INTERNAL SMART INDIA HACKATHON

Organized by Technical Club, BIT Patna

Smart India Hackathon is a nationwide initiative to provide students from all across the country to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem solving.

It provides an opportunity to be a part of Nation Building and get innovative solutions to your problems in cost effective ways. Talented youngsters from all over the country offer out of the box solutions to the given problems. It also gives an opportunity for national recognition and visibility for your company across all premier institutes in India and to be a part of World's biggest Innovation Movement Opportunity and work with some of the best talents of the country.

We, at Technical Club, BIT Patna are providing an opportunity to the students of our college by organizing an internal hackathon for software and hardware editions. All the teams registering for this hackathon will be provided some problem statements. Each team has to solve the given hardware or software problem statement. One team each from software and hardware editions will be shortlisted for the Smart India Hackathon based on their performance in Internal Hackathon. One team each from software and hardware will be the waiting list category.

The rules for team formation are as follows:

• All team members should be from BIT Patna. However, members from different branches are encouraged to form a team.

• Each team would mandatorily comprise of 6 members including the team leader.

• Each team must have AT LEAST ONE FEMALE TEAM MEMBER.

• As the software edition of the hackathon is digital product development competition, majority of the team members MUST be well versed with programming skills. For the hardware edition, we encourage multi-disciplinary teams – which means your team should have a good mix of Mechanical Engineers, Electronic Engineers, Product Designers and Programmers, etc.

• All these teams will be participating in the recommended Internal hackathons conducted by Technical Club.

These are the following rules for idea submission:

- The team has to select anyone problem statement from 510 problems listed on sih.gov.in/sih2022PS .
- The team has to come up with their own ideas against the problem statements and make a presentation of their idea.
- The team will submit their idea presentation. (Submission link will be provided by TC later.)
- Post Idea submission process, the ideas will be evaluated. Evaluation criteria will include novelty of the idea, complexity, clarity and details in the prescribed format, feasibility, practicability, sustainability, scale of impact, user experience and potential for future work progression.
- Based on the evaluation of our judges. The team will be shortlisted to represent our college in National Level.

For more details, the links are provided below:

- Problem Statements available on https://sih.gov.in/sih2022PS
- For FAQs https://sih.gov.in/faqs#team
- Team Registration Link: https://bit.ly/3HBPPve
- For queries you may contact: +91 86030 25898 , +91 77270 73565

Participants List

Total six teams for software category had participated for the internal SIH organised on. The participants' list for all six team is as follows:

