



Blueprint

Event Details



What Is Blueprint?

On March 30th and 31st, We are running a 2 day hardware hackathon called Blueprint (formerly RoboticsCon) in which students from grades 6th to 12th learn about the foundations of robotics and work in teams to build real-world solutions.

What Is A Hackathon?

A hackathon is an event in which people develop something over a short period of time to cater to a specific theme. Hackathons aren't only about the projects that people build, it's also about lifelong learning and building collaborative skills. They're also a place where you can build something that you're truly proud of.

Why Should you join

Hardware hackathon's like Blueprint, foster innovation by challenging teams to prototype creative IoT devices or solutions with limited resources, building working demos that build impressive portfolios for university applications



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What will students **Receive** ?

- Arduino starter kits (includes sensors, wires, breadboards, and basic electronic components)
- Sensor kits (1 is provided per team)
- ESP-32 (for advanced category)
- Lunch and afternoon snack

What students are **expected** to bring?

- A laptop with charger
- Morning Snack (if required)
- USBC to USBA dongle (only if your computer has USB ports)
- A Water bottle (to stay hydrated)

What students can wear

Dress Code: **Smart Casuals.**

Girls are instructed not to wear any sleeveless or short dresses and boys should not wear shorts/ funky clothes. Jazzy ornaments are not allowed. **Jeans and T-shirts are preferred**





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Event Flow

March 30th | Day 1

TIME	DETAILS
8:30 - 9:00	Registration
9:00 - 9:40	Opening ceremony
9:40 - 11:00	Workshop session 1
11:00 - 11:10	Short Break
11:15 - 13:00	Workshop session 2
13:00 - 13:30	Lunch
13:30 - 14:40	Workshop Session 3
14:50 - 17:00	Build session 1
17:00 - 17:15	Snack Break
17:20 - 18:30	Build session 2
18:30 - 19:00	Dinner
	Wrap Up



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Event Flow

March 31st | Day 2

TIME	DETAILS
9.00-11:00	Build Session 1
11:00 - 11:10	Short Break
11:10 - 13:00	Build Session 2
13:00 - 13:30	Lunch
13:30 - 16:00	Build Session 3
16:00 - 16:15	Prep Time
16:20 - 18:00	Judging session
18:00 - 18:10	Snack Break
18:15 - 19:00	Awards

Blueprint 2026



Brought To You By The GIIS Robotics Club