

**Proposals
for the post of Vice President,
Technology Students'
Gymkhana,
Indian Institute of Technology
Kharagpur**

Aryansh Singh

OVERVIEW

Proposal 1 - Improvement to Medical Funds, Fire Safety and Gender Inclusivity on Campus: *Relieving the stress of students regarding medical and safety concerns as well as bridging the gap between different genders*

Proposal 2 - KGP ResearchBase: *Increasing accessibility of guidance and resources to promote research culture in the institute*

Proposal 3 - CDC Process: *Optimising the internship and placement process, for students & Placement Coordinators*

Proposal 4 - Enhancing PG & RS Student Life in IIT Kharagpur: *Better preparation for events & career, Enhanced inclusion & Increasing visibility*

Proposal 1

Improvement to Medical Funds, Fire Safety and Gender Inclusivity on Campus:

Relieving the stress of students regarding medical and safety concerns as well as bridging the gap between different genders

Overview and Scope:

1. Medical emergencies have afflicted almost all families at some point in their lives worldwide. The same is true for all members of the IIT Kharagpur community and their families. They affect not only the one afflicted with the illness but also the well-being of their entire family. During the pandemic, we witnessed many cases of the institute's students, staff, and workers **unable to meet the financial requirements** for their medical issues. I propose extending the Students Brotherhood Fund usage to a student's immediate family members and raising the upper withdrawal limit.
2. In the recent past, the fire that had broken out at the Tech market opened the eyes and minds of many to the **fire safety on campus**. In the event of a fire breakout, there are specific steps and procedures to be followed to ensure one's safety. These include having knowledge of exits, the usage of fire extinguishers, and more. Many students do not know how to react in a **fire emergency, and educating them** on this matter is a must. I propose that we revamp the fire safety measures taken by the institute.
3. The very definition of inclusivity means to be open to all and not limited to certain people. I believe in the **inclusivity of all gender groups** to ensure the overall welfare and growth of the KGP family. We are a part of an institute of national importance; hence, every student should feel included irrespective of gender or orientation. We should address and respond to the diverse needs of all learners and provide an inclusive environment ensuring equal participation and safety to learn and excel without fear of discrimination.

Proposal:

1. I propose **extending the Students' Brotherhood Fund** from usage on personal medical/educational expenses to a student and the **student's immediate family members'** medical/educational expenses. The discretion of who is considered to be an immediate family member lies with the Students' Brotherhood Fund Committee (SBFC). The documents submitted for verification would include hospital bills, doctor's prescriptions, and other documents deemed fit by the SBFC.
I also propose to **raise the upper withdrawal limit** of "Donation" to Rs. 1 lakh and "Loan of Honour" to Rs. 2 lakh. Depending on the case, the Students Brotherhood Fund Committee **may decide upward revision** of the aforementioned upper limit to an applicant.
2. I propose to **revamp the fire safety system** on campus by installing more fire alarms and extinguishers at crucial locations, conducting fire drills to educate students on fire safety, and conducting periodic fire safety audits. I propose the following measures:
 - a. Organise **mock fire drills** and fire safety sessions bi-annually at each Hall of Residence.
 - b. Additional duty of the General Secretary Maintenance of each hall to **conduct fire audits** at a biannual level to ensure whether the current fire norms are being met as well as ensure refilling of the fire extinguishers. The cost associated with the suggestions from the fire audits will be included in the Hall General Body Meeting (GBM).
 - c. Installation of **more fire alarms and fire extinguishers** at strategic places like Nalanda, Gymkhana, and Tech Market.
 - d. **Fire audits of all the Academic departments, centres and schools** will be undertaken by the office of that department, centre or school and finally approved by the Head of that department, centre or school biannually. The Civil Construction and Maintenance Section will undertake any sort of rectification found required in these audits.
 - e. These measures would be taken with the **support and guidance of the Kharagpur Fire Brigade**.
3. Inclusion leads to an increase in creativity, innovation and empowerment. I propose the following steps to make KGP **more inclusive** for people from diverse gender groups:
 - a. A session or workshop dedicated to promoting inclusiveness and building awareness of diverse gender groups to ensure a safe and welcoming space for all shall be introduced in the Induction Program. Through this, the students would be taught the dos and don'ts of supporting their LGBTQ+ friends by a

panel of specialist experts, counsellors or advocates who provide actionable strategies for improving inclusivity to teach these values at an early level among the students of our esteemed institution.

