



IIITDM
KANCHEEPURAM

presents

2022

VASU
VASU

4TH & 5TH APRIL, 2022

EVENT BROCHURE



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ABOUT VASHISHT

Keeping with the spirit of design and innovation of IIITDM, our annual inter-college tech-fest, Vashisht, gave students the chance to come up with ideas and practical applications of the latest advancement of technology to make them a reality.

Vashisht 2022 in its third edition aims to expand this platform of engineering aspirations and allow all tech enthusiasts to showcase their intelligence and creativity capped in a highly competitive environment powered by an exhilarating mix of talent and skills. From robotics to entrepreneurship, coding to designing, this event will test contestants in a variety of fields. It promises to spark your passion for technology. Leading to launch you to the horizons of innovation.

We hope you'll help us keep that passion alive and participate in Vashisht 2022.



ABOUT IIITDM KANCHEEPURAM

Indian Institute of Information Technology, Design & Manufacturing, Kancheepuram enjoys the reputation of being a center of excellence promoting quality technical education, research, and training as well as encouraging the competitive advantage of Indian products in global markets.

Established in 2007 by the Ministry of Human Resource Development, the Government of India, it offers academic and research programs that integrate engineering design, manufacturing, and management with information technology.

IIITDM Kancheepuram endeavors to create a multidisciplinary academic environment to train manpower with skill sets appropriate for design, development, and prototyping using modern IT tools.

Strengthening the institute–industry interface and maintaining close cooperation with other academic and research institutions are the utmost priority of our institute.





PRIZES WORTH
₹1.8L+

CS CLUB

CTF

An online-offline treasure hunt event, where the technical computer knowledge would be used to decipher hints to locations in college where the artifacts would be hidden. First team to get all artifacts wins

HACK IT LIVE

Understand key security concepts and tag along with the host to explore the world of live simulated hacking. You shall learn to attack a machine over VPN in a secure environment to acquire root access!!!



CP CODING CONTEST-1

A Competitive Programming coding contest for all the students expect first years on the topics algorithms and data structures.

CP CODING CONTEST-2

A beginner level Competitive Programming coding contest for first year students on the topics algorithms and basic problem solving.



AUV SOCIETY

TRIUMPH

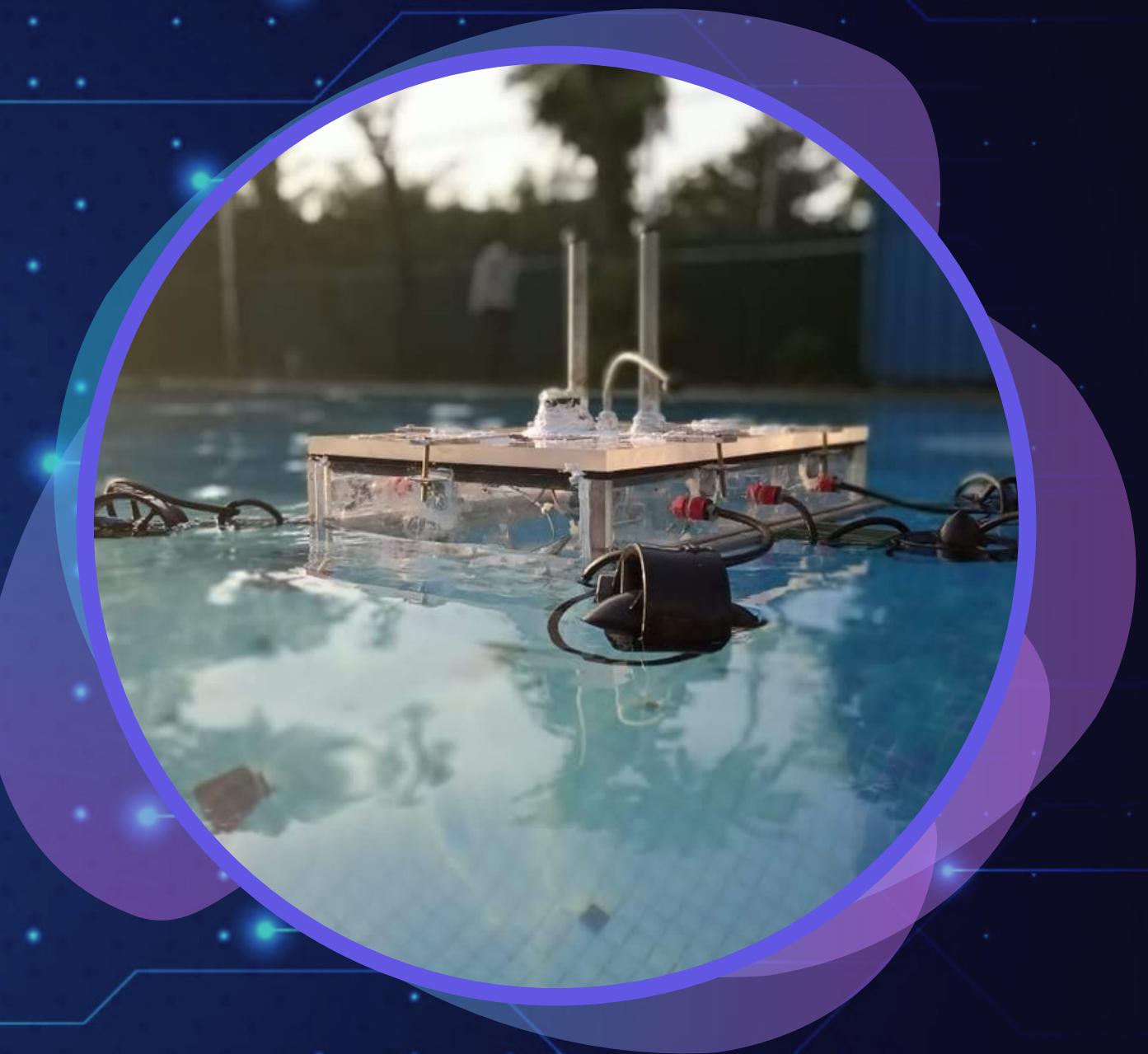
Imagination is the beginning of creation. You don't need a lot of components and do calculations for a simple surface vehicle. So, come, imagine it, create it and win this.

