



PRESENTS



MERAKI

IIIT Una

*ROBO DRIVE*

# **ABOUT IIIT UNA**



Indian Institute of Information Technology Una (IIIT Una), established in 2014, is an Institute of National Importance located in Saloh, Himachal Pradesh. It operates under a Public-Private Partnership (PPP) model, with joint funding from the Ministry of Human Resource Development (Government of India), the Government of Himachal Pradesh, and industry partners such as H.P. Power Corporation and H.P. Power Transmission Corporation.

IIIT Una is dedicated to nurturing bright minds by providing quality education and advanced technical skills. The institute plays a crucial role in preparing students for real-world challenges, ensuring they are well-equipped to address technical and societal issues at both national and global levels. With a focus on innovation, research, and holistic development, IIIT Una aims to empower future leaders who can contribute to the growth and progress of the country and beyond.



# **ABOUT MERAKI**



MERAKI, a Greek word, signifies putting your soul, creativity, and passion into your work, leaving a part of yourself in it. It's the Technical Festival of IIIT Una, renowned since its inception for its engaging blend of innovation, skills, and fun. It provides a platform to showcase your creativity, innovation, and unique abilities. MERAKI'25 marks the 3rd edition of this incredible fest to take place from April 2nd to 4th, 2025.

The festival features a wide range of events, including Robo-Drive, Ard-Win-O, Prog-athon. From high-energy competitions to fun-filled activities, MERAKI offers an unforgettable experience. In addition to thrilling contests, the festival hosts insightful workshops and hands-on sessions on various tech and non-tech topics, encouraging skill development and innovation. Immerse yourself in this dynamic environment and be part of the excitement at MERAKI 2025!



# EVENT DETAILS



MERAKI

## Event Description:

ROBODRIVE, an event where innovation meets speed!, this exciting event challenges participants to design and build a high-speed robotic car using cutting-edge components. Participants will showcase their engineering and programming skills in a thrilling two-round race to crown the ultimate champion.

## Event Details:

- Components Provided: 4 X 200 RPM BO Motors | Arduino UNO | L298n Motor Driver | LiPo Batteries | Jumper Wires | Chassis
- Date: 4th April 2025
- Time: 6:00 pm – 8:30 pm
- NOTE: Participants are allowed to use their own components if desired.



# EVENT FORMAT

The event will contain 3 rounds

## Elimination Round

- Teams will have to take part in a quiz based on basic Arduino knowledge
- Elimination Round will only be conducted for teams from IIIT Una

## Round 1

- Teams will race their robotic cars on a challenging course that will test speed, agility, and control with only the top performers advancing to the final round

## Round 2: Final Race

- The final round will feature an even more demanding course with added obstacles and challenges.



# REGISTRATION PROCESS



- To register for any event, users must have an account on the Unstop website.
- You can scan the QR code to get the link for registration.
- For team events, after clicking the "Register" button, users will be prompted to either create a team or join an existing one.
- Solo participants can register directly.
- Team participants can form teams (max 4 members).
- No two teams can have the same name.
- Team leaders cannot be changed after registration.



# ***RULES & REGULATIONS***



- Maximum of 4 members per team
- The Chassis size should be a maximum of 12 inchx8 inch
- Participants are allowed to use their own components if desired
- Elimination Round Date: 26 March 2025
- Final Rounds Date: 4 April 2025
- Penalties will be there that will be revealed on event day
- All Winners positions will be based on time format





# CONTACT US

## COORDINATORS

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## SOCIAL MEDIA HANDLES





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