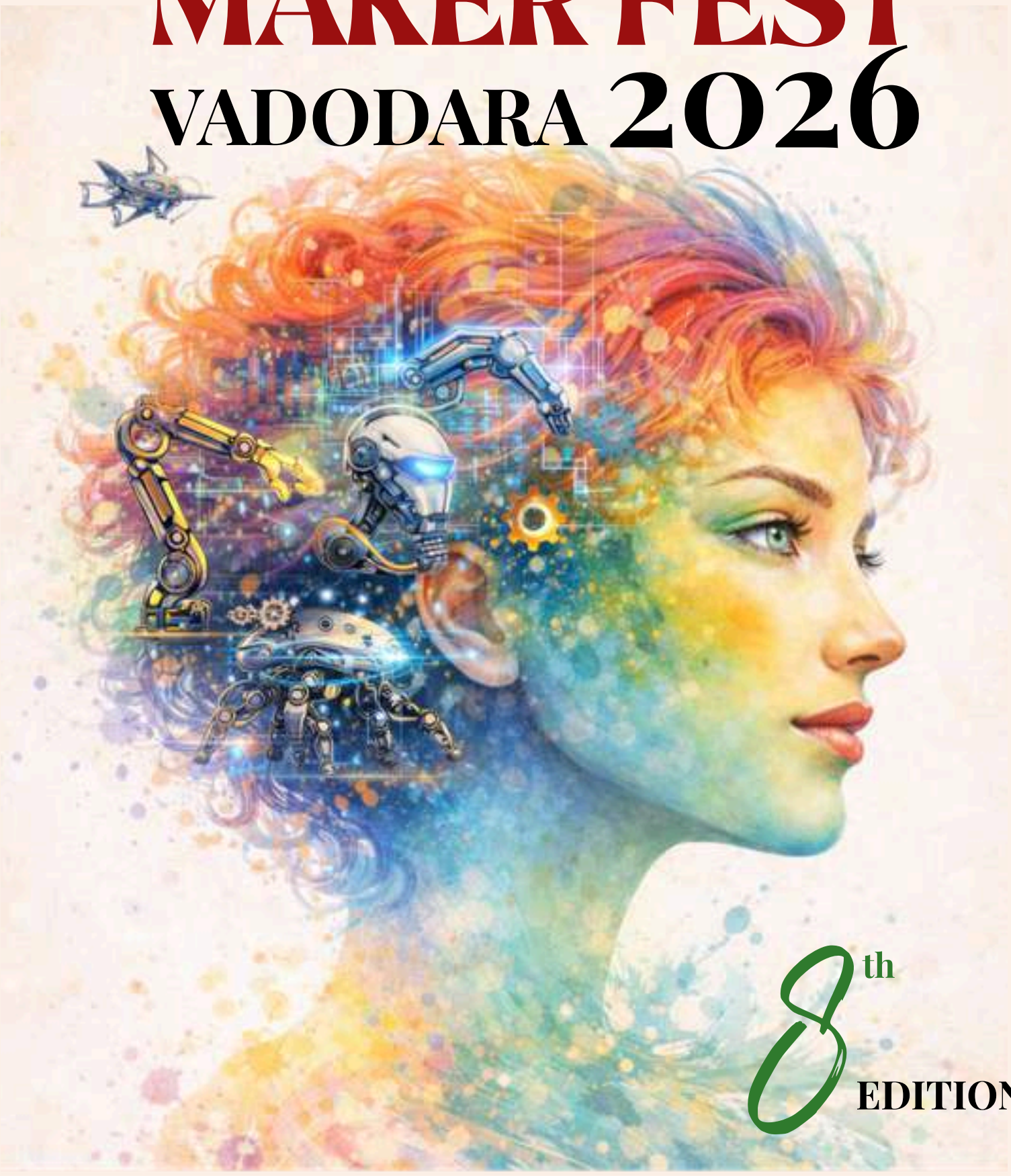
MAKER FEST VADODARA

Empowering Potential
YUVALAY MakerSpace
Yuvalay Charitable Trust

Vadodara Innovation Council

MAKER FEST
VADODARA 2026



8th EDITION

Cre8, Collabor8, Particip8, Celebr8

8th Maker Fest

A 2-day public festival that showcases hands-on projects, prototypes, workshops and competitions by makers – hobbyists, students, startups, artists and social innovators. It's the local, community-driven version of the global Maker Faire movement.

Cre8, Collabor8, Particip8, Celebr8

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From the Desk of H. T. Patel

Dear Friends,

It gives me immense pleasure to share that the 8th edition of Maker Fest Vadodara once again brought together a vibrant community of innovators, students, educators and curious minds who believe in the power of ideas and creativity.

The journey of Maker Fest Vadodara began with a simple spark when Smit Bhanushali from Yuvalay E-Lab participated in Maker Fest Ahmedabad in 2018, he was noticed by Ashaben Jadeja of Motwani Jadeja Foundation, USA.

She inspired to organize this in Vadodara where innovators could showcase ideas, learn from each other and receive guidance from mentors and experts. She sponsered Smit Bhanushali's USA visit for Maker Faire twice.

The 8th edition, organized by Yuvalay MakerSpace (Unit of Yuvalay Charitable Trust) in collaboration with the Vadodara Innovation Council (VIC) and with the support of The Maharaja Sayajirao University of Baroda (MSU) as venue partner, witnessed the strongest response so far. This year we received over 550 entries, the highest in the history of Maker Fest Vadodara. From these, 78 stalls were selected for exhibition, again the largest number so far. The festival also witnessed the highest prize money distribution since its inception.

A significant highlight of this edition was the launch of Maker Fest Juniors, which received an enthusiastic response from school students and educators. It was encouraging to see young minds stepping forward with creativity and curiosity at such an early stage.

Another distinctive aspect this year was the quality of projects. Most of the selected teams had clearly identified real-life problems and were able to demonstrate working proof-of-concept prototypes, reflecting a more mature and solution-oriented approach to innovation.

The entire event was managed by a small but highly dedicated team of student volunteers, who handled multiple responsibilities with remarkable commitment. Their participation provided valuable exposure to teamwork, situational leadership and real-world event management.

At this stage, I would like to express my sincere appreciation to the Core Committee members whose guidance and support were instrumental in organizing this edition:

Mr. Madhubhai Mehta
Mr. Ashish Bhavsar
Mr. Suresh Purohit
Mr. Snehal Sheth
Mr. Smit Bhanushali
Mr. Mehul Barot

My heartfelt appreciation goes to every maker who brought their ideas to life. Your curiosity and perseverance continue to strengthen this movement of innovation.

Warm regards,
H. T. Patel
Trustee
Yuvalay Charitable Trust

EDITORIALS

Capturing the Spirit of Making
Editorial Note

Events like Maker Fest Vadodara are full of ideas, creativity, and conversations that unfold over a short span of time. This magazine is an attempt to capture and preserve those moments to create a record of the makers, their projects, and the collective effort that made this edition possible.

Beyond documentation, this publication also aims to highlight the spirit of experimentation and problem-solving reflected in the projects showcased during the festival. The stories captured here represent curiosity, persistence, and the willingness to build something new qualities that continue to drive innovation among young minds.

The preparation of this magazine has itself been a collaborative effort. I would like to specially acknowledge the contribution of Yuvalay student interns, **Ms. Jasleen Kaur Sawhney & Mr. Aatman Dholakia**, who played a key role in content creation, organizing information, and coordinating the design and structure of the magazine. Their dedication and attention to detail were instrumental in bringing this publication together.

We are also grateful for the valuable support extended by **Mr. Mehul Barot** and **Ms. Purvi Shah** from **Vadodara Innovation Council (VIC),** whose guidance and assistance helped streamline the documentation process.

This magazine is therefore not just a compilation of pages, but a collective effort to record the creativity and energy that defines Maker Fest Vadodara.

Warm regards,
Snehal Sheth
Editor – Maker Fest Vadodara Magazine

Inauguration Ceremony

The inauguration of Maker Fest 2026 marked the beginning of a vibrant celebration of innovation, creativity, and collaborative learning. The ceremony was graced by an esteemed panel of guests including Mr. Prashant Kane, Prof. Dhanesh Patel, Prof. Sangita Shroff, Mr. Urav Patel, Mr. Shaunak Patel, Mr. Kedar Pandya, Dr. Madhubhai Mehta and Mr. Jagdish Shukla whose presence added depth and perspective to the occasion.

The ceremony went beyond a traditional inaugural ritual, reflecting the true spirit and intent of Maker Fest. It was envisioned as a platform where ideas are not just discussed but brought to life where curiosity is encouraged, and innovation is actively practiced. The dignitaries, through their addresses, highlighted the growing need for interdisciplinary thinking, hands-on learning, and the courage to experiment in an ever-evolving world.

Adding a cultural and experiential dimension to the inauguration, the play “Innovation ni Bhavai” creatively showcased the transformative power and growing significance of artificial intelligence and technology in today’s world. This was followed by an energetic band performance and parade conducted by the students of Baroda High School, bringing a sense of enthusiasm, discipline, and celebration to the occasion.

At its core, the inauguration aimed to ignite a mindset shift among participants from passive learners to active creators. It reinforced the belief that meaningful change begins when individuals take initiative, collaborate across domains, and transform ideas into tangible solutions.

Setting the tone for the days ahead, the inauguration established Maker Fest as a space driven by purpose where creativity meets responsibility, and innovation is guided by impact.

“Because at Maker Fest, ideas don’t just begin, they take shape, find purpose, and move the world forward.”

Technology & Hardware

"Science is a beautiful gift to humanity; we should not distort it."

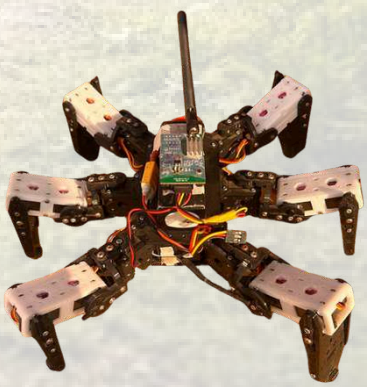
A. P. J. Abdul Kalam

Dro-Bot

Dro-Bot is an advanced modular robotic system designed for surveillance, spying, and reconnaissance missions. It uniquely combines three mobility modes in one unit: a quadcopter drone for aerial monitoring, a hexapod walker for moving across rough terrain, and a rover for fast ground operations. Built using lightweight carbon fiber and 3D-printed parts, it is durable and easy to reconfigure.

