



PRESENTS



MERAKI

IIT Una

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, Sold Mold, Prog-thon. 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!



MERAKI SCHEDULE



Day-01

- Meraki Inaugurations
- Project Exhibitions
- Stocks Buzz
- Money Heist
- Coderation
- Prog-o-thon Day-01
- NoScope Day-01

Day-02

- Ad-Venture
- Ard-Win-O
- Hack-The-Flag
- Sold Mold
- Run Code Run
- Prog-o-thon Day-02
- NoScope Day-02

Day-03

- Speaker Session
- Tech Debate
- Prog-o-thon Evaluations
- IPL Auctions Finale
- Mystery Ops Finale
- ScalesQuest Finale
- Coder's Face OFF
- Hired or Fired?
- Robo-Drive Finale
- UCPC
- NoScope Finale



STOCK BUZZ



Event Description:

Stock Buzz is an exciting event based on stock market. The event integrates a compelling story with a virtual stock market simulation, challenging participants to strategize and trade based on the unfolding narrative. Teams with the highest portfolio at the end of the event will emerge as winners.

Additional Elements:

- "Breaking News" segments may be introduced to add unpredictability to the market.
- Bonus opportunities like mystery stocks or prediction challenges will be provided for extra points.

Coordinators :

- Kaustubh Agarwal (8000335393)
- Harshit Kaswan (8302851540)

Event Format:

The event is structured into 12 rounds (aprox), corresponding to a part of the story. Each round will include two phases:

Phase 1: Story Presentation (5 mins)

- A part of the story will be displayed on the projector which will include critical details and hints influencing the stock market.

Phase 2: Trading Session(10 mins)

- Teams will use the virtual stock market platform to make trades.

NOTE: In case of large participation, a qualifier round will be conducted.

Team Structure: 1-3 members per team.

Date: 2nd April 2025

Time: 1:30 pm - 5:00 pm

Venue: Academic Block Room No. 228



MONEY HEIST



Event Description:

Assemble your crew, strategize your heist, and outplay your rivals in this high-stakes challenge! Teams will choose a bank, buy weapons and tools, and navigate unpredictable obstacles—hostage negotiations, police raids, and rival clashes.

Escape won't be easy; the path you take determines your fortune or downfall.

The team that escapes with the most money wins. Do you have what it takes to pull off the perfect heist?

Plan. Steal. Escape. Bella Ciao!

Event Format:

The event will be a surprise for all the participants. So, be prepared for the event.

Date: 2nd April 2025

Time: 5:00 pm - 7:30 pm

Venue: Academic Block Room No. 227 & 228

Coordinators :

- Lakshay Dhall (7015044867)
- Kuldeep Singh (8840220930)
- Abhishek (9467020263)



CODERATION



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Event Description:

Coderation is a competitive programming contest designed to test problem-solving and coding skills under time constraints. Participants will tackle algorithmic challenges on designated lab PCs, submit solutions through a local judge, and track their rankings live. The top performers will be recognized and awarded based on their performance.

Event Specific Rules:

- The event will last for 2 hours. Participants must submit their solutions within this time frame.
- A 5-minute time penalty will be added for each incorrect submission.

Coordinators :

- Amrutansh Jha (6299815099)
- Tanishq Gupta (7905621974)

Event Format:

- Participants will compete on designated lab PCs using assigned credentials.
- Solve algorithmic challenges in a preferred programming language.
- Test solutions locally before submitting them via the local judge platform.
- Track rankings in real-time on the contest leaderboard.
- Seek assistance from organizers in case of technical issues.
- Top performers will be recognized and awarded after the event.

NOTE: In case of a tie on number of questions, total time taken will be used as the tiebreaker.

Date: 2nd April 2025

Time: 7:30 pm - 9:30 pm

Venue: Academic Block Lab 120



PROG-O-THON



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Event Description:

A dynamic Hackathon bringing together creative minds to build innovative apps, websites, and AI/ML, electronics solutions. This event challenges participants to conceptualize, design, and develop cutting-edge projects that solve real-world problems.

