B.I.T SINDRI
Dhanbad, Jharkhand -828123

CASE-O-HEIST

in association with

MathWorks®
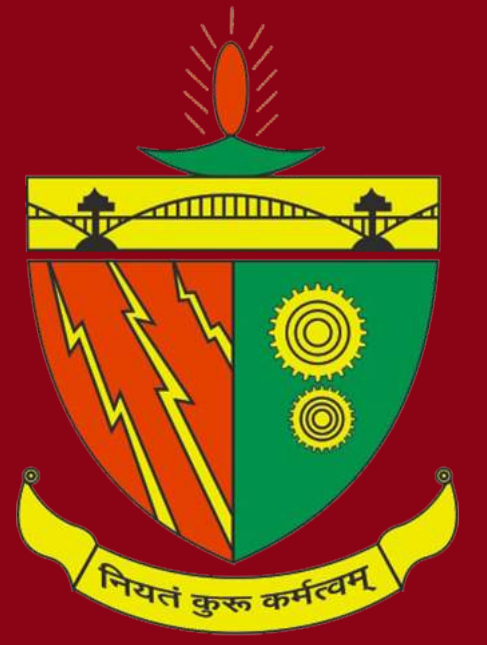
04th - 5th September 2021

Organised By: Model Club, B.I.T Sindri

https://caseoheist.modelclubbit.com/

ABOUT BIT SINDRI

B.I.T. Sindri was started as college of Mechanical and Electrical Engineering in 1949 at Patna. After an year it was shifted to Sindri on 17th November, 1950 .
The institute grew and flourished rapidly during the early days under the dynamic leadership of Prof. D. L. Deshpande, the then Director[1950-61].

The institute is controlled administratively by the Department of Science and Technology, Govt. of Jharkhand, Ranchi.
All courses are approved by All India Council of Technical Education and most of the undergraduate programs are accredited by the National Board of Accreditation, New Delhi.

The main aim of the institute is to cater to the needs of the nation for technological manpower development and research programs comparable to the best of the world. The college today offers B.Tech courses in 10 disciplines of engineering namely Mechanical, Electrical, Metallurgy, Production, Chemical, Electronics & Communications, Civil, Mining, Computer Science, Information technology, having NBA accreditation.

ABOUT MODEL CLUB

Model Club is an attempt to manifest the technical mind set, personality development and success stories of this Premier Technical Institution of Jharkhand. This club is the only technical club established by the **BIT administration in 1976** for conducting technical activities for the young technocrats of our college. After its establishment, in early seventies this club is on the way to scaling new heights every year continuously by organizing various technical events.

Model Club is an organization that is inherently associated with diffusion of science and technology in would-be technocrats. Concentrated solely in the BIT Sindri campus, the organization strives to sync the college with latest technological trends by **Tech-Events, Workshops, Seminar** and likes. Model Club's unexpected success years after year are backed up by sizeable portion of Students, Professors, Commercial Giants and Intellectuals alike.

ABOUT CASE -O- HEIST

Case-O-Heist aims to find innovative solutions to the various problems in the functioning and management of any organization in diverse sectors. The problems will be presented in form of a case, clearly specifying the problem areas and the required deliverables from the participants.

These challenges are designed to check the creative and positive mindset of the students of various age groups and all the institutes of India.

The future of a country lies in it's students. The more innovative the youth is today, the better will be the country's future. Model Club is excited to announce the "Case-O-Heist", a national level online case study challenge.

Very meticulously designed, this case study will give ample scope to all the changemakers to ponder over and solve some real-world needs.

A 48-hours long virtual evaluation will be conducted to test the proposed solutions against standard judgement criterion.

EVENT DETAILS.

TEAM COMPOSITION.

Registration should be done in a group of 2 to 4 participants. Solo participation is also allowed. Anyone with a desire to solve problems is welcome to use this platform. In a team, members can be from different institutions too. No inter-batch or branch restrictions.

The Team Name should be unique and not contain the name of your institute in any form. Teams will have their Team ID which will be used for further contacts and process of Case-O-Heist.

EMINENT INVITEES.

Judges
Hackathon Specialists
Industrial Experts
Software and Hardware Experts
Employees of Reputed Companies

WHO CAN PARTICIPATE ?