Dro-Bot is equipped with high-resolution cameras, thermal imaging, and night vision, ensuring excellent situational awareness. Controlled through intelligent software, it enables real-time data transmission, reduces operational costs, and improves safety by limiting human presence in dangerous environments.

A project by:
Krishna Raval
Dev Nagar



Laser engraving machine

An innovative machine has been developed to engrave names or text onto wooden blocks using laser technology. The system accepts user commands through a simple interface and precisely controls a laser to engrave the desired text. The project demonstrates the practical application of automation, programming, and laser technology.

A project by:
Baraiya Abhishek
Sahil Saini
Shubham Patel
Aryan Mistry

AQUAVERSE

AquaVerse by Eustance Technology showcases innovative marine and amphibious systems for underwater and river applications. The exhibit features a two-man river crossing vehicle, underwater ROV, subsea scooter, specialized components, and an RC lifeboat. Interactive demonstrations highlight underwater control systems, promoting exploration of robotics, hydrodynamics, and future marine technologies.

A project by:
Ravindrasinh Solanki
Ishita Solanki
Preetkumar Kaka

Lairak AI Telematic

Lairak AI has developed an intelligent accident detection and emergency response device designed for Indian road conditions. Using multi-sensor fusion, including IMU, GPS, camera, and microphone data, the system detects accidents in real time and sends SOS alerts with location details, enabling faster emergency response and improved road safety.

A project by:
Amit Patel
Kishor Kumar Naik

IoT BasedSmart Door Lock System

A smart door security system enables access through multiple authentication methods, including PIN entry, fingerprint verification, and a mobile application. This multi-access design enhances both security and convenience. By integrating biometric authentication, manual backup, and remote control, the system demonstrates a modern, flexible approach to secure access for homes and workplaces.

A project by:
Vraj Patadia
Vrushil Mali
Jay Thakkar

PROTSAHAN

NeuroGrip is a cost-effective hand rehabilitation system designed for patients recovering from injuries, surgery, or age-related loss of hand function. Using a laptop and webcam, it tracks hand movements and guides therapeutic exercises. Machine learning provides real-time feedback, making rehabilitation more accessible, precise, and convenient for home or clinical use.

A Project by:
Ayushi Rathore
Vinit Goswami
Arya Premsuthan

Convertible Electric Wheelchair

This project presents a convertible electric wheelchair system that upgrades a standard wheelchair without mechanical modification. A modular drive adapter attaches within two minutes, enabling motorized movement through a joystick or mobile app. Powered by hub motors and a Li-ion battery, it provides safe, affordable, and convenient mobility.

A project by:
Rohit Kumar Sahu

Print & Go

Print&Go is a self-service printing vending machine offering 24×7 secure and affordable printing. Users upload documents, pay digitally, and instantly collect prints through encrypted processing. The system removes queues and irregular pricing while supporting Digital India's vision, providing convenient printing access for professionals and public spaces.

A Project by:
Jishnu Thacker
Rikin Parekh
Jayesh Gautam
Devesh Kotak

CAKE

CAKE is an award-winning companion robot that transforms from a desktop assistant into a self-balancing racing robot. It displays animations, reminders, and utilities in companion mode, and switches to racer mode for gameplay. Built on an ESP32 with a modular design, CAKE promotes accessible, repairable, and engaging robotics innovation.

A Project by:
Pavan Kalsariya
Rishav Patra
Ayushi Pandey

Techie SMS

Techiesms is a technology initiative focused on embedded systems, AI integration, and interactive hardware design. Its projects demonstrate practical applications of computer vision, sensors, and human–machine interaction on compact hardware, highlighting efficient, affordable solutions and making advanced technologies more accessible for real-world engineering applications.

A Project by:
Sachin Soni
Maulik Makwana
Shubh Jaiswal
Dev Bhavsar

Brahma Chatter

Brahma Chatter is an innovative educational toy that promotes decision-making, critical thinking, and moral learning through interactive, screen-free storytelling inspired by Indian epics. Featuring mission cards, puzzles, and character models, the system encourages thoughtful play while helping develop memory, reasoning, patience, and cultural awareness in an engaging way.

A Project by:
Sarveshkumar Maurya
Tarsh Rathod
Karan K Parmar
Pallavi Upadhyay

Maker Bhavan, IIT Gandhinagar

Makerspaces are revolutionizing classroom learning in India by encouraging innovation through hands-on, project-based education. Maker Bhavan at IIT Gandhinagar strongly promotes the “makerspace movement” and the philosophy of “learning by making,” where undergraduate students work every semester on solving real-life problems with meaningful social impact.

FIRE FIGHTING DRONE

One major project is a low-cost indigenous fire-fighting drone designed to combat fires in high-rise buildings. The drone can reach heights of up to 30 feet and is connected to a ground-based water supply system to spray water effectively. Its innovative screwless lightweight frame improves structural strength while reducing overall weight, making it efficient, stable, and easier to assemble or maintain.

MAKER BOT

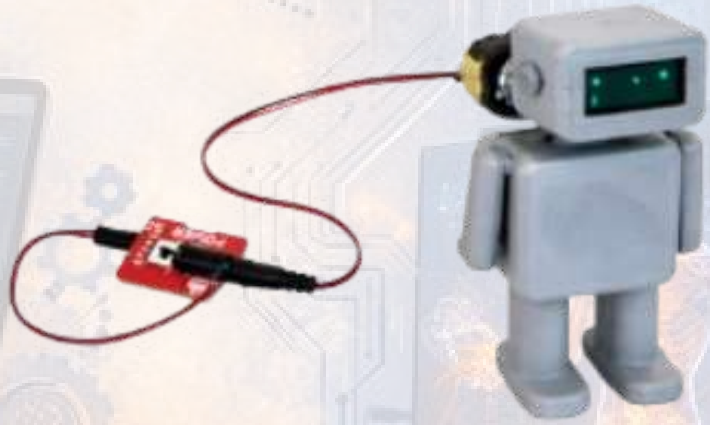
MakerBot is an interactive humanoid robot built using animatronics, open-source electronics, and AI tools. It communicates with humans, responds intelligently, and demonstrates real-time human–machine interaction. The project integrates mechanical design, embedded systems, and artificial intelligence, highlighting practical engineering solutions that emphasize automation, affordability, and indigenous innovation.

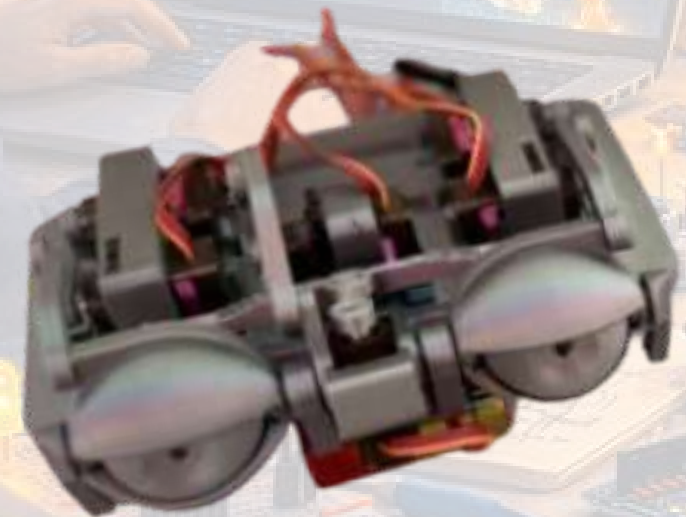
A project by: **Anurudh Mali**
Saksham Chaurasia
Vishwa Shah
Harsh Sachala

EMBEDDER

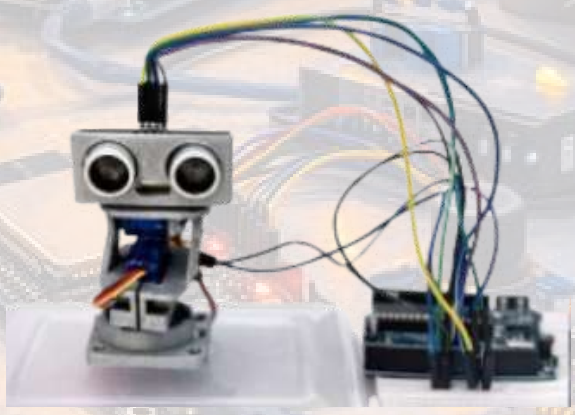
Embedder is an AI-powered, agentic Integrated Development Environment (IDE) built specifically for embedded systems developers. It transforms the way real electronics projects are designed and programmed by automatically generating code using artificial intelligence. Instead of manually writing complex firmware, developers can describe their idea, and Embedr helps turn it into working, hardware-ready code within minutes.

The platform works seamlessly with real components such as ESP32, Arduino boards, sensors, displays, and various embedded modules. It understands hardware connections, pin configurations, and common development frameworks, enabling faster prototyping and smoother debugging.





By combining AI intelligence with embedded hardware workflows, Embedr reduces development time, simplifies coding, and helps makers, students, and professionals turn their ideas into fully functional electronics projects—faster and smarter than ever before.



A Project by: Rishabh Sinha

Health and Tech Blend

The wearable Fall Detection and SOS Alert Device is designed to improve the safety of seniors and patients by monitoring movement and detecting sudden falls. In case of inactivity after a fall, it sends emergency SMS alerts with location details to caregivers. Simple, independent, and affordable, the device ensures timely assistance during critical situations.

A project by:
Maitry Patel
Devanshi
Patel Manush
Desai Kavisha Bhagat

Autonomous Surveliance Robot

This project presents an autonomous surveillance robot developed for advanced security applications across campuses, institutions, industrial zones, and border areas. Equipped with integrated sensors, it detects fire and poisonous gases while sending instant alerts. With depth-camera–based object detection, 360° live monitoring, and LiDAR-assisted navigation, the system enables safe, intelligent, and continuous surveillance operations.

A Project by:
Meet Patel
Khushi Undhad
Aryan Jariwala
Tisha Maniar

Panel Discussion

Shark Tank

“Pitch. Impress. Convince.” the Shark Tank Panel Discussion at Maker Fest 2026 brought this spirit to life, creating a space where ideas met opportunity and innovation met investment.

The session featured an experienced panel including Kanishka Patel (Founder and CEO at WeHear), Rahil Shah (Executive Assistant at Canvaloop), Mayank Patel (Co-Founder and COO at Imagine Powertree), and was steered by moderator Abhilasha Vyas.