Judging Criteria:

- Innovation and Creativity (25%): How original and creative the idea is?
- Technical Implementation (30%): Quality of code and efficient use of technology and frameworks.
- Functionality (20%): Does the project work as intended?
- User Experience and Impact (20%): Is the design user friendly and solves the problem efficiently?
- Presentation (5%): How well is the idea and project presented?

Venue: Academic Block Lab 103 and 104

Event Format:

The event will consist of two phases:

Phase 1: Project Building:

- Each team will work for 24 hours to work on their respective projects.

Phase 2: Submission and Presentation

- Teams will submit their project and present it in front of the judges a few hours after project submission.

NOTE: Teams will be told about themes 3-4 days prior to the event.

Team Structure: 3 members per team.

Date: 2nd & 3rd April 2025

Time: 9:30 p.m. onwards

Coordinators :

- Dhruv Srivastava (8840160729)
- Anubhav Dhyani (8171631347)



PROG-O-THON THEMES



AgriTech

Transforming Agriculture with Innovation

Agriculture is the backbone of many economies, yet challenges like climate change, inefficient supply chains, and resource wastage persist. This hackathon invites AgriTech innovators to build tech-driven solutions to revolutionize farming and agribusiness.

Challenge Areas:

Smart Farming & Precision Agriculture:

- AI, IoT, and drone-based solutions for efficient farming.

Supply Chain & Market Access:

- Blockchain for transparent food supply chains, direct farmer-to-market platforms.

Sustainable Agriculture & Climate Resilience:

- Water conservation, soil health monitoring, and climate adaptation technologies.

Agri-FinTech & Rural Credit Solutions:

- Digital lending and financial tools tailored for farmers.

Smart and Sustainable Cities

Leveraging Technology for a Better Future

Rising urban challenges—traffic, waste, pollution, energy, and safety—demand smart solutions. We invite innovators to build tech-driven solutions for greener, safer, and more efficient cities.

Challenge Areas:

Smart Mobility & Transportation:

- Solutions to enhance public transport, ease traffic congestion, and promote sustainable commuting.

Waste Management & Sustainability:

- AI, IoT, or blockchain solutions for smart waste management and sustainability.

Energy Efficiency & Renewable Solutions:

- Smart grids, AI-driven energy management, and efficient buildings for optimized power use.

Public Safety & Disaster Management:

- Predictive analytics, emergency response, and tech solutions for safer cities.

Healthcare & Accessibility:

- AI diagnostics, digital health platforms, and smart infrastructure for urban healthcare.



NO SCOPE



Event Description:

Welcome to No Scope, the battleground where skill, strategy, and adrenaline collide! Whether you're a tactical genius, a sharpshooter, or a football master, this gaming extravaganza is your stage to dominate. Get ready to compete in BGMI, Clash of Clans, Valorant, FIFA, and Mini Militia, where only the best will rise to the top!

Coordinator:

- Harsh Arora (8929446382)

Date: 1st, 2nd 3rd & 4th April 2025

Time: 9:30 p.m. onwards

Venue: Anywhere on Earth with Internet

Games Lineup:

- **BGMI-** Drop in, loot up, and fight to be the last squad standing!
- **Valorant-** Tactical FPS action at its peak—precision and teamwork will decide the victors.
- **FIFA-** The virtual football pitch awaits—showcase your dribbling skills and net the ultimate goal!
- **Mini Militia-** Nostalgia meets mayhem in this chaotic 2D shooter.
- **Clash of Clans-** Build your empire and crush your enemies in this legendary strategy game.

Team Structure: Varies for the Games



AD-VENTURE



Event Description:

Ad-Venture is a creative advertising competition where teams design and present unique ads for assigned products or themes. Using humor, originality, and marketing techniques, participants showcase their ideas through skits, performances, or videos. The most engaging and impactful ad wins the competition.

Judging Criteria:

- Ads are evaluated on creativity, originality, clarity, engagement, and entertainment value, with top teams being awarded.