- b. Counsellors who have had **extensive prior experience** in dealing with the problems faced by people from diverse gender groups shall be recruited to the counselling centre to deal with any possible sensitive cases of the diverse gender group.
- c. Additionally, There are **specialisation courses on queer affirmation counselling** offered by Mariwala Health Organization and Christ University, Bengaluru, for which we can enrol the counsellors present at the counselling centre for now and add experienced ones shortly.

Impact:

- 1. The financial needs of students **in times of emergency** involving their immediate family members will also be taken care of by the Students Brotherhood Fund. This will reduce the difficulties in the life of the students when they require help. This will also **strengthen the objective of the fund**, which was to promote oneness among the student community.
- 2. This will help **establish a safer environment** for the students with reduced risks of injuries due to fire accidents and reduce damage to property and belongings, especially departments and labs where a lot of **expensive and important equipment** are kept. Additionally, Fire training will not only help students now in case of any such emergency but also in the future.
- 3. This will lead to a **more inclusive community** at our campus and ensure that students would be more productive in their work and be more confident in themselves, hence leading a **better student life** altogether.

Background:

- a) Previous instances where the students required additional funds for their immediate families were analysed. It was found that the maximum amount of donations and loan of honour should be increased to 1 lakh and 2 lakh from 50,000, respectively.

- b) Fire Department and the current Government guidelines were referred to get the current fire safety norms with respect to our institute. Previous instances of fire accidents in the institute and their possible solutions for prevention were also investigated. Surveys of various halls and departments were carried out to determine the current status of Fire safety norms.
- c) The professor in charge of the counselling centre was referred for the current status of the counsellors in the counselling centre. Governors of Ambar, the official gender and sexual diversity resource group of the institute, were also referred to regarding these proposals, and their suggestions were incorporated. Previous reforms suggested were also considered while framing the current proposals.

Proposal 2

KGP ResearchBase:

Increasing accessibility of guidance and resources to promote research culture in the institute

Overview & Scope:

- The student community in IIT Kharagpur is vast, and there are many domains in which research is done. For students **to find the relevant people on a specific domain**, they have to either ask people around or keep searching on the institute's website, professor by professor, to find their target domain. Both are **very time consuming and do not have a definite outcome**. To solve this problem, I propose a platform containing a database of the past and ongoing projects of professors and students and their research interests.

Proposal:

- I propose to launch a website that will contain a **database of the past and ongoing projects** of the professors and students at IIT Kharagpur. Along with this, the projects would be **tagged according to various research topics**.
- There will be **relevant resources and recent publications** on various topics for students to explore the recent advancements in their domain of interest.
- The website will have a **search feature** that makes it easy to search for domain-specific projects. For example, on searching for “blockchain”, One will get a list of all the professors, students, publications and other resources related to blockchain. This will make it simple for anyone to:
 - **learn** using the resources available on the website.
 - contact the students and professors for **guidance on matters relating to their domain**.
 - read **relevant publications** to get a good understanding of the research work in that field.
 - find relevant information **by using filters and tags**, and search for specific types of results like “professors”, “students”, “publications” and “study resources”.
- The **basic contact details** of the professors and students would be available on the platform to let the students contact them for guidance or express interest in working with them.

- Students will be able to enrol themselves for **monthly updates**, informing them about any new projects that have come up in their interested domain.
- The platform will also have the option to **apply for a particular project**, which the concerned professor would be able to review and select students accordingly.
- This website will be **created and maintained by the Technology Team** under the guidance of the Technology Coordinator, Technology Students Gymkhana, IIT Kharagpur.

Impact:

- A significant issue is the **ease of access to data** to the students of IIT Kharagpur. A website where all the desired information is in one place and easily accessible to all students solves a significant problem for the students at IIT Kharagpur.
- This will also give a platform for **showcasing and promoting the research culture** of the institute.

