TESLA

National Institute of
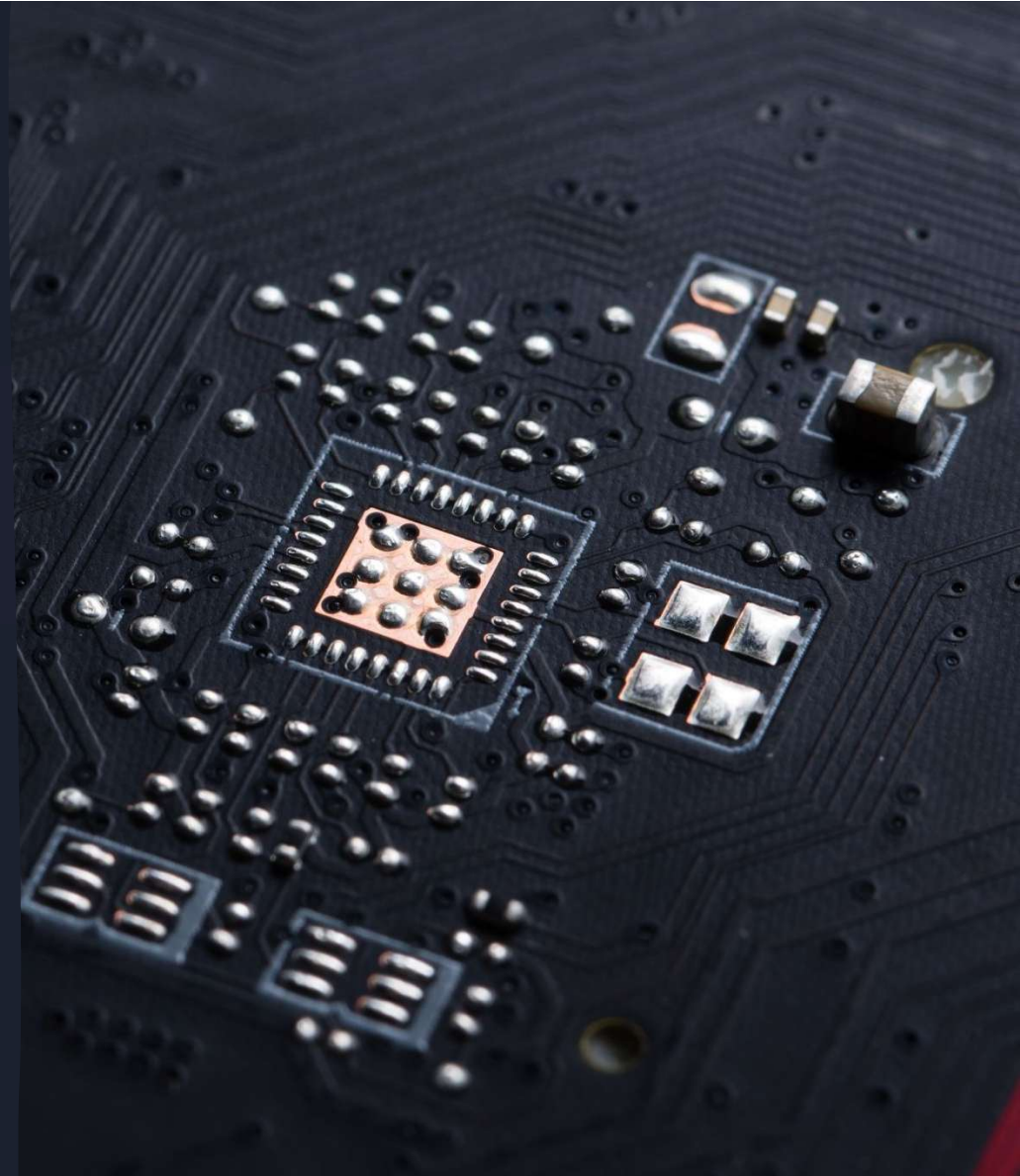Technology Patna

TESLA NITP Presents

HARD CON-CORE

"Unleash Innovation: Build Tomorrow's Hardware Today!"

📅 Date: 21-22 Feb' 25

Connect with Us: in X 📷

About Our Club

TESL A (TECHNICAL ELECTRICAL SOCIETY FOR LEARNING AND APPLICATION) VISIONS TO PROVIDE A PLATFORM FOR ELECTRICAL ENGINEERING STUDENTS TO INTERACT AMONG THEMSELVES IN ORDER TO TRANSFORM THEIR IDEAS INTO REALITY.

IT EMPOWERS ITS MEMBERS TO COLLABORATE WITH EACH OTHER AND FORMULATE STRATEGIES FOR INTEGRATING TECHNOLOGY TO MAXIMIZE RESULTS.

IT MOTIVATES THE STUDENTS TO BE AWARE OF NEW INNOVATION TECHNOLOGIES AND KEEP EXCELLING THROUGH THEIR ACADEMIC AND INDUSTRIAL ACTIVITIES.

