

उद्यमोत्सव 2025

on the occasion of National Startup Day

Event Report

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MIT World Peace University

Established in 1981, MIT World Peace University (MIT-WPU) stands as a beacon of academic excellence in India, boasting over 40 years of legacy. Offering a diverse range of over 150 undergraduate and postgraduate programs, MIT-WPU is renowned for its balanced curriculum, world-class faculty, and strong industry collaborations. Beyond academics, the university prioritises holistic student development through experiential learning opportunities such as Peace Studies, yoga, sports, immersion programs, and vibrant campus events, shaping well-rounded individuals poised for success in today's dynamic world.



Purpose

Udyamotsav, held on the occasion of National Startup Day, was a historic event organised by the Ministry of Education's Innovation Cell (MIC) and AICTE. It celebrated the spirit of entrepreneurship, providing a platform to connect aspiring innovators, startups, and industry leaders with investors, fostering collaboration and sustainable growth.

Objective



Celebrate entrepreneurship by honouring the spirit of innovation and its impact on economic growth.



Facilitate investment by connecting 94 investors with startups across 14 locations to explore funding opportunities.



Encourage collaboration by building bridges between entrepreneurs, industry experts, and academic leaders.



Inspire visionaries by providing a platform for participants to showcase their ideas and bold visions.

Message from Chief Patrons

On National Startup Day, we should highlight the importance of innovation and entrepreneurship. Reflecting on the World Peace Dome, it is important to emphasize its symbolic value of peace, innovation, and collaboration. He urged that Udyamotsav is about nurturing a culture of progress, not just creating landmarks. It is encouraged for all to drive positive change, with Pune at the forefront of this evolution, blending creativity and peace for lasting impact.



REV. Prof. Dr. Vishwanath D. Karad

Founder & Chief Patron, MAEERS' MIT Pune,
UNESCO Chair holder, President,
MIT-WPU, Pune, Bharat



Dr. Rahul V. Karad

Managing trustee and Executive President,
MAEER's MIT Pune executive president,
MIT-WPU, Pune, Bharat
and Chief Initiator MIT-SOG

On this occasion, the focus should be on the significance of research, innovation, design, and entrepreneurship. The event serves as a platform full of possibilities, encouraging fresh perspectives and valuable takeaways. It is hoped that the student community will emerge with a new mindset, ready to thrive. This conclave is expected to inspire and guide MIT World Peace University students, fueling their growth and vision for the future.

Message from Conveners

On National Startup Day, we must recognize the crucial role that research, innovation, design, and entrepreneurship play in shaping a better future. This conclave provides an exceptional platform for participants to explore a wide array of ideas, challenge conventional thinking, and push the boundaries of what is possible. It is a space where curiosity meets opportunity, encouraging attendees to develop new perspectives and take bold steps toward creating meaningful change.



Dr. Milind Pande
Pro Vice Chancellor
MIT-WPU, Pune, Bharat

With 94 investors and 14 locations involved, this event brings together a diverse and dynamic network of individuals and opportunities. The presence of such a wide range of investors, alongside multiple locations, allows for cross-pollination of ideas, collaborations, and potential partnerships. Each location serves as a unique hub for innovation and growth, while the investors bring valuable expertise and resources to help drive the entrepreneurial spirit forward. This vast network sets the stage for meaningful connections and the potential for transformative ventures to emerge, all contributing to a future built on creativity, progress, and lasting impact.

Message from Conveners

Udyamotsav is not just an event—it is a reflection of our collective vision for innovation, progress, and collaboration. As we bring together entrepreneurs, industry leaders, and changemakers, the focus remains on building a culture that thrives on ideas and impact. This platform is about more than startups; it is about fostering a mindset of resilience, creativity, and forward-thinking leadership.



Dr. Prashant Iyer

Asst. Director Startup Accelerator
MIT World Peace University



Mr. Ninad Patil

CEO MIT-TBI PUNE

True progress is not just about building enterprises but about shaping a future where innovation and purpose go hand in hand. As Pune continues to emerge as a hub of transformative ideas, let Udyamotsav be the catalyst for new possibilities. This is a space to learn, connect, and create a lasting impact, where every idea has the potential to redefine the future. Let's take this step forward together.