Vehicle are made using Craft Materials and Basic electronic kits along with a surprise treasure hunt.

REVELATION

Why shouldn't people be able to teleport wherever they want? VR - Virtual Reality can make this happen.

VR allows the 99.9% of people who have never dived, to uniquely experience the ocean - it's beauty and importance



EPIC

PITCHFEST - "PITCH ON PITCH"

Pitch on Pitch provides a splendid opportunity for the upcoming student entrepreneurs and aspiring start-ups to pitch their ideas in front of the esteemed juries and creates a holistic network with the investors.

MINDSET

An interactive talk session on the topic
“Entrepreneurial mindset towards life”.



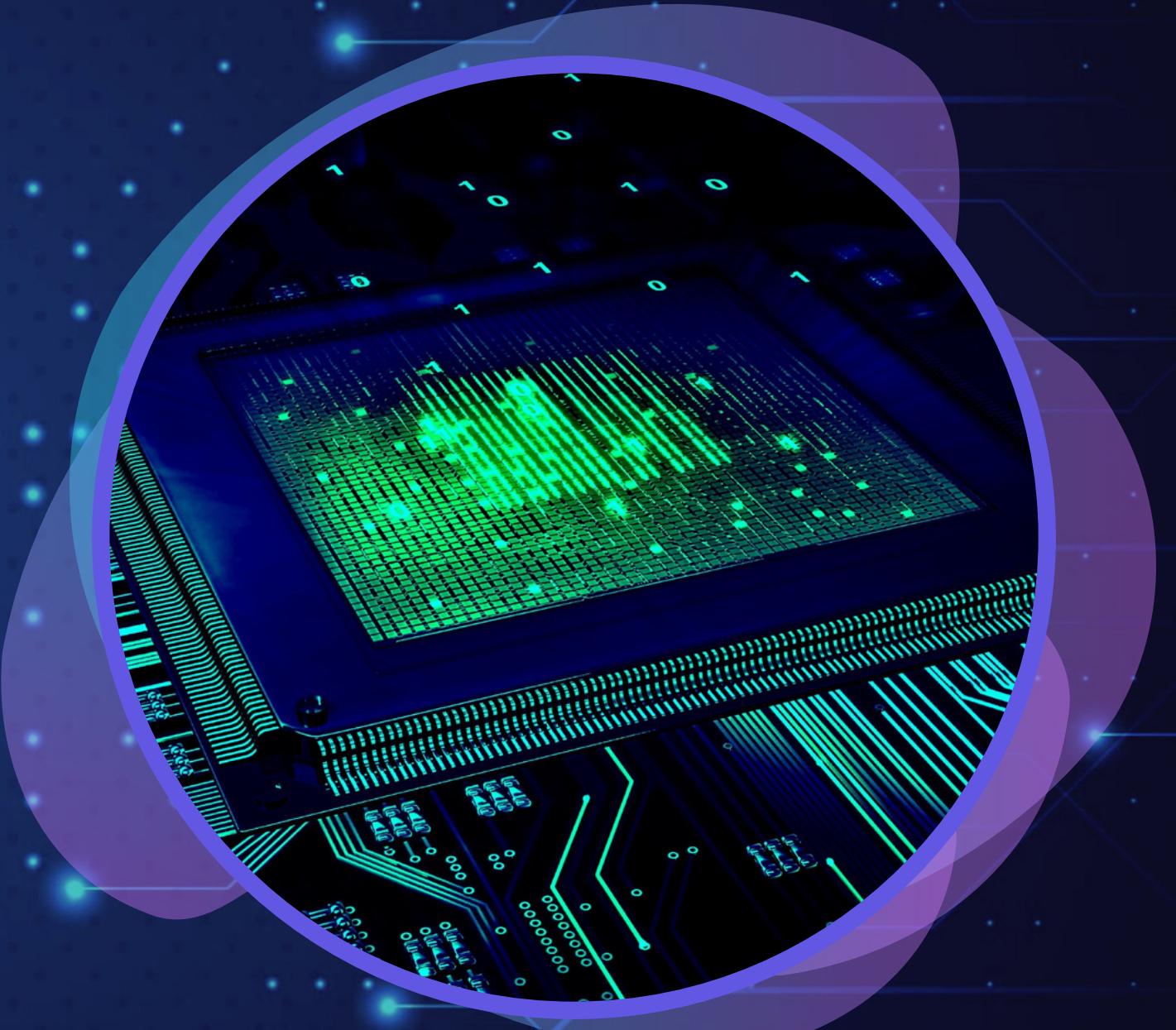
EDC

CIRCUITRONICS

A two stage circuit analysis competition
[each team can consist of 2-3 participants]

1st stage - Online quiz based on ICs, modern technology, finding output of a circuit and finding hidden components for given input and output.

2nd stage - Hands on event to complete incomplete circuits, to build circuits for given criterias and components, finding outputs .



LEAD AND FLUX

- Interactive pattern recognition event based on impedance and LED soldering event.
- Special team of 2 event for 1st and 2nd years.
- Participants will be scored based on perfection of soldering.

WHATS ABOUT WATTAGE

- A Workshop on voltage, current and impedance measurement.
- Hands on experience with multimeters and oscilloscopes.