Coordinators :

- Lakshay Dhall (7015044867)
- Rudresh Joshi (7217840571)

Event Format:

The event will consist of two rounds:

Round 1: Product & Conceptualization:

- Teams receive a product or theme and brainstorm their advertisement strategy.
- Preparation Time – Participants create a live performance, skit, or video presentation within a given timeframe.

Round 2: The Advertisement Pitch:

- Teams present their ads before judges and an audience, using props and visual aids if needed.

Date: 3rd April 2025

Time: 10:30 am – 1:00 pm

Venue: Academic Block Room No. 227

Team Structure: 3 members per team.



ARD-WIN-O



Event Description:

Ard-Win-O is an exciting technical event designed for enthusiasts passionate about electronics and programming. Participants are challenged to build a functional and innovative project using the Arduino Uno and a wide range of sensors of their choice within a specified time frame.

Date: 3rd April 2025

Time: 10:30 am - 1:00 pm

Coordinators :

- Anurag Tiwari (7068616875)
- Chandraditya Parmar (8171930369)

Event Format:

The event will consist of two rounds:

Round 1: Elimination

- A quiz will be conducted based on the IoT workshop with top 10 teams advancing to the final round.

Round 2: Final Round

- Build a functional project using Arduino Uno, various sensors and components in 2 hours.

NOTE: Elimination round will only be conducted if more than 10 teams participate in the event.

Team Structure: 1-4 members per team.

Venue: Academic Block Lab 122



HACK THE FLAG



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Event Description:

Hack-The-Flag is a competitive Capture The Flag event designed to challenge participants' problem-solving and cybersecurity skills. Participants will solve a series of challenges across domains like cryptography, reverse engineering, web security, and forensics to earn flags.

Judging Criteria:

- Total Points (70%): Points awarded for each solved challenge.
- Category Coverage (20%): Bonus for solving challenges across multiple domains.
- Submission Time (10%): Bonus for solving challenges quickly in case of ties.

Coordinators :

- Kuldeep Singh (8840220930)

Event Format:

The event will consist of two rounds:

Qualifier Round:

- If participation is high, a preliminary round with easier challenges determines finalists.

Main Challenge:

- Participants solve challenges in cryptography, web exploitation, reverse engineering, forensics, and miscellaneous categories, earning points based on difficulty.

Submission & Judging:

- Flags are auto-evaluated, judges verify rule compliance, and winners are determined based on points and submission time.

Team Structure:

Date: 3rd April 2025

Time: 1:45 pm - 5:30 pm

Venue: Academic Block Lab 103



SOLD-MOLD



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Event Description:

Sold-Mold tests participants' soldering precision, circuit assembly skills, and efficiency. Teams will solder components based on a given schematic, ensuring clean connections and functional circuits. Whether you're a beginner or an expert, this is your chance to showcase your craftsmanship in MERAKI'25!

Date: 3rd April 2025

Time: 1:45 p.m. - 5:30 p.m.

Venue: Academic Block Lab 221 & 222

Coordinators :

- Kaustubh Agarwal (8000335393)
- Ansh Gudibanda (7993406901)

Event Format:

The event will consist of three rounds:

Round 1: Elimination Quiz:

- Teams take a quiz on basic electronics concepts, with the top 20 teams advancing.

Round 2: Precision Solder Showdown:

- Teams assemble and solder a given circuit, judged on accuracy, functionality, and neatness. The top 5 teams qualify for the final round.

Round 3: The Ultimate Circuit Clash:

- Finalists build a more complex circuit, evaluated on precision, efficiency, build quality, and troubleshooting skills.

Team Structure: 3 members per team.



RUN CODE RUN



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Event Description:

A one of a kind coding contest that requires your DSA and coding skills. But what's fun in just coding ? And there is the key factor; Random tasks, eliminations, quests and much more will go on simultaneously which will really put your team to the test. Whether you are a pro-coder or not, take part in one of the most interesting and fun event of MERAKI'25.

Date: 3rd April 2025

Time: 6:00 p.m. to 8:30 p.m.