Strategy in Action

The preparation for Udyamotsav 2025 started a week in advance to ensure everything ran smoothly. The team focused on finalising the logistics, booking venues for the inaugural and valedictory sessions, and arranging spaces for the investor pitch presentations. We made sure the technical side was ready, with high-speed internet, and audio-visual systems thoroughly tested, and branding materials like banners and signage placed to guide everyone easily through the venue.

A couple of days before the event, we did trial runs to fine-tune the tech setup and rehearse the schedule. We made sure the green rooms were ready for VIPs and speakers, and checked all livestreaming and recording equipment. Startup participants and investor panels were given final instructions, while volunteer teams were briefed on managing registrations, coordinating sessions, and helping attendees. These thoughtful preparations laid the groundwork for a smooth, impactful Udyamotsav 2025.

Investors



CA. NINAD DATE
Co-founder, Launch Capital



NIKHIL BHATE
Family Officer Manager, G D Chitale Ventures LLP



SUMAN SENGUPTA
Managing Partner, Dourado Advisors LLP



DR. VIDYA MURKUMBI
Co-Founder, Ravindra Energy Ltd



RUSHABH SHAH
Founder, Bolstart



JITENDRA SAKPAL
Founder and CEO, Rise Capital

Participating Startups

Name of Startup	Official Name
Drug Inventory and Supply Chain Tracking system	Vidya Manoj Baviskar
SmartPause Android Application	Pranav Chandrashekhar Patil
ZenZara	Aayush Pratheesh
AI based acoustic wave monitoring of rail defects like cracks, fracture and prediction for rail wear, quality .	Swapnil Shravan
FutureSphere	Ishan Vaidya
Cerebrospark Innovations Private limited	Mr. Ganesh Thorat & Mr. Mihir Kedar
Borse Automotive Pvt Ltd	Shekhar Borse
Trixis Energy	Neel Khot
Digital Hourglass	Neha Chorge
Curomates Enterprise Private Limited	Sanket Paratkar
<u>Intellectsia: AI based Platform to</u>	Nikhil Yadav
<u>comprehend Human Mind Capabilities</u>	
<u>Pastport</u>	Ritika Oswal
noStrucTech LLP) Sustainable Sandwich Composite Circular Manhole Cover Designed for Pedestrian Networks	Dr. Shilpa Pankaj Kewate
Multi Tasking Robot	Suraj Kishor Bajaj
Insta Parenting App	Hemali Turakhia
Blue Phoenix Technologies Private Limited	Dishant Shah



Ministry of
Education
Government of India



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



Since 1983
Dr. Vishwanath Karad
MIT WORLD PEACE
UNIVERSITY | PUNE
TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS



Participating Startups

Uluka Systems (OPC) Private Limited	Uluka Systems (OPC) Pvt Ltd
Co2 Filter	Ganesh Narayan Mahajan
Agrozee Organics Pvt	Mr. Mahesh Londhe
AVN Agrobharat Pvt Ltd	Amit Baban Chavan
ActonAI	Sanjyot Dasharath Balsaraf
Socio Engineer Pvt Ltd	Shubham Bhoir
Medzin Healthtech Private Limited	Dr. Avinash R. Tekade

Medflow

Drug Inventory & Supply Chain Tracking

Medflow is an advanced SaaS-based platform designed to enhance transparency and efficiency in medical supply chains. It tackles issues like inconsistent drug availability and monitoring inefficiencies with features such as First Expiry, First Out (FEFO), QR-based tracking, and dual dashboards for hospitals and FDA authorities.

Market & Business Model:

Targeting mid-level healthcare stakeholders, Medflow fills a crucial gap in supply chain management. It operates on a subscription model:

- Basic: ₹5,000/month
- Standard: ₹20,000/month

Competitive Edge

Unlike competitors (Tracelink, Mediledger, SAP), Medflow uniquely serves small and mid-level healthcare providers, offering an affordable and tailored solution.

Funding & Progress

Currently self-funded, the platform has made three months of development progress.

Panel Feedback

The panel praised Medflow's innovation and potential but advised refining the go-to-market strategy, directly engaging hospitals for validation, and strengthening differentiation from competitors. They recommended highlighting unique features and exploring collaborations/pilot projects for better market entry.