All the students currently pursuing education from recognized institutes are allowed to take part in the event. All Engineering & Non-Engineering Undergraduates are allowed to take part.

EXPECTED PARTICIPATION.

We anticipate over 500 participation from nationwide from institutes of multiple disciplines, including IITs, NITs, Business schools, and other interested institutes.

INTELLECTUAL PROPERTY.

The intellectual property of the team members will belong to the participants or jointly as applicable. The proposed idea should be indigenously developed, which could be actively used in the field of Business cases.

BENEFITS.

Benefits for the Participants

- Opportunity to present their business plans in diversified domains before the industry experts and major startup professionals.

- Getting new ideas to develop new tools and techniques.

- Identifying talented human resources for the development.

- Case-O-Heist will help to establish networks among students, experts, and professionals.

- A novel method to enhance the market potential and get their brand out there to innovative, tech-savvy, technology-minded people in their area.
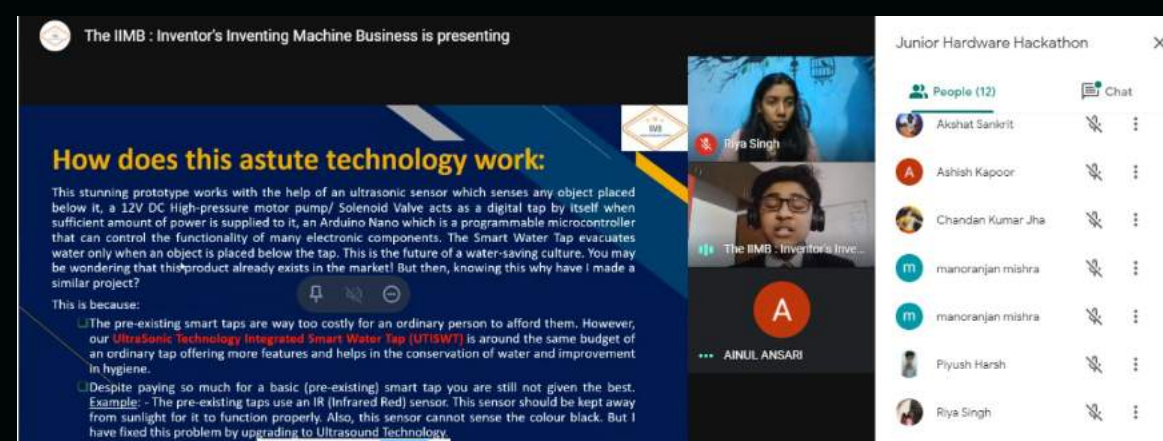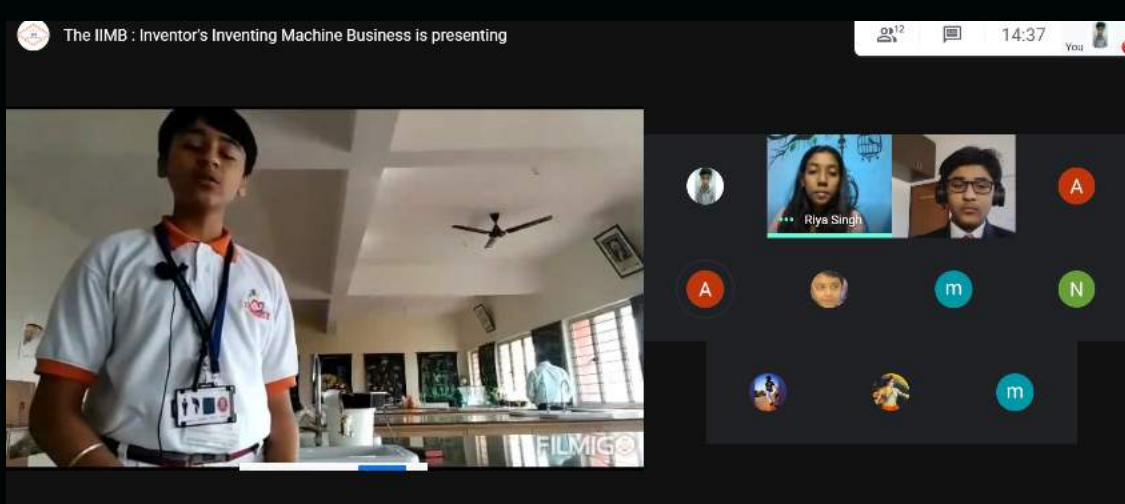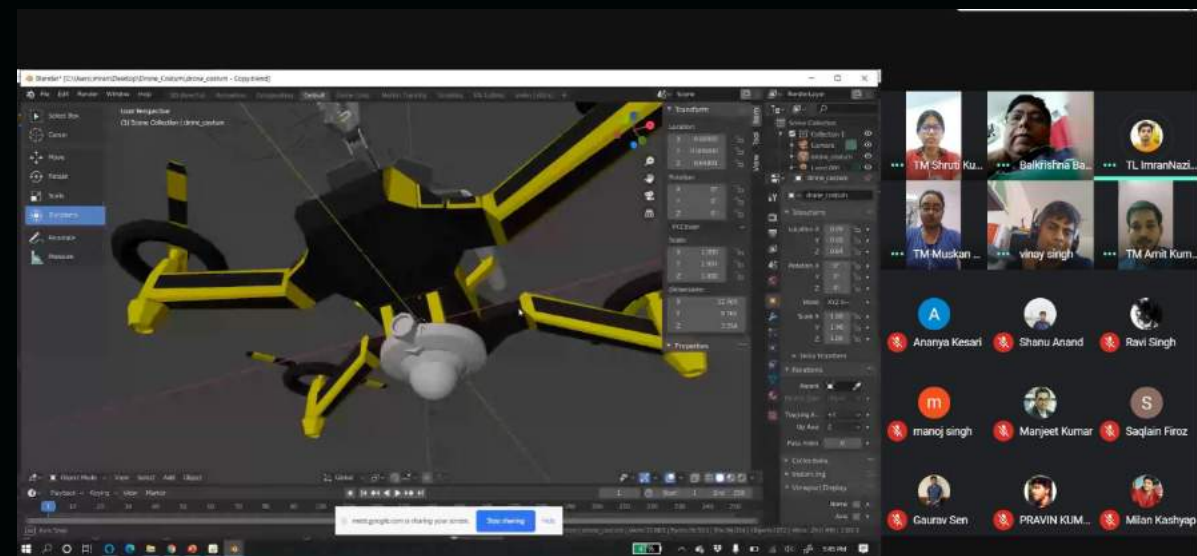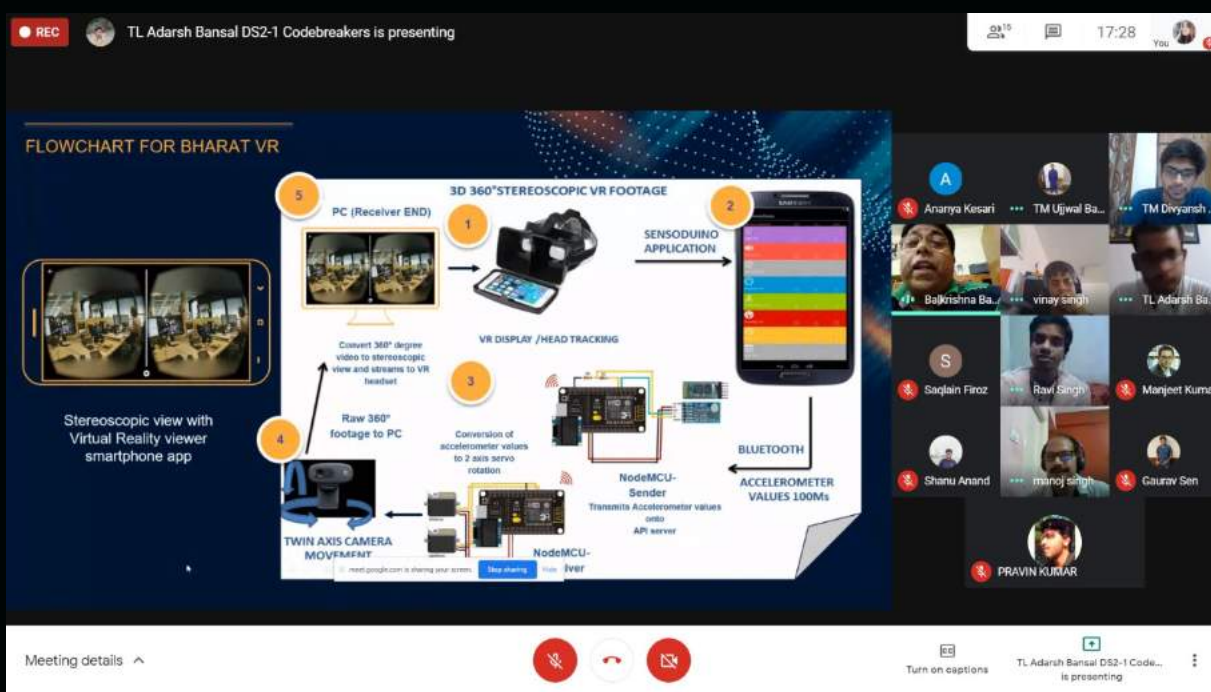
OUTCOME.