# Message From Our Professor-InCharge

We wholeheartedly welcome you all to TESL A (Technical Electrical Society for Learning and Application), a club of NIT Patna focused on activities and events carried out by electrical engineers. The initiative for the formation of this club had been taken by a bunch of electrical engineering undergrads of 2019 with the vision of providing innovative programs and services for Electrical Engineering students of NIT Patna to lead, influence, and contribute to their communities locally, nationally, and globally.

Meet Our Team Members

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OUR EVENTS
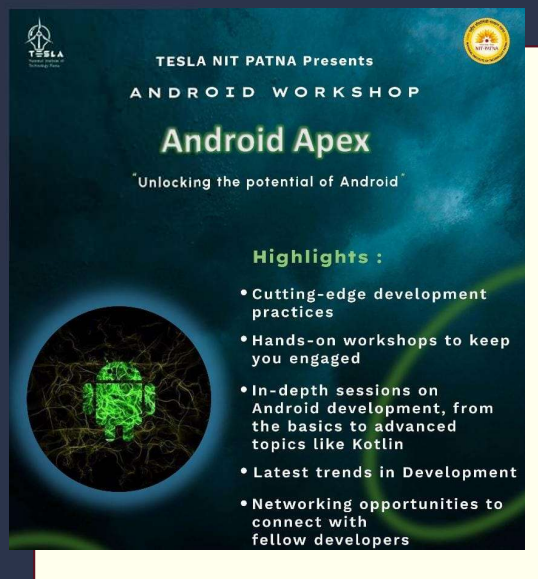
"ANDROID APEX" was a two day event organised by TESLA where a number of students were empowered to excel in the world of android development. The workshop enabled the students to understand the fundamentals of app building through Kotlin. The event was sponsored by "Airspace Globe" .They generously contributed INR 5,000 to our club to support the organization of the event.

"VIMANTRIKI: The Drone Workshop", hosted by the Tesla Club, was a true journey into the future of drone technology. The workshop transcended the traditional boundaries of theoretical discussions, offering participants a hands-on odyssey through the practical intricacies of drones. This event was in collaboration with "Aerowings Technologies" which assisted the club by providing food discounts to the participants.

Tesla Club organized exclusive FDP course on "Blockchain Technology for Next-Generation Applications" in association with Electronics & ICT Academy and Algorand Foundation!

"AlgoCamp" is a workshop in partnership with Algorand, focusing on blockchain and WEB 3 technologies. It offers a platform to learn, network, and engage with industry experts, exploring the latest advancements and their potential impact on different sectors.

TESLA conducted an IoT based event called "INNOVOLT" under "OHM" in TCF'24 which was solely focused on EVs. The event was conducted in two rounds. The first round was called MINDWITZ which was a STEM based problem solving round along with the Design challenge totally focused on EV. In the second round TECHEXPO, the teams will be provided with some components and they had to EVs .

CodeCon was our month-long open event, designed to kindle the enthusiasm of emerging open-source enthusiasts. At our technical club, we're all about fostering a culture of collaboration and innovation within the open-source community. We aspire to embark on this exciting journey of coding, learning, and embracing the spirit of open source!
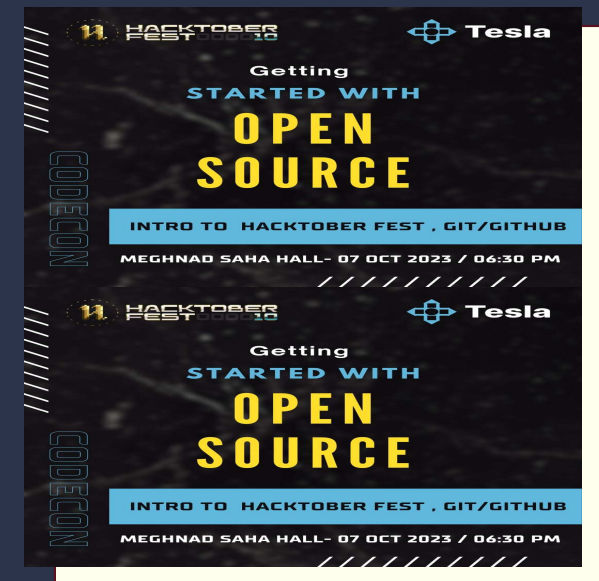
"ABHIVRITI" is an annual event organized by TESLA for the freshers. It is a quiz event for the new joiners to brush up their critical thinking and problem solving skills. Every year , a number of students take part in it and win exciting prizes.

