

**Proposals for**  
**General Secretary Technology**  
**Technology Students' Gymkhana**  
**Indian Institute of Technology Kharagpur**  
**Academic Session 2024-2025**

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# **PROPOSAL-1:- Addition of Innovative Events (Equity Research, CyberTech and Gamedev)**

## **OVERVIEW:-**

In a bid to foster a culture of innovation and excellence across all facets of technology. I'm excited to announce groundbreaking events designed to ignite creativity, problem-solving and technical mastery in our community.

Initially, I will be organizing an event centered on equity research aiming to cultivate strategic thinking and innovation in financial analysis. Through the adoption of cutting-edge financial concepts and deep market analysis.

Adding to this in my quest to nurture innovation at every turn and to solidify the performance of Indian Institute of Technology Kharagpur in INTER IIT Tech Meet, I'm proposing two distinct events catering to different aspects of technical prowess and niche.

The Cybersecurity Hackathon will immerse participants in hands-on problem-solving, tackling cybersecurity challenges head-on through collaboration and ingenuity. Meanwhile, the Game Development Hackathon will push the boundaries of creativity and technical proficiency, inspiring participants to create immersive and captivating gaming experiences.

## **PROPOSAL:-**

1.

- a. I propose collaboration with industry experts and financial institutions to conduct the Equity Research Competition. This competition will be held as an OPEN IIT event and will serve as a centralized hub for participants to showcase their talent in the realm of finance.
- b. The Cybersecurity Hackathon will serve as a premier platform for participants to demonstrate their prowess in addressing critical cybersecurity challenges. I will collaborate with leading cybersecurity firms and experts for sponsorship of the event.
- c. I also propose an immersive Game Development Hackathon, designed to inspire creativity and technical proficiency among participants. This event

will bring together aspiring game developers to create captivating and innovative gaming experiences.

2.

- a. The Equity Research competition will feature a series of challenges where participants will be tasked with conducting in-depth research on publicly listed companies. There will be a basket of companies provided by the sponsors. The teams can choose a company out of the basket and can participate. They will be required to analyze financial statements, cash flow statements, balance sheets, profit and loss statements and management commentaries to prepare comprehensive equity research reports.
- b. The Cybersecurity Hackathon will feature a series of hands-on challenges, providing participants with the opportunity to showcase their problem-solving skills and technical expertise. Teams will be tasked with tackling real-world cybersecurity scenarios, ranging from network security to data protection and beyond.
- c. During the Game Development Hackathon, teams will have the opportunity to unleash their creativity and showcase their skills in game design, programming, and storytelling. From crafting compelling narratives to implementing cutting-edge graphics and mechanics, participants will have the freedom to explore their passion for game development.

3.

- a. To ensure the authenticity and relevance of events, we'll collaborate with industry experts to provide tailored problem statements. Our judging panels will consist of professionals from sponsoring companies, esteemed professors from institutions like Indian institute of management and Vinod Gupta School of Management for the Equity Research Competition, cybertech experts for the Cybersecurity Hackathon and officials from the big game development organizations for game development hackathon mainly companies which will be sponsoring our hackathons.

- b. Pre-event workshops will be conducted by industry experts to increase participation and easy induction of new students interested in these domains. It will also provide a great learning experience and road map for these events and domains.

### **IMPACTS:-**

- Both endeavors are poised to cultivate a fervent interest among participants, offering a profound exploration into the intricate domains of finance, cybersecurity, and game development.
- By actively participating, individuals will not only gain hands-on experience but also develop essential skills vital for navigating future career paths within these industries. This unique opportunity serves as a pivotal stepping stone towards achieving success and making significant contributions in their respective fields.
- These hackathons will also serve as a fostering and nurturing ground to prepare our students for Inter IIT tech as problem statements from game development and Cybersecurity domains are already showing up in Inter IIT tech meets from the past years.

### **GROUNDWORK:-**

After discussing the proposal with the potential companies, they have shown interest in sponsoring the events and hackathons.

I have discussed the Equity Research proposal with Mr. Arnav Bhutda, Head finance at the Business Club. He showed a very enthusiastic gesture and was confident about the success of the event.

I have consulted with contingent captions and various event captions. They have expressed support for the proposed hackathons.

The timeline for both hackathons and Equiquest is targeted for September-October, ensuring ample preparation time and maximum feasibility for participation

# **PROPOSAL-2 :- TECH MAGAZINE (InnoSphere KGP)**

## **IIT KHARAGPUR's Tech Magazine**

### **OVERVIEW:-**

In today's rapidly evolving technological landscape, fostering innovation and entrepreneurship in IIT Kharagpur in the realm of technology is essential. An E-Magazine dedicated to showcasing technological advancements, student initiatives, and entrepreneurial endeavors not only promotes a culture of innovation but also provides a platform for knowledge sharing and collaboration. This proposal aims to establish such an E-Magazine to support and highlight technological innovation within the IIT Kharagpur community.

