

'TechTop 2025'

World's 1st International Inclusive Innovation Challenge & Bootcamp for School Students

Nov 28 - Dec 4, 2025 @ Maker Village, Kochi, Kerala



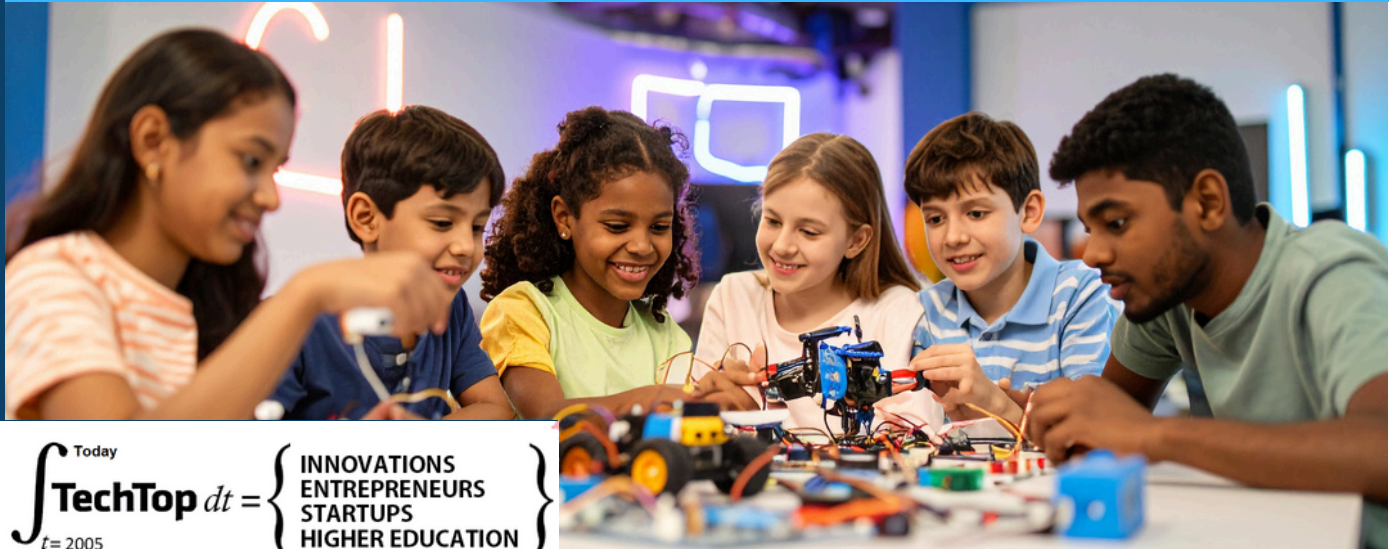
Presents

Int'l Inclusive Innovation Challenge & Bootcamp

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$$\int_{t=2005}^{\text{Today}} \text{TechTop} dt = \left\{ \begin{array}{l} \text{INNOVATIONS} \\ \text{ENTREPRENEURS} \\ \text{STARTUPS} \\ \text{HIGHER EDUCATION} \end{array} \right\}$$

CREATING INNOVATORS AND ENTREPRENEURS SINCE 2006

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*Celebrating
Young
Innovators
Since 2006*