Venue: Academic block Lab 005 & 006

Coordinators :

- Keshav Agarwal (7017540010)
- Ansh Varshney (7300735482)

Event Format:

- Teams compete to solve 25 programming challenges, earning points for each correct solution.
- Every 10 minutes, a spinning wheel select 1 to 2 teams that must take a 1/6 chance with an elimination prop, potentially losing a member.
- Teams can search the campus for special QR codes that grant immunity from specific elimination rounds.
- The team with maximum point win the event.

NOTE: Incase of a tie at podium places, a faceoff between the teams will be conducted.

Team Structure: 3 members per team.



TECH DEBATE



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Event Description:

Tech Debate is a dynamic competition where teams of three debate on a given tech-related problem statement. Teams present opening arguments, counter opposing views, and conclude with final statements, with limited internet access. The team that formulates the most compelling and well-structured arguments wins.

Date: 4th April 2025

Time: 10:45 am – 1:00 pm

Venue: OAT

Coordinators :

- Sangharsh Verma (9058603477)
- Ujjwal Mishra (7834890737)
- Manmohan Mani Tripathi (8219796654)

Event Format:

The event consists of three rounds:

Round 1: Opening Statements:

- Teams present their initial stance on the given tech-related problem.

Round 2: Counter Questions & Rebuttals:

- Teams challenge opponents' arguments while defending their own.

Round 3: New Statements & Concluding Remarks:

- Teams refine their viewpoints before delivering final arguments.

Note: The team with the most persuasive and structured debate wins, with tiebreakers if needed.

Team Structure: Each team consists of three members.



IPL AUCTION



Event Description:

IPL Auction is a high-stakes event where participants act as team owners, strategizing and bidding in a virtual auction. Teams compete using virtual currency to build the best squad while managing budgets and outbidding rivals. Success depends on decision-making, financial management, and cricket knowledge.

Coordinators :

- Harsh Arora (8929446382)
- Sahil Dargar (9368481726)

Time: 10:45 am – 1:00 pm

Venue: Academic Block Room No. 227

Event Format:

The event will consist of two rounds:

Round 1: Quiz Round:

- Teams compete in a cricket and strategy-based quiz to qualify for the auction.

Round 2: The Grand Auction:

- Teams bid in real-time to build their squad within a set budget.
- Bidding strategy, budget management, and player knowledge are crucial for success.
- Teams are evaluated based on squad balance, strength, and overall strategy.

Date: 4th April 2025



MYSTERY OPS



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Event Description:

Mystery-Ops is an immersive escape room-style competition that blends technology and problem-solving. Teams will face a series of interactive challenges, testing both technical skills and strategic thinking. Crack codes, escape traps, and outthink your rivals—Mystery Ops is the ultimate test of logic and teamwork!

Date: 4th April 2025

Time: 1:30 pm - 2:45 pm

Coordinators :

- Krish Choudhary (8930901025)

Event Format:

The event consists of two rounds:

Round 1: Elimination Round:

- A tech buzzed mind game to qualify for the ultimate escape room experience.

Round 2: Themed Rooms:

- Teams navigate through four uniquely themed rooms, solving a mix of technical and non-technical challenges.
- Progression through each room depends on successfully completing the given tasks.
- The team that clears all rooms the fastest or scores the highest wins.

Venue: Academic Block Lab 221 & 222



SCALES QUEST



Event Description:

Scales Quest is an exciting two-day event that blends intellect and entertainment. Participants compete in two rounds, starting with a pen-and-paper quiz covering technology, general knowledge, and related topics and in second round, where they will engage in a strategic and knowledge-based virtual snakes and ladders challenge.

Winning Criteria:

- The game lasts a maximum of 30 minutes. If no team reaches the end, the team with most progress will be the winner. In case of a tie, a tiebreaker question will be asked.

Coordinators :

- Prakhar Jaiswal (7905728886)
- Krish Choudhary (8930901025)

Venue:

Event Format:

The event comprises of two rounds:

Round 1: Crossword Quiz

- A written quiz featuring multiple-choice questions with a fixed time duration.
- Only the top 24 participants will qualify for the next round.

