



AAVESH, IIIT UNA PRESENTS

# TECHतत्त्व:

2021

Start making sense

DECEMBER 29-31

Register at <https://aavesh-iiit.github.io/>

Presented by





# ABOUT IIIT UNA

Indian Institute of Information Technology Una (IIIT, Una) is one of the Indian Institutes of Information Technology located at Vill. Saloh, Teh. Haroli, Distt. Una Himachal Pradesh

Established in 2014, it was recognized as an Institute of National Importance, IIIT Una is a joint venture of the Ministry of Human Resource Development, Government of India, the Govt. of Himachal Pradesh, with Industries in Public-Private Partnership model, The industries are H.P. Power Corporation and H.P. Power Transmission Corporation

IIIT Una is a college of national importance and is destined to nourish the Bright minds of the students towards a shining future, Supporting students at each major step intern making them ready for the challenges of the society

Providing Quality education and technical skills to the students make them prepared and well-equipped for resolving the technical challenges faced by the Indian society as well as the globe,

As students are the future of a country so IIIT Una playing its crucial part for the betterment of the future of the country and globe





# ABOUT AAVESH

Aavesh is the core electronics society of IITU that strives to teach and help students acquire new skills in an era of rapidly evolving technology in the field of electronics and communication engineering. The Society aims to provide potential minds of IITU a platform to discuss innovative ideas and nurture their skills to tackle real life challenges in the world today and contribute to the technical society through various projects, patents and research publications. We organize various expert lectures, workshops, mentorship programs as well as competitions throughout the year with the aim of keeping the students learning and providing them the necessary resources to implement their ideas.

## VISION

Through this event, Aavesh has taken the initiative to provide an opportunity for young technocrats to showcase their skills. This event also aims to build rapport with the different student communities and will try to provide a platform to depict their skill set.

Our vision is to empower students to acquire, demonstrate and articulate the value of knowledge and skills that will support them as lifelong lessons. To participate and contribute to the welfare of the institute and practice the core values.





# ABOUT TECHTATVA

## OVERVIEW:

Techtatva is the technical and social event conducted by AAVESH, IIT Una. It marks days of absolute ecstasy providing participants a competing platform in technical, non-technical and some fun events. It is an avenue to be comforted from the routine life and to embrace the fun. Planned as a 'for the students, of the students, by the students' event, the festival is the most awaited event of the year.

## MISSION:

To promote Science, Technology, Engineering and Mathematics (STEM) activities to young people and the wider community.

1. A quality inclusive working environment which is responsive to a member's voice
2. Learning from the past mistakes and working together as a team for the betterment of the institution.
3. Setting an ideal "benchmark" for the coming year students regarding managing vital events of our institute.





# EVENT CALENDAR

19-12-2021	Last date to register and submit portfolio for Stonks - IIIT Una	
22-12-2021	Last date to register and submit abstract for Envision Ideathon	
24-12-2021	Envision Ideathon Round 1 results out	
Time	29-12-2021	30-12-2021
10:00 AM		Envision IDEATHON - ppt round
11:00 AM		
12:00 PM	Open Sesame! Starts	Open Sesame! Ends
1:00 PM	Tricky Circuits Round - 1	Tricky Circuits Round - 2
2:00 PM		
3:00 PM		
4:00 PM		
5:00 PM	Results of Tricky Circuits R1	
6:00 PM	Tech Trivia	What the meme!
7:00 PM		
8:00 PM	Code Chronicles	
9:00 PM		
10:00 PM		
31-12-2021	Results Declaration	





# ENVISION IDEATHON

**Objective:** The key motive here is to help develop a spirit of technical innovation and entrepreneurship by providing an appropriate solution to address some of the most pressing challenges of all time. Participants need to come up with a detailed solution using existing technologies for any of the given problem statements.

**Procedure:** An intensive and brainstorming event for students are encouraged to realise the needs of the present and hence promoting a gradual change in the ways we develop and use technologies.

