



SYMBIOSIS INSTITUTE OF COMPUTER STUDIES & RESEARCH

Symbiosis International (Deemed University)

Established under section 3 of the UGC Act 1956

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Founder: Prof. Dr. S. B. Mujumdar, M. Sc., Ph. D. (Awarded Padma Bhushan and Padma Shri by President of India)

Joint Ideathon – IEEE SICSR Student Branch IEEE North Jersey Section and IEEE Pune Section Greening The Planet Ideathon Event Report

Topic of the Event: Greening of the Planet Ideathon

Type of the Event: Workshop and its Application

Date(s) of the Event: October 6, 2023 to October 7, 2023

Name of the Event Co-ordinators and Volunteering Team Members:

Dr.Rajashree Jain and SICSR IEEE Student Branch members

In collaboration with IEEE Pune Section, IEEE North Jersey Section, Joint Chapter of AP MTT EMC(JCAME) IEEE Pune Section, Educational Activities of IEEE Pune Section/ IEEE SICSR Student Branch and IEEE Affinity Groups of Students, YP and WiE of Pune Section

About the Ideathon

This initiative invited students and young professionals to collaborate in shaping a more environmentally sustainable future. The aim was to engage participants with a development mindset or business acumen and a strong desire to address pressing concerns for the planet.

The challenge centered around finding solutions towards the effect of climate change and mitigating the same using technology.

The ideathon had the below tracks for the participants to ideate. The ideas would address other crucial issues for a more ecologically balanced earth.

- Mitigating Carbon Emissions
- Enhancing Water Scarcity and Quality Management
- Innovating Waste Management Strategies

- Alleviating Food Insecurity

This was a dual-phase competition. In the first phase, the participants conceptualized and developed their thoughts on climate issues. The second phase comprised a Hackathon, during which participants transformed their ideas into software solutions based on their initial concepts.

Participation in the Hackathon may open the doors to global challenges like ‘Call for Code’ further empowering them to contribute to impactful solutions. Industry mentors will provide guidance to help you prepare for this international endeavor.

Timeline

Phase	Details	Date	Speaker
1	Call For Registration	10 September- 30 September	-
2	Orientation and FAQ	3 October 2023	G S Mani, Lekha Phijo and Dr.Rajashree Jain
3	Design Thinking Workshop	6 October 2023	Ms. Sheetal Atha and Charu Nawani
4	Greening the Planet Ideathon	8.30 PM 6 October 2023 to 8.30AM (IST) 7th October 2023	26 Groups
5	Panel Evaluation	7th October 2023 11.30AM to 1PM (IST)	<p style="text-align: center;">Panel 1</p> <p>Mr. Jagdish Chuadhari, Dr. Neha Sharma, Mr.Amol Gulhane</p> <p style="text-align: center;">Panel 2</p> <p>Mr.Dhiraj Mani Chaurasia, Ms.Charu Nawane, Dr.Preeti Ramdashi</p>
6	Jury Evaluation	7th October 2023 8.00AM to 9.30 PM (IST)	<p>Top 7 shortlisted teams presented in front of the jury</p> <p>Dr.Ajay Poddar, CSo, Synergy Microwave, IEEE North Jersey Section</p> <p>Girish Khilari, Founder, EIOT, Pune</p> <p>Prashant Joshi, Found Leap and Scale, Pune</p>

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A total of 26 Teams registered for the ideathon spanning across Pune section. They represented 8 different organizations of Pune. Due to technical issues North Jersey participants could not join the competition.

Design Thinking Workshop

On October 6, 2023, an in-person event took place at the Symbiosis Institute of Computer Studies and Research. The event included a design thinking workshop led by Mrs. Sheetal Atha and Ms. Charu Nemani. Participants could choose from topics such as mitigating carbon emissions, addressing water scarcity and quality issues, innovating waste management strategies, tackling food insecurity, and leveraging space technology. They were tasked with creating a design thinking chart on A3 sheets, segmented into four sections: SAYS, THINKS, DOES, and FEELS. This workshop aimed to help participants refine and strengthen their ideas.

The Design Thinking workshop conducted in tandem with the Greening the Planet Ideathon was an enlightening experience for participants, fostering innovation and sustainability. This collaborative initiative aimed to harness the power of creative problem-solving to address environmental challenges.

The workshop commenced by guiding participants through the process of defining their problem statement and understanding their target audience. This foundational step was instrumental in shaping their ideation process, ensuring that their solutions were user-centric and aligned with the overarching goal of greening the planet.