Program outcome of Case-O-Heist

- Foster technical and scientific attitude and mindset in young minds.

- Undergraduates must get developed in the sense of skillsets and creative thinking.

- Exchange of ideas among the students, industry professionals, academicians and authorities.

- Boost up the research and development in the domain of Science & Technology.

- Conversion of ideas into marketable manufacturing goods.

GLIMPSES.

A recap of our previous events.

1. Sandhaan
2. Nav Ujjwal e-Innovation Hackathon
3. National Hardware Hackathon
4. De' Vision
5. UN75

EVALUATION PROCESS.

Basic Criteria:

The Judges will score eligible submissions using the equally weighted criteria mentioned in rubrics.

Few common process include:

(i) Relevant, feasible and applicable solution to the problem

(ii) Quality and Uniqueness of the Idea

(iii) Valuation of product in market

(iv) Technical implementation

SUBMISSION REVIEW

1. Each team has to select its Problem Statement while registering.

2. By the end of Registration and final product verification, teams will be allowed to present their models in front of a jury and judgment will be based on the feasibility, practicability, sustainability, scale of impact, user experience and potential for future work.

SCREENING PROCESS

The participants will submit their improved abstract with all specifications. Out of all participants best 30 teams will be shortlisted for further two rounds.

The top 30 teams will make their way into the presentation round, Pitch Perfect. Based on the scores recieved from the jury panel, the final face-off will be battled between the best 10 teams.

SCHEDULE.

Inauguration: *4th September 2021, 10.30 am onwards*
Talk Show: *4th September 2021, 12.30 pm onwards*
Pitch Perfect: *4th September 2021, 3 pm onwards*
Face-Off: *5th September 2021, 11 am onwards*
Results: *9th September 2021*

TENTATIVE PROGRAMME.

4th September 2021

Inauguration
Traditional Initiation by Mantras
Welcome Note
Event Discussion
Address By Director, BIT Sindri
Address By Prof In-Charge, Model Club
Addressing by 2-3 guests
Rule Discussions
Vote of Thanks
15-min Break
Talk Show
Pitch Perfect (Top 30)

5th September 2021

Face-Off (Top 10)
Final Round of the Competition.

LEAP TO INNOVATE

CASE -O- HEIST

in association with

MathWorks®

MATLAB MENTORING SESSION.

The All India Case Hackathon: Case-O-Heist is being organized in association with MathWorks. Post the evaluation rounds of the event, MathWorks will be hosting mentoring sessions for the students of BIT Sindri.

Through the sessions, the attendees will get better acquainted with the interface of MATLAB. Participants will learn the vast applications of the software in different industrial processes and streams of engineering.

Further details of the mentoring session will be conveyed after the conclusion of Case-O-Heist.

PATRON

Prof. (Dr) Dharmendra Kumar Singh

Director, B.I.T. Sindri, Dhanbad, Jharkhand

PROFESSOR IN-CHARGE

Dr. Ramjee Prasad Gupta

Assistant Professor, EE, B.I.T. Sindri
Prof. In-Charge, Model Club