SmartPause

SmartPause: Android Application for Screen Time Management

SmartPause is an Android app designed to help parents regulate screen time for children under 12. It addresses excessive phone usage (4-6 hours daily for kids under 10) by enforcing a timer that, once exceeded, activates a screen overlay, disabling buttons and redirecting upset children to educational content.

Market & Business Model

India's market potential stands at \$19.5 billion, with no integrated solutions tackling screen addiction. SmartPause operates on a freemium model, with a premium version at ₹19/month offering analytics, app control, and a "stop scroll" feature.

Competitive Edge

Unlike Google Family Link, Qustodio, and FamilyTime, SmartPause actively enforces breaks and prevents bypassing restrictions, making it a mission-driven solution for digital wellness.

Funding & Progress

The team is addressing prototype bugs and exploring funding options to refine the product and market strategy.

Panel Feedback

The panel praised SmartPause's innovation but suggested adding website controls, gaming limits, and study-time scheduling. Concerns about user willingness to pay led to recommendations for balancing free and premium features and integrating educational content for added value. A separate hardware device was also proposed.

ZenZara

ZenZara: Community-Driven Mental Health Platform

ZenZara is a platform designed to support youth struggling with stress, anxiety, and depression. It offers a safe space, gamified tools, and an empowering community, accessible via mobile app or website. It can also be customized for office wellness programs, with plans for mental health partnerships and workshops.

Revenue Model

ZenZara operates on subscriptions, merchandise, and in-app purchases, offering a 14-day trial but no free model to emphasize its value as a personalized mental health solution. The startup seeks ₹20 lakh funding with a 7% ROI.

Competitive Edge

Its community-driven, gamified approach differentiates ZenZara, catering to both individuals and workplace wellness.

Funding & Progress

The team is exploring grants and refining the business model before seeking investors.

Panel Feedback

The panel suggested expanding ZenZara into a marketplace for NGOs and mental health professionals, adding a free model for accessibility, and ensuring legal compliance for confidentiality. Exploring grants for initial funding was also recommended.

SmartRails

IoT-Enabled Rail Track Safety System

SmartRails addresses rail accidents caused by track fractures using IoT sensors with acoustic wave technology. The system detects cracks, alerts station masters, and integrates a prediction model to slow trains near defects. In tunnels, a light-based alert system (red, yellow, green) ensures safety where networks fail. Two sensors per kilometer enable effective monitoring.

Revenue Model

SmartRails generates revenue through sensor sales (₹5,000/unit), installation, maintenance, and a cloud-based analytics subscription for predictive monitoring.

Competitive Edge

A cost-effective, AI-ready IoT solution with light-based alerts for low-network areas, ensuring operational safety.

Funding & Progress

Technology is yet to be patented, with a focus on securing intellectual property and strategic collaborations.

Panel Feedback

The panel suggested patenting the technology, refining the cost model for maintenance, and prioritizing accident-prone areas for pilot tests. Budget feasibility for Indian Railways and scalability strategies were also emphasized.

FutureSphere

Tech Innovation Showcase

FutureSphere connects students with emerging technologies while providing startups a platform to showcase innovations. Inspired by Japan's Miraikan, it features hybrid online and offline exhibitions, allowing continuous engagement with cutting-edge developments. Offline exhibitions in Hinjewadi, Pune, will be the primary focus.

Revenue Model

Earnings come from ticket sales (₹200 for students, ₹300 for adults), tech-sponsored shows, and commissions on virtual viewings.

Competitive Edge

A permanent, evolving exhibition space where startups display products until replaced by newer innovations, offering a long-term tech showcase unlike temporary college exhibitions.

Funding & Progress

Seeking ₹70 lakh funding, with plans to ensure all showcased products are patented for protection.

Panel Feedback

The panel praised the hybrid model and long-term showcase concept, advising stronger online engagement for a global audience. They also emphasized clarifying IP protection for exhibited innovations.

Cerebrospark Innovations Private Limited

Advancing Drone Technology

Cerebrospark Innovations: Advancing Drone Solutions

Cerebrospark Innovations is a drone manufacturer serving military, government, and agriculture sectors with models like CS Mamba, Krishi, and Pawanputra. With six years of expertise, they also run Cerebrospark Academy for drone training.

