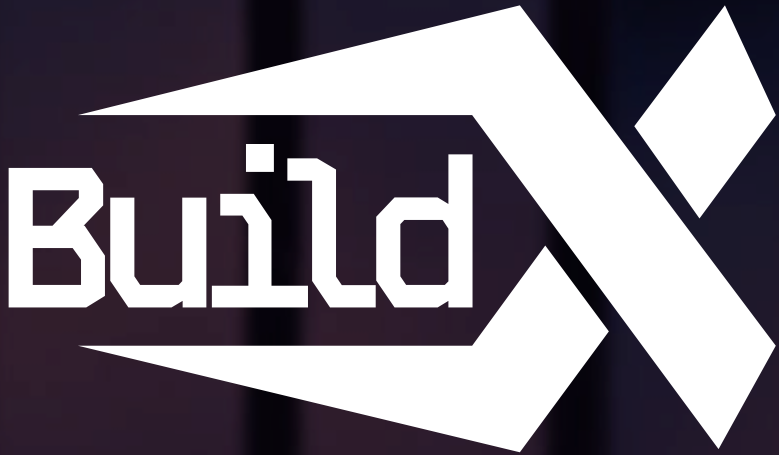




PHYSICAL AI & SOFTWARE CHALLENGE

About Blankspace Community

Blankspace is a different kind of student community - built with love and passion, free from hierarchy or faculty oversight, and driven purely by creation. What began as a small WhatsApp group in 2022 has grown into a thriving collective of students who believe in building without waiting for permission. Starting with fewer than ten members, united by the desire to work on projects that mattered beyond the syllabus. The name reflects our mission to fill the gaps in traditional education with creativity, collaboration, and practical skills. Today, Blankspace stands as a platform for independent creation, where students explore ideas, build projects, and learn together - guided not by rules, but by passion.

About Amal Jyothi College of Engineering

Amal Jyothi College of Engineering (AJCE) is a pioneering institution dedicated to nurturing innovation, creativity, and technical excellence. Established with a vision to empower students through quality education and hands-on experience, AJCE has become a hub for engineering talent and entrepreneurial spirit. The college fosters a vibrant community where students collaborate, experiment, and bring ideas to life - bridging the gap between classroom learning and real-world application. With a strong emphasis on research, industry partnerships, and holistic development, AJCE continues to inspire future engineers to lead with knowledge, integrity, and passion.

About BuildX

BuildX 2026 is a Product Innovation Challenge organized by Blankspace Community, created to give college students across Kerala a platform to transform their ideas into practical, real-world solutions. The event brings together young innovators, developers, designers, makers, and technology enthusiasts to explore problems, develop creative solutions, and turn concepts into working prototypes.

BuildX features two categories - Hardware and Software - allowing participants to build solutions using technologies ranging from embedded systems, IoT and electronics to AI, web, mobile and digital products.

The competition begins with an online idea submission phase, where teams present their concepts for evaluation. The best 50 teams will then advance to the physical BuildX challenge at Amal Jyothi College of Engineering, Kanjirappally, where they will spend a full day building, refining and presenting their solutions.

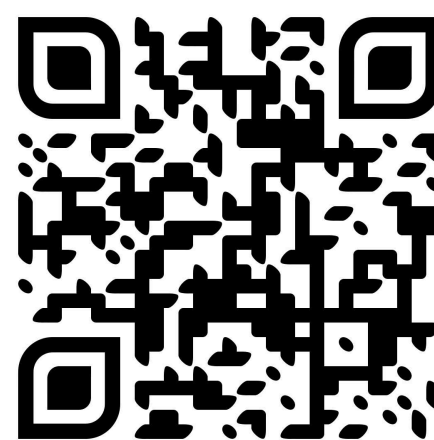
More than a competition, BuildX is an opportunity to learn by building, collaborate with fellow student innovators, solve meaningful problems, and take an idea one step closer to becoming a real product.

Hardware

&

Software

Deadline: 13th September



Register Now

Rules and Guidelines

- All team members must belong to the same college.
- All teams must participate in either Hardware or Software.
- A member cannot be part of multiple teams at phase 2.
- All teams must submit their own original idea. Plagiarism or misrepresentation is not permitted.
- The use of AI based development tools is allowed.
- Phase 1
 - Submit your idea online before 13 September 2026.
 - Top 50 teams will be selected
 - Results will be announced on 19 September 2026.
- Phase 2 - Physical Event
 - Shortlisted teams must attend BuildX 2026 at AJCE on 26 September 2026.
 - Arduino is NOT compulsory. Arduino boards will be provided to all Hardware teams for use during the physical event and must be returned as instructed.
 - Any damage caused to the provided boards or components during the event will be the financial responsibility of the respective team.
 - Any sensors or additional components required may be brought to the event by the teams.
- Everyone must meaningfully develop and demonstrate their solution during the BuildX challenge.
- Participants are expected to maintain professional conduct and follow the instructions of the organizing team.
- The decisions of the organizers and judging panel regarding selection, disqualification and winners will be final.

Phase 1

Closes 13 September 2026
Online

- Team Registration : 2 – 4 members
- Things to submit
 - Title
 - Project Brief
 - A presentation explaining your project
- Complete Team Registration: ₹200

Hardware / Software

10 September - Webinar on Arduino UNO Q

13 September - Submission Deadline

19 September - Shortlist Announcement

Phase 2

26 September 2026
Amal Jyothi College of Engineering

- Top 50 Shortlisted Teams Report to AJCE
- Full-Day Build Challenge 9:00 a.m. - 5:00 p.m.
- Develop & Refine the Solution
- Test the Prototype
- Live Demo & Presentation
- Final Evaluation
- Best Hardware & Best Software Winners Announcement
- 26 September 2026 - BuildX Physical AI Hackathon @ AJCE

Prize Pool

Prizes worth over ₹30,000

Hardware Prize Pool

4 x Arduino Uno Q
worth ₹27,000

Awarded to the team with the most creative and technically impressive hardware/IoT solution.

Software Prize Pool

₹5,000

Awarded to the team with the most impactful, innovative, and well-executed software solution.

Sponsors

Hardware Partner



As the Prime Hardware Partner of BuildX 2026, Arduino supports the event by providing hardware resources for participating Hardware teams during the physical challenge. Arduino also supports the Best Hardware Project with Arduino UNO Q boards, helping the winning team continue building beyond the event.

Register Now



<https://buildx.blankspacecommunity.in>

Click Here

www.blankspacecommunity.in

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