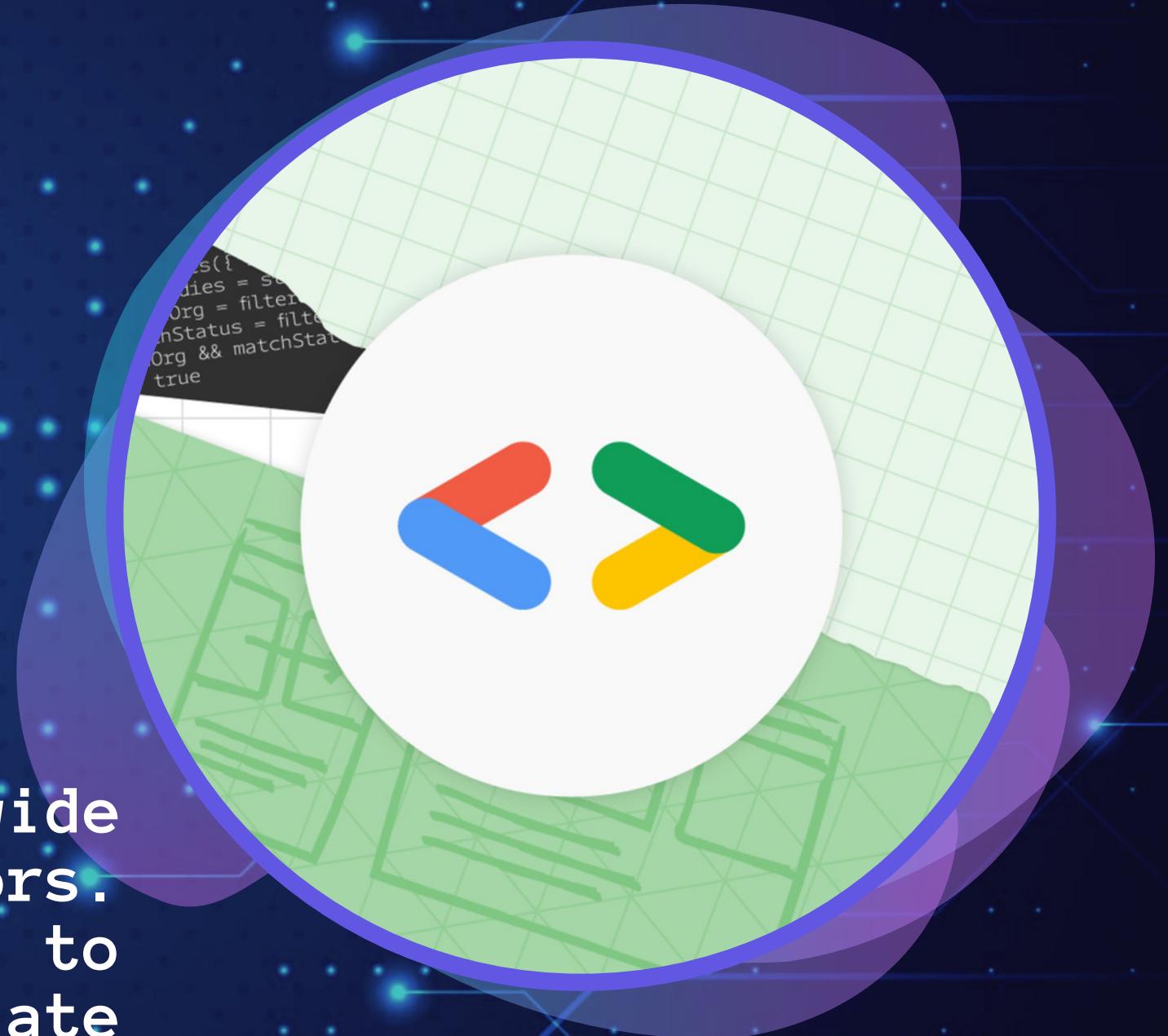
GOOGLE DEVELOPER STUDENT CLUB

IITDM HACKS

GSDC X CS Club bring you a 24 hour hackathon, to solve the real world problems faced a college like ours. Design, create and present your ideas at the grand platform of Vashisht 2022.

DESIGN OF SECURE SYSTEMS

Follow along the host to understand the wide range of attacks in modern-day microprocessors. Learn about these ingenious attacks and how to secure your devices from them or maybe initiate your own hardware attacks. The possibilities are limitless.....



LANGWARS

This is a first year only event and the participants are to replicate a given target with the smallest possible code. Participants are free to use all the resources during the competition.

DIRECTOR OR DATA SCIENTIST?

You will be given a problem statement along with multiple datasets with different data distributions. Participants are expected to build a model to accurately predict the results for the hidden test data.

IDC

ABSTRACT.

A fully online multi-stage Design Challenge. Students from any college across the country can participate.

Stage 1 – 10 teams will be shortlisted from the registered teams based on this preliminary round.

Stage 2 – Each team has to design a product based on the given design brief.

3D-PEN

A fun and engaging modelling event with the use of a 3D pen to unleash the creativity.



PUZZLE MANIA

A mini stall with custom made puzzles.
Exciting Challenges to do with friends
and have fun.

MIX AND MATCH

A fandom design challenge where each team has to deliver a concept design of a given fictional character's props based on the prompts.

TALK BY AN INDUSTRIAL DESIGNER

Mr. Gokul

Having completed a Master's Degree in Industrial Design in FDA Florence, Italy. Driven by passion, he co-founded Goku Studio an Industrial design and development agency based in San Juan, Puerto Rico to translate his experience from international firms like Walt Disney, Qmax Inc., to satisfy International clients through his creativity and unique ideas.

MARS

MARS ROVER EXHIBITION

This will be an open exhibition, where anyone can come and explore the Red Planet. There, we will explain what we do as a team, and why we are building the rover. Technological aspects of the rover being developed will also be displayed. Description about various teams, Competition we have participated. Also, we will demonstrate all the prototypes built so far.



