

**Name of the Candidate: Brahmjot Singh**

**Roll Number: 19GG20008**

**Contesting for the post of Vice-President - Technology Students' Gymkhana  
2022-23**

**Proposal 1: Redefining Mess Structure**

**Aim:**

Reconstruction of the Current Mess Fee structure to reduce the financial burden on students, by establishing a Hybrid Prepaid and Postpaid Mess Charge System in the Hall premises.

**Overview:**

At Present, Students are supposed to pay a fixed amount of money to the Hall Management Centre irrespective of the fact whether they eat the food provided at the mess or not. Students are often busy in their academics and tasks from different societies and bodies, which makes them miss out on meals provided in the mess quite often leading to extra expenditure for the mess food that they never ate. This results in an additional monetary burden over the heads of students apart from their already substantial curricular and co-curricular duress. To solve this undermined issue, I plan to replace the old system with a New Hybrid Pre and Postpaid Mess Charge System. This new system will solve this issue of extra expenditure and will also make the mess functioning even more efficiently.

**Proposal:**

- Establishment of a new Prepaid and Postpaid Mess Charge System.

**Execution:**

- The Mess Food will be divided into two broad categories.
  - Basic Food
  - Daily Specials
- Basic Food will comprise of Bread, Rice Pulses, Chapatis, Salads and Pickles i.e the food items which are available every day.

- The Daily Special will comprise the food items unique to a particular time of a particular day, like Paneer, Chicken, Fish, and other delicacies including desserts.
- The Daily Specials items comprise the maximum part of the costs of the food that the mess makes in a day.
- The Charges for Basic Food Items will be collected beforehand from the students when the Semester begins i.e the prepaid part of our Mess Fee Structure.
- As the semester begins The Charges for the Daily Specials items will be collected from the total of the times a Particular Student will visit and eat a meal at the mess.
- For keeping the records of entry, A Fingerprint Scanner will be installed around every mess. The Student will scan his/her thumb around the scanner every time they visit the mess. The entry will be recorded and the student will be charged the additional cost of the food items that they've consumed for the time being.
- This additional cost will be collected from the Student when the Semester ends, thus building the Post-Paid part of the New Mess Fee Structure.
- The costs of Daily Special items will vary as the items themselves vary according to time and day, that'll make the system more efficient as a more detailed version of the mess fee will be available.
- The fingerprint Scanners will also ensure that nobody from the outside would come and eat at the mess, thus also ensuring no shortage of food.
- This will further help us to estimate food consumption patterns for the future months which will in return solve the problem of food wastage in mess.

## **Proposal 2: Streamlining Placement Process**

### **Aim:**

To facilitate fellow students who're going to appear in the CDC, by providing them with a well-organised and user-friendly schedule about the different companies that will be coming to the campus and creating a customised timetable for all the activities for the companies that they are eligible for.

### **Overview:**

The most important factor that directly influences each student's life post-graduation is the placements. A very significant issue that a student faces during their placement is keeping track of logistics for the companies

applied to by the students. Naturally, since the pool of companies, their PPTs, and their tests is very large, it is very easy to miss out on a deadline, which can have dire consequences for the student's future. The Logistic Calendar will be a solution to this problem, wherein we shall have the logistics information updated automatically for each student on their calendar as soon as the placement coordinators schedule it. Adding to it, it has been observed that there have instances that the companies ask to apply on their own portal or some form has to be filled by the students apart from applying on the CDC Portal. This information is passed on through notices but students miss out on them due to a cluster of notices being released. Missing out on filling of the form or applying on the portal, even affects the candidature of the students.

### Proposal:

- Logistics Calendar
- Improving the CDC Tab

### Execution:

- **Logistics Calendar:** Logistics calendar will be present in the CDC portal itself for the student who has registered themselves for Internships/placements. The details of the CDC Logistic calendar are as follows :
  - The calendar will fetch the details of the specific companies that the student has applied for and accordingly display the details of opening and closing of application, PPT and tests of the company for which the candidate is eligible.
  - As soon as the placement coordinators schedule the respective events, they will be made available in the database and then can be reflected on the logistics calendar of the students.
  - In this way, the calendar will be tailored for each student and they don't have to check through multiple notices for the details of each of the companies. (We can later also add the option to download the calendar in ICS format which can be integrated with the google calendar of the students to provide proper reminders before the tests/interviews etc.).
  - So, in this way, this calendar will provide a hassle-free and easy-to-use solution to one of the very important problems which each of the students faces during the already loaded time of placements.
- **Improving the CDC portal on ERP:**
  - In the CDC tab in ERP, an additional column will be added in the main table with the name "Additional Links".

- In this column, all the additional portal links and form links will be updated whenever the company is made visible to the students.
- Students can directly apply on the link via the CDC portal and need not find the notice in the mass notices sent during the CDC process.

### **Proposal 3: Modifying ERP to assist students pursuing Higher Studies and students planning to go for Higher Studies**

#### **Aim:**

To Provide Students Opting for Ph.D./MS with a list of relevant positions at the Indian Institute of Technology, Kharagpur and joint Ph.D. programs and other foreign universities, and smoothen the process of applications, by providing a tab in ERP similar to CDC Portal. Also, it has been observed that guides involve the students in non-academic activities as well resulting in additional burden on the students.