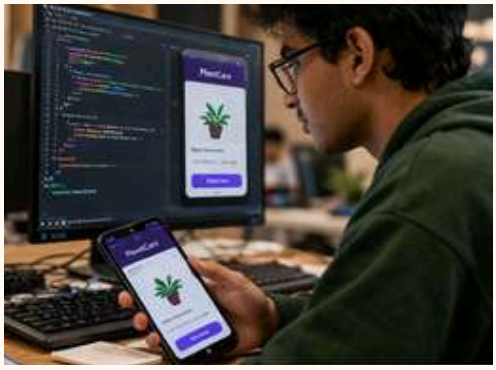
Designed to replicate the intensity of real-world pitching rooms, the discussion gave young makers a front-row experience of what it truly takes to stand in front of investors and make their ideas count. From crafting a powerful pitch to clearly defining the problem, solution, and market potential, the panelists broke down the art of turning concepts into convincing narratives.

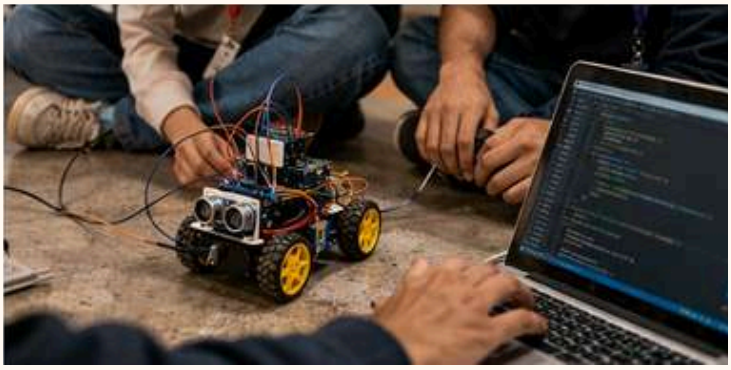
The conversation went beyond just what to say and focused on how to say it. Participants gained insights into approaching investors, building credibility, and confidently answering tough questions, turning pressure into performance.

More than just a session, it was a mindset shift, encouraging young innovators to think like founders, act with clarity, and present with conviction.

“Because in the world of innovation, it’s not just about having an idea, it’s about making others believe in it.”

Technology Software

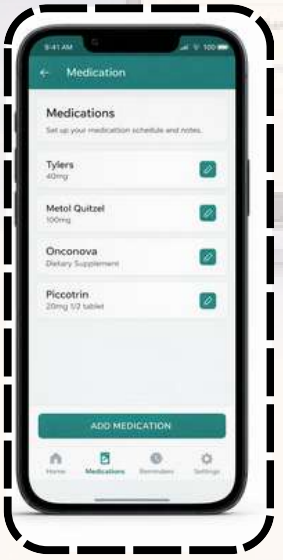




"The essence of science is independent thinking, hard work, and not equipment."

C. V. Raman

MediBrief



MediBrief is a digital health record platform designed to store and access medical information securely and conveniently. Functioning like a DigiLocker for health records, it allows documents to be shared through WhatsApp and Telegram. Using OCR, translation, and automation, it organizes reports digitally while an AI chatbot helps retrieve summaries and records easily.

A Project By:
Aditya Singh
Reena Salunkhe
Faikaf Ahmad
Dennis Chacko

VaaniMitra

VaaniMitra is an AI-powered language learning platform designed to support the learning of more than 13 Indian languages through interactive and practical methods. It uses neural translation and real-time speech recognition to improve pronunciation and comprehension. With structured levels, practice modes, and progress tracking, the platform makes language learning engaging, accessible, and effective.

A Project by:
Puja Rachchh
Tithi Radia

Companion AI

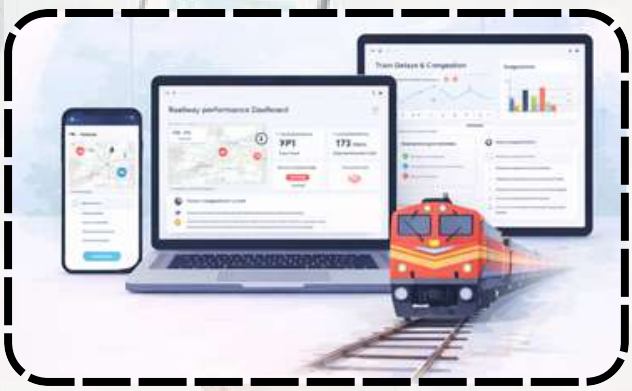
Companion AI is a smart retrieval-augmented system designed to simplify access to appliance information. By combining multiple manuals into a unified knowledge base with semantic search, it allows quick retrieval of instructions through a simple QR code scan. With integrated user and admin panels, the platform provides efficient, AI-driven appliance support.

A Project by:
Rishi Thakkar
Malay sheta

VyuhMitra

VyuhMitra is a data-driven platform designed to optimize railway operations by analyzing delays and identifying their root causes. Using real-time and historical data, it highlights key performance indicators such as punctuality, turnaround time, and congestion levels. The system also recommends practical solutions to improve scheduling, routing, and overall operational efficiency.

A Project by:
Patel Dhruv
Soni Aaryan
Prerak Patel
Tanjil Vohra



Mudraસેતુ

Mudraસેતુ is an AI-powered browser-based system that translates Gujarati Sign Language into readable Gujarati text in real time. Using a webcam, it captures gestures and converts them into accurate text with a confidence score. Simple, accessible, and affordable, the platform promotes inclusive communication and helps reduce everyday barriers for the hearing-impaired community.

A Project by:
Jay Khetani
Arya Kayastha
Pratham Parmar

Ravvya

Ravvya is an AI-powered call automation system designed to help businesses manage customer interactions efficiently. It handles incoming calls, understands requests, and automatically books, reschedules, or cancels appointments. By ensuring quick responses and reducing manual workload, Ravvya improves customer experience while providing a cost-effective solution for smarter business communication.

A Project by:
Krishil Thakkar
Gaurav Darji
Bhautik Gajipara

PlaceMentor AI

PlaceMentor AI is an AI-powered platform designed to support placement and career guidance using real placement data. It provides interactive dashboards, placement insights, company recommendations, and an AI chatbot for quick career-related assistance. By organizing placement information into one system, the platform enhances transparency, preparation, and informed decision-making.

A Project by:
Naseta Delawala
Krisha Thakor

SafeHer

SafeHer is an AI-powered personal safety and wellness system designed to support women in risky situations. It integrates a discreet SOS device with a mobile app to provide emergency alerts, live location sharing, and safety monitoring. With AI-based risk prediction and wellness support features, the platform promotes confidence, security, and well-being in everyday life.

A Project by:
Sunny Radadiya
Aayush Tilva
Palak Dave
Prisha Hadvani

QuickLearn AI

QuickLearnAI is an AI-powered educational platform designed to make learning faster and more effective. It provides instant explanations, summaries, and interactive study resources such as question banks, video-based quizzes, and mind maps. By enabling direct interaction with study materials, the platform enhances understanding and supports efficient, personalized learning.

A Project by:
Raj M Shah
Bhavya G Prajapati
Nandit L Kalaria

QuickLearn AI

AI-POWERED EDTECH PLATFORM FOR EDUCATION & INOVATION

An AI-powered EdTech platform built for students and educators

What is QuickLearn AI?

QuickLearn AI is an intelligent learning platform that personalizes education using Artificial Intelligence. It helps students learn smarter and teachers teach better through adaptive content, practice, and real-time insights.

The Problem

- One-size-fits-all teaching methods
- Struggling students & low engagement
- Limited real-time performance tracking
- Heavy workload for teachers

For Teachers

- Auto-generate quizzes & assignments
- Track performance & learning gaps
- Monitor student focus & engagement.
- AI-powered lesson planning

Connect us: quicklearn.nai@gmail.com

For Students

- Personalized learning paths
- Concept clarity with AI Q&A
- Instant feedback &
- Concept clarity with AI Q&A
- Practice tests & quizzes
- Instant feedback & progess tracker

For Teachers

- Auto-generate quizzes & assignments
- Track performance & learning gaps
- Monitor student focus & engagement.

What Makes QuickLearn AI Different?

- Adapts to student learning style
- Focuses on learning outcomes, not just answers
- Saves time for students & teachers
- Encourages interactive & continuous learning
- Saves time for students & teachers
- Encourages interactive & continuous learning

Workshops & Sessions

Maker Fest 2026 curated a series of thoughtfully designed sessions and workshops aimed at nurturing not just technical skills, but also the mindset required to innovate responsibly and creatively.

Building a Balanced AI Mindset – Karandeep Singh Grover

The session focused on developing a conscious and informed approach towards artificial intelligence. It encouraged participants to look beyond the hype of AI and understand its ethical implications, real-world applications, and the importance of balancing innovation with responsibility, while promoting thoughtful and value-driven use of technology.

Interactive Workshop – Centre for Creative Learning

This interactive workshop engaged both teachers and students in hands-on learning experiences. It emphasized experiential education, demonstrating how creativity and curiosity can transform classrooms into spaces of exploration, collaboration, and innovation, making learning more engaging and meaningful.

Interactive Workshop – Centre for Creative Learning

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Waste to Best – Aniruddh Mali

Adding a sustainability-driven dimension, this session inspired participants to rethink waste as a resource. Through practical insights and creative approaches, it highlighted how innovation can contribute to sustainable solutions, encouraging responsible living and environmentally conscious practices.

Core Philosophy Reflected

Together, these sessions reflected the core philosophy of Maker Fest—holistic learning that blends technology, creativity, and social responsibility, reinforcing the idea that true innovation lies in creating mindfully, creatively, and responsibly.

"Because true innovation is not just about creating more, but about creating mindfully, creatively, and responsibly."

Environment

"Ecology is permanent economy."

Sunderlal Bahuguna
(Chipko Movement leader)

Fashion with better environment

These sustainable outfits are created using old clothes, scrap materials, and fabric patches through the process of upcycling. The project highlights fashion as a form of creative expression that respects the environment. By transforming discarded materials into unique designs, it reduces textile waste and promotes conscious, environmentally responsible fashion.

A Project by:
Maitri Khairnar
Maitri Raval
Roshni Sundhesha
Prachi Vadodara

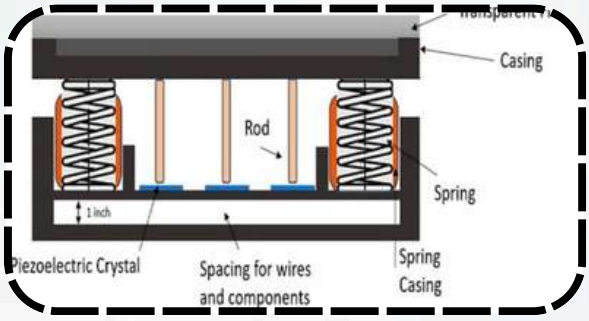
UnBubble

UnBubble addresses plastic pollution and agricultural waste by converting agri-waste into biodegradable packaging solutions. Its plant-based materials replace thermocol and plastic bubble wrap with sustainable alternatives such as compostable foam and water-soluble packaging peanuts. By combining innovation with sustainability, the project supports eco-friendly packaging for industries while reducing environmental impact.