Background:

- Mock UI for the platform: [Link](#)
- Source of data for the database: Initially, some data will be used from the institute website, and with the progression of time, students and professors can add their work and relevant resources to the website.
- SiROP (<https://sirop.org/app/>) is a similar platform, where one can find all the relevant information regarding the ongoing projects and research work of a group of institutes including ETH Zurich, University of Zurich and more.
- Various Research Groups were approached and their common feedback found was that they would be willing to publish their past and ongoing research on this platform.

Proposal 3

CDC Process:

Optimising the internship and placement process, for students & Placement Coordinators

Overview & Scope:

- a) Every year a large number of students of IIT Kharagpur appear for the CDC internship and placement drive. They face a major **problem with the CV portal on ERP** which has issues such as, formatting bullet points is a tedious task and one has to manually enter spaces to use the rightmost column of the page. To change these things on ERP itself, the maintenance involved, **requires ERP to be shut down** for a significant amount of time which affects the normal activities of ERP. For example, accessing the notice board, academic activities and guest house will not be possible in this time frame. I propose to **incorporate a CV portal on the CDC website** which will be used to create CVs in an efficient and user-friendly manner.
- b) Currently, during the CDC internship and placement processes, the official mode of communication from CDC to the students is the CDC notice board on ERP. To **increase its accessibility** as students had to log in to ERP every time to check the notice board, MFTP was introduced and is maintained by students but currently, MFTP also faces some problems like being **classified as spam** and **resending outdated mails** due to automatic scanning after a period of 4 days. This lack of organisation **results in missing important emails** which can have repercussions for students like missing deadlines for CV submission, tests and more. Students eventually end up asking the Student Placement Coordinators to extend the deadlines which makes it difficult for them to coordinate with companies. To make the process more organised and structured, I propose a **CDC Process Sorter**, where every event like CV submission, tests, interviews and more will be **available in lexicographically sorted order**.
- c) IIT Kharagpur has a large number of students sitting for placements and internships every year. To maintain the authenticity of the pieces of information provided by the students to the CDC, it is very **important to properly verify the relevant documents** provided by the students. But considering the number of students, there is a large pool of data that needs verification to confirm the legitimacy and that **demand a lot of time and effort** (takes at least 14 days). To make this process more efficient, I propose that **verification of the documents already submitted and verified during the admission**

process and during the internship process need not be done again during the placement process.

Proposal:

- a) The CV making process through the ERP is a cumbersome process. It creates a lot of problems due to its structure. There have been **multiple occurrences of glitches** during the process. There is no way to see updates/changes in real-time and students need to save and generate CVs at every point to check if the formatting is right. I propose to **create a CV building portal on CDC's website** which the students will have to use to create their CVs. This portal will only be accessible to the students through **their roll number and password** and it will solve the issues that students face at present while creating their CV on ERP. They will then **upload their CVs on ERP** and use them further to apply to companies.
- b) Students who sit for placements and internships have to deal with a lot of **uncertainty regarding the timeline** of the process which to an extent reduces the effective utilisation of time and effort which is of utmost importance during that phase. Considering the hectic schedule during placement/internships, there are chances of missing a deadline or not being able to keep track of all the information provided by the noticeboard at a time. I propose to **implement a CDC Process Sorter on CDC's website** that will have the **schedule of events/processes** like PPT, CV submission deadline, tests and interviews arranged lexicographically (expressing a date as YYYY-MM-DD). To maintain the confidentiality of the internship and placement processes, the student will have to log in using their roll number, password and an additional OTP. An **option of 'remember me'** would be available but would require re-login after every week. The CDC Process Sorter will not only help students keep track of schedules but will also help them in **doing effective planning** for the process.
- c) As most of the basic information about a student is already stored in the ERP database through the document verification process at the time of admission. I propose to ease the current tiresome and lengthy process of **document verification by using the previously available data** from the student database and the CDC internship portal on ERP. The verification process for placements would be an extension to the documents verified during the internship process. As a lot of the **part of a CV remains the same** in internships and placement drives, this will considerably ease the verification process from the CDC authority's side.

Impact:

- The CDC internship and placement process is very hectic. By simplifying the CV portal, students save **a lot of time and effort** to focus more on test and interview preparation.
- Currently, a lot of students miss deadlines due to unorganised tracking of emails on the notice board and MFTP. A CDC Process Sorter ensures that all this information is **available and accessible at one place** and hence majorly reduces the scope of missing deadlines.
- The document verification in the CDC placement process is very lengthy and to shorten it, optimisation is required. Double verification of the same documents is redundant and avoiding this will **save a lot of time** from this tedious process. The placement process would become **more smoother**, as some processes could be held during the time taken for verification of CV.

