



SAMUDRAMANTHAN
IIT KHARAGPUR

INNOTECH



RULES

Introduction to the Event

Innotect 2021 is a case-specific design and logistics competition aimed at students with an interest in problem solving, business, and logistics. The event involves a problem statement provided to participants with a potential scenario in the maritime industry. Rather than focus on the complex engineering behind ships, this event looks at the design theory, operations, and planning behind them.

Entry to this event is by registering on the official Samudramanthan website. All intimations and communications to the team will be through the portal, so kindly ensure you are registered in advance. Samudramanthan welcomes teams from colleges all over India to take part in this unique and challenging contest!

Stages & Timeline

Innotect 2021 will be organized in 2 rounds where participants will receive an opportunity to submit their designs to the judging panel, and if selected for the next round, they will receive a chance to present and field questions on their submission.

Stage 1: Operation & Business Document Submission

The problem statement for Innotect 2021 is provided in the next section. Participating teams must work on solving the business and operation problem posed. Their submission will cover topics on the business plan, operational planning, and structural designs. The solution must be both feasible and practical. The submission will be in a single .pdf file that must be uploaded within the specified deadline. The deadline for stage 1 is 14th March, Sunday, 2021 at 11:59 PM.

Stage 2: Business Presentation during SM21

Once your team is selected to progress to round 2 of Innotect 2021, we will intimate the platform for presentation and the timing. You will be required to present your earlier submission to a judging panel. The limit for this is strictly 10 mins, with an additional 5 mins reserved for a QnA session.

Problem Statement

The problem statement for Innotect 2021 will be released shortly. Please check this page regularly for updates on the PS.

Judging Panel & Criteria

The judging for Innotect 2021 will be solely on the basis of criteria as laid down by the judges. The judging panel will comprise of esteemed professors and technical experts from the Department of Ocean Engineering and Naval Architecture, IIT Kharagpur.

Judging criteria for round 1:

1. Adherence to rules stated in this document (10)
2. How well the idea is presented in the submission (30)
3. Has the problem statement been adequately addressed (30)
4. Proposed solutions and methodology (30)

Judging criteria for round 2:

1. Originality and creativity (20)
2. Organization and logical presentation of thoughts (20)
3. Presentation and delivery (20)
4. Knowledge on the subject (20)
5. Question-Answer session (20)

Rules and Regulations

1. Teams can consist of up to 3 - 5 members. The members need not be from the same university/organization.
2. The problem statement will be released only on the Samudramanthan official website at a later date. Participants are advised to check <https://www.samudramanthan.in> regularly for updates.
3. The deadline for submission is 14th March 2021 at 11:59 PM, and it must be in a single file uploaded in the .pdf format. All submissions must be on the Samudramanthan portal and no mailed-in submissions will be considered.
4. Only the top 20% of participants will be considered for stage 2. In case of a tie, both teams will be considered.
5. Selected teams will be informed about the platform for stage 2 in advance, and must ensure it is installed and in working condition.
6. It is preferred if all team members actively take part in the presentation for stage 2. Strict adherence to the time limit is encouraged, with the risk of a penalty for exceeding it.
7. Plagiarism is strongly discouraged, and any team found indulging in unfair practices will be summarily removed from the event. If the violation is found to be serious, they may also be removed from Samudramanthan 2021.
8. The decision of the judges is final and binding on all participants and teams.

Prizes & Rewards

All participating teams will receive certificates of participation from Samudramanthan, IIT Kharagpur. The top submissions may be published on our social media pages to appreciate their unique designs and design approach.

Innotect 2021 will award cash prizes to the top 3 participating teams on the basis of the presentation made in round 2. The overall prize money is ₹ 15,000/- for this event. The winners will also receive e-Certificates from Samudramanthan and a mention on our social media pages.

SAMUDRAMANTHAN 2021

19 - 21 March

Department of Ocean Engineering
and Naval Architecture

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In case of queries, reach out to
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