**Platform:** Google meet

**Prize Pool – INR 6,000 /-**

- Winner- INR 2,500/-
- Runners up – INR 2,000/-
- 2nd Runners up- INR 1,500/-





# TRICKY CIRCUITS

## Overview

If circuits intrigue you, if electronics engineering is your passion, then you've come to the right place! Test your design, simulation, and hardware implementation skills with the real-life problems that we'll give you. The event will be performed in two rounds. Teams will be asked to give their submissions within the timeline. Teams will be judged on their skills.

**Platform-** <https://www.circuit-diagram.org/editor/>

## Structure-

Round 1 - 5 Problems (4hrs)

Round 2 - 3 Problem Statements (3hrs)

## Prize Pool – INR 4,500 /-

- Winner- INR 2,000/-
- Runners up – INR 1,500/-
- 2nd Runners up- INR 1,000/-

**Team size** - 1-3 members





# CODE CHRONICLES

## OVERVIEW:

Overview: Code Chronicles is a 3-hour long unrated coding event for students to evaluate their coding skills. This event is aimed to test problem-solving skills, knowledge of data structure and algorithms. This event lets you run through the waves of code smoothly and showcase your coding skills to stay ahead amongst your peers.

**Platform:** Codechef.

## Prize Pool – INR 3,000 /-

- Winner- INR 1,500/-
- Runners up – INR 1,000/-
- 2nd Runners up- INR 500/-





# TECH TRIVIA

## OVERVIEW :

If you have a good knowledge of Electronics and Computer Science fundamentals then this is the right time to test it and get some exciting prizes. The quiz will contain 15 Multiple choice questions based on the Electronics and Computer Science fundamentals.

These 15 questions will be divided into three Levels. Level-I will contain 8- Easy questions, level II will be comprised of 7 Medium questions & level- III will consist of 6 Hard questions. For questions in the level-I time allotted will be 15 mins, in the level-II time allotted will be 30mins, and for the level-III time allotted will be 40mins.

Each correct answer will earn 5 points.

**PLATFORM:** D2C

**PRIZE POOL: ₹1,500 /-**

- Winner- INR 700/-
- Runners up – INR 500/-
- 2nd Runners up- INR 300/-





# OPEN, SESAME!

## Overview

If you love messing around with riddles then this event will surely awaken the Sherlock in you. 'Open Sesame' is a classic fun event that will require the participating teams to decode the clue provided in PDF format. With each step, the team needs to decipher the riddles and crack the clue which will be the password for the next PDF. This could be the best possible way to integrate creative thinking with aptitude analysis.

## What to Do:

We will provide one starting clue to the team in pdf format. The team has to crack the clue.

This clue will be the password for the next pdf to open.

The team that cracks the maximum pdf will be declared the winner.

**Platform:** Discord

**Timeline:** 24 hrs non-stop event

**Prize Pools: INR 4,500/-**

- Winner- INR 2,000/-
- Runners up – INR 1,500/-
- 2nd Runners up- INR 1000/-

**Team size - 2-3 members**





# STONKS - IIIT UNA

"The most important quality for an investor is temperament, not intellect."

--WarrenBuffett

Ever thought of investing in the stock market but never tried because of no experience? If so, we have brought this event for you, where you can pick stocks and create your very own portfolio with the virtual money we provide you. Compete among other minds and create the best portfolio which provides the maximum return and wins the prize money.

In our event, we will provide you a platform to invest in some NSE stocks and create your portfolio which will be analyzed by us.

We will be searching for the best portfolio with the maximum return.

**Platform:** AAVESH Website

**Prize Pool – INR 3,000 /-**

- Winner- INR 1,300/-
- Runners up – INR 1,000/-
- 2nd Runners up- INR 700/-





# WHAT THE MEME!

## OVERVIEW:

To further expand the creative spectrum of Techtatva, we bring you "What the Meme!" an on-spot meme-making competition, where the contestant will be provided a theme/photo to make memes on. This will be a funny and dramatic competition where the winners will be decided on public vote and the best memes will be selected.

After the last round, the contestant with the most votes will be declared 1st, 2nd & 3rd place respectively.

## PLATFORM:

For meme submission – Google forms.

For voting – Google forms.

## PRIZE POOL- INR 1,500/-

- Winner- INR 700/-
- Runners up – INR 500/-
- 2nd Runners up- INR 300/-





# CONTACT US

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Connect to our social profiles

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