Growth & USP

- Revenue: ₹70,000 (Year 1) ₹1 crore (Last Year)
- Clients: 60% private, 40% government (Bihar & Maharashtra police projects)
- Production: 24 drones/day with strong after-sales support
- Services: On-demand drone solutions for farmers

Funding & Future Plans

- Seeking ₹5 crore for AI integration & new drone models (CS Mamba V2)
- Regulatory progress: Acquiring a type certificate

Panel Feedback

- Highlighted AI potential, scalability, and regulatory approvals

Borse Automotive

Revolutionizing Agriculture

Borse Automotive focuses on grapevine cultivation in Nashik, integrating automotive technology for better crop monitoring and data analysis. The system includes Assist-MI robotic vehicles, soil analysis mounts, drones with hyperspectral cameras, and real-time data software, all managed via a GCS.

Revenue Model & Partnerships

- Revenue: Product sales, leasing, rentals, research, consulting, and training
- Partners: Sahyadri Farms, TCS Digital Impact Square, IACE, Bharat Forge

Funding & Future Plans

- Raised ₹50 lakh, seeking additional funds for large-scale launch
- Patent pending for the technology

Panel Feedback

- Emphasized automotive expertise and seamless farming solution integration.

Trixis Energy

Revolutionizing Green Energy

Trixis Energy focuses on providing hybrid renewable energy systems that combine solar, hydro, and wind technologies. Their systems, featuring vertical axis wind turbines and solar panels integrated with wind and water turbines, generate 200 units of energy per day—significantly more than conventional systems.

Revenue Model & Markets

- Pricing: ₹3,25,000 for the basic model
- Target Markets: Urban and rural settings, particularly government projects

USP & Patent

- USP: Energy generation 24/7 due to consistent wind speeds
- Patent: Design is patented, and technology patenting is in progress

Funding Requirement

- Seeking ₹4 crore for 3D printing carbon fiber production

Panel Feedback

- Advised to explore government grants and an incubation opportunity from MIT TBI.

ChronoDots

Digital Hourglass

ChronoDots reimagines the classic hourglass by turning it into a digital timekeeper. Featuring two dot matrix displays, it offers multiple functions like adjustable timers, countdowns, and stopwatches. It resets automatically when flipped, providing a unique rotational activation feature. The product serves both workplace efficiency, time management, and education, while also functioning as a stylish home décor item.

Revenue Model

- Cost of Production: ₹1,309
- Selling Price: ₹1,545
- Profit Margin: 40% (due to a reduction of ₹450 in material costs per unit)

USP

ChronoDots blends vintage aesthetics with modern functionality, providing practical time management and a visually appealing design.

Market Potential

- Digital Timer Market: Valued at \$1.39 billion in 2024, positioning ChronoDots in a growing industry.

Collaboration & Panel Feedback

- Partnered with PHN Tech for manufacturing, while ChronoDots focuses on sales.
- Panel Suggested exploring third-party vendors for wholesale selling to scale distribution.

Curomates

A mental health platform

Curomates is a mental health platform that combines community support, volunteer listening, and traditional therapy. Users can access peer support, where volunteers can take short courses and choose topics they wish to listen to. A "safe word" feature alerts the system when sensitive words are detected. The platform has 50,000 users, with 5% international users, and operates on a freemium model for conventional therapy (₹50 per session).

Revenue Model

- Paid Therapy Sessions: ₹10 per minute with verified listeners
- Annual Revenue: Over ₹1 lakh

USP

It has garnered significant attention, representing India at the Dubai World Expo and winning awards, including a ₹10 lakh grant from IIM Bangalore.

Market Potential

- Expanding user base with plans to support multiple languages (Marathi, Malayalam, Hindi) beyond English.

Panel Feedback

- The panel advised positioning Curomates as an emotional support platform, emphasizing user interaction over being solely a therapy service.
- Noted that Curomates relies on freelancer psychologists rather than permanent staff.

Engineers Cradle

A platform to empower organisations

Engineers Cradle is a platform designed to socially connect and empower organizations by facilitating the exchange and showcase of resources and services. It integrates technology, sociology, and business aspects to create a unique ecosystem centered around industry-specific information and opportunities. The platform offers private, organization-centric spaces, with full control over data privacy.

Revenue Model

- Monetizes through B2B partnerships rather than ad revenue.
- Currently raising ₹5 crore.
- Launched privately to organizations.

Market Potential

- Targeting a market size of ₹18 crore in India with a focus on local distribution and long-term partnerships.