Team Name: Kaizen

1. Rakhi
2. Md. Owais Ashraf
3. Shashank Shekhar
4. Ritwik Raj
5. Abhigyan Verma
6. Asadullah Alishan Usmani

Team Name: Mojo Gojo

1. Nainy Singh
2. Arpit Singh
3. Sachet Praveer
4. Yash Kumar
5. Aakash Bhardwaj
6. Sahil Sharan

Team Name: Slytherin

1. Nainy Singh
2. Arpit Singh
3. Sachet Praveer
4. Yash Kumar
5. Aakash Bhardwaj
6. Sahil Sharan

Team Name: Aztec

1. Kumar Mangalam
2. Aryan Singh
3. Yojan Gandha
4. Archit Raj
5. Navaneet Rai
6. Tanisha

Team Name: Server Monks

1. Neha Kumari
2. Robin Roy
3. Jayant Kumar
4. Anshu Kumari
5. Sonam Kumari Bharti
6. Swayam Bhaskar

Participants List

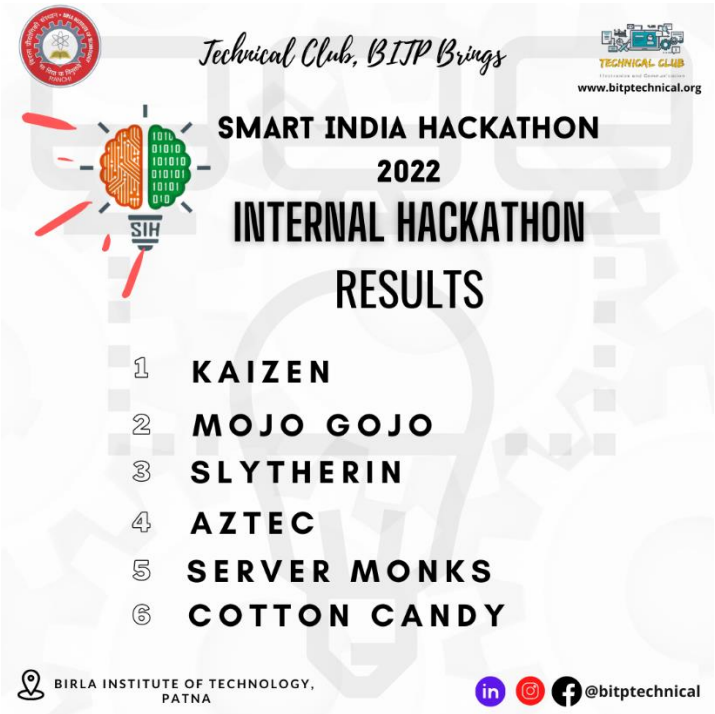
Team Name: Cotton Candy

1. Neha Kumari
2. Robin Roy
3. Jayant Kumar
4. Anshu Kumari
5. Sonam Kumari Bharti
6. Swayam Bhaskar

Social Media Promotions and Link

Following materials were used for social media promotions:

Social Media Promotions and Link

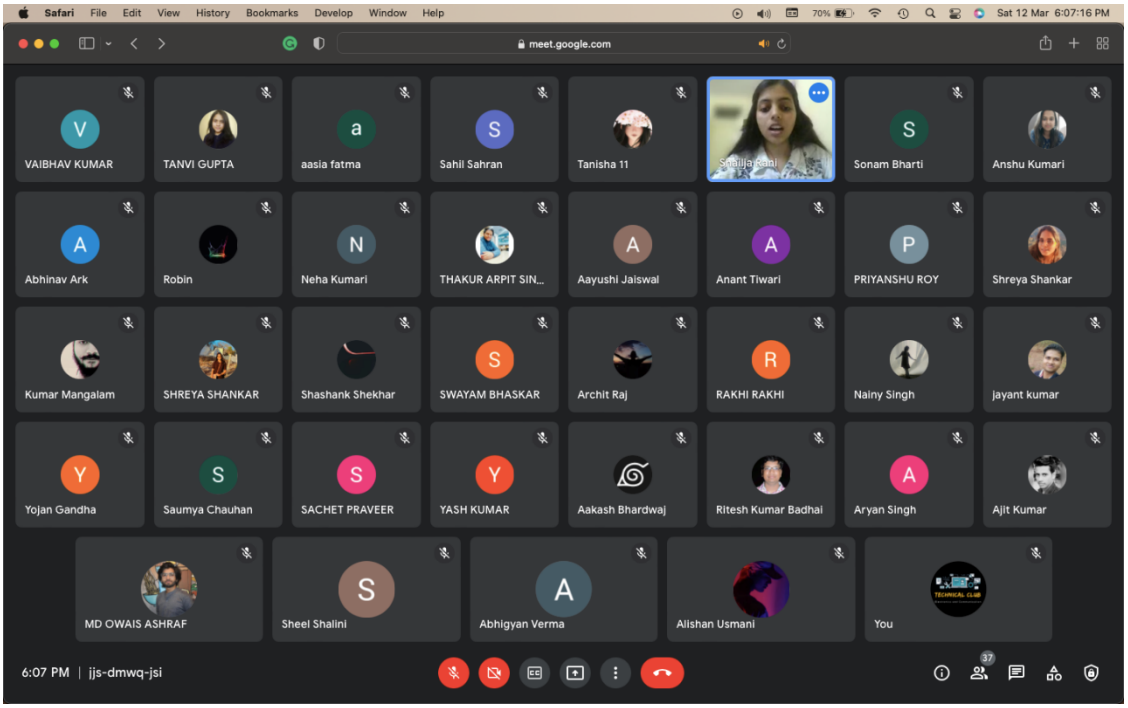


Following Social Media accounts and website were used for event promotions:

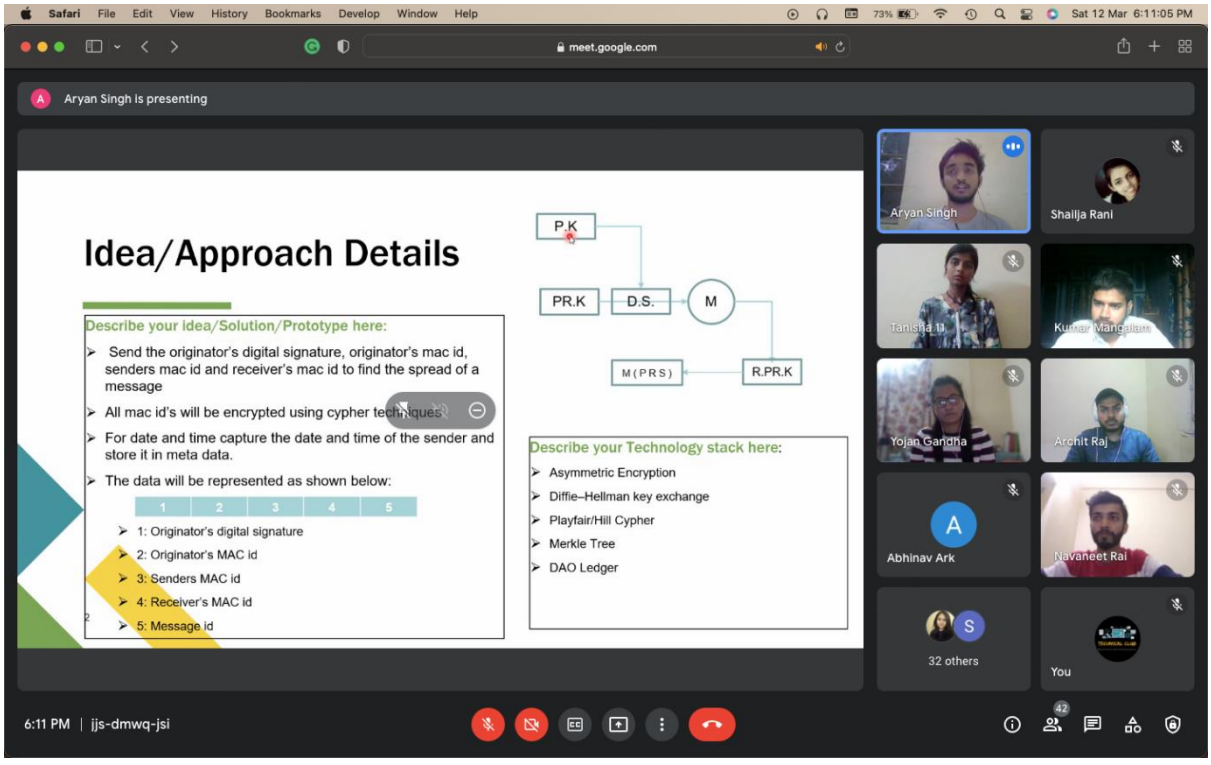
- Instagram: www.instagram.com/bitptechnical
- LinkedIn: https://www.linkedin.com/company/bitptechnical/
- Website: bitptechnical.org.in

Event Photos

The event was conducted on 12th March 2022 on Google Meet. The Image of the event and participants are as follows:

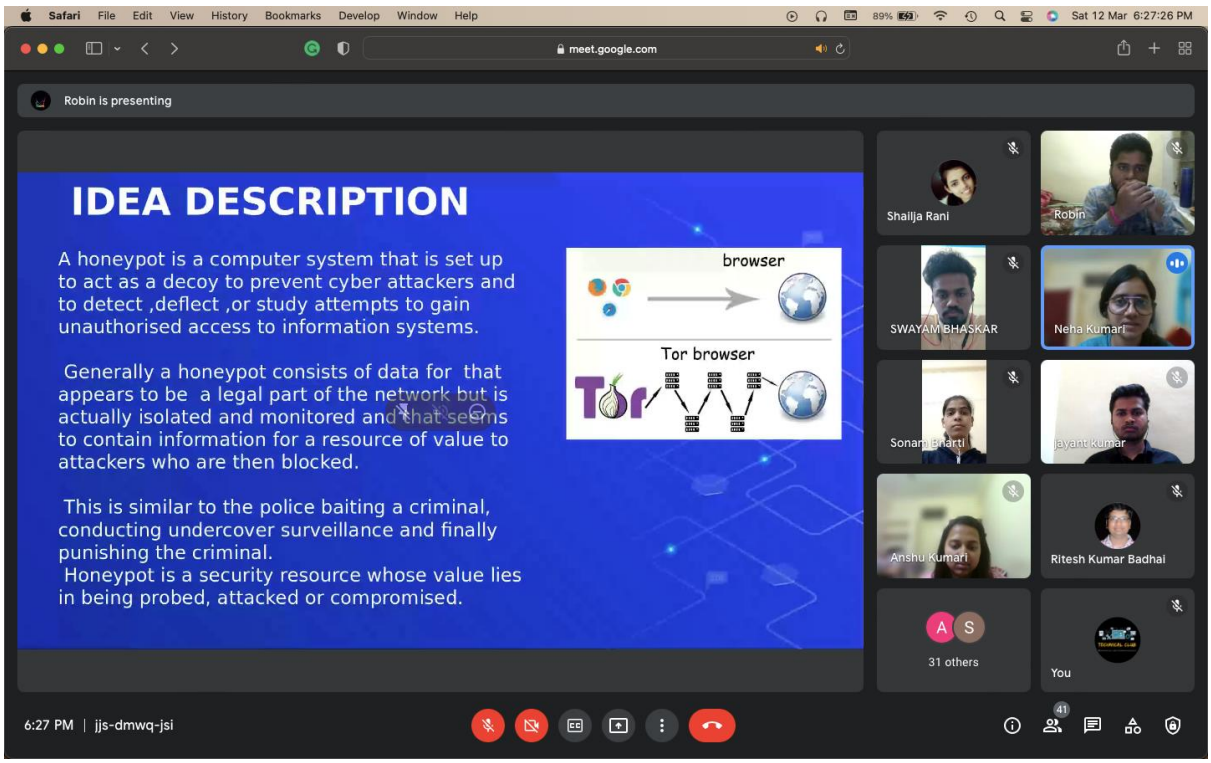


Team Name: Aztech

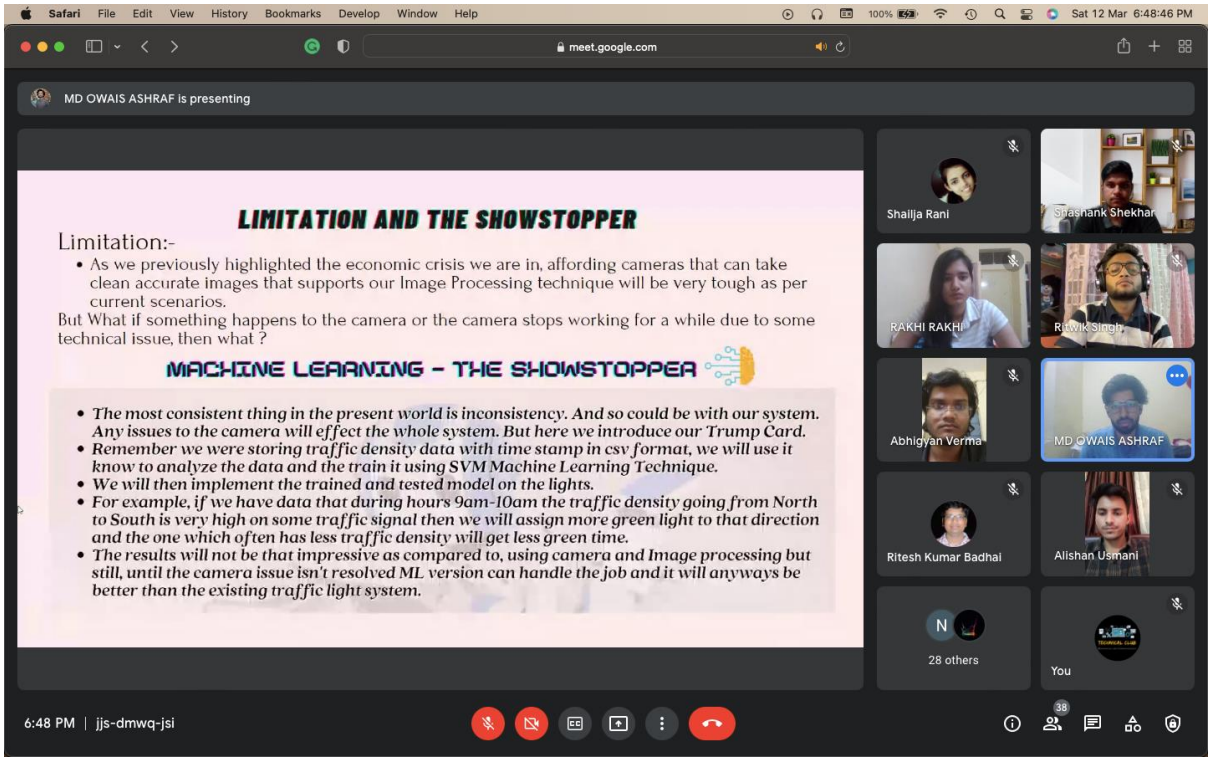


Event Photos

Team Cotton Candy

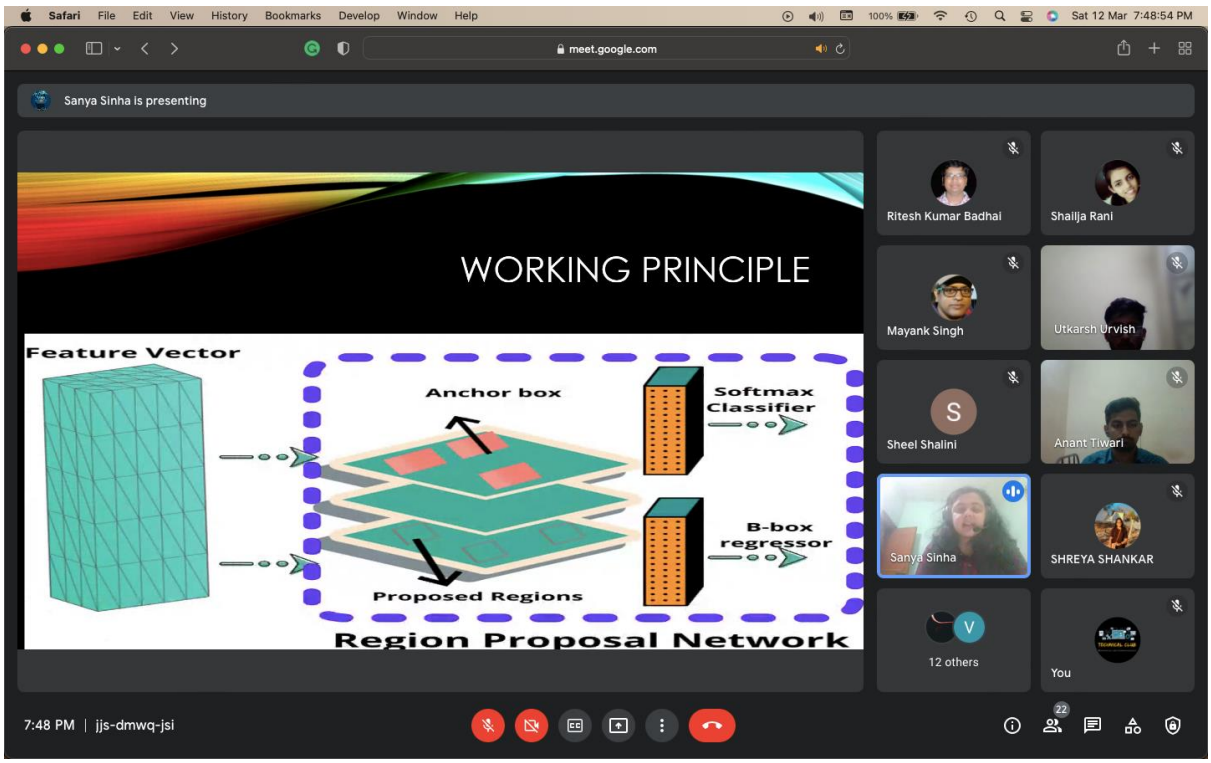


Team Name: Kaizen



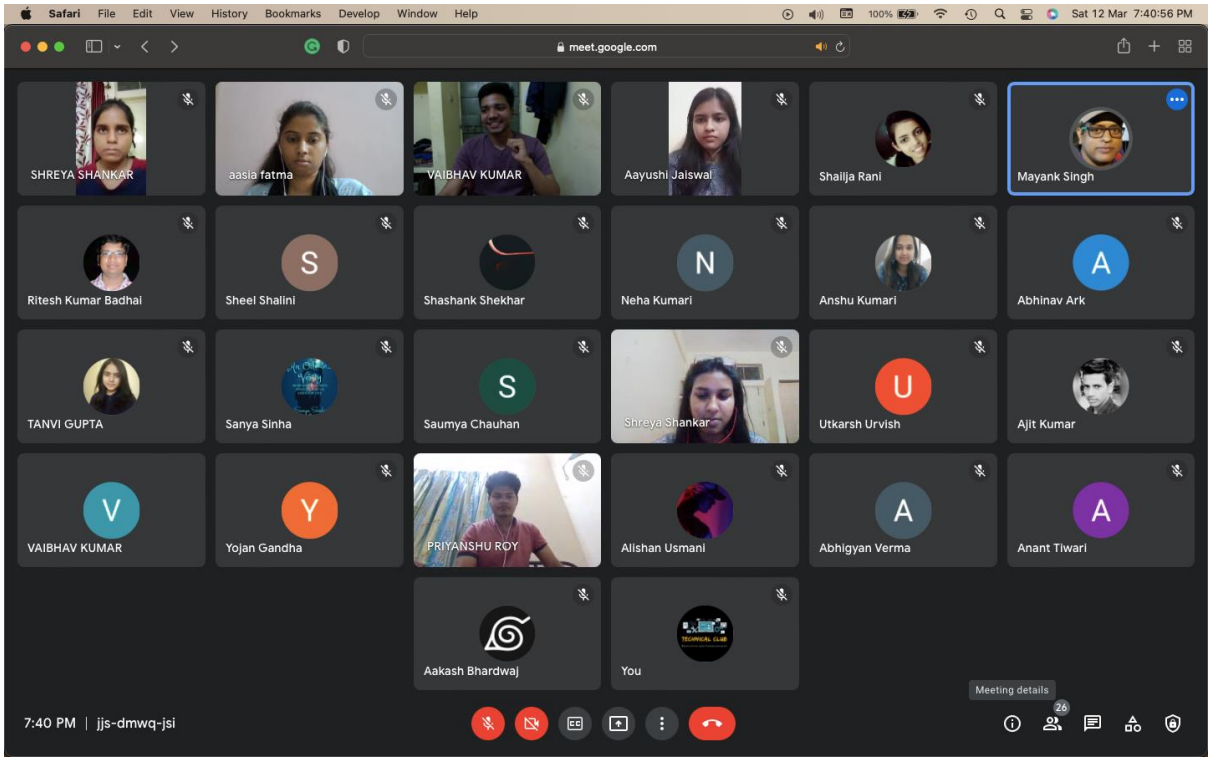
Event Photos

Team Name: Mojo Gojo

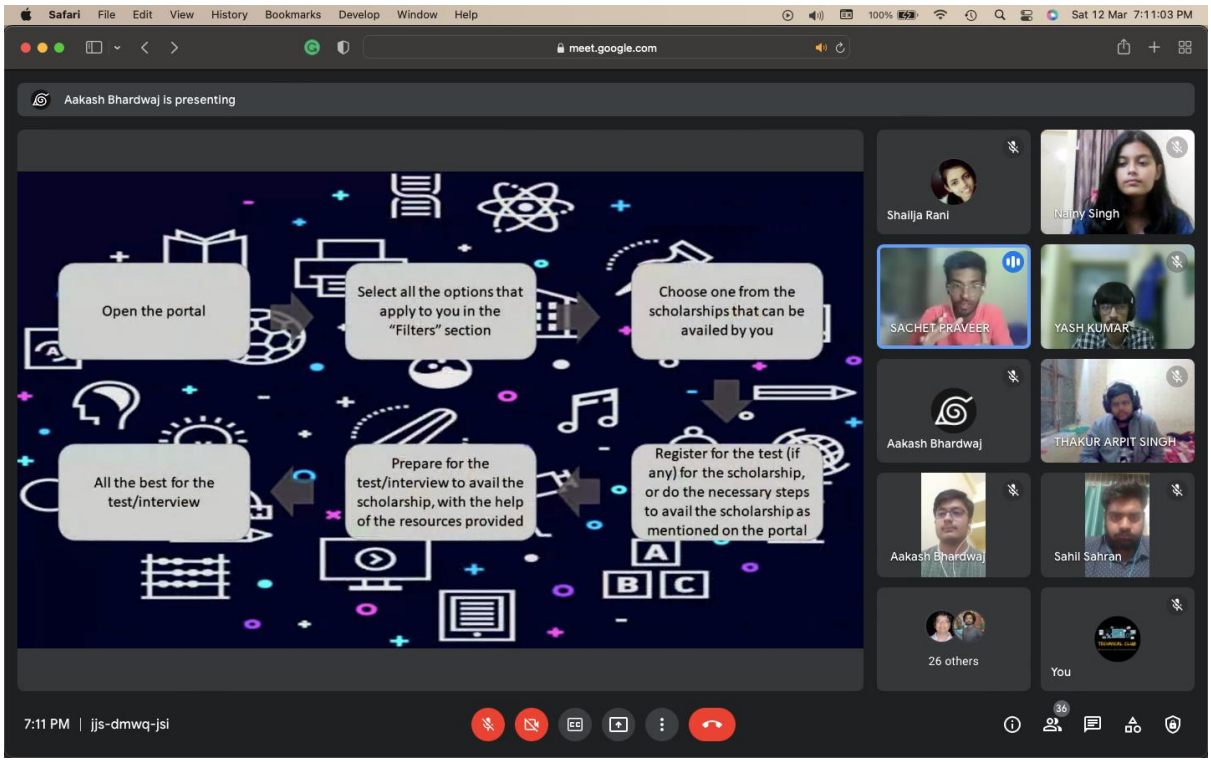


Team Name: Server Monks

Event Photos