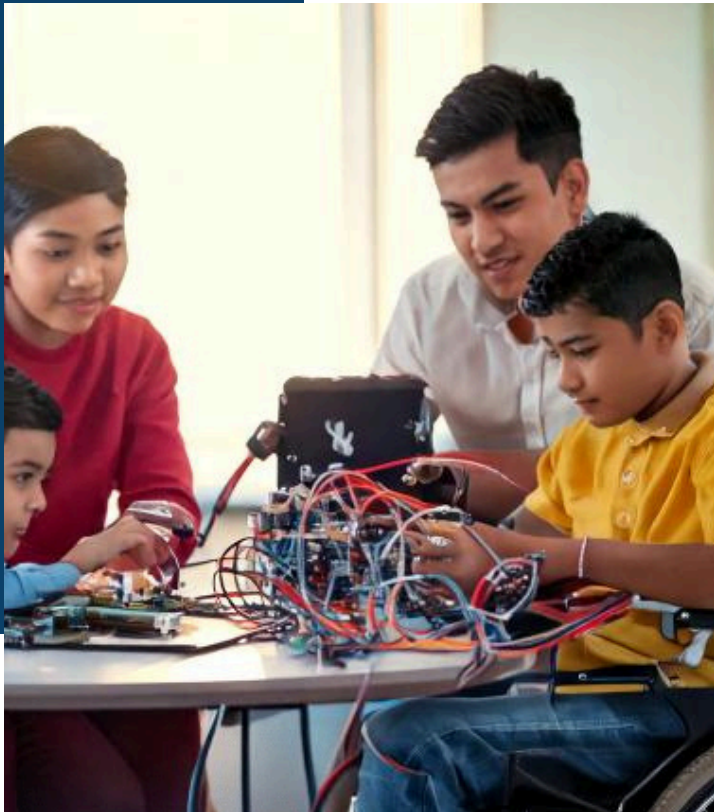
Inviting Entries for TechTop 2025

TechTop International Inclusive Innovation Challenge and Bootcamp hosted by Indian Institute of Information Technology and Management Kerala (IIITMK) invites school students (K6-12) from India and around the world to propose socially relevant, sustainable product and solution ideas aligned with the UN Sustainable Development Goals (UN SDGs). The competition is designed to inspire young minds to think creatively, tackle real-world challenges, and develop innovations that make a lasting impact—advancing environmental stewardship, reducing poverty, reimagining access to education in the wake of Digital boom, improving healthcare, and promoting happiness and prosperity for all.

In the final phase, 30 winning ideas—20 teams from India and 10 teams from abroad—will be selected for a weeklong Zero2Entrepreneur Bootcamp at the State of the art Maker Village of Kerala at Kochi.



India's First Tinkerfest for 600 school students was organised by TechTop in 2017 at Delhi IIT



TechTop-25

Today, with 10,000+ Atal Tinkering Labs spread across schools in India, Tectop continues to serve as a catalyst for the next generation of innovators. Its bootcamps and challenges have inspired thousands of engineering students, instilling the spirit of problem-solving, making, and entrepreneurial thinking.

In 2025, Tectop takes a bold step forward at Tectop 2025 with the 7-day Zero2Entrepreneur International Bootcamp on Innovation & Entrepreneurship, focusing on school students (Grades 6–12) to nurture innovation early through its “Catch Them Young and Handhold” policy.

TECHTOP 2025 will identify brilliant young minds across the world, give them a platform to showcase their genius, connect them with global experts, and provide opportunities to secure mentorships, grants, admissions to top universities, and angel investments—ensuring that their ideas blossom into sustainable solutions for the world.

An Inclusive Event !

TechTop promotes diversity, collaboration, and mutual respect, leading to a more harmonious, progressive and inclusive society. Many of the world’s promising innovations are invented by people with special needs. Then why not include a brilliant Student with Special Needs in teams?



Structure of TECHTOP 2025

The event has two key parts:

1. **Innovation Challenge** – An international open call for school students (Grades 6–12) to submit innovative proposals for solutions aligned with the United Nations Sustainable Development Goals (UN SDGs).
2. **Bootcamp** – A week-long intensive mentoring, making of the selected best ideas, and networking program for the 20 shortlisted innovators/teams culminated with the TECHTOP 2025 Award Ceremony and Exhibitions.

Innovation Challenge

Theme:

Students are invited to propose products or services that solve a problem in any one of the 17 UN Sustainable Development Goals (SDGs).

Eligibility:

- Open to school students from Grade 6 to Grade 12.
- Entries may be individual or team-based (maximum 3 members per team).
- Teams are encouraged to include diverse members (gender diversity, inclusion of differently-abled students, neurodiverse learners, etc.).

International Bootcamp

7- Day Zero2Entrepreneur Bootcamp

TechTop Zero2Entrepreneur Boot Camp is for the final shortlisted 20 entries in the Innovation Challenge. Selected Participants will undergo 7 days of hands own experience where they will be trained to make their innovative ideas into real-time products or solutions under the guidance of world’s most sought trainers, professors and professionals from IITMK, IITD/M, MIT, Stanford, Cambridge, Oxford and the crafted technicians from the Kerala Maker Village, a MIT Fab Lab. The camp is curated by Prof. Rajesh Nair of MIT.

‘There’s More to Explore’



TECHTOP 2025 Challenge Process & Rules

1. Registration:

- Students/teams submit a brief concept note (1–2 pages) describing their idea, problem statement, proposed solution, and expected impact.

2. Selection of Top 100 Ideas:

- Expert jury reviews all entries.
- Top 100 ideas will be announced.

3. Virtual Hackathon:

- The shortlisted 100 teams will undergo an online hackathon where they refine their ideas, invent their BOQs, learn rapid prototyping clues, and receive expert feedback.

4. Finalist Selection (Top 20 Ideas):

- The best 20 ideas with high impact potential and alignment with SDGs will be selected and teams will make the final product at the Maker Village Kerala under expert guidance.

5. Bootcamp:

- Finalists attend a week-long bootcamp, mentored by global experts at Kerala Maker Village at Kochi.
- Ideas will be developed into working solutions or prototypes.
- Special sessions include:**
 - “Zero to Maker” workshop by Prof. Rajesh Nair (MIT/Techtop) assisted by the professors of IITMK and Kerala Maker Village Fab Lab experts.
 - Hands-on sessions on design thinking, prototyping, pitching, and scaling by expert professors and professionals from IITM, IITD, Oxford, Stanford, Cambridge.