A pivotal aspect of the workshop was the application of Empathy Maps. These tools allowed participants to delve deep into the shoes of their potential users, fostering empathy and a profound understanding of their needs and pain points. As a result, participants could generate ideas that were not only innovative but also highly relevant.

Furthermore, the Impact-Feasibility Matrix was a powerful tool used to categorize and prioritize ideas. It enabled participants to distinguish between quick wins, big bets, low-hanging fruit, and nice-to-haves. This exercise was crucial in helping them identify solutions that not only held promise but were also realistic within the given timeline.

In conclusion, the Design Thinking workshop, in collaboration with the Greening the Planet Ideathon, proved to be an exceptional platform for students to develop creative solutions with a positive environmental impact. It not only refined their problem-solving skills but also instilled the significance of delivering meaningful solutions within specified timeframes. The combination of empathy, ideation, and practicality instilled during this workshop set the stage for a promising path towards a greener, more sustainable future.

Post this event, IEEE day was celebrated.

During the event, Mr. Jagdish Chaudhari, instrumental in the MOU and the establishment

of the Affordable Agriculture lab at SICSR, was introduced by Dr. Rajshree Jain. Mr. Abhijit Kurape, Secretary at IEEE Pune, emphasized the importance of design thinking in problem-solving and shared upcoming plans and achievements of the IEEE Pune Section. Parag Kaveri, Deputy Director at SICSR, highlighted IEEE's role in fostering innovative ideas and technology resources. Rakshit Jain, SAC Team Chair, introduced upcoming IEEE Pune Section Flagship Events and encouraged participation. The event concluded with a vote of thanks to Mrs. Sheetal Atha and Ms. Charu Nemani for their contributions and to the members of Excom, IEEE Pune section and SICSR Management

Networking : Tea Party for all the participants

The event ended on a delightful note with a tea party, where all the participants had the opportunity to network with both senior members of IEEE and the SICSR team. This provided a platform for them to exchange their thoughts and feedback on the program. The event was highly appreciated, and the participants found great value in connecting with the experienced IEEE seniors.

Greening the Planet Ideathon

On October 7, 2023, two virtual meetings were held for the final evaluation, with two panels of committee members formed.

Two Panels with IEEE Members from Pune, Mr. Jagdish Chuadhari, Dr. Neha Sharma, Mr. Amol Gulhane, Mr. Dhiraj Mani Chaurasia, Ms. Charu Nawane, Dr. Preeti Ramdashi evaluated the Ideathon submissions.

The top seven teams were selected for the final presentation in front of the jury members Dr. Prashant Joshi, Mr. Girish Khilari, and Dr. Ajay Poddar from North Jersey Section.

Awards

The following Teams received the awards

- A) EcoVisionary Award (Sustainability):** Purvesh Mule and Nikhil Kamode, G H Raison College of CEM, Pune
- B) Trailblazer Award (Innovation):** Pranav Bari and Onkar Diwate, JSPM COE, Pune
- C) Eloquence Award (Best Team Presentation):** Rakshit Jain and Sanchi Hisariya, PCCOE, Pune

Overall, the Ideathon aimed to foster innovation, problem-solving, and collaboration within the IEEE community, with a focus on sustainability and addressing global challenges. The event showcased the dedication and creativity of the participants and highlighted the role of mentorship and support in nurturing innovative ideas. The awards presented further recognized and encouraged outstanding contributions and innovative solutions.

Next Steps

Participation in the Hackathon will open the doors to global challenges like ‘Call for Code’ further empowering them to contribute to impactful solutions.

Industry mentors will be assigned to the participants to groom their ideas in a better share.

A hackathon would be arranged to enable the participants to build/ implement the idea.

