY



BANK DETAILS:



Name : IEEE STUDENT BRANCH BMSIT

Bank Name : Indian Bank

Branch : Avalahalli

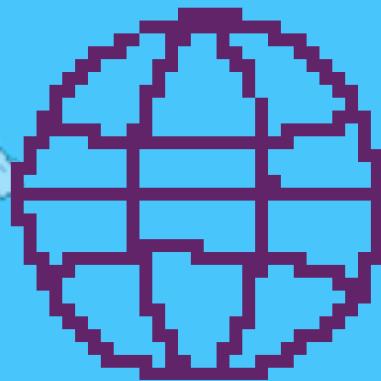
Account No. : 50191832958

IFSC Code : IDIB000A682

For UPI : allenth Thiagarajprabu@oksbi
Transactions



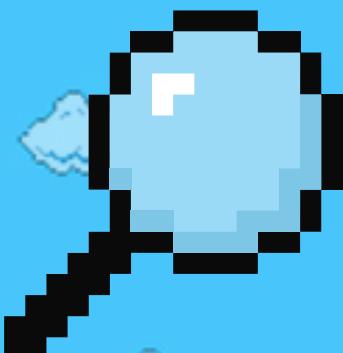
CONTACT INFO:



@RAS_BMSIT



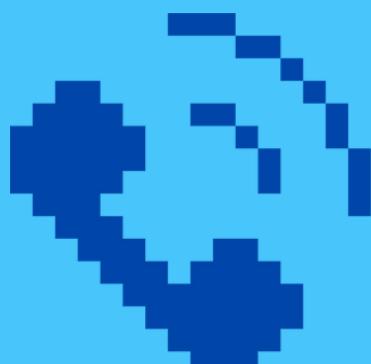
IEEE ROBOTICS AND
AUTOMATION SOCIETY
BMSIT&M



ras-bmsit.github.io/sop25



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