Background:

I have spoken to the CDC Office about the following:

- The CV portal and CDC Process Sorter can be made on the CDC website with the help of a software engineer, to be hired.
- All the students' documents are available on ERP and can be made accessible to the CDC Office for verification purposes.
- IIT Kharagpur has a large number of students sitting for placements and internships every year. To maintain the authenticity of the pieces of information provided by the students to the CDC, it is very important to properly verify the relevant documents provided by the students. But considering the number of students, there is a large pool of data that needs verification to confirm the legitimacy and that demands a lot of time and effort.

Proposal 4

Enhancing PG & RS Student Life in IIT Kharagpur: *Better preparation for events & career, Enhanced inclusion & Increasing visibility*

Overview & Scope:

IIT Kharagpur has a large and diverse pool of students. PG and RS together make up **around 46% of the general body** of IIT Kharagpur. After talking to multiple stakeholders and students from the RS and PG communities, I realised that there is a **huge scope for improvement** that can be done for the betterment of the community.

Proposal:

I propose the following initiatives in order to enhance PG and RS students' experience of KGP life:

1. Career and Skill Development Bootcamps

Various boot camps will be organised for the students to bridge any knowledge gap they have. These boot camps will also help to guide the students in aspects related to **career, placements, and any other required skills**. Some of the boot camps that will be conducted are:

- CV building workshop
- Interview Preparation
- Placement Bootcamp

Timeline	Event	Duty	Conduction
2 weeks before CV submission notification	CV Building Workshop	Presentation by Placement committee members and webinar of students who received placement offers last year.	With the help of Communiqué and Placement Committee members
After CV portal opens for submission	Placement Bootcamp	Workshops by industry experts and companies along with workshops on various profiles	Will be done by experienced alumni or company officials through Communiqué with the help of Placement Committee members
Two weeks before interviews start	Interview Preparation	Mock Interviews with different set of panels	Will be done by experienced alumni or company officials through Communiqué.

2. Induction Program (for PG and RS)

Similar to 1st year UG students, a **2 days induction program** will be organised for the 1st year RS and PG students. The main aim of the program is to ensure smooth onboarding of the students into the KGP ecosystem, help them **understand the academic environment** in their department, and make them feel confident about their stay at KGP. Similar to the UG Handbook prepared by the Students' Welfare Group, a **handbook** consisting of all the crucial information for RS and PG students can be prepared. The handbook will contain:

- Information about Courses and Department
- Academic Information along with other opportunities for students
- Fellowships and Scholarships
- Extracurricular activities at IIT Kharagpur

The main agenda of the induction program will include

- Information of **various facilities** available in KGP
- **Awareness** regarding activities and events in KGP
- Introduction to Department, labs visit
- About their course and scope of work
- **Interaction** with Seniors and Faculty Members

3. Alumni Connect Program

There is a significant lack in the interaction between students and those who have already graduated. The huge network of Alumni graduating from various courses is a great resource for the students and should be utilised. Hence, the alumni connect program will be launched to **bridge the gap between students and alumni**. This will help the students get mentorship regarding the industry scenario and general knowledge about the institute and their course.

With the help of the Office of Alumni Affairs and International Relations, the program will be launched for the **first years** at the start of each academic session. Students will be asked to fill in their top 3 preferences for domains in which they wish to get connected with Alumni.

Once all the preferences are received, all the students will be allocated one mentor by matching them with the available alumni. The allocation will be done on a first come first serve basis. Further, multiple students can be allocated to a single alum to ensure that everyone is able to connect with people from their interest areas.

4. Deferred placement program for RS

Research scholars have to submit their thesis by a predetermined time in order to sit for placements making their eligibility for placements during an academic year quite **uncertain**. I propose a deferred placement program for Research Scholars similar to that of Undergraduate Students so that they get **fair opportunities to appear for the placement process**. After submission of their thesis, RS students will get an opportunity to appear in the immediate next placement season.