Panel Feedback

- The panel highlighted the distinction from LinkedIn, emphasizing the focus on industry learning and private community building.
- The platform has undergone testing with multiple prototypes, though further refinement is needed.

Medzin

An alternative treatment for anemia

Medzin has developed an iron oxide patch as an alternative treatment for anaemia, particularly targeting females and children with low haemoglobin levels. Unlike traditional iron supplements, which often cause gastric issues, the patch is designed to enhance skin permeation, maintain blood iron levels, and eliminate the risk of missed doses.

Revenue Model

- Focuses on offering an affordable, convenient, and side-effect-free solution for anaemia treatment.
- The product will be priced lower than traditional iron supplements.
- Final product expected within six months.

USP

The iron oxide patch offers a unique alternative to oral iron supplements by providing better absorption through the skin, eliminating gastric discomfort. It's aimed at individuals who have difficulty with traditional iron tablets or capsules.

Market Potential

The global iron oxide market is valued at \$25 million in 2024, with significant opportunity in regions with high anaemia prevalence. The target audience includes people who experience side effects from oral iron administration.

Panel Feedback

- Patent jointly held with the College of Pharmacy.
- Panel suggested exploring non-private funding to scale up and secure broader support.

Intellectsia AI

Matching job seekers with ideal roles

Intellectsia AI uses artificial intelligence and 11 cognitive tests to match job seekers with ideal roles, enhancing recruitment accuracy and efficiency.

Market Size

- TAM: Indian recruitment market, \$18B (2022), \$48B (2030).
- SAM: Screening services, \$2.7B.
- SOM: Screening in IT, Marketing, Finance, \$135B.

Business Model

- Freemium: Basic features free, premium upgrades available.
- Subscription: Recurring fees from companies.
- User-Based: Personalized pricing based on usage.

Revenue Model

Revenue from subscriptions and premium services.

How It Works

1. Candidates take cognitive and psychology tests.
2. AI algorithms match candidates with jobs.
3. Companies receive job fit profiles.

Panel Feedback

- Praised for innovative AI and cognitive testing.
- Emphasized the need for strong candidate sourcing channels and validating blind testers.
- Optimistic about transforming the recruitment industry.

Pastport

360-degree virtual walkthroughs

Pastport offers 360-degree virtual walkthroughs of museums, allowing users to explore heritage sites anytime, anywhere. Features include real-time visits for up to 5 people, education integration, and gamification for enhanced engagement.

Revenue Streams

- Membership: ₹12,50,000
- Ticket Sales: ₹5,000
- Partnerships & Sponsorships: ₹2,00,000
- Workshops & Events: ₹50,000
- Total Revenue: ₹15,50,000

Business Strategy

Pastport is collaborating with tourism departments to offer VR tours (starting with Pune's Kelkar Museum). It proposes giving 10% of revenue to museums.

Challenges

Focus needed on clear business strategy and attracting partnerships and investors while tackling scaling and government processes.

Future Potential

With gamification and museum partnerships, Pastport has the potential for a sustainable, innovative model that preserves cultural heritage.

InnoStruc Tech LLP

Promoting employment and reducing accident risks

InnoStruc Tech focuses on sustainable innovation to reduce accident risks and promote rural employment. The company has developed 16 patents for cost-effective, theft-resistant precast bamboo-reinforced construction solutions, particularly for gardens, footpaths, and light-duty applications.

Market Size

- USD 3.9 billion (2022), with projected growth in green revolution markets.

Revenue Model

- Selling Price: ₹1,200 per unit
- Cost: ₹812
- Profit: ₹325 per unit (30% cost-effective solutions)

Raw Material

- Bamboo sourced from Chandrapur, Gadchiroli, and Nagpur; exploring paddy waste as an alternative.

Asking

₹11.85 lakh for scaling production, raw material procurement, and product refinement.

Panel Feedback

The panel commended the sustainable approach but advised focusing on scalability, raw material diversification, and expanding product applications. Collaborations with municipalities and builders like Akshar Builders (Karjat) could unlock significant potential.

Multi-Tasking Robot

Bluetooth controlled multitasking robot

A Bluetooth-controlled robotic arm designed for:

- Waste Management: Garbage collection.
- Agriculture: Crop cutting and lifting.
- Industry: Moving heavy boxes.