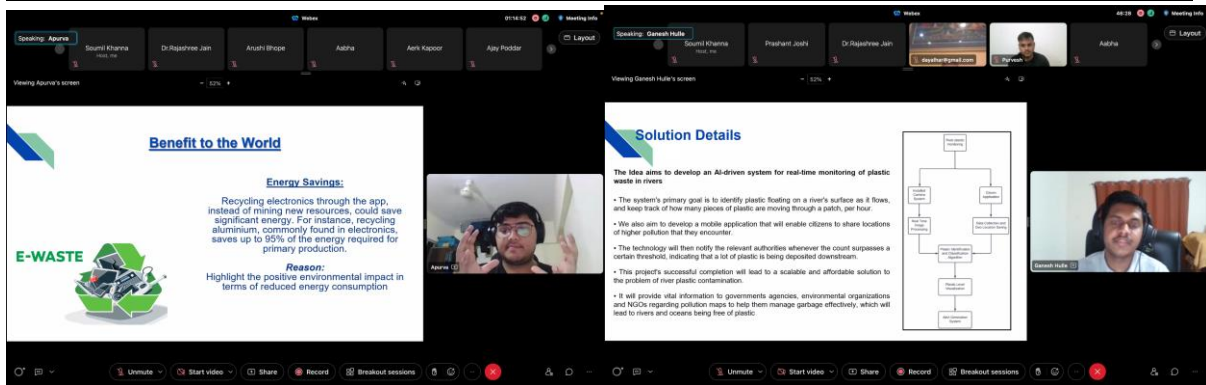
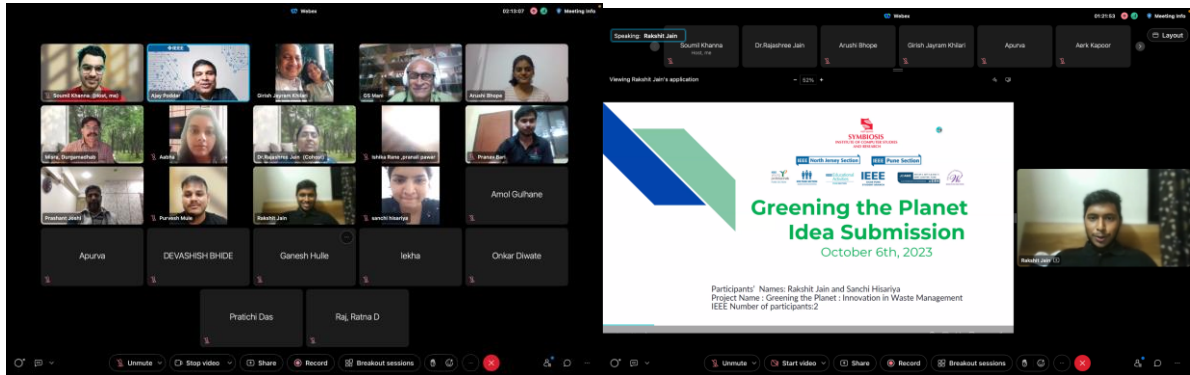
This is the beginning of the journey towards enabling the IEEE teams to contribute to curb the effects of climate change using technology for a sustainable future.

Event Images

Design Thinking Workshop:



October 7th - Jury Evaluation



IEEE Day Celebration

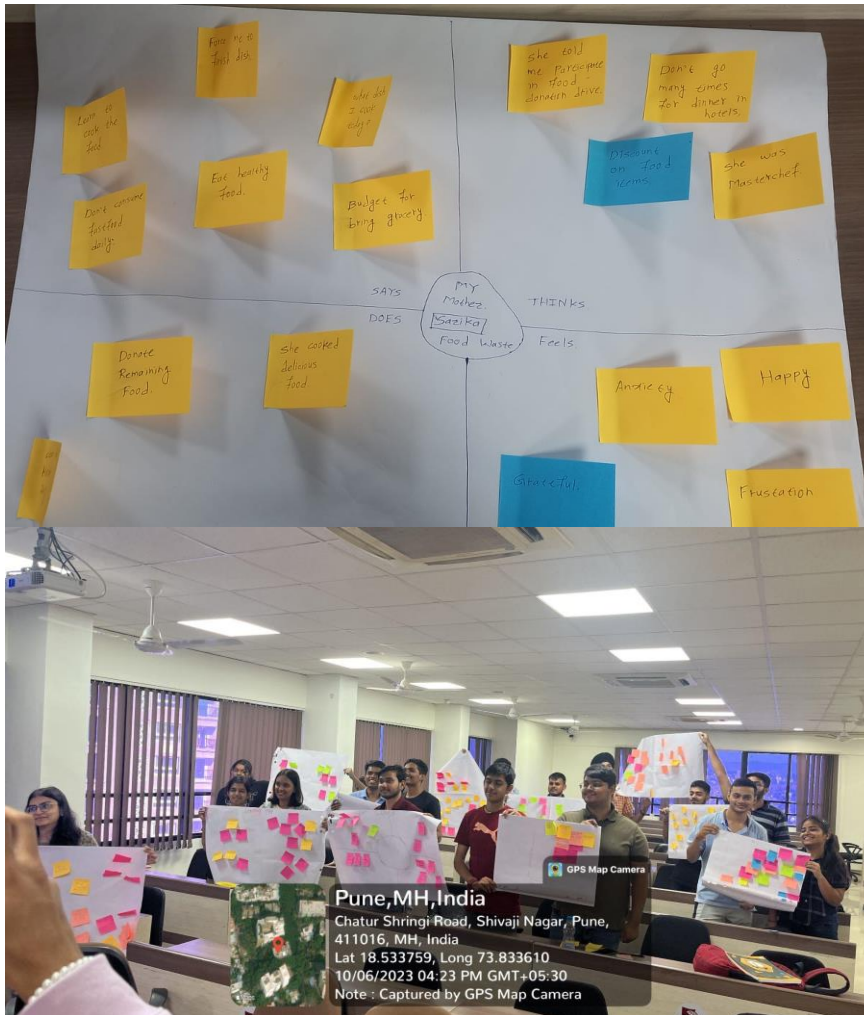


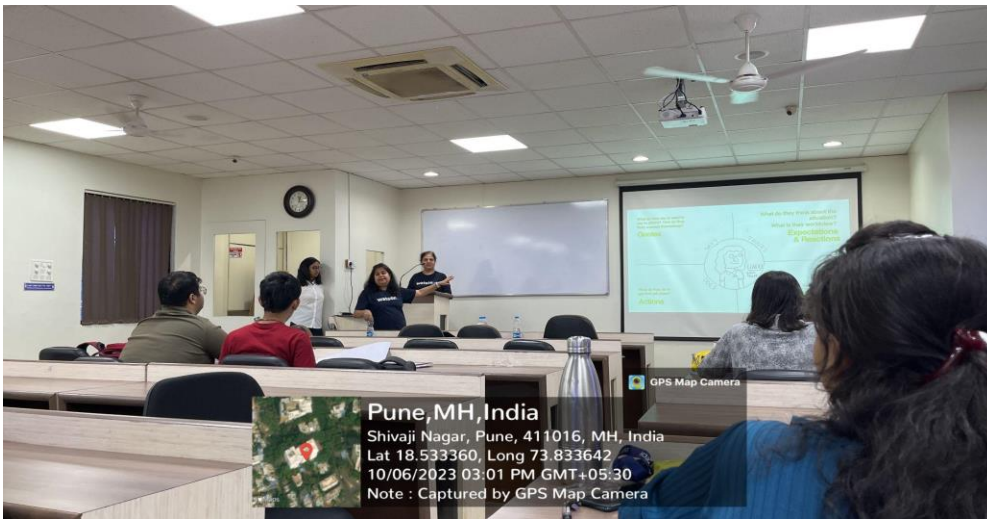
GS Mani Krisha Aggarwal LEKHA PANIKUL... Rajashree Jain Rakshit Jain

SYMBIOSIS INSTITUTE OF COMPUTER STUDIES AND RESEARCH IEEE North Jersey Section IEEE Pune Section

About the Ideathon & Future Scope

Ideathon FAQ Session
October 3, 2023







Dr.Rajashree Jain Arushi Bhope Girish Jayram Kh... Apurva

Benefit to the World

Reduced environmental impact and Enhancing Sustainability: By promoting efficient waste management and recycling, the solution can help to reduce pollution, conserve natural resources, and mitigate the negative effects of improper waste disposal on ecosystems. The solution aligns with global sustainability goals, fostering a cleaner and healthier environment for current and future generations.

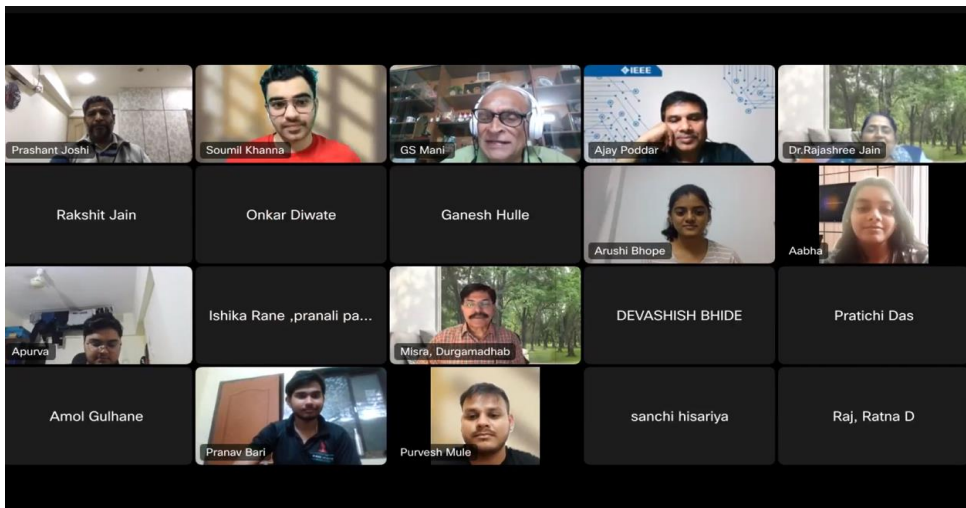
Increased convenience: By addressing time scarcity and providing convenient waste management options, the solution makes it easier for individuals to participate in responsible waste practices.

