

# MANIFESTO

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## Kush Taneja

For **General Secretary Technical Affairs**

### Vision

I, Kush Taneja (15119024), if elected as General Secretary of Technical Affairs (GS Tech), will strive hard to employ usage of technology for eliminating redundancies in multiple administrative processes, I shall commit myself to empower technical groups of campus by fulfilling their resource requirements, increase their outreach and aid them with frictionless operation and managerial functioning.

### Digital IIT Roorkee

Transform IIT Roorkee into a digitally empowered campus.

- **Paperless Campus:** Numerous applications and forms in IIT Roorkee are processed through a lot of paperwork, such as Semester Registration, Bonafides, Scholarships etc. Adoption of alternatives like digital signatures (e-signing protocol) and increased usage of IITR Webmail can help streamline the processes as well as increase the transparency in working of the institute at bhawan and central administration level.
- **Cashless Transactions:** Integration of mobile payment/ digital payment methods available at all the prominent locations across IIT Roorkee. (Bhawans, Administration, and Hospital etc.).
- **Digital Notice Boards:** Print media is used at prime locations such as ECE Circle, MAC Atrium and bhawan notice boards on a regular basis, which results in wastage of resources. Installation of physical digital boards at such locations can help curb it.
- **Online Venue Bookings:** Online booking of venues for various students activities and events to maintain a common record, increase transparency and hence, avoid clashes of bookings.
- **Transparency of Information:** Development of websites and mobile apps wherever necessary so as to make systems and processes more transparent (Funds, decision making, rules and regulations).
- **One For All:** Facilitate the unification of student and faculty details in a central database for ensuring uniformity across all platforms such as IITR Webmail, acad.iitr.ac.in, Channel-i, Appetizer and other future applications. This can be powered by Advaita (ERP Project [\[link\]](#)) and can aid the implementation of RFID cards linked with digital identity.

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## Technical Projects

1. **Opportunities Portal:** Create a platform where anyone can post opportunities (Freelance projects, Internships & Jobs) for IIT Roorkee students; a dedicated team under Students' Technical Council will be formed to manage the operations of the portal and maintain authenticity of content.
2. **Platform for change:** I believe that no one is powerless and making change can be a part of everyday life. Create an open platform (like [change.org](https://change.org)) with room for a wide range of perspectives so everyone can take action on the issues they care about.
3. **GS Meter:** General Secretary Performance Meter in collaboration with Watch Out. Watch Out to conduct mid year and end year work review of all the general secretaries and compare it with their manifestos.

## Students' Technical Council

1. **Inter-Group Collaboration:** Organise regular brainstorming sessions with the groups of students' technical council and facilitate the formation of a core team from all the interested groups to work upon various executable project ideas.
2. **Involvement of PG/ PhD:** Motivate groups to conduct more workshops/ guest lectures at PG/ PhD bhawans, and to create awareness about the working of various groups in STC.
3. **Free Certified Courses:** Free certified courses on topics not covered in academic curriculum like Blockchains, Artificial Intelligence, Robotics etc open for all.
4. **Online Events Calendar:** Improve tracking and outreach of events conducted by groups of STC by implementing an online events calendar on STC website.
5. **Media outreach:** Collaborate with the institute media cell to publicise the achievements and projects taken up by the council; this will also motivate students to participate in competitions both at National and International level.
6. **Wall of Honours:** A Wall of Honours will be set up for recognition to achievers and display project ideas of different teams who represented IIT Roorkee in national and international level competitions.
7. **Finance and Resources:**
  - 7.1. Association with retail services for discounts in mass purchase of common goods and services used for various projects under council like stationary, sensors, batteries etc and provision of coffee machines/ pantry for groups of STC
  - 7.2. Support for purchase of enterprise licenses such as Slack, Github, Microsoft Office, Sketch, Amazon Web Services etc. for the students
  - 7.3. Regular updation of the expenditure and available resources of groups of STC on the official website of STC
8. **Corporate Relations and Sponsorship Team:**
  - 8.1. Collaborating with startups and companies to generate sponsorship for various projects taken up by the students on campus in collaboration with Corporate Interaction Group and Entrepreneurship Development Cell.

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- 8.2. Create a marketing brochure for the council including all the important projects and share with companies for sponsorship. The sponsorship may be in terms of goods, services or direct funding.
  - 8.3. Conduct various workshops, sessions for the institute in collaboration with leading corporates on various technical trending topics.

## Srishti

Srishti - The Annual Techno Hobby Exhibition shall be conducted in spring semester in the month of February - March

1. **Restructure:** Focussing more towards making Srishti a Product Expo along with Technology Expo. Help in simplifying administrative and operation logistics for taking forward potential projects which can be implemented in real life
2. **Valedictory Ceremony:** Conduct a valedictory ceremony where the project winners will be facilitated by the chief guest of Srishti.

## Tech in Bhawans

- **Bhawan website:** Online registration, complaint portal, notices, visibility of resources in bhawans
- **Inter-Bhawan Tech Meet** to be conducted in the Autumn Semester
- **Other Events and Workshops:** Taking up the responsibility to mediate communication between groups of STC and Bhawan Technical Secretaries to conduct hackathons, case study competitions, business plan competitions, design & innovation challenges, technical workshops etc at bhawan level with increased efficiency & minimum friction

## Inter IIT Tech Meet

IIT Roorkee's achieved an overall second position at Inter IIT Tech Meet 2018. Keeping up with the achievements and to unleash the potential of the talented pool I would work upon providing **Sponsorship and Mentorship** from industry level experts and our alumnus in collaboration with Institute Alumni Relations Cell, for various technical projects in Inter IIT Technical Meet.

## Co-Working Spaces

Our institute has a burgeoning community of thinkers, innovators and change makers. However, the needs of this growing community are not entirely fulfilled by the institute as of yet. There is a dearth in the number of meeting-hubs, co-working spaces, and rooms for discussion within the institute where the students can meet and discuss their ideas. Thus, I propose to allocate dedicated workspaces and meeting rooms.