6. Exhibition & Awards:

- Completed prototypes will be displayed in award celebration exhibition on the grand award day to the public and media.
- Expert judging panel will evaluate all entries based on innovation, impact, inclusivity, sustainability and scalability.

Awards & Cash Prize

7. Awards & Recognition:

- Prizes: First, Second, Special Awards for All-Girls Team, and best Inclusive Team.
- Cash Prizes & Certificates

Every finalist receives:

- Certificates
- 2 Maker Kits from Encube Labs
- Free admission to Cybersquare Digital Learning Platform
- Free admission to Vedantu Online Tuitions & Entrance Coaching programs
- Guidance for The Road to IVY admissions pathway to top global universities by Indic AI
- Lifetime access to the Techtop Professional Guidance Network, connecting with leading scientists and researchers worldwide.
- Kerala Startup Mission support for future enterprises

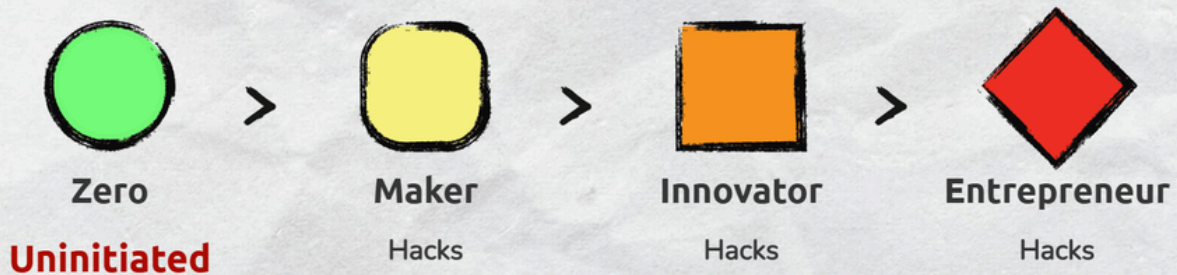
Believe in ‘Your Perspective’, Keep Innovating’

FRAMEWORK

Can an innovation-driven and entrepreneurial mindset be nurtured?

The Zero2Entrepreneur framework developed by Professor Rajesh Nair as a part of his research at MIT suggests that the answer is YES.

The Zero2Maker program has been developed on this premise. It covers the journey of a young mind from being uninitiated to being immersed in the art and science of making.



Explore, Experiment, Expand, Elevate, and Emerge.

Innovation Challenge

TIMELINE, DATES TO REMEMBER and NOTE

Challenge Submission opens @ techttop.org from Sep 15, 2025

Innovative Idea Pitch Submission last date: Oct 15, 2025

Announcement of the Best 100 Ideas: Oct 25, 2025

Online Hackathon for Shortlisted 100 entries: Oct 25 - 28, 2025

Declaration of the Best 20 Entries: Nov 1, 2025

Zero2Entrepreneur Bootcamp for Making of the best 20 Entries

Bootcamp: November 28 - Dec 4, 2025

Venue: Kerala Maker Village, Kochi, India

Note: Cash prizes for the winning team and runner-up, all Girls team, all-inclusive team (the team consists of a minimum of two Children with Special Needs (CwSN) and an able-bodied student or all CwSN).

Entry to the camp will be based on merits and selected ideas.

Students from India will receive 3Tier AC Train ticket fare.

All the 60 students selected for the Boot Camp will be provided with free accommodation, food and local transport at Kochi.

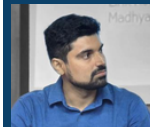
Hosts



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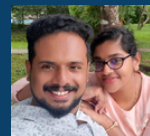


TechTop Innovation Challenges 16000 students over 400 startups



“Winning the TechTop innovation challenge was the spark that turned my ideas into reality, fueling a dream beyond imagination.

Er. Pulkit Sapra, 2014 winner
Raised Line Foundation, IIT Delhi



The same team that competed in TechTop 2012 & 2013 went on to start our first company, grew together as a family, and today we're building our second company with the same spirit and determination.

Jerry J Martin & Linda Ann James
Ferax Technologies Pvt. Ltd.
Ferax AI Labs Pvt. Ltd.

Prof. Rajesh Nair, Chief Catalyst



Prof. Rajesh Nair, Founder of TechTop and CEO of EnCube Labs, boasts a diverse background as an engineer, designer, serial entrepreneur, and educator. He received master's degrees from MIT.

(Engineering & Management), UMass (Manufacturing Engineering), and IISc (Electronic Product Design), and holds 13 US patents. He has made significant contributions to innovation. His research at MIT as a student and at the Asia School of Business as a faculty member focused on training school and college students to pursue entrepreneurship. Rajesh's mission is to cultivate one million entrepreneurs through his impactful work.

“Innovation is the spark that reshapes humanity.”