5. Research Expo

The students of the Indian Institute of Technology Kharagpur are involved in **various research activities**, ranging from research projects under professors to foreign training programmes. They are engaged in a wide variety of research topics spanning several domains. Discussions on the recent development of these fields can lead to the **cross-fertilization of ideas**, leading to better research output.

I propose to have an exhibition called “Research Expo” for all the students of IIT Kharagpur wherein they’ll **present their innovative research and product development projects**. Students will have a platform to discuss different ideas from various domains and also promote interaction between undergraduate, postgraduate and research scholar students.

- **Detailed**

I propose to conduct a **one-day event** to showcase the research and innovative developments being done by the students of IIT Kharagpur. Main highlights:

- Poster presentations

- Lectures by prominent researchers
- Industrial talks

As postgraduate students and research scholars have more research experience, the exhibition will give them a chance to showcase their research output. It will also promote **interaction with the undergraduate student community**, leading to the cross-fertilisation of ideas.

Moreover, we propose to have **industrial sponsors for the exhibition**. We will target companies that promote research and development in their work and also encourage them to conduct micro-courses to impart industry-relevant skills.

Lastly, we will also **encourage research groups** on our campus to showcase the work they've done in the past year. This can include paper presentation, display of various robots/drones and showcasing of the simulation of the same.

Implementation:

Target Audience: UG, PG, RS of IIT Kharagpur

Timeline: The event can be conducted in any of the two timelines: 2 weeks before the Mid Semester Exams of Autumn Semester or at the end of the Spring Semester.

The event schedule will be as follows:

- Opening Ceremony
- Lectures of **specialised engineering topics** by prominent professors from eminent institutions like IISc and IISER as well as Industrial talks
- Research Poster Presentations
 - To be conducted in Nalanda Classroom Complex
 - All interested students will **prepare a poster** based on their research work containing the title, abstract or summary, a short introduction, aims and objectives, methodology, results, discussion and conclusions.
 - The poster presentation will be of their publication, patent or any such equivalent/better verifiable content
 - Different people can **interact** and have a brief discussion on their work
- Display of the research work done by the research groups on the campus
 - This will include a paper presentation and/or the research competitions they took part in the last year
- Closing ceremony

Here is the list of topics (Source: VRSS, IIT Bombay)

1	Nanomaterials and Nanoscience
2	Thermals and Fluid
3	Energy, Environmental Science and Geotechnology
4	Semiconductor Devices
5	Controls and Dynamical Systems
6	Computational Materials and Mechanics
7	Economics/ Finance
8	AI and Machine Learning

Impact:

- The KGP community is very diverse and by having specific career and skill development bootcamps for PG and RS will help them in **their preparation** and they can achieve their targets.
- By initiating Deferred Placement Program for RS students they can **focus more on their thesis without any worries related to placements**. This will help in building a better research culture at IIT Kharagpur.
- Research Culture in KGP is on the rise, we can see that through the increase in Foreign Training scholarships like MITACS and other similar programs, by having Research Expo students will get the **opportunity to showcase their work** and this will motivate others also to do so.

Background:

- I have approached Miss Aparna Raut, a 3rd-year student of the MTech PhD joint program, to understand the various issues faced by the students of RS and PG Community. She helped me with some crucial insights.
- I have connected with PG CDC Departmental Representatives and PG council members to better understand the issues that PG students face during their stay at IIT Kharagpur.
- I also reached out to Eeshaan Bhaduri and Sanika Banerjee to get insights of RS experience at IIT Kharagpur and to know their concerns better.
- I have gone through the various initiatives, plans, and overall dynamics at different research institutes across India including all the IITs and other CFTIs, and understood the various processes and dynamics currently in action for the RS and PG community.
- I talked to Prof. Gargi Das, Department of Chemical Engineering. She was very enthusiastic about the idea and especially liked the involvement of both the UG and PG

communities. However, she felt by including RS the scope of the event would be too broad. Moreover, she felt that due to the wide variety of research domains in IIT Kharagpur, the variety of topics covered would be very diverse and people would not be able to connect properly. She suggested streamlining it a bit and formulating it along those lines. Henceforth, we incorporated a list of topics demarcating the range of research domains being covered at the Expo.