Round 2: Snakes and Ladders Challenge

- The 24 participants will be divided into 6 teams. Teams will play snakes & ladders game on a virtual board.
- Landing on a ladder allows the team to answer a question from one of five categories—Technical, History & Culture, Literature, Current Affairs, Sports — to climb higher.
- Landing on a snake results in another team selecting a question for them, an incorrect answer leads to a penalty.

Date: 4th April 2025

Time: 3:00 pm - 5:30 pm



HIRED OR FIRED?



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Event Description:

Are you ready to prove your skills and join the elite league of coders? Hired or Fired is the ultimate recruitment challenge where only the strongest will survive! Inspired by the Avengers, this event tests your coding, aptitude, and interview skills through three intense rounds. Do you have what it takes to assemble and claim victory?

Date: 4th April 2025

Time: 3:00 pm - 5:30 pm

Venue: Admin Block Interview Rooms

Coordinators :

- Vansh Gaba (9719564812)
- Prasoon Kushwaha (8004222369)

Event Format:

The event consists of three rounds:

Round 1: Coding Round:

- Participants solve DSA-based coding questions to test their programming fundamentals.

Round 2: Aptitude Round:

- Candidates answer reasoning and aptitude questions to assess problem-solving skills.

Elimination Phase:

- Combined scores from Rounds 1 & 2 determine who advances to the final round.

Round 3: Mock Interview:

- Shortlisted candidates face offline mock interviews conducted by alumni.



CODER'S FACE OFF



Event Description:

Coder's Face Off is a frontend development competition designed to challenge participants in accurately converting Figma designs into fully functional web and mobile application interfaces. The event will test participants' proficiency in frontend technologies, evaluating their ability to create pixel-perfect, responsive, and structured UI components.

Judging Criteria:

- Accuracy (50%): How closely does the final design match the original?
- Attention to Detail (30%): Fonts, colors, spacing and alignment.
- Completion Time (20%): Extra points for timely and precise completion.

Venue: Academic Block Lab 103 & 104

Event Format:

- Each participant receives a Figma design for web or app interface(based on personal preference) and converts it into a working frontend.
- Use of any AI Tool or UI Library is not allowed.
- There might be a surprise element introduce in-between the event so prepare your UI accordingly.
- Allowed Languages & Frameworks: HTML, CSS, JS, React, Tailwind CSS, Flutter, React Native.

NOTE: In case of large participation, a qualifier round will be conducted.

Team Structure: Only Individual Participation.

Date: 4th April 2025

Time: 3:00 p.m. – 5:30 p.m.

Coordinators :

- Anmol Agarwal (9992588763)
- Ansh Kumar (7206000725)



ROBODRIVE



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.

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 consist of two rounds:

Round 1: Elimination

- Teams will race their robotic cars on a challenging course that tests 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.

Team Structure: Maximum 4 members per team.

Venue: Campus Premises

Coordinators :

- Ujjwal Nigam (6388179838)
- Prakhar Jaiswal (7905728886)



UNA COMPETITIVE PROGRAMMING CONTEST (UCPC)



Event Description:

Una Competitive Programming Contest (UCPC) is a team-based coding competition where teams of three, solve algorithmic challenges within 4 hours using a local judge system. Rankings are based on the number of correct submissions, with time taken as the tie-breaker. Ethical coding practices are mandatory.

Event Specific Rules:

- Teams will be ranked based on the number of problems solved.
- A 10-minute penalty will be added for each incorrect submission.

Coordinators :

- Rohan Aggarwal (9119071696)
- Paras Tyagi (9456265714)

Event Format:

- Teams of three compete for 4 hours on a local judge system.
- Participants can code in any supported language and submit via the platform.
- Rankings are based on problems solved; ties break by total time with penalties.
- Ethical coding is mandatory, and top teams will be awarded.

NOTE: Tie-breakers will be decided based on total time taken.

Team Structure: 3 members per team.

Date: 4th April 2025

Time: 9:30 pm onwards

Venue: Academic Block 103 and 104





CONTACT US

COORDINATORS

Faculty

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Student

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SOCIAL MEDIA HANDLES





MERAKI

IIIT Una