



COLLOQUIA-MECHANICAL

INTRODUCTION:

“An investment in knowledge always pays the best interest”.

A small idea when given a right platform can create wonders in this world. so, here we present you an opportunity to manifest your ideas before the esteemed judges and inquisitive audience at one of the most awaited tech-fest of east india-colloquia, the power point presentation event of Wissenaire'24. It is a one of the greatest platforms that brings together all the talented thinkers around the country to present, discuss and develop their skills. So, what are you waiting for? Grab this opportunity and reserve your seat for a technical evening to express and explore yourself. And let your knowledge find solutions to advance technology for humanity.

EVENT FORMAT:

Round-1:

- Colloquia – Mechanical is an individual competition.
- In the first round participants will participate in online round
- Participants will be giving 15 challenging multiple-choice questions(MCQs) to show their knowledge.
- Based on this online competition participants will be selected to next round.

Round-2:

The top participants from the first round will progress to the final showdown. The final round will be an exciting competition among the best, although specific details are soon to be revealed.

WISSENAIRE'24 DOMAINS:

- Manual transmission in car
- Solar Aircraft
- Airless tyres
- Air Brakes System
- Dual fuel engine
- Liquid Speed Bump
- Computational Fluid dynamics
- Underwater Welding
- Noise Control in IC engines
- Solar power satellites
- Vacuum Braking System
- Plastic Welding
- Artificial intelligence in autonomous cars
- Carbon Nanotubes
- Green Engine Technology
- Rocket Propellant
- Hybrid Motorcycle
- 3-D printing and Rockets

JUDGEMENT CRITERIA:

- The participants will be judged on the basis of their innovation, in depth knowledge of the field and presentation skills. 20% weightage will be given to the participants who present along with the working/representative model.

- In case of any discrepancy, the decision made by the judges will be final.
- Participation certificate will be given to everyone and a certificate of excellence will be given to all the finalists.

PRESENTATION RULES:

- Presentation should not exceed 15 minutes.
- The maximum time allotted for a single presentation is 12 minutes, followed by a queries section for 3 minutes.
- Presentation crossing the allotted time, damages the score.
- Plagiarism is prohibited.
- Presentation will be done in IIT Bhubaneswar campus.

FORMATION RULES:

- There is no instruction for the count of participants from the same college.
- It is an individual competition.

CONTACT INFORMATION:

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