NSS IITD

NSS IIT Delhi

presents

KAIZEN'23

CASE SAMADHAN

A Social Case Study Competition to address real-world problems through critical thinking and innovation

NSS IIT DELHI

National Service Scheme (NSS) IIT Delhi is a government body under the Ministry of Youth Affairs and Sports. We collaborate with multiple NGOs and work under many social domains like Education, Environment, Health, Innovation, Society etc. to address the prominent problems in the society.

Education

Environment

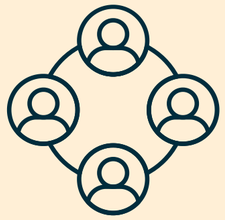
Health

Innovation

Society

KAIZEN

Kaizen is the annual social extravaganza organised by the NSS unit of IIT Delhi, full of entertainment with exciting competitions, spectacular workshops and keynote lectures.



Collaborations

Speakers & Experts

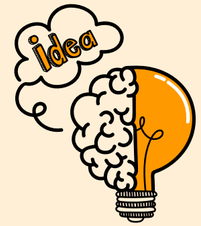
Competitions

Social Work

CASE SAMADHAN

Social Case Study Competition

Case Samadhan is social case study competition to address real-world problems through critical thinking and innovation as a part of Kaizen'23 in collaboration with Sewa International. It is intended to evaluate your ability to allocate resources efficiently, make wise decision, use your managerial intuition to handle relevant problems, and come up with novel approaches to addressing complex social issues. The ultimate aim is to enable the development of radical new responses to old challenges.



FORMAT

Round 1: Preliminary Round

Problem statements for the case study would be given. Teams are required to upload their presentations online. Teams will be evaluated on the basis of their presentation submitted for selection in final on-site round at IIT Delhi.

Round 2: On-site Presentation

Teams will present their case study in person to the judges at IIT Delhi. A Q&A session will follow the presentation. Additional information will be communicated to the shortlisting teams.

ROUND 1

Preliminary Round
(Online Submission)

- This round involves Online Submission in the form of a Presentation/PDF of a maximum of **10 slides** (which includes a slide on team introduction). The presentations will be used for shortlisting teams for the On-Campus Round 2.

- You are required to come up with a model/idea and present it, through which this problem can be solved. The idea/model can be either **Technological** or **Policy-based.**

- Presentation should include an **in-depth analysis** of the problem and proposed solutions.

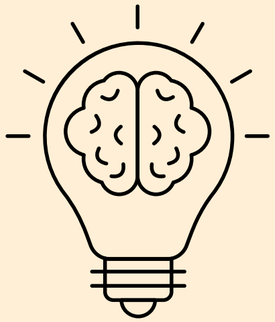
- Submissions will be evaluated on the basis of Depth of analysis, originality and uniqueness of the solution, scalability and feasibility.

ROUND 2

On-Site Presentation Round at IIT Delhi

- The shortlisted teams will be invited for the **On-Campus round** and will be given the opportunity to present their model to a panel of eminent judges at **IIT Delhi.**
- Each team will be given **10 minutes** for the presentation, followed by a **5-minute Q&A** session.
- Further details will be communicated to the shortlisted teams.

Date of the event : 2nd April 2023
Venue : IIT Delhi



PROBLEM STATEMENT 1

India's Water Crisis: The Challenge of Access and Contamination

India is facing a major water crisis, with many parts of the country experiencing severe water scarcity and contamination of water sources. According to a report by NITI Aayog, over 600 million people in India face high to extreme water stress, and 200,000 people die every year due to inadequate access to safe water.

Urban population estimated 285 million and assuming water supply of 135 litres per capita per day, the domestic water demand is estimated at around 38,475 million litres per day (MLD), whereas as in study the urban population was 377 million with a domestic water demand of 50,895 MLD. It shows that growth in urban population leads to additional water demand of 12,420 MLD in urban areas.

In this context, your task is to design and develop an innovative solution that can help address the water crisis in Urban areas. Your solution should be cost-effective, scalable, and easily implementable across different regions and communities. It should also take into consideration the social and economic realities of the country and should be feasible within the existing regulatory framework.

PROBLEM STATEMENT 2

Improving Healthcare Access in Rural India

India is home to millions of people who face various challenges related to access to healthcare services, especially in rural and remote areas. These challenges include limited availability of healthcare facilities, shortage of trained medical professionals, and inadequate resources for medical equipment and supplies. As a result, many people suffer from preventable illnesses and diseases, and often lack the means to access quality healthcare.

