



PRESENTS



MERAKI

IIIT Una

ARD-WIN-O

# **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:

An engaging Arduino-based competition designed to challenge participants in electronics, IoT, and programming. Competitors will build a functional and innovative project utilizing Arduino Uno and a variety of sensors. The event emphasizes creativity, problem-solving, and hands-on implementation within a set time limit. Think you have what it takes to turn an idea into reality? Step up, take the challenge, and let your creativity shine at MERAKI'25!

## Event Details:

- Date: April 3, 2025
- Time: 10:30 AM - 1:00 PM
- Venue: Academic Block Lab 122
- Team Structure: Individual or Team (Max 4 members)
- Registration Deadline: 10:00 AM on April 3, 2025



# EVENT FORMAT

The event consists of three rounds:

## Round 1: Elimination Round

- A quiz will be conducted based on the IoT workshop.
- Top 10 teams will qualify for the final round.
- Note: The elimination round will only be conducted if more than 10 teams register.

### Quiz Rules:

- No external help (books, internet, AI tools, etc.) is allowed.
- Each question carries specific points (to be announced).
- Negative marking for incorrect answers.

## Round 2: Final Round - Arduino Project Development

- Participants must develop a working project using Arduino Uno and sensors in 2 hours.
- Only the provided Arduino components can be used.
- Pre-written code is not allowed—all coding must be done on-site.
- Proper documentation of the code is required.
- Internet and mobile usage is allowed.
- Teams must demonstrate their working project to the judges.

**Innovation sparks progress, but execution wins the race!**



**MERAKI**



# ***RULES & REGULATIONS***



**MERAKI**

- Teams must only use the components provided by the organizers.
- No pre-built hardware or third-party circuits allowed.
- No plagiarism—all code must be written from scratch.
- Code must be documented properly for evaluation.
- Teams must complete the project within 2 hours.
- The decision of the organizing committee is final in case of disputes.



# REGISTRATION PROCESS



- Participants must have an account on the UnStop website to register.
- Scan the QR code to access the registration link.
- Click the "Register" button and fill in the required details.
- Click "Submit" to complete the initial registration.
- A new window will appear, allowing you to change your team name (default team name is taken from the email you used) and add other members (if you want to).
- The first person to register will automatically become the team leader and it can not be changed.
- Team size can range from 1 to 4 members.
- Each team must have a unique name (no duplicates allowed).
- The deadline for registration is April 3, 2025, at 10:00 AM.





# CONTACT US

## COORDINATORS

- **Srinivas Prabhu**

(9284761997)

- **Utkarsh Rajput**

(8299694472)

- **Anurag Tiwari**

(9058603477)

- **Gaurav Kumar**

(8619291091)

## SOCIAL MEDIA HANDLES





MERAKI

IIIT Una