



# AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय



Approved by AICTE, New Delhi, Recognized by Government of Maharashtra  
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(Id.No. PU/PN/Engg./093 (1992))

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**Department of Production Engineering,  
Robotics & Automation Engineering**

**19<sup>th</sup> Engineering Today-2024**

**\*ROBOMAZE [PR-3]\***

ROBOMAZE is an Innovative Event that Tests Problem Solving and Navigation skills of Participants.

Participants will be provided with Bots made by event Volunteers, the Bots are capable of Live video Streaming straight to the participants phones and can be controlled with the same, These Bots are deployed in a specially designed Maze that has active obstacles, they must navigate through the Maze with the help of Live Video feed on their phones, Event has 2 stages, those with lowest time to Clear the 1<sup>st</sup> stage are Qualified for 2<sup>nd</sup> stage, further the Winners will be announced.

Faculty Coordinator:	Mr. Y. R. Chandwade
Day, Date & Time of Event:	Thursday, 26 <sup>th</sup> & 27 <sup>th</sup> September 2024, 9:00 AM
Venue:	Room No 236
Entry Type:	Individual
Entry Fee:	Rs 100 per student

**Exciting rewards:**

Prize pool worth Rs 8000/- (Eight Thousand Only)	1st Prize – Rs 5000/-
Participation Certificate to all the Participants.	2nd Prize – Rs 3000/-

**Guidelines for Participant:**

**STAGE 1** – Consists of 2 Different Themed Mazes, end of first maze is connected to entry of 2<sup>nd</sup> maze. one to complete this stage in the given time is Qualified for Stage 2.

**STAGE 2** – In second Stage a Third and more difficult Maze is supposed to be escaped by the Qualifiers. Winners will be Participants who escape the 3<sup>rd</sup> maze in lowest possible Time.

**Schedule for PR-3:**

Activity planned	Time scheduled	Allotted time
<b>26<sup>th</sup> September Thursday</b>		
Commencing of Stage 1	9:00 am	---
On spot entry window	Starts 9:00 am 26 <sup>th</sup> September	---
Stage 1 completion	Ends 2:00pm 27 <sup>th</sup> September	---
Break	12:00 to 1:00 pm	1 hr
Day 1 ends	5:00pm	8hrs

27 <sup>th</sup> September Friday		
Commencing of Stage 2	Starts 3pm 27 <sup>th</sup> September	---
Stage 2 Finalization	3:00pm – 4:30pm	2hrs
Stage 2 completion	4:30pm	1.5hrs
Result	5:00pm	30 mins

### Scoring scheme

STAGE 1:		STAGE 2:	
Criteria	Points Allotted	Criteria	Point Allotted
Completion of 1 <sup>st</sup> maze	25	Completion of 3 <sup>rd</sup> maze	50
Completion of 2 <sup>nd</sup> maze	25	<b>Total</b>	<b>50</b>
<b>Total</b>	<b>50</b>		

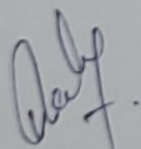
### Rules & Regulation:

- 1) All Decisions taken by the coordinators are meant to be followed and respected.
- 2) You can register only **Individually**.
- 3) The competition will be conducted in **Two Stages**.
- 4) Mobile phones to connect to the bot will be provided or Participants may use their own.
- 5) Participants must Disconnect their devices from the bots as soon as their round ends, a failure at doing so will result in Disqualification.
- 6) The entries will be judged on the basis of **Lowest time taken to escape particular maze**.
- 7) There will be a given time to escape the first 2 mazes in order to clear 1<sup>st</sup> Stage.
- 8) Time Limit will be announced on the day of event.
- 9) Winner will be those with Lowest escape time in Stage 2.

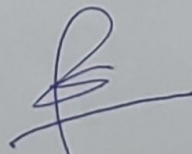
### Fair Play

- Participants are expected to maintain fair play and respect for fellow participants, event organizers, and the environment.
- Any form of cheating, disruptive behavior, or non-compliance with event rules may result in disqualification.

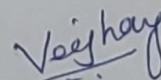
Professionals and amateurs from a range of engineering disciplines came together for the "ROBOMAZE" Event to Innovate and Carryout the complex nexus of engineering expertise, ethics, problem-solving, and communication. Participants developed their problem-solving, communication, and ethical awareness through stimulating talks, interdisciplinary, and skill-building activities. This event strengthened a community devoted to ethical engineering practices by highlighting the moral implications of technology and highlighting the need of cooperation when tackling difficult problems.



Mr. Y. R. Chandwade  
Event Faculty  
Coordinator



Mr. S. N. Chiwande  
Dept. Faculty ET  
Coordinator



Mr. V. D. Dholle  
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Head of Department  
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