In this context, your task is to design and develop a technical or policy-based solution that can help improve access to healthcare services for people in India, especially in underserved areas. Your solution should be innovative, cost-effective, scalable, and easily implementable across different regions and communities. It should also take into consideration the social and economic realities of the country, and should be feasible within the existing regulatory framework.

PROBLEM STATEMENT 3

Addressing the Mental Health Crisis

Mental health problems are increasingly prevalent in today's world. With the global pandemic exacerbating these issues, it has become more critical than ever to find innovative solutions that are cost-effective, scalable, and easily implementable across different regions and communities. Your task is to come up with a solution to address this mental health crisis that takes into account the social and economic realities of the country and is feasible within the existing regulatory framework.

Your proposed solution should aim to provide access to mental health services to as many people as possible, without being limited by geographic or economic barriers. The solution should be designed to provide help to people who may not have access to traditional mental health services or cannot afford them. Additionally, it should also focus on building awareness around mental health and reducing the stigma associated with seeking help for mental health issues. It should be well-researched and should take into account the local context of the country or region.

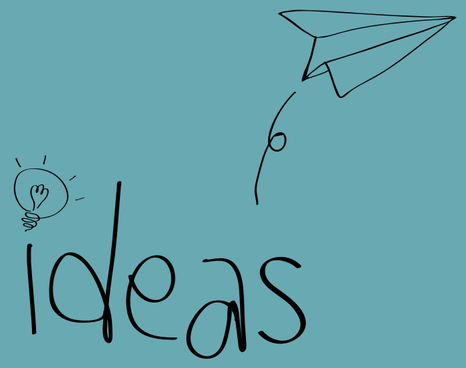
Registration

Kindly fill out the registration form in a team of **1-3 members**.

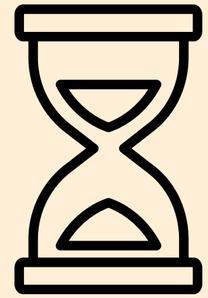
Registration Link: http://nss.iitd.ac.in/l/kaizen'23-case_samadhan

GUIDELINES

- Each Team shall comprise of **1-3 members** from the same institute.
- The team need to choose and work on any **1** Problem Statement.
- Cross-year and cross-specialization teams are allowed to participate.
- It is mandatory to fill out the Registration Form to participate in the competition.
- Plagiarized entries will be **disqualified.**
- After round 1, the shortlisted team names will be put up on the Unstop portal itself as well as mailed to all the teams.
- Use of unfair means will lead to **immediate disqualification** as and when identified during or after the competition, and any award or recognition garnered using such means will be revoked.
- NSS IITD **will not bear** any cost related to the travel of the participants.
- In case of any discrepancy, the decision of the organizers will be final and binding.

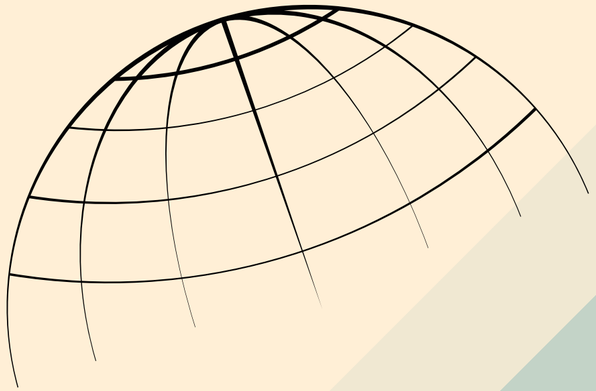


TIMELINE



Round 1: Online Submission
21th March 2023

Round 2: On-site Presentation
2nd April 2023



SUBMISSION GUIDELINES

FOR ROUND 1

- Submit your presentation/PDF through google form: http://nss.iitd.ac.in/l/case_samdhan_submission-form
- File name should be “TeamName_CollegeName”.
- Submission not adhered to guidelines will be disqualified.

PRIZES

- Participation certificates will be awarded to all the teams.
- All teams making it to the on-campus round will be eligible to get a Certificate of Excellence.
- Cash Prizes, goodies, internships to the top teams.

And, of course, what prize is more than getting the opportunity to explore the campus of our very own IIT Delhi! :))

Thank You!

Address real-world social problems through critical thinking and innovation: Participate in our case study competition and contribute to social change.

Here is the registration link:
http://nss.iitd.ac.in/l/kaizen'23-case_samadhan

For any queries, contact:
Himalaya (8850408370)
Taukir (9510671490)