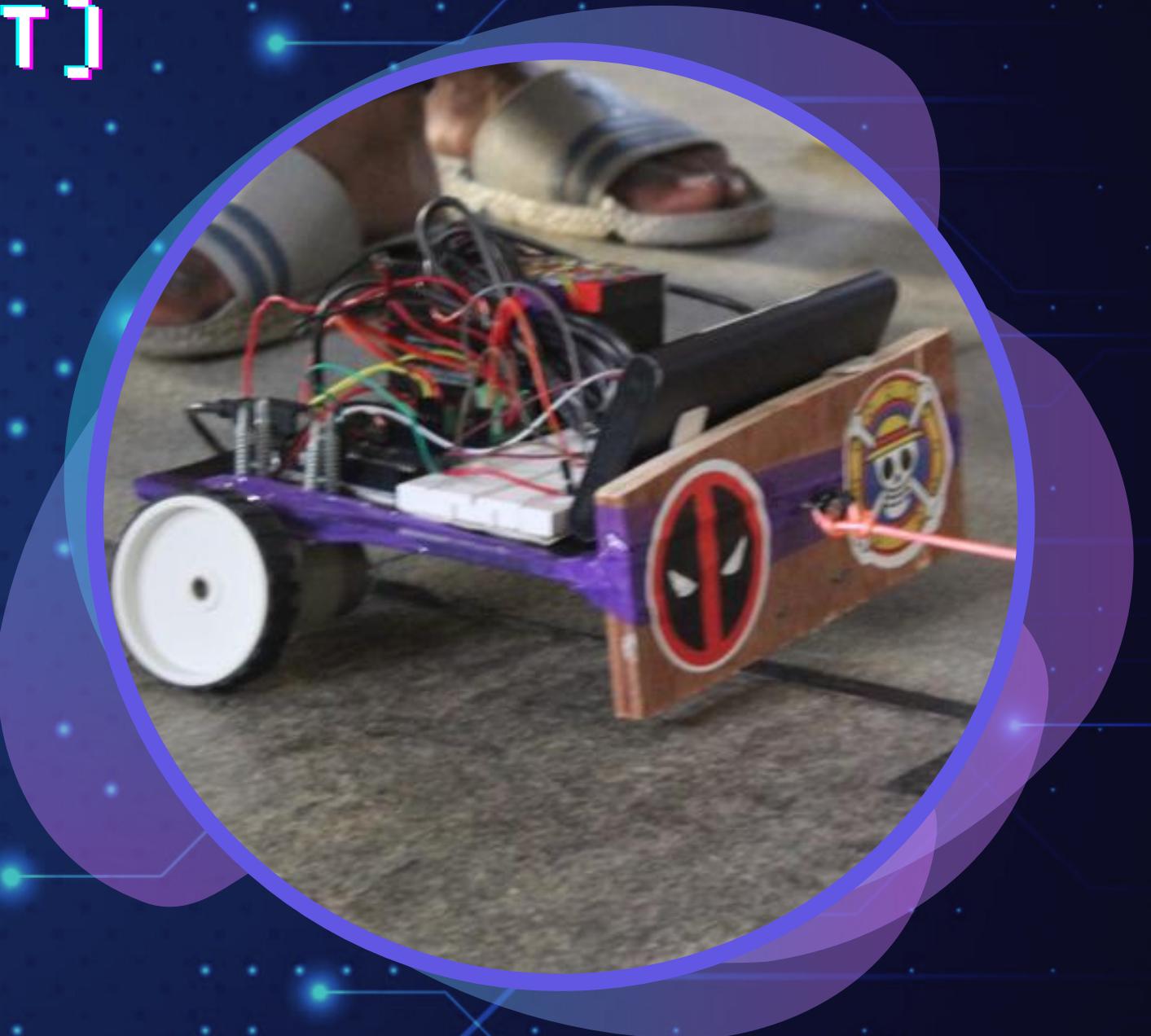
ROBOTICS CLUB

P2R2 (PICK & PLACE WITH 2R ROBOT)

A 2R serial manipulator is used to achieve the pick and place task. The same task should also be achieved in the simulation. The candidates would be aware of the problem statement and would be working on the project for over a month before the Vashist Tech Fest.

Performance of the hardware, simulation, and documentation would be considered to decide the winner.

[Each team consists of 3 participants.]