Team Name: Slytherin



Jury Members

Dr. Ritesh Kumar Badhai
Assistant Professor
In charge, Electronics and Communication Engg

Dr. Mayank Singh
Assistant Professor
In charge, Electrical and Electronics Engg

Dr. Sheel Shalini
Assistant Professor
Computer Science Engg

Birla Institute of Technology
Extension Center, Patna
Department of Electronics and Communication

TECHNICAL CLUB
Electronics and Communication

Internal Hackathon for SIH Results

15th March, 2022

We have concluded the Internal Hackathon for SIH on 12th March, 2022. Upon combining the scores from our esteemed judges, following are the results of the event:

Six teams selected for software Category:

1. Kaizen
2. Mojo Gojo
3. Slytherin
4. Aztec
5. Server Monks
6. Cotton Candy

The combined score sheet is as follows:

Team Name	Judge 1 (Out of 40)	Judge 2 (Out of 40)	Judge 3 (Out of 40)	Total (Out of 120)
Kaizen	34	29	33	96
Mojo Gojo	32	31	32	95
Slytherin	29	34	31	94
Aztec	31	30	30	91
Server Monks	33	28	29	90
Cotton Candy	26	30	28	84

15/03/22
Dr. Sheel Shalini
Judge 1

15/03/22
Dr. Mayank Singh
Judge 2

15/03/22
Dr. R. K. Badhai
Judge 3