Stage

- Prototype: Developed by the founder in 9th grade.
- Currently in R&D to improve functionality.

Challenges & Feedback

- 1.Pricing: Determine competitive price based on production and market.
- 2.Marketing: Highlight multi-tasking abilities, collaborate with industries, and use digital platforms for awareness.
- 3.Enhancements: Add AI, voice commands, IoT, and develop modular variants for specific industries.

Potential

Revolutionizing task automation across sectors with innovative robotics.

Insta Parenting App

To tackle screen addiction in children

A certified app launched in September 2024 addressing screen addiction and promoting life skills in children through neuroscience-based techniques. Targeting parents, schools, and corporates, it taps into a \$12B global market by 2030, with an achievable \$9M within 5 years.

Revenue Model & Traction

Revenue comes from B2C subscriptions (INR 2,000/year per child), B2B partnerships (schools, corporates), and offline workshops. Current traction includes 400+ users and partnerships with 8 schools and 1 corporate.

USP & Investor Pitch

The app's scientifically-backed approach and gamified learning offer scalability, especially with planned features for ADHD and neurodivergent children. Investors should focus on its potential for high retention and broad market reach, especially with expanded partnerships.

Use of Funds & Panel Feedback

Funds will go towards product development, marketing, and team growth. The panel suggested partnering with pediatricians and showcasing impact metrics for better investor appeal.

Blue Phoenix Technologies Pvt. Ltd.

AI-powered surgical instruments

Blue Phoenix specializes in AI-powered surgical instruments designed to seal, cut, and dissect tissues, targeting private hospitals and surgeons. With a global market of 400 million surgeries annually, the company is well-positioned in the rapidly growing surgical instruments market driven by minimally invasive procedures.

Competitive Advantage & Product Differentiation

Blue Phoenix's products integrate AI algorithms and biocompatible coatings, enabling a single device to perform multiple surgical tasks.

Funding & Financials

The company has secured Rs. 1.37 Cr in funding and generated Rs. 3.5 Cr in revenue from 300+ devices sold. They are now seeking Rs. 8-12 Cr to expand production and marketing.

Market Opportunity & Certifications

With certifications like ISO 2345, USFDA, and CE, Blue Phoenix offers affordable, high-quality products to a growing market. Their ability to deliver multi-functional surgical instruments aligns with the demand.

Panel Feedback

The panel was impressed by the company's innovative approach and multi-tasking instruments. They requested further contact details for potential follow-up and noted the company's valuation at Rs. 35 Cr (floor value), with a cap at Rs. 60 Cr.

Uluka Systems (OPC) Pvt. Ltd.

Indigenous solutions for the Indian coastal and fishing sectors

Founded in June 2022, Uluka Systems focuses on providing affordable, indigenous solutions for the Indian coastal and fishing sectors. Their goal is to develop dual-use maritime tracking and life-saving systems for both civil and defense purposes.

Technology & Key Features

Uluka's AIS (Automatic Identification System) offers vessel tracking and navigation, similar to FlightRadar24 but for maritime use. The company is the first in India to release a Class B AIS platform prototype, designed for civil, military, and paramilitary operations. It also functions as a life-saving beacon in emergencies.

Market & Cost

With a development cost of ₹35,000 per unit, Uluka aims to provide a lower-cost alternative to imported AIS systems, improving accessibility for Indian fishermen and addressing issues like illegal fishing and distress communication. The product is still in the prototype stage, with no orders received yet.

Panel Feedback

The panel appreciated the concept but advised refining the business plan and gaining traction before seeking further support. Manufacturing will take place in Gujarat and Pune, with a 12V battery-powered device and military applications as the primary revenue source.

CO₂ Filter

An innovative solution by a school student

Developed as a school research project by a Class 9 student, the CO₂ Filter aims to tackle air pollution and global warming by capturing carbon dioxide, a major air pollutant. The device uses lime water to filter CO₂, producing calcium carbonate as a byproduct. This byproduct has practical applications in construction and neutralizing acidic land, making the solution both innovative and environmentally sustainable.

Key Features

Mechanism: Lime water reacts with CO₂, turning milky and producing calcium carbonate.

Applications: Calcium carbonate can be used in construction and for treating acidic soils.