BLIND DRIVE

Candidates participate in teams consisting of 2 members each. One member will be blind-folded and must control a differential drive vehicle. The other member can see how the vehicle is behaving and will give oral instructions to the blind-driver. The objective is to complete the maze while avoiding obstacles. Time taken to complete the maze and obstacle avoidance would be the criteria for choosing the winner.

SAE

AERO-DESIGN

Participants are required to build or construct a compact aeroplane. The plane has to be made using any type of craft material. The competition will be held in a closed environment. Prepare your planes accordingly.

Different rounds in the competition:

1. Longest travel range
2. Highest flight time
3. Target hitting
4. Boomerang

Each team will be given 3 trials, the best out of them will be considered.

Participants can either contest individually or as a team.



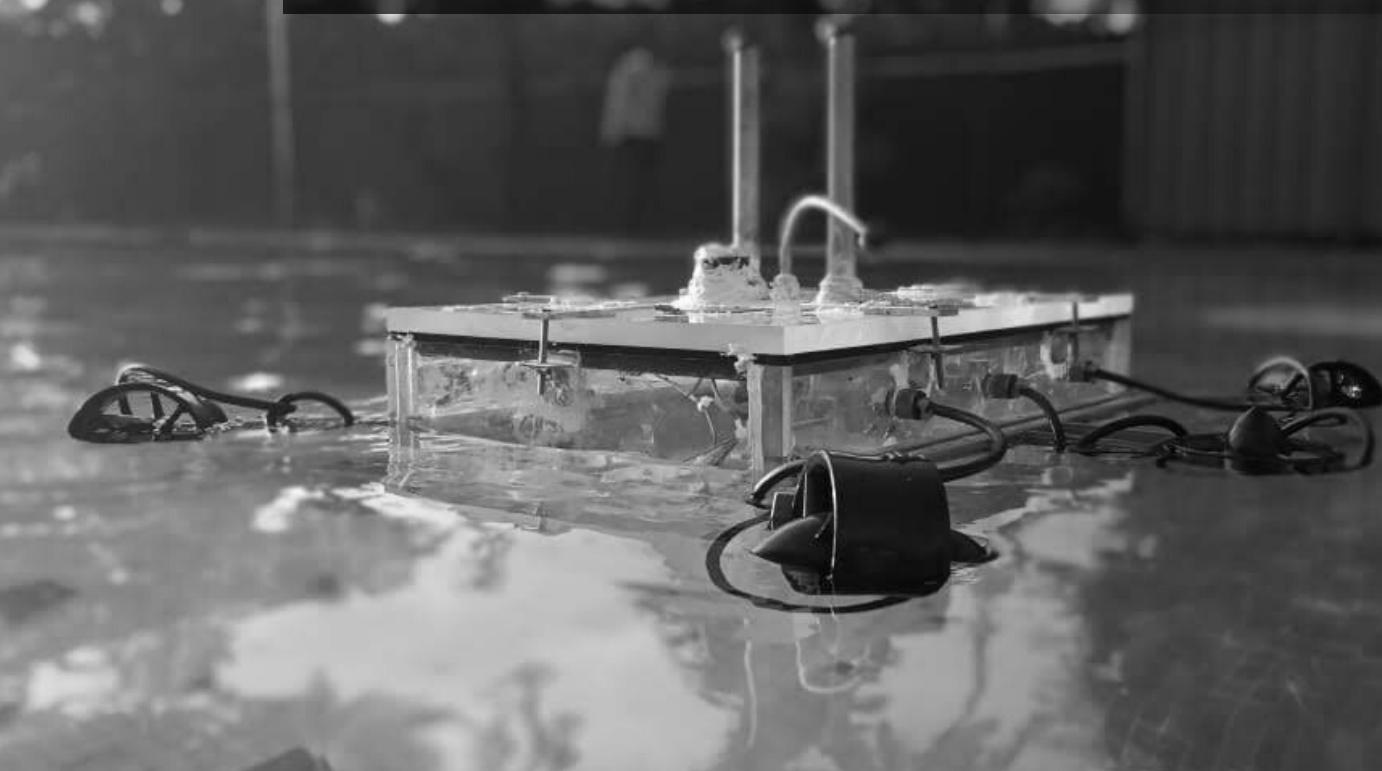