"EDUDAO" was an info session regarding EDUDAO HACKATHON (a global hackathon) that aimed to motivate and guide the students to tackle real-world challenges through hackathons and empowering students with skills and knowledge for hackathon success. It covered topics like ideation, problem-solving, rapid prototyping, and teamwork.
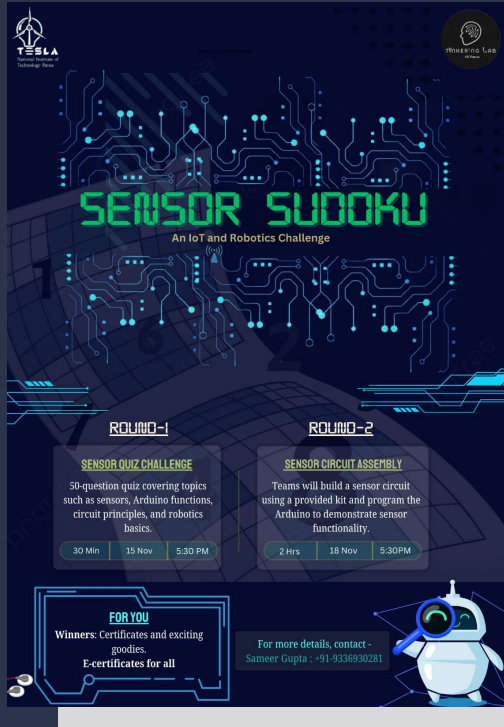
TESLA organized a quest GEEKS CHALLENGE 1.0 in collaboration with GeeksforGeeks in order provide students with opportunities to enhance their coding and DSA skills and foster their growth and develop themselves. The top-three rankers were honoured with GFG kits and all the participants were awarded with E-certificates.

TESLA NITP conducted a series of sessions on exploring innovative ideas for promoting sustainability across various industries. From renewable energy integration to sustainable practices in manufacturing and beyond, we explored the diverse facets of green technology and its potential to drive positive change.

TESLA in collaboration with Tinkering Lab , organized an event named **"SENSOR SUDOKU"** , an IoT and Robotics challenge intended to help the upcoming engineers dive into the world of sensors ,arduino and bots. The first round was a quiz round through which a handful of top scorers were picked for the final round. Final round was the project making round where the participants were given a chance to make a project of their choice and the best of them were declared as the winners. The event not only unveiled a new dimension to the participants but also taught them to turn theoretical learnings to hands-on experience.

WHY SPONSOR US

Why Partner With Us?

Collaboration with Tesla Club NITP on this event offers your company several benefits:

➤ **Brand Promotion:** Gain visibility among hundreds of top engineering students at NITP, many of whom are potential future leaders in the tech and hardware industry.

➤ **Talent Acquisition:** Engage directly with some of the brightest young minds in the country and identify potential recruits with exceptional technical and problem-solving skills.

➤ **Product Promotion:** Showcase your company's latest technologies, tools, and products during the hackathon, fostering greater brand recognition and adoption.

➤ **Networking Opportunities:** Build connections with academia and the student community, strengthening your company's position as a leader in the hardware innovation ecosystem.
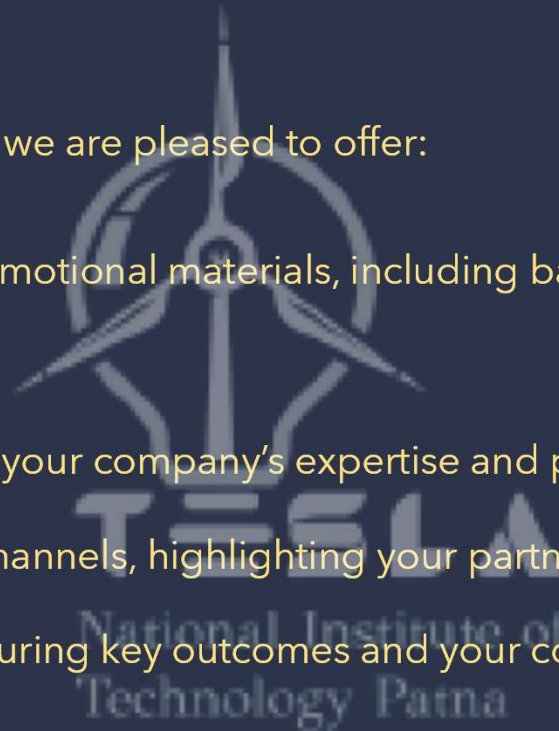
HOW CAN YOU COLLABORATE

We envision a partnership where your company plays a key role in ensuring the success of this hackathon. Here are some ways you can get involved:

➤ **Sponsorship:** Gain visibility among hundreds of top engineering students at NITP, many of whom are potential future leaders in the tech and hardware industry.

➤ **Workshops and Mentorship:** Conduct pre-hackathon workshops or provide mentors to guide participants during the event.

➤ **Prizes:** Sponsor attractive prizes for winning teams to motivate participants.

➤ **Judging Panel:** Nominate representatives from your company to be part of the judging panel.

➤ **Exhibition Booths:** Set up an exhibition booth to display your products and interact with participants.

WHAT WE OFFER

In recognition of your collaboration, we are pleased to offer:

- ✓ Branding opportunities on all promotional materials, including banners, posters, and the event brochure.

- ✓ A dedicated session to showcase your company's expertise and products.

- ✓ Social media promotion on our channels, highlighting your partnership.

- ✓ A detailed post-event report capturing key outcomes and your company's contributions

THANK YOU!