Cost: Instrument production costs ₹7,000–₹8,000; operational cost for lime powder ₹8–₹10.

Current Status

A school-level research initiative.

No formal company registration yet.

Potential

With further development, the CO₂ Filter could contribute to reducing air pollution while providing useful byproducts, offering a low-cost, scalable solution for sustainable practices in industries like construction and agriculture.

Agrozee Organics Pvt

For the Millet-based food sector

Agrozee Organics focuses on promoting millet-based foods to combat malnutrition and anemia. Their key product, Nutri Dabba (₹199), includes millet-based items like pasta, noodles, and laddus, targeting regions with high malnutrition rates such as Jharkhand, Uttar Pradesh, and Maharashtra.

Market Opportunity

With the growing demand for nutritious, plant-based foods, Agrozee capitalizes on the rising interest in gluten-free and sustainable alternatives. The company is also active in midday meal schemes, aiming to address public health issues related to nutrition.

Financials & Strategy

- Revenue: ₹4.3 crore, with a 10% net margin.
- Gross Margin: 30%.
- Expansion Focus: Develop long-shelf-life products for consumer convenience and health.
- The company operates with a 25-member team and uses WhatsApp and websites for marketing.

Panel Feedback

The panel appreciated Agrozee's mission and the potential to scale with millet-based products. They were particularly interested in the company's revenue growth (₹1.97 crore this year) and NGO collaborations, though they noted no direct government ties. The panel requested follow-up contact details for further discussions.

AVN Agrobharat Pvt Ltd

Automating milk quality testing

AVN Agrobharat Pvt. Ltd. focuses on automating milk quality testing in the dairy industry, measuring parameters like fat, SNF, and water content. The technology uses heat exchangers, analyzers, and cloud tech for result processing, improving accuracy and efficiency.

Market Size & Potential

The technology can also be applied to pharmaceuticals, food & beverages, and chemicals, enabling diversification.

Business Model & Financials

- Manufacturing Cost: ₹2,00,000 per unit
- Selling Price: ₹5,00,000 per unit with a 60% profit margin
- Revenue: Expected ₹1 Cr turnover next month from 30 machines asking for ₹50 Lakh for expansion

Partnerships & Recognition

AVN Agro collaborates with dairy cooperatives like Gokul, Krishna, and Bhumul and Shivaji Institute in Kolhapur. Their patent is in process.

Panel Feedback

The panel was impressed with the 60% gross margin and potential to expand into other sectors. They were particularly interested in expanding the testing parameters based on client needs. The panel expressed strong interest in the product, seeing it as a valuable solution for private companies, and requested follow-up contact details for further discussions.

ActonAI

CCTV systems for unauthorized entry detection

Action AI specializes in AI-driven CCTV systems for unauthorized entry detection in high-security areas like jewelry shops. The system uses advanced AI algorithms to analyze footage and sends real-time alerts to nearby police stations for suspicious activity.

- Subscription Plans: Basic: ₹1,000/month
- Standard: ₹2,500/month
- Premium: ₹5,000/month
- Valuation: ₹3 Cr
- Funding Ask: ₹30 Lakh for further development of the Intruder Detection and Response (IDR) system

Market Opportunity & Competitors

With a growing demand for AI-based security systems in high-risk sectors, Action AI is positioned to capture a niche market. Competitors include international players like Spot Spot, but Action AI differentiates itself with its advanced AI algorithms for detecting unauthorized entries and alerting authorities in real-time.