A project by:
Adesh Ghisare
Akash Singh
Pranav Adalaja
Sneha Rawal

PIEZEN

PIEZEN is an innovative kinetic flooring system that generates electricity from human footsteps by converting mechanical pressure into electrical energy. Each tile uses a rack-and-pinion mechanism along with piezoelectric plates to produce power when people walk on it. This energy can be used to light LEDs, power sensors, or be stored in batteries. Designed to be low-cost, modular, and easy to install, PIEZEN is ideal for high-footfall areas such as colleges, festivals, events, and public walkways. The project demonstrates how everyday movement can become a renewable micro-energy source, inspiring sustainable thinking and smart urban solutions.



A project by:
Forum Vaghela
Shakshi Patel
Umar Saiyed

Musical night

Hiren Chokshi & Team

Ayurveda

"Ayurveda teaches us to cherish our innate nature—to love and honor who we are."

Dhanvantari
(Ayurvedic deity)

CHANDRA DRISHTI GOGGLES

Chandra Drishti Goggles are an innovative Ayurvedic eye-care solution designed to address dark circles, puffiness, dryness, and fine lines. Made with a hydrating hydrogel infused with herbal ingredients, they provide soothing relief and improve circulation around the eyes. By combining Ayurvedic knowledge with modern design, the product promotes natural eye wellness and rejuvenation.

A project by:
Dr Anitha Hosur

MARMAEASE PEN

MarmaEase Pen is a therapeutic device inspired by Ayurvedic marma science, designed to provide natural pain relief through precise pressure on vital body points. With a controlled mechanism and interchangeable tips, it ensures safe stimulation and improved circulation. By combining traditional knowledge with modern design, the device offers a simple and effective wellness solution.

A project by:
Dr Gourav Biswas
Dr Hetvi Bhadigar
Dr Arpit Valand
Dr Rohit Gohel

NeuroTonex TD Patch: Targeted Strength Restored Function

NeuroTonex TD Patch is an Ayurvedic transdermal therapy developed to support recovery in post-stroke conditions affecting muscle and nerve function. By delivering herbal extracts through the skin, it improves absorption and provides sustained therapeutic action. Combining traditional medicine with controlled-release technology, the patch promotes muscle strength, nerve support, and rehabilitation

A project by:
Dr Sangeeta H Toshikhane - Dr Melody Laishram - Dr Rashmi Gabhane.

CIRCADIAN

Relaxora Procap is a smart head massager that combines Ayurvedic Shirobhyanga techniques with modern technology to deliver personalized relaxation. With multiple therapy modes and mobile app control, it helps reduce stress, improve blood circulation, and promote better sleep. The device offers a convenient and technology-enabled approach to holistic wellness and relaxation.

A project by:
Kalgi Ruparelia
Keval Dafda
Hitanshi Deliwala
Aashish Blesson

AERIVIA

AERIVIA is an Ayurvedic–scientific facial mist designed to shield skin from pollution and daily environmental stressors. Infused with potent botanical extracts, it works to neutralize free radicals, reinforce the skin's natural barrier, and restore essential hydration. The formulation blends traditional Ayurvedic wisdom with modern science to deliver a soothing and effective skincare solution. Ideal for urban lifestyles, AERIVIA helps reduce irritation, calm sensitive skin, and maintain a healthy glow. With regular use, it supports stronger, more resilient skin, making it better equipped to face harsh external conditions while feeling refreshed, balanced, and revitalized throughout the day.

A project by:
Dr.Anila R.S
Dr. Maitry Sachinwala
Dr. Aditi Golam
Dr. Kunika Mehta

Key ingredients in AERIVIA:

- **Tulsi (Holy Basil) – Powerful antioxidant that helps fight pollution-induced damage and purifies the skin**
- **Neem Extract – Known for its antibacterial and anti-inflammatory properties, helps prevent breakouts and soothe irritation**
- **Aloe Vera – Deeply hydrates and calms sensitive or stressed skin**
- **Rose Water – Refreshes, tones, and helps maintain the skin's pH balance**
- **Green Tea Extract – Rich in antioxidants that neutralize free radicals and reduce inflammation**
- **Cucumber Extract – Cooling and soothing, reduces puffiness and skin fatigue**
- **Vitamin E – Strengthens the skin barrier and protects against environmental damage**
- **Hyaluronic Acid – Provides intense hydration and helps retain moisture for plump, healthy skin**

ElixiSeason Brew

ElixiSeason Brew is an Ayurvedic wellness concept inspired by Ritucharya, the traditional practice of seasonal living. It offers three herbal brews—Summer, Monsoon, and Winter—formulated with season-specific ingredients to support digestion, immunity, and balance. By blending traditional knowledge with a modern lifestyle approach, it promotes preventive health and daily well-being.

A project by:
Dr Anjali Gambhava
Dr Hiral Jethava
Dr Rutuja Bande
Dr Jahnavi Rathod
Dr Rashmi Gabhane

Aahar Raksha Kit

AAHAR RAKSHA KIT is a low-cost, paper-based food safety testing solution designed to detect common chemical adulterants in everyday food items like milk and spices. Using simple color-changing strips, it provides quick and easy results without requiring technical expertise. The kit is portable, user-friendly, and suitable for both rural and urban settings. By making food testing accessible, it promotes awareness about food purity, encourages safer consumption practices, and supports better public health outcomes.

A project by:
Dr. Poonam Bhojak
Dr. Pravin Pratap Singh
Dr. Mit Prajapati

Specialized Workshops & Maker Pitch

Expanding its focus on hands-on learning and real-world exposure, Maker Fest 2026 hosted a diverse set of specialized sessions designed to challenge, engage, and elevate young innovators.

Model Rocketry Workshop by Digant Joshi, offered students an exclusive opportunity to explore the fundamentals of aerospace and rocket design.

Vedic Maths by Nita Sanghvi blending logic with speed, introduced participants to powerful calculation techniques rooted in ancient Indian knowledge systems. The session emphasized mental agility, accuracy, and the joy of solving problems efficiently.

Taking innovation a step further, the Maker Pitch Presentation created a platform for participants to present their ideas before an esteemed jury including Dr Sanjaykumar Vij, Deepak Gupta, Krishna Vyas, and Ujwal Makhija / Pooja Makhija. The session simulated a real-world evaluation environment, encouraging participants to articulate their ideas with clarity, confidence, and purpose while receiving valuable feedback from industry experts.

Together, these sessions strengthened the spirit of making by combining technical exploration, intellectual sharpness, and entrepreneurial thinking.

"Because at Maker Fest, learning is not limited to knowledge—it is about building, presenting, and evolving ideas into impact."

Physiotherapy

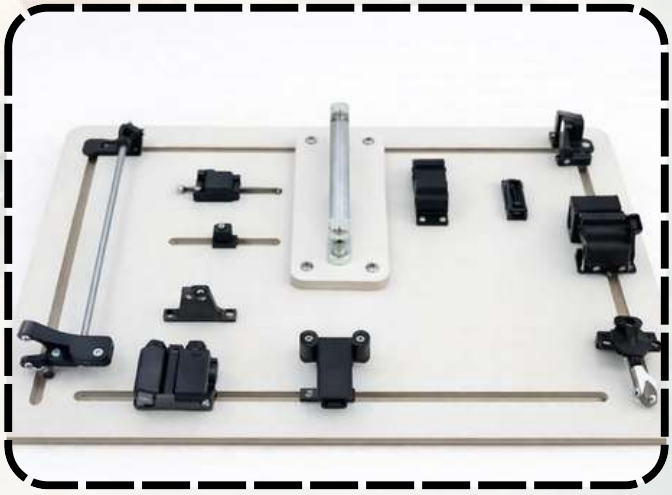
"Health is a state of complete harmony of the body, mind, and spirit."

B. K. S. Iyengar

Upper Extremity Rehalilitation Board

This project presents a unified rehabilitation platform that integrates multiple upper-limb therapy exercises into a single compact system. It enables controlled movements such as rotation, pulling, lifting, and gripping to support progressive recovery. The space-efficient design allows both guided and independent therapy, improving accessibility and making rehabilitation more practical and consistent.

A project by: Niva Bhavesh Shah -Jhanvi Nitin Hindocha-Janvi Viral Shah



Vyayam

Vyayam is an AI-powered physiotherapy platform that uses computer vision to analyze posture and movement through a smartphone camera. It provides real-time exercise guidance and personalized corrections, enabling effective rehabilitation at home. By making physiotherapy more affordable and accessible, the platform supports preventive care and recovery, especially for underserved communities.

A project by: Pawam Dangarwala - Jeet Pandya - Patel Dhruv - Soni Aaryan - Prerak Patel - Tanjil vohra

NeuroGrip

NeuroGrip is a cost-effective hand rehabilitation system designed for individuals recovering from injuries, surgery, or reduced hand mobility. Using a laptop and webcam, it tracks hand movements and guides exercises such as gripping and finger extension. With machine-learning–based feedback, the system supports accurate, accessible, and effective rehabilitation at home or in clinics.

A project by: Prince Raiyani, Ayush Gajera Htet Lwin Kyaw

IoT wearable geriatric rehabilitation device

This project develops a device that monitors vital parameters and physical indicators during exercise to support the health of older adults. By tracking movement and exercise responses, it helps improve mobility, safety, and functional performance. The system promotes active aging and supports informed physical activity for maintaining independence and well-being.

A project by: Dr. Rinie Chauhan, - Visha Bhalani , Ishita Bhatt, Daivi Joshi

Inno Ortho

Viroc Hospital showcases its advanced in-house 3D printing laboratory, which plays a crucial role in supporting complex surgical procedures. The lab creates highly precise, patient-specific anatomical models, especially useful in cases involving multiple fractures where standard implants may not fit accurately. By producing customized bone models before surgery, doctors can plan procedures more effectively, improve implant fitting, reduce operation time, and enhance overall surgical outcomes.

To promote public awareness and education, the stall also features an interactive **Virtual Reality (VR)** experience. This immersive setup allows visitors to explore detailed 3D visuals of the human body, including bones, veins, and internal structures. By combining precision medical technology with engaging educational tools, Viroc Hospital demonstrates how innovation can improve both healthcare quality and public understanding of human anatomy.