### **PROPOSAL:-**

1. I propose the creation of an E-Magazine platform under the Technology Subcommittee, Technology Students' Gymkhana Indian Institute of Technology Kharagpur. This platform will serve as a hub for showcasing technological innovations, research breakthroughs, and entrepreneurial ventures originating from the campus.
2. This magazine will be published on a semester basis. We can take inspiration from FORBES or TIME Magazine etc.
3. The E-Magazine will feature a diverse range of content, including:
  - a. Explore the latest advancements in technology worldwide through concise yet detailed articles. These pieces are designed to engage and inform students, offering clear explanations and measurable insights about technical advancements within the world.
  - b. Articles highlighting projects, innovations, and breakthroughs led by students within the institute.
  - c. Profiles, blogs and insights of students who have initiated innovative projects or ventured into entrepreneurship .
  - d. A blog section where members of the IIT Kharagpur community can contribute articles, opinions, and insights on various tech-related topics,
  - e. Collaboration with industry experts, alumni, and tech companies will be encouraged to provide insights and support for the E-Magazine's initiatives. This collaboration will not only enrich the content but also create networking opportunities for students.

- f. Adding up to the impact of a digital technology magazine, we would also include a section to cover the experiences and insights offered by the contingent captains, vice captains and event captains in the respective Inter IIT Tech Meet. The said section would comprise of the problems that they faced while participating and preparing for Inter IIT, their innovative solutions, and an overall experience of how they represented IIT Kharagpur. This would be titled as a blog series within the InnoSphere KGP magazine.

**IMPACT:-**

- By showcasing the technological skillfulness of the institute, the E-Magazine will enhance the visibility and reputation of IIT Kharagpur as a hub for innovation and technological advancement.
- The E-Magazine will inspire and motivate students to pursue their entrepreneurial aspirations and contribute to the technological ecosystem, both within and beyond the institute.
- This initiative fosters seamless interaction between new interested students and pioneers, enhancing collaboration and visibility of campus innovations. With fresh perspectives on the horizon, every innovation becomes more collaborative and visible, enriching the campus environment.
- The blog series would help in encouraging and motivating the students to understand the background work in Inter IIT Tech Meets. Especially inculcating a progressive perception to push forward our tech-centric culture.

**GROUNDWORK:-**

After discussing this proposal with the Editors of Technology Students' Gymkhana, I received a highly enthusiastic and interested response. The Editors expressed confidence in its feasibility and its potential to make a considerable impact on campus.

The proposal was further discussed and approved by the Public Relations Chairperson of Technology Students' Gymkhana, as an innovative and appreciated proposal. To reaffirm the interests of the general student body, I organized a survey through the means of Google Forms, through which I was able to conclude that 77% responses were in favor of contributing towards this initiative.

# **PROPOSAL-3 :- Introduction of creative events aimed at improving the brand identity of Kshitij, IIT Kharagpur**

## **(FrameFusion: Animate Your Imagination)**

## **(KTJ Crusades: Where Tech Meets Tale)**

### **OVERVIEW:-**

In the domains of entertainment and creativity, animation and comic writing holds a significant place, capturing audiences worldwide with its imaginative storytelling and visual powers. As the landscape of animation continues to evolve, it presents an exciting opportunity for aspiring animators and filmmakers to showcase their talent. By hosting an Animation Movie Contest during Kshitij, the annual techno-management fest, I aim to foster a vibrant community of animators while providing a platform for innovation and artistic expression.

Extending this vision of inculcating creativity along with digital art, I also aim to introduce a science and technology fiction comic strip creation event where the participants will be tasked with making a short science fiction comic story based on the theme of Kshitij 2025. These events aim to foster a passion for animation, graphic design, video editing, digital art and creativity among both beginners and veterans. These will also enhance Kshitij's visibility and engagement across the country's student body.

With these comic and animation events I will leverage social media platforms for promotion that will aid in crafting a distinctive and appealing identity for our institute's techno-management symposium.

### **PROPOSALS:-**

1. Collaboration with industry experts and professionals like Indian animation industries and publication houses. I will bridge the gap between academia and industry, offering students valuable insights and opportunities for professional growth.
2. I will contact various individual animation creators (RG bucket list, KirtiChow) for judgment purposes regarding the animation and comic creation event.
3. Prominent animation houses in India such as Village Talkies, Krisha Studio, Brand Animators, Reverse Thought, and 75 seconds could serve as potential sponsors. Their support would enhance Kshitij's organizational value.

4. The Science and technology fiction comic creation event will consist of participants creating a comic strip centered around the theme of Kshitij 2025. This event is strictly open to the students and not any professional artists to maintain uniformity among competition. It also aims to increase the social media outreach and brand image of Kshitij amongst the student community of our nation.

#### **IMPACT:-**

- Elevated Prestige and Recognition: By hosting an Animation Movie Contest and Comic writing contest, Kshitij will elevate its profile as a forward-thinking and inclusive platform, attracting attention from both national and international audiences. This will enhance the reputation of IIT Kharagpur as a hub for innovation and creativity.
- Cultivation of Talent and Innovation: The contest will serve as a breeding ground for nurturing talent and fostering innovation among aspiring animators and filmmakers. By providing a platform for creative expression and experimentation, Kshitij will contribute to the development of cutting-edge techniques and narratives in the animation industry.
- The event will be conducted throughout Kshitij and movies will be shown at Gymkhana arena that will receive a massive audience retention and presence. The comics will be uploaded to Kshitij's official website to increase presence and popularity.
- Along with building an interest for animation, graphic designing and video editing among enthusiasts and beginners alike, these events will also help in publicity and outreach of Kshitij throughout the student community of our nation. Social media is a strong and reliable source of publicity and tapping into its resources will help in establishing a unique and attractive brand image of our institute's annual techno-management symposium.

#### **GROUNDWORK:-**

I have Pitched this proposal to Core Organising Team Heads of Kshitij, who showed keen interest and enthusiasm, foreseeing its potential to elevate the event to greater heights.