MANIFESTO

I, **Saurabh Gupta (22B4227),** if elected as the **General Secretary, Technical Affairs**, would dedicate myself to catering to diverse student communities with customized initiatives enhance hands-on technical engagement and foster a collaborative learning environment. During my tenure, I propose to do the following:

HIGHLIGHTS

- Establish a **Tech Shop** to provide students and tech teams with affordable and seamless access to equipment and resources for building and prototyping tech projects
- Establish a **GameDev Community** and a **Web3 & Metaverse Community** to connect students passionate about these domains as well as gather talent for Inter IIT problem statements
- Revitalize **InstiX** as a hardware-centric body focused on creating innovative solutions like the laundry queue management and other projects that improve campus life, and contribute to hardware-driven advancements

TECH TEAMS

- Organize session for ITSP finalists and tech team leads on professional team management and organization, featuring expert speaker form industry
- Collaborate with Development and Relations Foundation office to connect tech teams and communities with industry and alumni, enabling **mentorship**, resources, and collaboration opportunities

PG TECH

- Revamp **PG Tech** Weekend to boost PG participation with ITC clubs by adding hackathons, hands-on activities, to foster learning, and community-building from the moment PG students arrive
- Facilitate **paid project opportunities** from alumni-led startups, allowing to work on real-world challenges while gaining experience and contributing to entrepreneurial ventures

INNOVATION IN INSTI TECH

- Assist groups focused on **animal welfare**, through animal health monitoring and databasing portal
- Float projects in collaboration with **IDC**'s Studio that integrate **design thinking** and functional tech, ensuring that projects are innovative, practical, and user-centered for real-world impact
- Launch **Xportal**, a platform where students can propose projects, compile ideas, request mentorship, and seek resources, establishing a long-term hub for innovation and mentorship

ENTREPRENEURSHIP

- Conduct a **Prototype to Product** workshop in collaboration with Institute Innovation Council, focusing on business, finance, and tech to help students turn their ideas into viable product

- **Careers in Tech:** Organize alumni-led sessions to provide industry insights, mentorship, and career guidance, helping students navigate opportunities and gain real-world exposure beyond academics

RESOURCES

- Develop a comprehensive **repository** for national and international competitions and hackathons providing detailed information on events throughout the year, so students can stay informed and engaged
- Conduct workshops to publicize area of expertise of tech teams, which will further be leveraged for their recruitment process
- Collaborate with FOSSEE to conduct workshops, promoting the use of **open-source software**

HOSTEL TECH

- Ensure that GCs are incentivized to by encouraging industry collaboration and queries of Tech Councillors are considered, enabling more hostel participants
- Push for group discussions in hostel lounges to create an informal setting, where seniors talk about current tech trends, research projects or start-ups

OUTREACH

- Release ITC's Fresher Introduction Video to outline tech goals and inspire new students to get involved
- Organize Monthly Movie series with ITC, offering a fun and relaxed environment for students to unwind, watch movies, and connect with peers

INTER - IIT TECH MEET

- Revamp the YouTube series Inter IIT Diaries into **The Inter IIT Odyssey**, featuring past participants' experiences and insights on past problem statements to inspire students' participation in Inter IIT Tech
- Organize dedicated resources and a workshop to improve presentation, design, and communication skills, helping **Inter IIT contingents** effectively convey their ideas and deliver engaging, well-designed presentations

MISCELLANEOUS

- Launch a **bug bounty** program to encourage students to identify and fix security vulnerabilities in institute projects, offering rewards for reported bugs and fostering a culture of proactive problem-solving
- Strengthen **ITC Culture** by bring clubs, communities, and tech teams closer by encouraging collaboration, via interdisciplinary initiatives
- Quarterly Engineering Challenges: Organize quarterly challenges in collaboration with Centres of Excellence

CREDENTIALS

- Convenor, Electronics and Robotics Club   [2023-'24]
- Senior Design Engineer, Avionics, Team Rakshak   [2023-'24]
- Core Team Member, IMechE UAS Challenge 2024, Rakshak
- Investment Analyst, Investment Team, Finance Club   [2023-'24]