Valedictory Ceremony

The valedictory ceremony of Maker Fest 2026 marked the culmination of an inspiring journey of innovation, creativity, and collaborative learning. Bringing together reflections, achievements, and forward-looking insights, the ceremony celebrated not just the end of the fest, but the beginning of many ideas set into motion.

The occasion was graced by distinguished dignitaries including Yogesh Brahmankar, Dr Ajay Ranka, and Prof Dhanesh Patel, whose presence added significance to the closing moments of the event.

Through their addresses, the speakers reflected on the importance of innovation-driven ecosystems, encouraging participants to carry forward the spirit of making beyond the fest. They emphasized that true learning lies in continuous experimentation, resilience, and the ability to transform ideas into meaningful impact.

The ceremony served as a moment of recognition and inspiration, acknowledging the efforts of participants, organizers, and contributors who made Maker Fest a success. More importantly, it reinforced the belief that innovation is a journey—one that extends far beyond these two days.

As the curtains closed, Maker Fest left behind not just memories, but a mindset ready to create, collaborate, and lead.

"Because endings at Maker Fest are not conclusions– they are the starting point of ideas ready to shape the future."

Pharmacy

"Drugs are not chemicals, they are the result of ideas."

Paul Ehrlich
(Father of Chemotherapy)

Onconova

Onconova is a novel oral capsule developed for the targeted management of Triple-Negative Breast Cancer. It combines plant-derived bioactive compounds known for anticancer properties that help inhibit tumor growth and support cancer cell death. Designed for improved bioavailability and controlled release, the formulation represents a promising complementary approach in cancer therapy research.

A project by:
Dhruv Ghelani
Priya Khasatiya
Harshita Mehta
Dr. Arun Soni

Liposomal Apalutamide

This project develops a liposomal formulation of Apalutamide to explore improved treatment strategies for ovarian cancer. By using liposomal technology, the formulation enhances drug delivery, bioavailability, and target specificity while reducing potential side effects. This innovative approach aims to improve therapeutic efficiency and support more effective cancer treatment outcomes.

A project by: Tanvi Gohil, Arun Soni

Nasal Spray

This project explores an intranasal drug delivery approach for brain stroke treatment, enabling fast and targeted delivery of medication directly to the brain. By bypassing the blood–brain barrier, it improves bioavailability and reduces systemic side effects. The non-invasive method supports quicker intervention and offers a promising strategy for emergency stroke care.

A project by: Jariwala Priyanshi Kalpeshkumar - Patel Khushi - Patel Mitali - Patel Vraj

My Nova

My Nova is developing a microneedle-based herbal transdermal patch aimed at improving treatment approaches for Duchenne Muscular Dystrophy. The painless, child-friendly patch delivers therapeutic compounds through the skin, enhancing comfort and compliance. By targeting key disease mechanisms with a multi-ingredient formulation, the project explores a safer and more accessible pathway for supportive therapy.

A project by: Shreya Mukul Patel, Krisha Patel, Kaushal Patel, Aryan Chaudhari
Dr. Keval Raval, Dr Krishna Vyas.

Cramp ease

Cramp Ease is a fast-acting menstrual pain relief spray designed to provide quick and sustained comfort. Using a nanoformulation, it enables rapid absorption through the skin while forming a thin film for gradual medication release. The formulation helps relax muscles and reduce pain signals, offering convenient and effective menstrual care.

A project by:
Dhruv Ghelani
Diya Patel
Esha Ladani
Dr Alkesh Patel

MAXCLOT - Haemostatic Sponge

MAXCLOT is a polymer-based hemostatic agent developed to rapidly control excessive bleeding in emergency and medical situations. It accelerates clot formation at the injury site, helping reduce blood loss during trauma, surgery, or first-aid care. Easy to apply and fast-acting, MAXCLOT supports timely intervention and improves safety in critical situations.

A project by:
Janvi Patel

Drug Repurposing

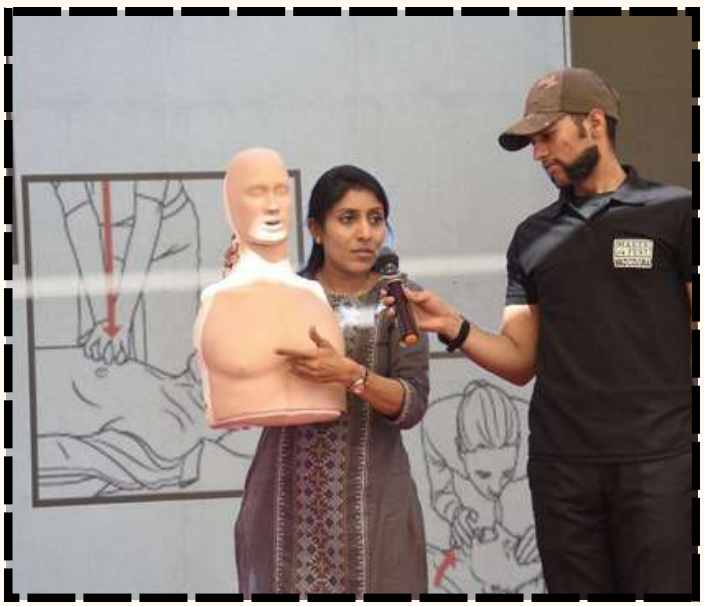
This study explores the potential repurposing of Teneligliptin, a DPP-4 inhibitor primarily used in diabetes management, for the treatment of Alzheimer's disease. A combination of computational (in-silico) and experimental (in vivo) approaches was employed to evaluate its efficacy. Alzheimer's-like conditions were induced in rats using aluminum chloride to mimic neurodegeneration. To enhance drug delivery directly to the brain, Teneligliptin was formulated as a nanoemulsion for nose-to-brain administration, improving bioavailability and targeting.

In-silico molecular docking studies demonstrated strong binding interactions of Teneligliptin with key proteins involved in Alzheimer's pathology, suggesting a multi-target mechanism of action. In vivo behavioral assessments revealed significant improvements in learning and memory in treated animals. Furthermore, biochemical and histopathological analyses showed reduced oxidative stress, decreased inflammation, lower amyloid plaque accumulation, and protection against neuronal damage.

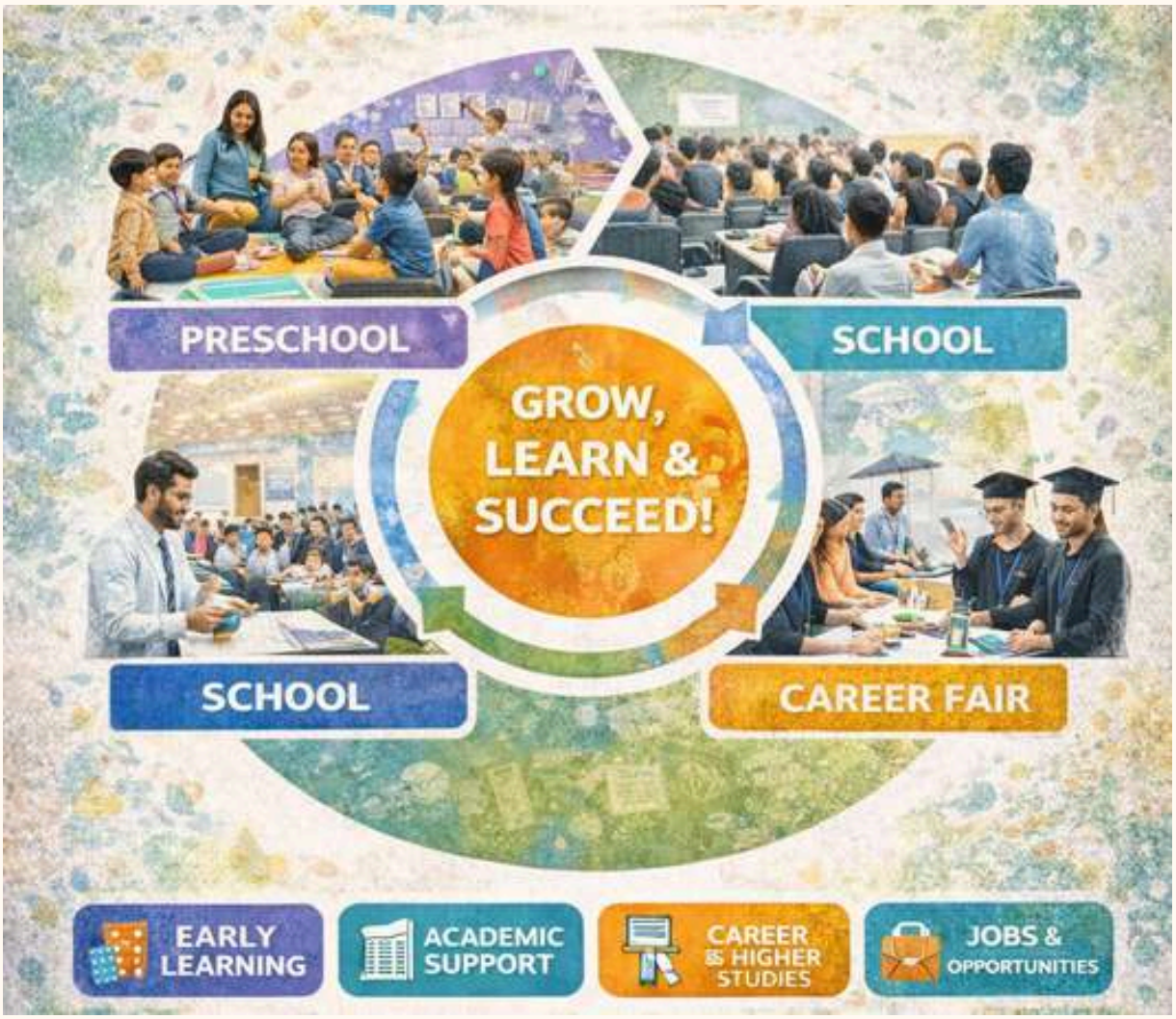
Overall, the findings highlight the neuroprotective potential of Teneligliptin, supporting its promise as a cost-effective and efficient repurposed therapeutic strategy for Alzheimer's disease.

A project by:
Pratham Shah
Dr. Nilay Solanki

CPR TRAINING



Education



विद्या धनं सर्वधनप्रधानम्।

"Knowledge is the greatest wealth among all forms of wealth."

Chanakya

Toy House Digitalized Indian Educational

The Indian Educational Toy House has embraced a new phase of innovation by transforming its traditional board games through digital integration. Each game now features QR codes and scanner-based interactions, allowing children to access a dedicated website and mobile app. These platforms provide interactive tutorials, animations, real-time scoring, and engaging bonus challenges, making learning more dynamic and self-paced.