Recognition & Panel Feedback

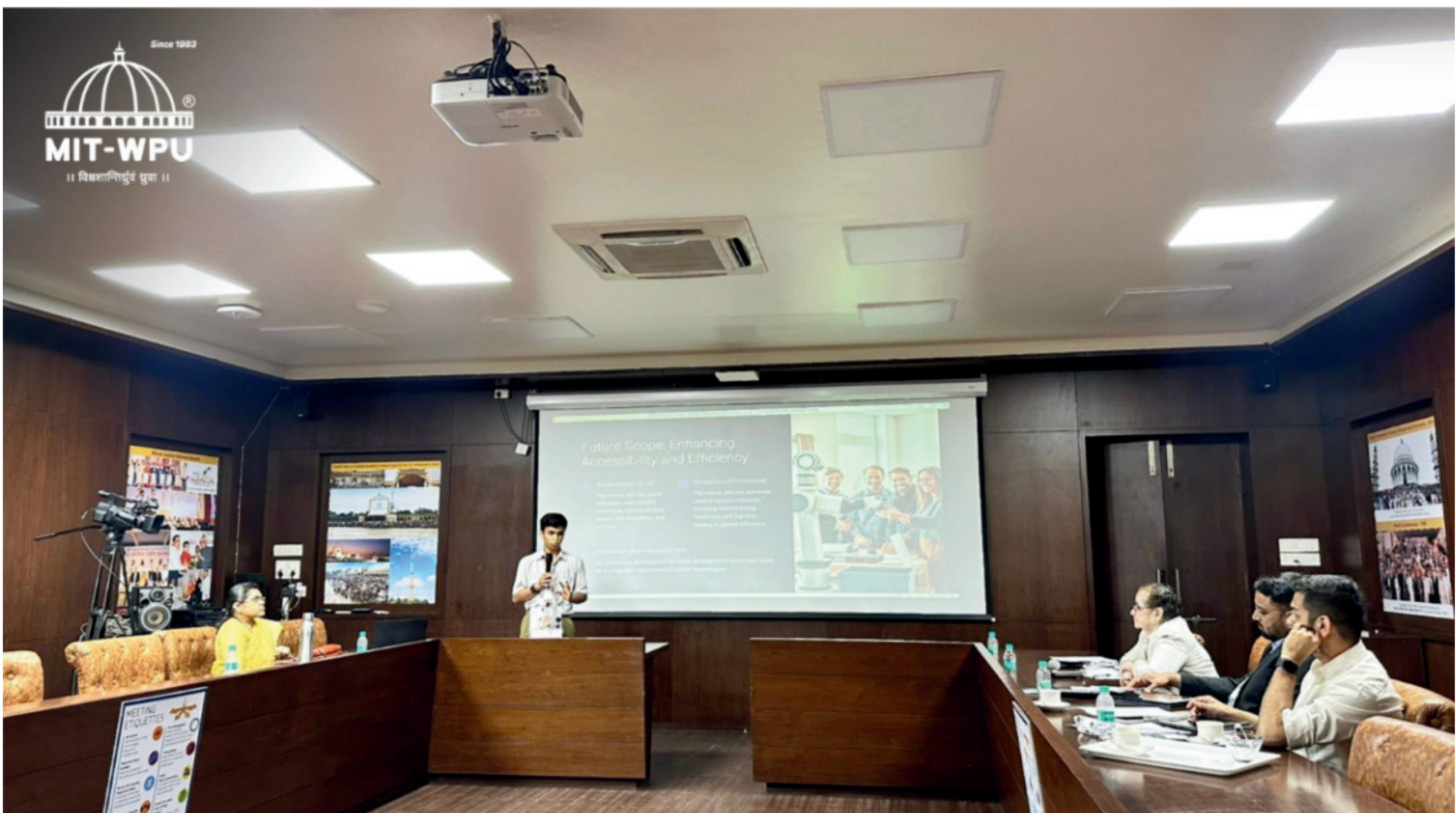
The company holds an Ere copyright for its software, securing its intellectual property.

The panel was impressed by the unique approach and the potential of the system, inquiring about the company's ₹3 Cr valuation and Junnar base, with a ₹1 Cr revenue projection for the upcoming year. They expressed enthusiasm for the product and took contact details for future discussions.

Udyamotsav in images



Udyamotsav in images



Organising Team

MIC & AICTE

Mr. Pradeep Dhage

Mr. Vibham Vyas

MIT World Peace University.

Dr. Milind Pande

Mr. Ninad Patil

Dr. Prashant Iyer

Organising Team

Students

Praveet Gupta
Nishikant Takawale
Godwin Thomas
Aryan Gavali
Sharvari Kulkarni
Prince Gupta
Anusha Survarna
Zara Ahmed
Rushabh Muchhal
Riddhi Attarde
Shravani Bhalerao
Aditya Deshpande
Taher Hussain
Meera Gohil
Ryan Duseja
Dhriti Jain
Utkarsh Bankapure
Kanay Sachdeva

Report Credits

Editor

Riddhi Attarde

Supporting contributors

Apurva Dalve

Janhavi Modak

Anushka Dhanorkar

Shravani Bhalerao