#### **Proposal:**

I propose the following:

- Anonymous Feedback System: Creation of an anonymous feedback system for Research Scholar students and internal committee to look out for feedback.
- Application Portal: Creating Ph.D. application tab in ERP, to streamline the process of applying for higher studies, similar to the CDC portal, making both the step of applying and viewing all possible options convenient for the student, in a systematic and straightforward manner

#### **Overview:**

IIT Kharagpur has been a breeding ground for a number of research activities. There are a large no. of Research Scholar students in IIT Kharagpur. Research Scholar students put their heart and soul into completing the research work and getting a Ph.D. from this prestigious institute. But there have been instances where due to irresponsible guidance, the Research Scholar students have had to unwillingly indulge in activities apart from their research, and the Ph.D. goes on for many years. An anonymous feedback system would be a great way to let the opinions of Research Scholars be heard and their problems reasonably solved.

Other than that, the process for applying to higher studies (including but not limited to MS or Ph.D.) is very convoluted and the current state of applications involves a lot of cold mailing and finding applications through web surfing the sites of countless Universities. Naturally, this is a significant issue that every applicant faces during that phase and this portal aims to solve this issue of finding relevant positions in their domain of research and a platform to apply and create the portfolio smoothly. The applications can be updated by specific personnel or a team just like the placement committee in CDC placements/internships.

### **Execution:**

- **Creation of a Committee for Anonymous Feedback:**
  - The PG/ Research Scholar students will have an option to give feedback regarding their guide after a fixed interval of time via ERP.
  - Based on feedback, a score will be generated for the Guides, and if the score is low, an investigation is done by the committee. Based on the suggestion by the committee, appropriate action will be taken.
  - The committee will be composed of the panel of deans, the Research Scholar representative, and the Vice President.
- **Ph.D. Application Tab:**
  - In the ERP portal, IIT Kharagpur, adjacent to the CDC tab, a new tab will be created, for “Ph.D. Application”
  - As soon as the application is open, it will be reflected on the portal, and the candidates can apply directly from there
  - If there is a university-specific portal, the link to that will be mentioned along with the opening and closing date. The academic information of the students will directly be provided by the ERP of the students, easing out the application process.

## **Proposal 4: KGP NAVIC: A Super App for Campus Community**

### **Aim:**

Easing out the life of the student community of the Indian Institute of Technology, Kharagpur with the help of KGP NAVIC.

## Overview:

Spread over 2200 acres, navigation on the IIT Kharagpur campus often becomes toilsome for the freshers since it is enormously large for the students to track closely and know each and every nook and cranny, and the locations of buildings or prominent areas.

To solve the same, I along with my team launched Locate KGP which helps the students figure out departments, areas, restrooms, eateries, etc. near the student. Extending the scope of the app, I launched study KGP which was specifically made for new entrants where questions and answers to the past 4 years of papers are compiled.

As we know, the next semester will be completely offline and we'll be welcoming the full strength of students on the campus. In the past, I have observed the difficulties faced by the students who rely on the bus service to attend classes and exams at Nalanda. Although the bus timings are fixed, in reality, buses do not necessarily arrive at the decided time. There could be many reasons behind this including the uneven stoppage time at different halls and malfunction in the bus. Due to the lack of the proposed facility, students often miss the bus. This causes distress and delay in reaching classrooms, which is something that should not happen. Also, many a time the buses are overly crowded due to lack of information of bus timings and people capacity.

## Proposal:

I propose the following

- Expand **KGP NAVIC** to help students track bus activity.
- Expand **KGP NAVIC** to include user review of various locations on KGP

## Execution:

- The institute has the facility of free bus services for the students to take them to the Nalanda Complex, where they have to attend classes. I propose that GPS be set up in each bus which will help the students to track the bus in real-time and also the route that the bus is going to take.

- Taking this forward, I plan to help the student community understand the crowd on the bus via this app itself. This will not only help the students to track the routes of buses but will also enable them to know when the next bus is coming.
- In this way, the worry and trouble of reaching the classrooms will be greatly reduced. This will be a major step towards the welfare of the student community.
- I will ensure that the entire logistics of traveling to the Nalanda Complex by this means will be smoothly executed, and it will be of great help to freshers, as well as the members of the student community who rely on the bus service. With the live tracking of buses, students will be able to plan their activities accordingly.
- I also plan to integrate a review system in the Locate KGP app, where members of the student community will be able to add/see reviews about specific locations on the campus, such as some restrooms or stationery shops, eateries, and so on.
- Since the students will be themselves experiencing the place and adding the genuine review, it'll be authentic and useful to other students.
- In this way, smooth logistics will be ensured pertaining to the aforementioned places and the like.
- Adding reviews will be a solution to this problem since students will be updated about the utility of each place in real-time.
- Moreover, there is a multitude of locations and places on the campus, and it is not always possible to know the whereabouts and information about the utility of every such place.
- Adding reviews will be a solution to this problem since students will be updated about the utility of each place in real-time.