Alongside upgrading existing games, the Toy House has introduced new board games inspired by Indian culture, logic, and creativity. These games are designed to develop critical thinking, problem-solving skills, and cultural awareness in an enjoyable way. The addition of digital features enhances engagement, making the learning experience more immersive and appealing to modern learners.

By combining hands-on play with technology, the Indian Educational Toy House creates a balanced and future-ready approach to education. It ensures that learning remains fun, interactive, and accessible, helping children connect with both tradition and innovation while building essential skills for their growth.

A project by:

Ms. Suparna Sinha
Ms. Usha Solanki
Sandhya Solanki
Kandarp Rajpara

Paper Ball Educational Innovation

Paper Ball Educational Innovation is a not-for-profit organization dedicated to environmental sustainability through awareness and action, with a strong focus on environmental education. The organization conducts hands-on projects for all age groups, including clean-up drives, repair communities, nature connect programs, and community waste management initiatives in villages around Vadodara. At Maker Fest 2026, Paper Ball will engage visitors through interactive showcases and workshops centered on sustainability and real-world environmental challenges. The stall will feature a live Repair Community hands-on workshop, along with quizzes, challenges, and experiential activities designed to inspire sustainable thinking and encourage collective action for the planet.

A project by:
Amit Arora,
Ritesh Gohil
Mahua Chakravarty
Aakriti Arora

CollegeQuest

CollegeQuest is an AI-powered college and career guidance platform designed to simplify educational decision-making. It combines entrance exam support, college selection, career planning, and mentorship within one dashboard. With AI-driven insights, personalized guidance, and exam-related resources, the platform helps individuals make informed and confident choices about their academic and professional future.

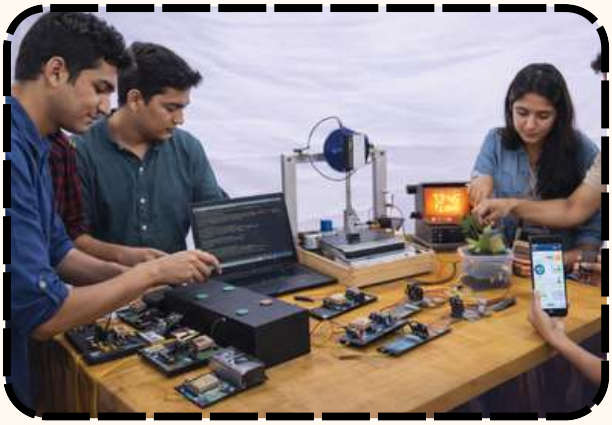
A project by:
Het Undaviya - Siddhi Kulkarni - Arup Tarafdar

EduCatch

EduCatch is a gesture-based learning platform that makes education interactive and engaging through real-time motion-based activities. Using a webcam or phone camera, it allows learners to explore concepts by moving and combining virtual objects. Accessible across devices, the platform simplifies complex topics and promotes playful, intuitive learning experiences.

A project by:
Omprakash Meher - Mansi Jaiswar - Abhinav Singh - Sagar Chhetri

For Rest of Us



The workshop series is an interactive and immersive learning experience centered on the Internet of Things (IoT), combining hands-on activities with live project demonstrations to make technology more engaging and practical. It is designed to provide participants with in-depth exposure to key technologies such as sensors, microcontrollers, and smart systems, helping them understand how connected devices function and how these technologies can be applied to solve real-world problems. Through active participation in guided exercises, learners gain a deeper and more meaningful understanding of concepts by directly working with them.

In addition to hands-on sessions, the workshops feature fully functional project demonstrations that showcase the complete journey from idea to implementation. These demonstrations allow participants to clearly visualize how theoretical concepts are transformed into real, working solutions, effectively bridging the gap between theory and practice. By observing and interacting with these projects, participants develop a clearer perspective on innovation and application.

The workshops aim to spark curiosity, strengthen technical knowledge, and enhance problem-solving abilities in an engaging and supportive environment. Tailored for students, makers, and technology enthusiasts, the sessions encourage exploration, experimentation, and innovation. By emphasizing experiential learning, the workshops empower participants to think creatively, build confidence in their skills, and develop the capabilities required to thrive in today's rapidly evolving, technology-driven world.

A project by:
Aditya Tripathi
Vidipta Bafna

Agriculture

"हरी धरती, खुशहाल किसान –
यही है समृद्ध भारत की पहचान।"

"Where the earth is green and farmers thrive,

there blooms the soul of India."

Khetkart

KhetCart is a thoughtfully designed mobile vending system developed to strengthen last-mile commerce in rural and semi-urban areas. By combining usability, adaptability, and functional efficiency, it responds to everyday vending needs in a practical manner. The project promotes a more organized, sustainable, and dignified approach to informal vending and local livelihoods.

A project by:
Dishant Chauhan - Reet Kukreja - Liam kumawat - Ved Patel - Parth Sharma

Fodderly

Fodderly is an integrated digital marketplace developed for the fodder and agri-waste supply chain. It connects producers, farmers, retailers, and logistics partners through a single platform to improve sourcing, pricing transparency, and distribution efficiency. By streamlining the value chain, Fodderly supports rural livelihoods, reduces dependency on middlemen, and promotes sustainable livestock productivity.

A project by:
Gaurav Chaudhari - Ramesh Chaudhari

Ecodrape

Ecodrape is a sustainable textile initiative that transforms natural elements into wearable art through real floral printing. By using leaves, flowers, and botanical materials, it creates eco-friendly designs without harmful chemicals or synthetic dyes. Each piece is handcrafted using natural dye extraction and eco-printing techniques, where plant materials are arranged on fabric and steamed to imprint their colors and patterns. This thoughtful process not only minimizes environmental impact but also celebrates nature's beauty. Since no two prints are identical, every Ecodrape creation is unique, telling its own story while promoting conscious fashion and sustainable living.

A project by:
Shubham Chavla - Pratyksh Khinchi

Ecodrape promotes:
🌿 Sustainability – Minimal chemical usage and environmentally responsible methods
🎨 Artisanal Craftsmanship – Handmade, one-of-a-kind botanical designs
♻️ Eco-conscious Fashion – Encouraging slow fashion over mass production
🌸 Nature Connection – Blending traditional techniques with modern aesthetics

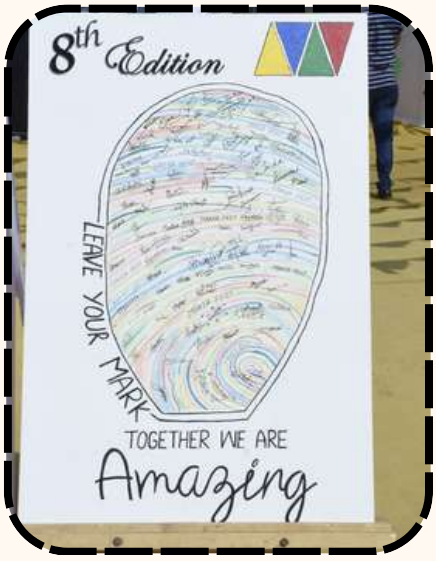
“Behind the Scenes & Beyond the Spotlight”

Where the journey begins...

Turning plans into action.

Moments that make it all worth it.

Ideas take shape here.



A vision brought to life.
Every detail counts.

Growing stronger with every edition.

Because every spotlight
moment is built behind the scenes.

Before the **lights**, there was **effort unseen**,
Silent planning behind every scene.
From **scattered ideas** to a vision so bright,
We built the **stage** before the **spotlight**.
And when the moment finally came alive,
Every **small effort** helped us **thrive**.
Because what the **world applauds in a day,**
Is **crafted through nights that quietly stay**.

Artisans

'कलाकारों का हुनर,
संस्कृति की धरोहर।'

"The artistry of creators, the heritage of our culture."

Unique wire art

Unique Wire Art is a handcrafted art initiative that transforms simple metal wires into intricate and eye-catching decorative models. Using bending, twisting, looping, and shaping techniques, ordinary wires are converted into detailed miniatures such as bicycles, motorcycles, rickshaws, keychains, and custom designs.

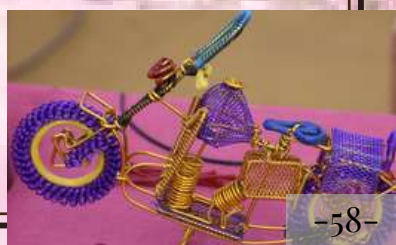
Each piece is carefully handmade, requiring precision, patience, and artistic vision. The vibrant colors and fine detailing give life to the models, making them perfect as:

- 🚲 **Decorative showpieces**
- 🎁 **Personalized gifts**
- 🔑 **Creative keychains**
- 🏠 **Home and office décor**

The project promotes handcrafted craftsmanship, creative reuse of materials, and affordable art that is accessible to everyone. It also encourages youth entrepreneurship by demonstrating how simple materials can be turned into marketable and artistic products.

Unique Wire Art proves that innovation doesn't always require complex technology — sometimes, creativity and skilled hands are enough to turn metal into magic.

A project by:
Pravin Rathod
Nishant Solanki



Applied Sciences

"Innovation distinguishes between a leader and a follower."