Financial incentives & Community engagement: The integration of profit-making opportunities incentivizes individuals to actively participate in waste management, turning waste into a resource and contributing to a circular economy. Community-level composting and recycling efforts encourage collaboration among residents, fostering a sense of community and shared responsibility for waste reduction.

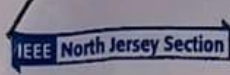


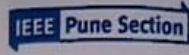
Improved waste reduction: The grievance and feedback system allows for continuous improvement in waste management services, addressing challenges and inefficiencies promptly. This, in turn, reduces waste and promotes better resource utilization.

Knowledge sharing & Global awareness : The blogging and story-sharing feature encourages the exchange of waste management best practices and innovative ideas globally, creating a knowledge-sharing network that can lead to more effective waste management solutions worldwide. As more individuals and communities adopt this waste management solution, it raises global awareness about the importance of responsible waste disposal and resource conservation.

Data-driven decision-making: The use of geotagged photo proofs can act as data resources for organizations to perform data analytics enable data-driven decision-making in waste collection and management, optimizing routes and resource allocation for greater efficiency.



Attendance Sheet:

Greening the Planet Ideathon
Attendance sheet for October 6, 2023

NO	NAME AS ON CERTIFICATE	PHONE	INSTITUTE	SIGN
1	DEEPAK CHANDRAKISHOR CHOUDHARY			
2	VEDANT DUMBHARE			
3	SIDDHESH TANAJI MALEKAR	8308015720	JSPMRSCOE	<i>Siddhesh</i>
4	KRISHA AGGARWAL			
5	SCIDDHANTO SINHA			
6	SHENILA ANSARI	8605007085	JSPM RSCOE	<i>Shenila</i>
7	TUSHAR SADANAND ALANDE			
8	KAUSTUBH UGALE	9156732589	AFSSIMJ IDIT	<i>K. U.</i>
9	PRANALI GORAKH PAWAR	9699066291	JSPM RSCOE	<i>P.G. Pawar</i>
10	RITISH GUTTEDAR	8275996097	JSPM RSCOE	<i>Ritish</i>
11	PRANAV BARI	7218544386	JSPM RSCOE	<i>Pranav</i>
12	RAKSHIT JAIN	9172450224	PCIOE	<i>Rakshit</i>
13	ANUJ HANMANT JADHAV			
14	ANANNYA SRIVASTAVA	6307617797	SICSR	<i>Anannya</i>
15	SARVESH SACHIN PAWASKAR			
16	HARDIK KARWAL	4303201169	SICSR	<i>Hardik</i>
17	AERK KAPOOR	9082808447	SICSR	<i>Aerka</i>
18	SHIVANGI AGARWAL			
19	TARAN PANFAIR	7030777413	SICSR	<i>Taran</i>
20	AAKASH BANDA			

IEEE North Jersey Section


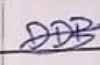


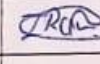
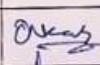
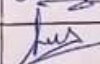

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IEEE Pune Section

Greening the Planet Ideathon

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NO	NAME AS ON CERTIFICATE	PHONE	INSTITUTE	SIGN
21	SARVESH GADKARI			
22	ADITI SONI			
23	MADHURI CHAVAN			
24	KARAN LALPOTU	8010379686	GHRCM	
25	NIKHIL KAMODE			
26	ANIKET KATYARMAL			
27	DEVASHISH BHIDE	7620985722	GHRCM	
28	PRASAD BABAR			
29	RITISH GUTTEDAR	8295996097	JSPMRSCOE	
30	AKANSHA PRASAD			
31	ANIRUDHA AGRAWAL			
32	SAKSHI SALVE	7666591279	JSPM, RSCOE	
33	AYUSH ARVIND BEDRE			
35	SAKSHI SHIRSATHE			
36	ISHIKA VIPIN RANE	8805940201	JSPM, RSCOE	
37	SIDDHESH MALEKAR			
38	ONKAR DIWATE	8888782150	JSPMRSCOE	
39	SANCHI HISARIYA	8857929592	PCCOE	
40	TANISHKA CHOPRA			