- I talked to Prof. Abir Das, Department of Computer Science and Engineering. He was very much in support of the idea. He even gave inputs for future renditions of the same: to incorporate nearby colleges as well.
- For Industrial talks, I will approach companies like NVidia, Unity Gaming, Wadhvani AI, Samsung Research Institute and more.

Annexure

Proposal 1:

1. Recent cases of the requirement of funds (Source: The Scholars' Avenue and Awaaz)
 1. Required 10-12 lakhs for colon cancer treatment of a student's father
 2. Required 30 lakhs for kidney transplant of a student's father
 3. Required 30000 for performing funeral ceremonies of a student's grandfather
 4. Required 10 lakhs for heart surgery of a student's father
 5. Required 72 lakhs for breast cancer treatment of a student's aunt
 6. Required 5 lakh for COVID treatment of a student's father
 7. Required 12 lakh for COVID treatment of a student's father
 8. Required 28 lakh for cancer treatment of a student's mother
 9. Required 25 lakhs for COVID treatment of a student
 10. Required 10 lakhs for COVID treatment of a student's father
 11. Required 25 lakhs for bone marrow transplant of a student
 12. Required 5 lakhs for COVID treatment of a student's family
 13. Required 25k / week for COVID treatment of a student
 14. Required 6 lakhs for dengue treatment of a student
 15. Required 2.6 lakhs for the educational debt of a student

Conclusion: Median value is 10 L. There is a need to increase the upper withdrawal limit and also streamline the withdrawal process.

2. I talked to the Secretary of the Dean of Students' Affairs. They informed me that the frequency of SBFC meetings is 2 months and they wait for the meeting until 5-6 applications pile up. If there is an emergency the committee sits to discuss the case immediately.
3. I talked to Mr Lohakare Ninaad Neeraj, Vice President for the academic session of 2019-20. He informed that the fund has previously been also used to pay fees in the hall as well as the mess in cases of financial need other than the medical requirements.
4. I performed a survey of the number of fire extinguishers, fire alarms and call boxes in the main building. Sufficient numbers are available there. The standard protocol in case of fire is to immediately call the fire brigade outside the campus. It'll take 10 minutes to reach, till then one can defuse the situation using the fire extinguishers and fire buckets available.
5. Government norms:
 1. Current government fire norms in halls and institute buildings:
 - i. 1 fire extinguisher is required in every 25 square metres of area
 - ii. 1 fire extinguisher is required at all the ends of a hallway
 - iii. 1 fire extinguishers at both the entrances of every staircase

- iv. ABC universal fire extinguisher should be preferred
 - v. Hydrant system is the next step, then fire alarm system
 - vi. 3-4 fire sand buckets should be present on every floor and should be easy to access in case of an emergency
 - vii. There should be at least one manual call point (manually operated fire alarm)
2. Educational Institution
- i. Minimum 2 fire extinguishers on each staircase
 - ii. Classrooms with a capacity of more than 45 should have 2 doors
 - iii. 2 fire extinguishers and 1 manually operated fire alarm on each floor
 - iv. Fire drills should be conducted biannually
 - v. Head of Fire Department available should conduct such audits
3. Hostel or Residential Complex
- i. If the complex building is higher than 24m, then a fire alarm system is necessary
 - ii. There should be at least 1 call box on each floor at a height of 1.5m from floor level
4. *Source: Kgp fire department, Government of India, Times of India*
6. Surveys of some halls were carried out and adequate measures for fire safety were not found.
7. Warden of various halls were approached and all had a positive response regarding installation of fire safety equipments complying the government norms.
8. Response received by the Kgp fire department:
- 1. Response time
 - i. Maximum 5-7 minutes
 - 2. Previous incidents at TechM, Nalanda (problems, procedure, etc.), along with their possible solutions and recommendation for future prevention:
 - i. TechM - gas cylinders there, every store should have a fire extinguisher
 - ii. Centre - sprinklers should be there in labs
 - iii. Server rooms should be equipped with a CO2 fire fighting system
 - 3. Past instances of Fire Drills and whether the fire department is willing to conduct in future
 - i. Last conducted in 2018 in the Department of Mining Engineering
 - ii. 14-21st April government fire safety week
 - iii. Willing to conduct if permission from admin
9. Regarding the inclusion of LGBTQ+ counsellors in the counselling centre, I have talked to Professor in Charge Prof. Nirjhar Dhang who supported the idea of the inclusion of a

counsellor in the counselling centre. He further added Shivam and Sindhu in the thread along with IWG. These were the suggestions/responses:

1. *“The number of students belonging to this community is required if we hire queer affirmative counsellor(s)”,* but as the number is confidential, the counselling centre can start with hiring a single queer affirmative counsellor and depending on the people requiring consultation, we can add more such counsellors gradually.
 2. *“Through external training, current counsellors at the Counselling Centre can be trained for queer-affirmative counselling”* for which the courses as mentioned before (specialization courses on queer affirmation counselling by Mariwala Health Organization and Christ University, Bengaluru) can be utilised.
 3. *“Also, we hire two counsellors at the Counseling Center from Medall on a contract basis. We can request counsellor(s) specialized in queer-affirmative counselling after the current contract ends. We can also refer to **Terapize.com** - to find queer affirmative counsellors”,* hence this proves that such counsellors are ready to be hired.
10. I have talked to counsellor Miss Debarathi Acharya regarding this and **she informed me about the possibility of hiring counsellors shortly.**
11. Ambar governors had a session with the freshers regarding the awareness of the LGBTQ+ community in the induction program.
12. Queer affirmative certifications are available. Eg: Shanmathi has experience of three years in the field of gender-based violence and is a certified queer affirmative therapist.
- Source: https://mhi.org.in/media/insight_files/Building_Allyship.pdf, page 49/52

Proposal 2:

- I talked to Prof. Pabitra Mitra from the Computer Science and Engineering Department and he emphasised the point that publicity attained by such a platform will help the professors provide information about project openings to the students.
- I talked to Professor IS Yadav and he was of the opinion that such a website will solve the problem of communication between the professors and the students as it will help faculty to select students who fit their requirements and make an application for projects easy for the students.

Proposal 3:

- Relogin after every week would be required in the CDC process sorter to ensure the sanctity of each login as there might be cases where someone logged in on some other device and forgot to log out.
- Generally, the third and fourth weeks of November are given as preparation time, but this time the verification process got delayed due to which there were a lot of tests during that time.

Proposal 4:

- IIT Bombay has two kinds of Institute Induction Programs including the Student Companion Programme for PG and the Institute Research Scholar Companion Programme for RS to address or provide support on academic and non-academic related issues.
- IIT Guwahati To Collaborate With Amrita Vishwa Vidyapeetham On Research & Development. IIT-G and AVV will encourage cooperation between their faculty members, departments, and research centres, including visits of faculty members to deliver lectures, conduct seminars, discussions, research and supervise student studies with the expectation that this mutual collaboration will help both the institutes scale new heights in research and academics
- IIT Delhi Open House: One-day exhibition of an extensive collection of innovative research and product development projects. Event schedule: (source: [link](#))
 - Inauguration by Director
 - Lecture on specialized engineering topics by prominent professors
 - AERO Modeling Competition
 - Display of Various Robots
 - Research Poster Presentations
 - Visit to Exhibits & Demonstrations
 - Closing Ceremony
- IIT Bombay:
 - Virtual Research Symposium by Students (VRSS): Aims to provide an opportunity for undergraduate and postgraduate students from various disciplines of IITB and partner universities to present their research internationally and network in an academic setting. Events: (source: [link](#))
 - Student Presentations (paper presentations)
 - Best student presenters may be awarded a Certificate of Excellence by a panel of faculty members.

- Focus Group Discussions
 - Around pre-decided topics shall be organized which will invite participation from students and faculty members
 - Talks by Professors and Industry Leaders
 - “3 min Thesis” Competitions
 - Poster Presentation break-out rooms
 - “Round Table Networking” - an additional opportunity for academics and students to interact and discuss in virtual rooms and form meaningful connections.
- Tech & RnD Expo: a two-day event where one can get to know and interact with the students who work on all the technical and research-based activities. There are also talks by Professors and Alumni who have excelled in their respective domains.
 - Research Symposium: summer projects completed by students under the guidance of various IIT B professors.
 - Tech bodies (Research Groups): presented their long term projects.
- IIT Kanpur:
 - National Technology Day: Series of invited lectures and exhibitions of innovations from the institute.
 - Institute Lecture Series: Talks of expert researchers from various domains.