N. R. Narayana Murthy

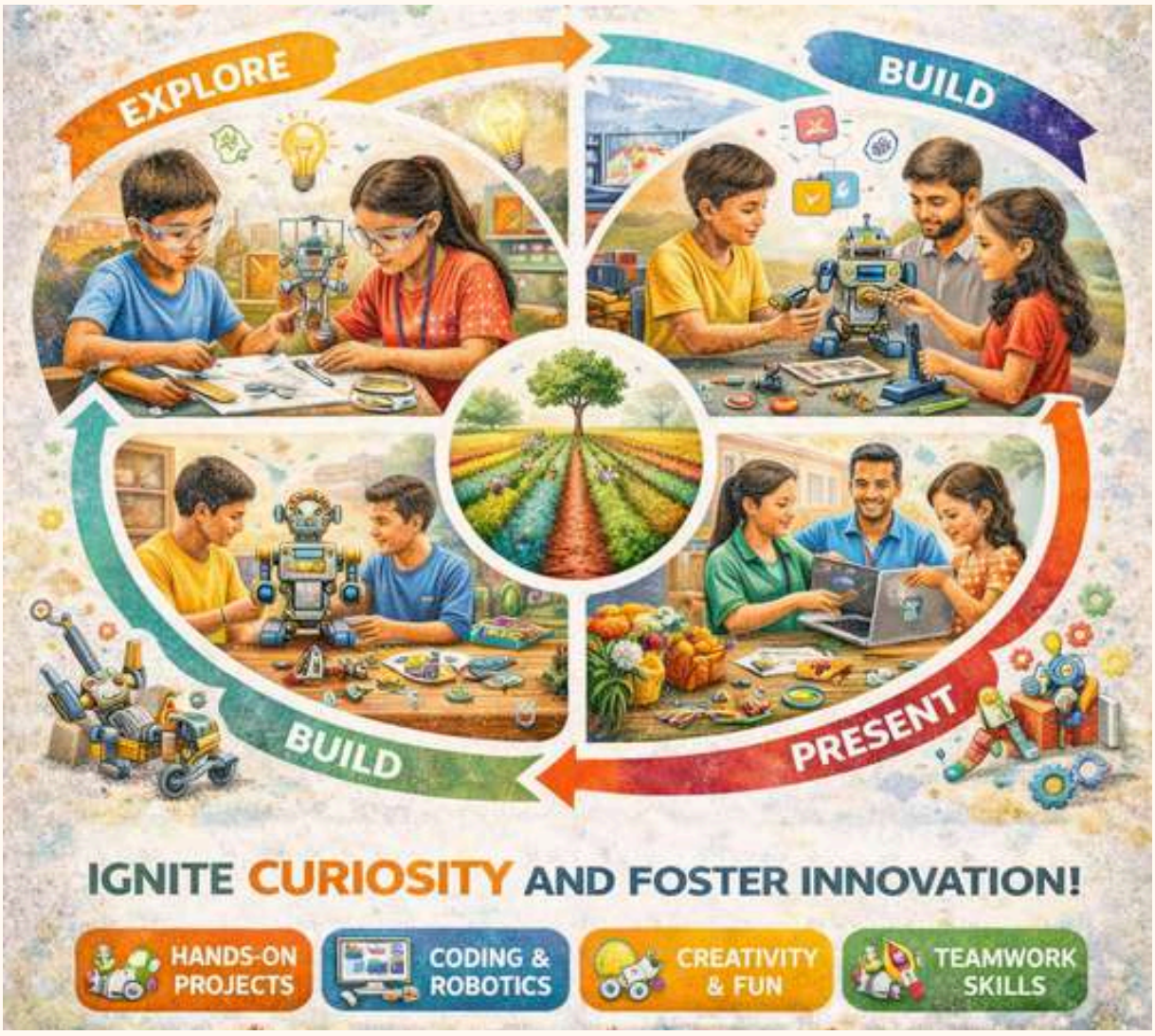
Microb Range

Microb Range is a biotechnology-driven startup dedicated to improving public health and environmental sustainability through innovation. It operates through two key verticals:
Ever Vital, which focuses on accessible daily nutrition, and Orium – Live Pure, which uses algae-based systems to promote clean air, ecological balance, and a healthier future.

Ever Vital addresses malnutrition by offering a natural, affordable, and safe daily nutrition supplement for individuals aged six and above, manufactured in WHO-GMP and **USFDA-certified** facilities. Orium – Live Pure is an algae-based photobioreactor that enables efficient microalgae cultivation while **capturing CO_2 and releasing oxygen**. Together, these solutions support wellness, environmental sustainability, and the United Nations' goals for health and climate action.

A project by:
Rutik Parmar
Nisarg Simariya

Junior Makers



"उठो, जागो और तब तक नहीं रुको
जब तक लक्ष्य प्राप्त न हो जाए।"

"Arise, awake, and stop not until the goal is achieved."

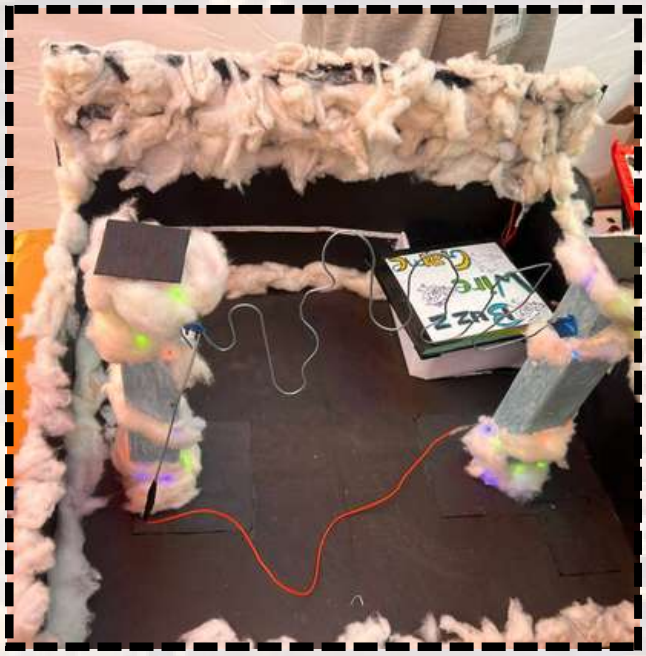
स्वामी विवेकानंद

Vidhyut Board Vidhyalay

Vidhyut Board Vidhyalay's stall, titled "Medha" (meaning intellect), explores the engaging theme of Human Intelligence (HI) versus Artificial Intelligence (AI). The stall presents nine types of intelligence through creative models and informative charts that compare human expertise with AI applications and highlight the innovators behind major technological developments. The objective is to help visitors understand that while AI is powerful and efficient, human intelligence remains creative, adaptable, and emotionally aware.

To demonstrate the practical importance of human intelligence, the stall includes several interactive games. Buzz Wire and Basketball help improve hand–eye coordination, focus, and motor control, making learning active and enjoyable. These activities emphasize the importance of physical and cognitive synchronization.

Other games such as Diagonal Move and Block Blaster enhance quick thinking, pattern recognition, and scientific reasoning. Balance Puzzle and Pinball Quizlet strengthen mathematical skills and general knowledge, while Brain-o-fun challenges logic, concentration, and problem-solving abilities. Visitors are encouraged to actively participate and share their thoughts on a feedback board, promoting a growth mindset.

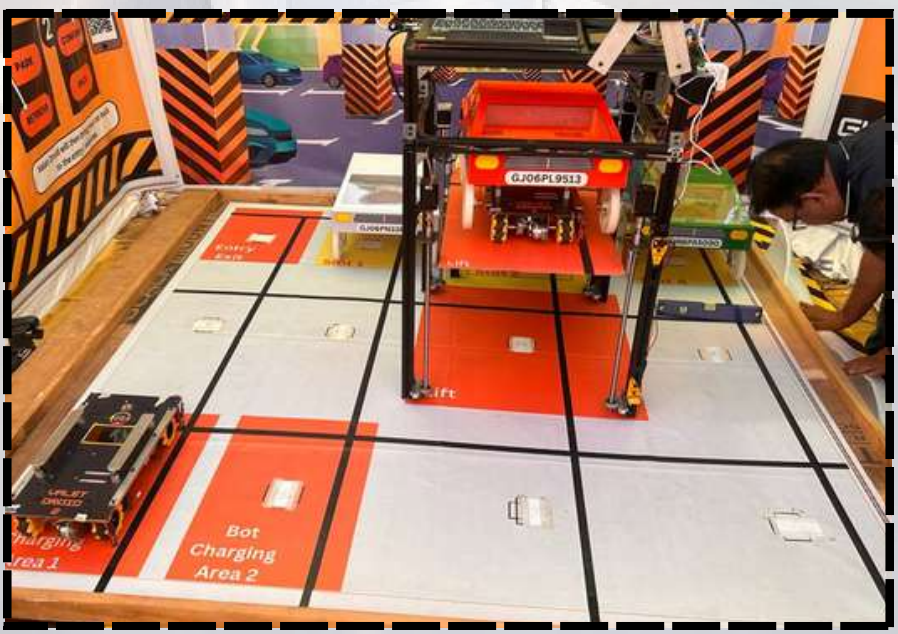


Additionally, the stall showcases three safety-focused innovations: an automated Fire Truck equipped with IR-based fire detection, a Smart Helmet that prevents ignition without wearing the helmet and integrates Alexa for assistance, and Blind Buddy—an assistive device for visually impaired and elderly individuals featuring obstacle detection and emergency alert systems.

A project by :

Tanishk Jagtap
Prince Gupta
Advait Raut
Krisha Mehta
Amisha Agrawal
Asma Khatri
Nainsi Pandey
Hirva Patel

Valet Droid



Valet Droid is an innovative project that transforms conventional parking systems into smart, automated solutions using robotics and artificial intelligence. Instead of depending on human assistance, it deploys a compact robotic unit equipped with intelligent sensors and integrated software to efficiently manage vehicle parking. The system can recognize number plates, detect obstacles in real time, and accurately identify available parking slots, ensuring smooth navigation within the parking area.

It also features a live display interface that provides instant updates on slot availability, while continuously communicating with a central server to process data and make informed decisions. This enhances efficiency, reduces congestion, and minimizes human error. By seamlessly integrating hardware with AI-driven software, Valet Droid showcases how automation can simplify everyday challenges. The project highlights the potential of smart engineering in improving urban infrastructure, offering a glimpse into the future of intelligent, hassle-free parking systems.

A project by :
Arav Pandya
Het Upadhyay

SATTVA TECH

SattvaTech is a smart robotic system developed to improve waste management in homes and small food spaces. Using AI-based image recognition, it automatically identifies and separates wet, dry, and recyclable waste. Compact, user-friendly, and app-connected, the system promotes cleaner surroundings, better hygiene, and more efficient, environmentally responsible waste segregation.

A Project by :
Anay Amit Dugal
Nilay Joshi
Aditya Mule

Hospital ecosystem

This project presents a smart hospital ecosystem that combines sensors and automation to improve emergency response, security, and patient care. It supports advance ambulance alerts, controlled access, energy-efficient lighting, and saline level monitoring. By integrating connected technologies within one system, the project promotes safer, smarter, and more efficient healthcare operations.

A project by : Shubham Raulji, Ayushi Varia

Inno Gen

This project aims to develop a modular exoskeleton framework that enhances human capabilities through integrated software, electronics, hardware, and control systems. Its flexible architecture supports customization for rehabilitation, assistance, and performance applications. By improving accessibility and simplifying development, the initiative encourages broader innovation and participation in wearable robotic technologies.

A project by ; Jaimit Aher
Dhvanit Bhatia

Multipurpose protective stick

This project is designed to improve farmer safety by reducing the risk of snake bites and encounters with harmful creatures during fieldwork. It supports safer movement through crops, bushes, and uneven terrain in both day and night conditions. By enhancing visibility and awareness, the solution promotes confidence, efficiency, and protection in agricultural environments.