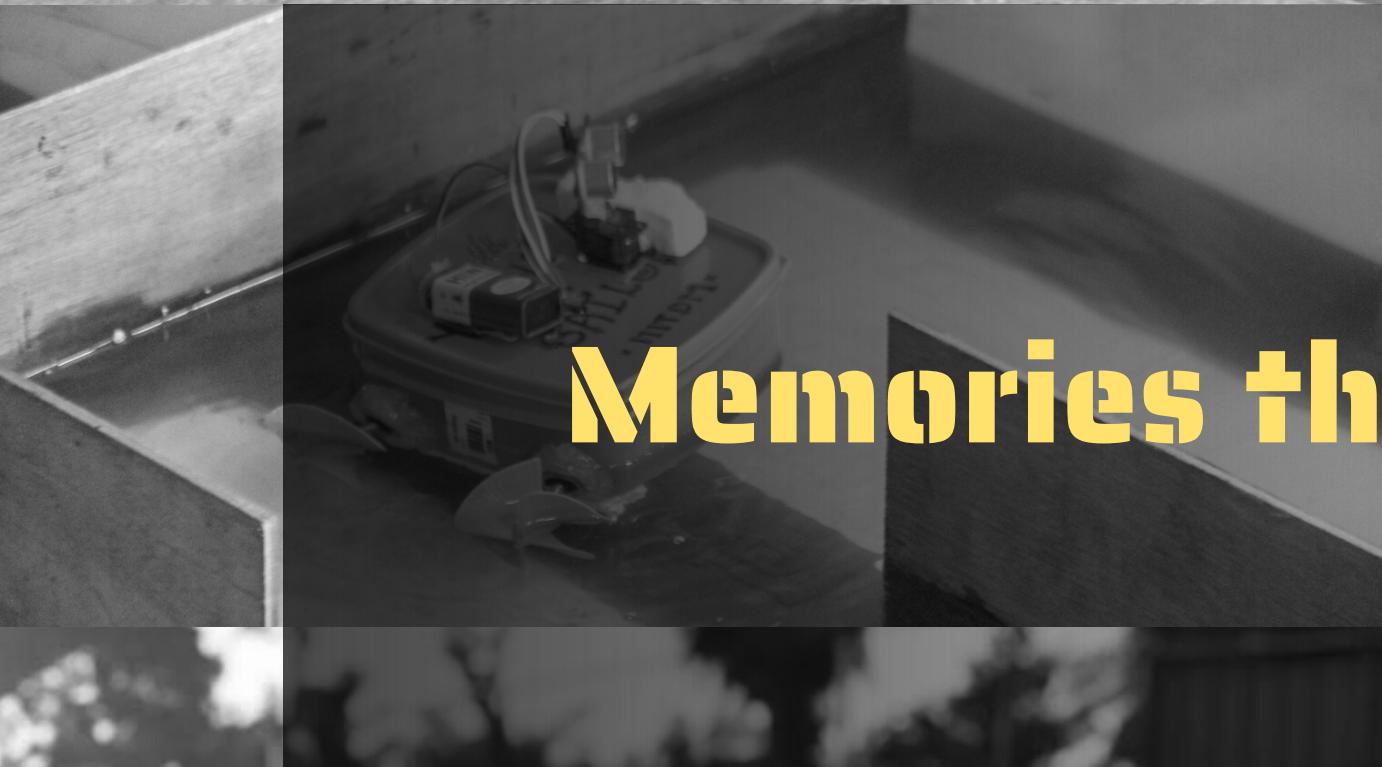
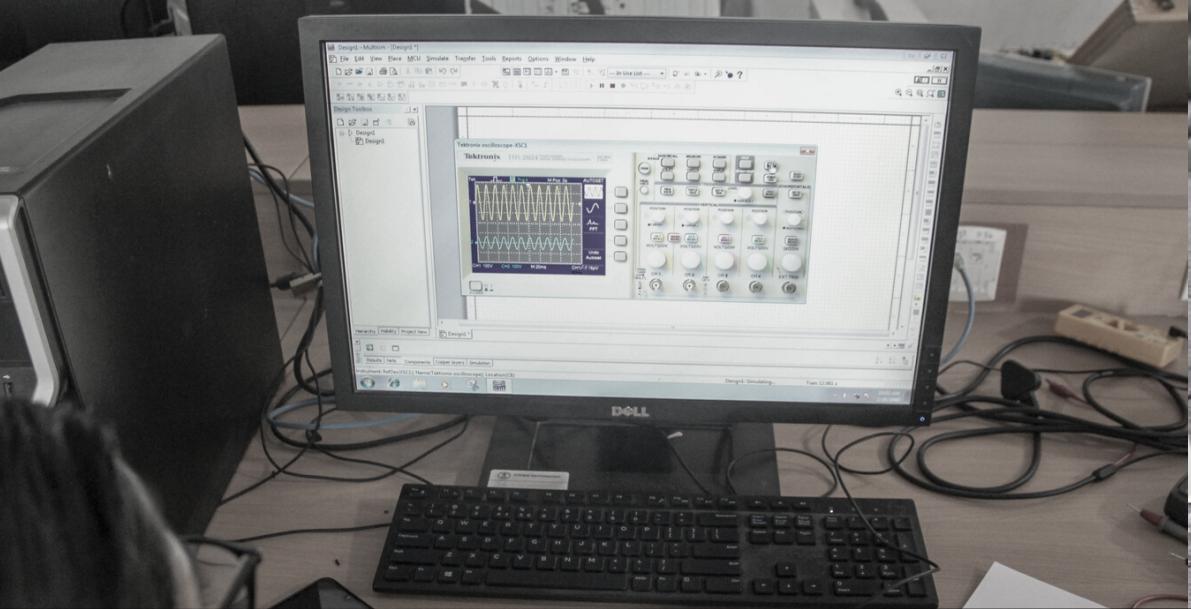
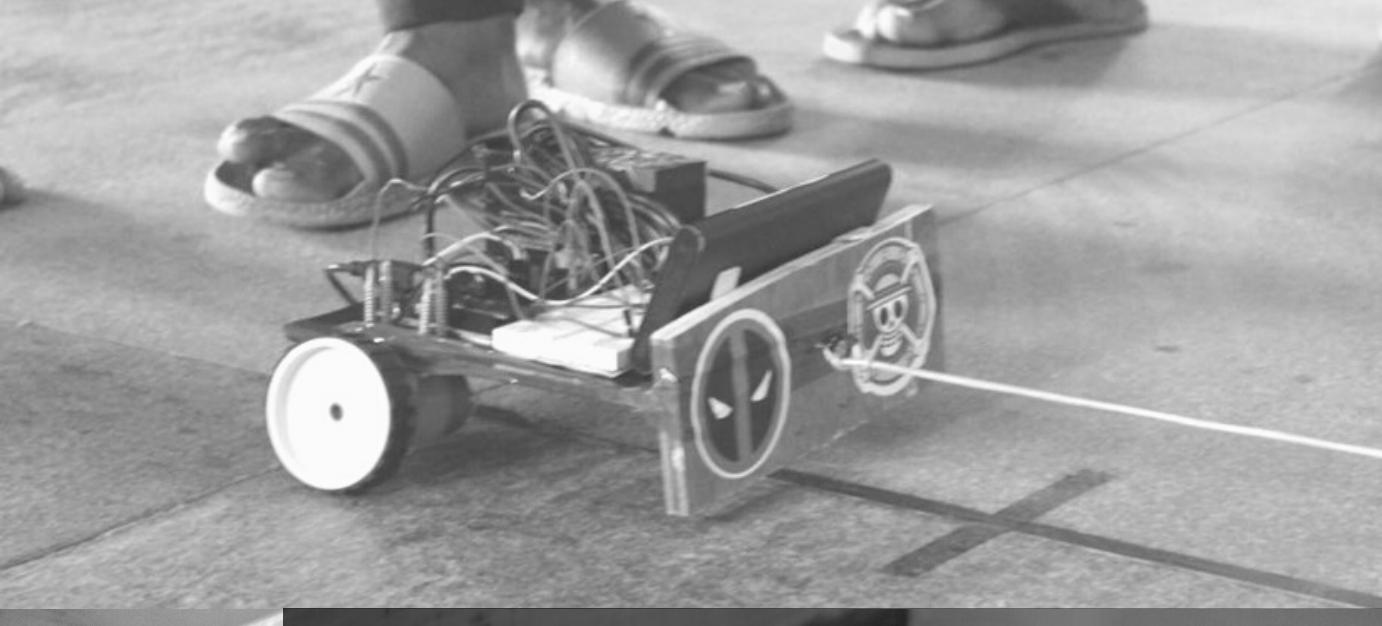
KARGIL AND ARGIL

People will be asked to recreate a 3-D object with clay.

They must build the mirror image of the object that is being presented to them.

Each team should complete their model within the given time





A GLIMPSE OF VASHISHT 2019

Memories that we will cherish forever. . .

CONTACT US

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