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













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Greening the Planet Ideathon

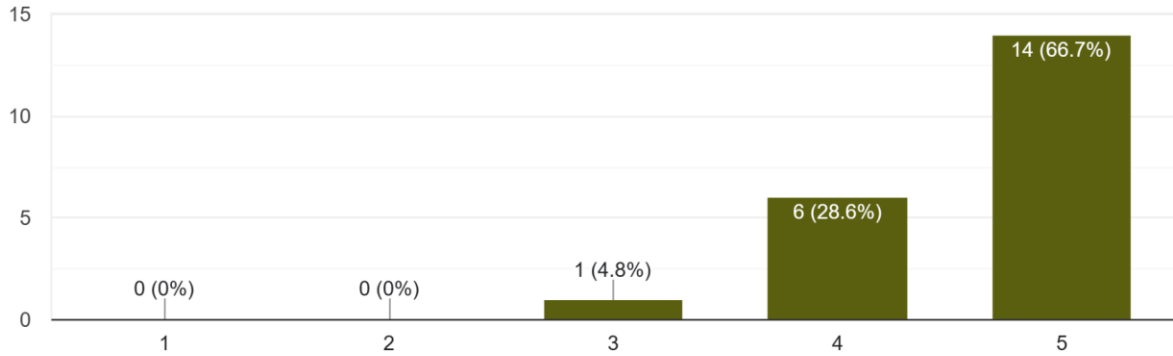
Attendance sheet for October 6, 2023

NO	NAME AS ON CERTIFICATE	PHONE	INSTITUTE	SIGN
41	AMAN JEE			
42	PURVI	9660792701	SICSR	
43	APURVA AGARWAL	7002311831	SICSR	
44	SARTHAK NAIKARE			
45	GARV BHARGAV	6377618075	SICSR	
46	ARMAAN JINNAH			
47	DISHA KALMALASKAR			
48	VEDANT BHOSALE			
49	SHRUSHTI VYAVHARE			
50	SIDDHANT GAVAND			
51	PURVESH MULE	9657277060	GHRCEMI	
52	ASHISH GUPTA			
53	KRISHNA BOBDE	9820769613	SICSR	
54	DIYA NASA	9250524541	SICSR	
55	SHEETAL BANJARA	9057510653	SICSR	
56	HARSH PRITHVANI	8888291118	SICSR	
57	ADITYA BAJAJ	9910012722	SICSR	
58	DHWANI	9545346875	SICSR	
59	ADITYA TUTEJA	9669827013	SICSR	
60	PAANKHURI JALAN	9810464730	SICSR	
61	PRATICHI DAS	8229002789	SICSR	

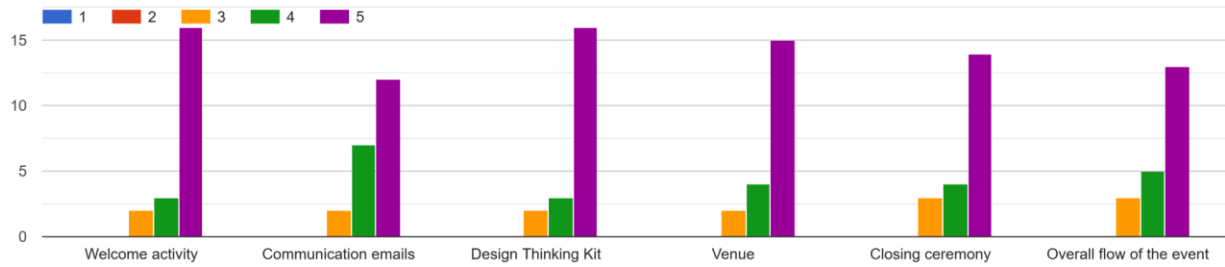
Feedback Responses:

How satisfied were you with the event?

21 responses



How satisfied were you with the logistics?



Provide your feedback on Pre-Ideathon Workshop on Design Thinking.