A project by :
Arya Patel
Aneri Vyas
Jainil Solanki
Pearl Patel

SPY-FI

SpyFi is an intelligent mobile robot designed for surveillance and human rescue operations in hazardous environments. Equipped with live video streaming and smart sensors, it helps monitor restricted areas and detect signs of human presence in disaster zones. By combining mobility, remote observation, and life-detection features, SpyFi strengthens both security and rescue efforts.

A project by : Atharv Kale - Kabir Parmar - Kavan Barot

Energy in Motion

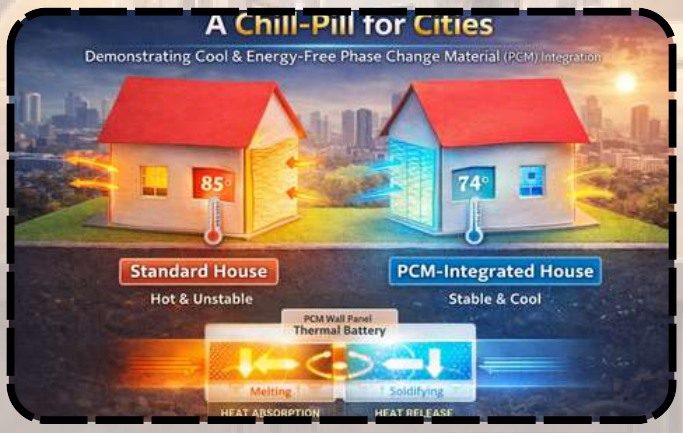
"Energy in Motion" is a concept project that demonstrates on-road charging for electric vehicles through an embedded conductive rail system. As the vehicle moves, it draws power continuously to charge the battery. With sensor-based safety activation, the model highlights a practical innovation that can reduce charging delays and support more efficient electric mobility.

A project by : Ameya Mhatre
Krishank Patel
Aayan Shresht

A Chill-Pill for Cities

“A Chill-Pill for Cities” is an innovative project that addresses the Urban Heat Island effect through a passive cooling system using Phase Change Materials. By absorbing and releasing heat as temperatures change, the material helps maintain cooler indoor conditions. The concept demonstrates an energy-efficient approach to reducing heat stress and promoting climate-resilient urban living.

A project by ; Vaibhav Rai - Aditya Sharda - Tvisha Dhokai



CAMATO

This game is designed to strengthen understanding of mathematical operations and their properties through an interactive learning experience. By improving mental arithmetic speed and accuracy, it makes practice more engaging and enjoyable. The project promotes numerical confidence, quick problem-solving, and a more positive approach to handling everyday mathematical challenges.

A project by : Jwalbeet Kataria - Haard Mori

METHIGNIS

Methignis is a portable methane management system developed to control emissions directly at the source. It can either capture methane for later fuel use or safely neutralize it through controlled combustion. With sensor-based detection and smart response features, the project helps reduce environmental impact, improve safety, and support practical methane management in field conditions.

A project by - Arjav Singh - Sankalp Mahapatra

Oxy Pack

OxyPack is a wearable air-purification backpack designed to support safer breathing in polluted urban environments. Equipped with a multi-layer filtration system, it helps remove dust, smoke, and harmful gases while delivering cleaner air to the user. Lightweight and rechargeable, the project combines practicality, sustainability, and personal protection for everyday use.

A project by ; Bhavesh Shinde - Dhruv Mehta - Bind Mukesh

Anna Sutra

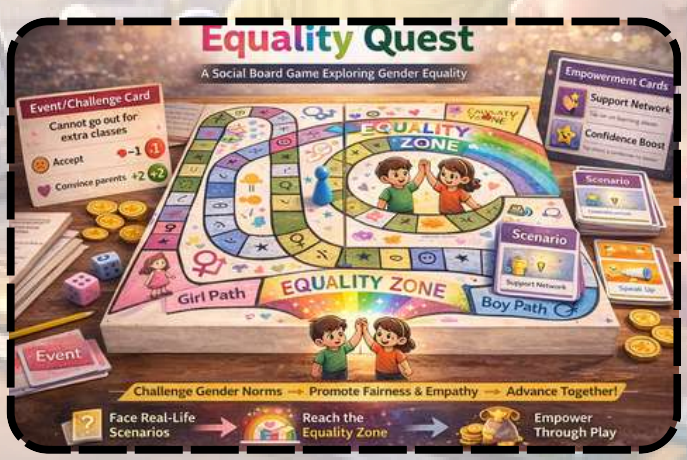
Anna Sutra is a portable pen-shaped device developed to detect food adulteration quickly and conveniently. Using built-in sensors, it tests key food quality parameters and identifies harmful contamination within seconds. Affordable and easy to use, the device promotes food safety awareness and supports healthier, more informed choices in everyday consumption.

A project by - Kalindi Lakhani - Jayvardhan Israni - Jay Bhavin Kaka - Bind Mukesh

Board game on Gender equality

This game places players in real-life situations shaped by gender norms, highlighting the different challenges and privileges experienced along similar paths. Through interactive decision-making, it builds awareness, empathy, and reflection on inequality. By encouraging players to question stereotypes, the game promotes fairness, respect, and the importance of equal opportunities for all.

A project by : Jeny Kanala



Gupshup on - Young Makers in Process

The 5 Stages Every Maker Goes Through

Almost every project quietly travels through these emotional stages.

Stage 1 – Excitement: "This idea will change the world!"
Stage 2 – Confusion: "But, will it work? Can it be executable?"
Stage 3 – Frustration: "Why is it not progressing after so much efforts?
Stage 4 – Breakthrough: "Oh! That one may work. We should have started earlier."

Stage 5 – Realization: "There are no short cuts, Lage Raho Munnabhai !!"

Most people have **ideas**. Some people build **projects**. But the ones who **keep experimenting, fixing, and trying again** eventually build innovation.
The difference is often very small. Less scrolling. More making.

TYPES OF MAKERS

Type of Maker	Basic Characteristic	How They Get Lost	WHat To Do
The Innovation Junkie 	Gets excited about every new technology—AI today, robotics tomorrow, drones next week... 	Spends hours watching "Top 10 Future Technologies", "AI Will Change Everything", and "Elon Musk's Morning Routine"... while the soldering iron quietly vaits in the notebook.	Close the reels. Open the toolbox. 
The Idea Collector 	"I have a Brilliant idea!!" 	Keeps waiting for the perfect team, perfect funding. perfect lab, perfect moment. Meanwhile, the idea quietly waits in the notebook.	Start with the imperfect version today. 
The Research Master 	Excellent at brainstorming big ideas with friends. Energy high, 	Installs five new tools every month but slowly forgets what problem the tool was meant to solve. 	First choose the problem. Then choose the tool. 
The Team Talker 	Excellent at brainstorming big ideas with friends. Energy high discussions long. 	Innovation meetings slowly become chai meetings... followed by more chai meetings and great philosophical. discussions about startups. 	Next meeting rule: everyone brings one working part. 
The Perfection Seeker 	Wants everything to be flawiess before showing it. 	Version 1 must already behave like Version 5, As a result, Version 1. never arrives. 	Build Version 1. Let reality guide Version 2. 

"The People Behind the Pages"

My name is Jasleen Kaur Sawhney, a TY BMSW student and a fieldwork intern at Yuvalay.

As a Social Work graduate, my experiences across diverse communities have shaped my perspective on creativity, collaboration, and meaningful impact. The Makers Fest Magazine was created to capture not just an event, but the spirit of innovation and collective expression behind it. It reflects my drive to blend purpose with creativity, celebrating the voices, ideas, and journeys of makers.

I truly value the support of HT Sir, Snehal Sir and Prathama mam, as their mentorship not only strengthened my confidence but also inspired me to push beyond my limits and strive for excellence.

Jasleen Sawhney

My name is Aatman Dholakia, a TY BMSW student and a fieldwork intern at Yuvalay.

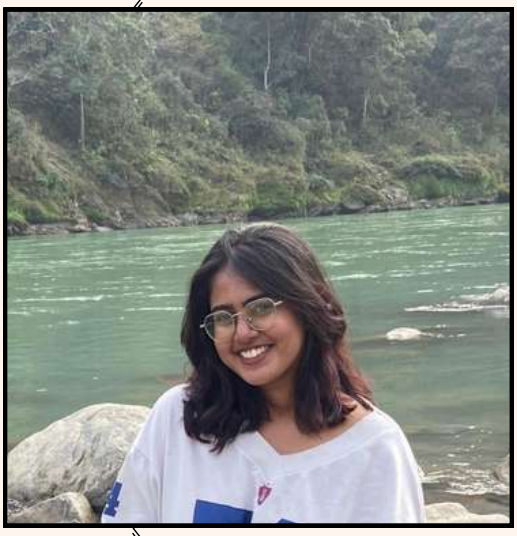
When I joined, I expected it to be just another internship with basic tasks. But it turned out to be something much more meaningful. I was given trust, responsibility, and the chance to lead, something I had always been searching for.

Working on the VIC Makers Fest and creating its magazine made me discover a side of myself I didn't even know existed. What I thought was simple work became a journey of self-realization. The outcome was beyond what I ever imagined, and it truly changed my confidence.

I am deeply grateful to Harman Patel Sir, Snehal Sheth Sir, and Prathama Godgaste Ma'am for believing in me and helping me realize my true potential.

Aatman Dholakia

My name is Prathama Godgaste, I am working as an Executive at Yuvalay.
Being a part of this magazine in its final stages was a truly special experience. While Aatman and Jasleen brought it to life with their dedication and creativity, I had the opportunity to step in and give it the finishing touches. It was inspiring to see how much thought, effort, and heart had already gone into every page. This magazine is not just a collection of content, but a reflection of teamwork, passion, and shared vision. I'm grateful to have contributed to something so meaningful.



Prathama Godgaste

This magazine wouldn't have been possible without the guidance of Snehal Sir and the dedication of every individual involved.

"We hope these pages stay with you."

About us:

Yuvalay

Yuvalay is a youth-led initiative focused on empowering young individuals through learning, leadership, and community engagement. It provides platforms for skill-building, collaboration, and creating social impact.

Yuvalay MakerSpace

Yuvalay MakerSpace is Vadodara's creative hub for **students, innovators, hobbyists,** and **startups.** We provide tools, technology, and mentorship to help people turn ideas into working prototypes. It is a space where learning happens by doing through workshops, hands-on projects, and community-driven innovation.

VIC (Vadodara Innovation Council)

Vadodara Innovation Council is an initiative aimed at fostering innovation, entrepreneurship, and collaboration in Vadodara. It brings together students, professionals, and organizations to work on ideas, projects, and solutions that drive growth and development.