

# TECHNOVA

## Overview

<b>ELIGIBILITY CRITERIA</b>	Open to all students pursuing Bachelors/Masters/PHD in any science and engineering college
<b>TEAM SIZE</b>	Upto 3 (Individual participation allowed)
<b>SUBMISSION DEADLINE</b>	19th March 2023
<b>FINAL EVENT DATE</b>	2nd April 2023
<b>PRIZE WORTH</b>	28k

## Description

This event involves presentation of a technical paper (based on existing literature, on a specific topic) or any scientific work (original) in one of the following themes:

- Theme A:
  - Electronic Materials and Nanotechnology
  - Computational Material Science
- Theme B:
  - Advanced and Functional Materials
  - Biomaterials
- Theme C:
  - Material Processes
  - Physical, Extractive Metallurgy and Mechanical Metallurgy

# Rules

## **General Rules:-**

- The maximum number of participants in a Team is 3. Individual participation is also permitted.
- Teams have to present their submission only in one of the mentioned categories
- The best presenter from each category will be awarded.
- Participants have to present either their original paper or a technical paper on any topic of their choice (within the given themes) referring to existing work.

## **Rules for round 1:-**

- For this round, participants must submit the abstract of their paper through the submission form before deadline in the appropriate category.
- The abstract must be at most 1000 words.
- Category A: Competitors are supposed to submit original research work that falls within the scope of the session. All submissions will be thoroughly peer-reviewed by experts based on originality, significance, and clarity.
- Category B: Participants may also submit a well-researched thesis on the given theme without original research work by themselves. But proper citations and references must be mentioned.
- In the case of category A also, proper citations and references must be mentioned.
- In the case of category A:
  - Authors are requested to kindly restrict plagiarism in any form. Authors should submit their original and unpublished research work not under consideration for publication elsewhere.
  - Papers found to be plagiarized during any stage of review shall be rejected.

## **Rules for round 2:-**

- This round will be conducted in the form of a 'classical technical conference' at the IIT Kharagpur campus.
- Participants must prepare a presentation that should not exceed a time limit of 10 minutes, followed by 5 minutes of the Q&A session. Teams exceeding the time limit will be penalized.
- Evaluation will be based on both round performances by the team
- For Category A, the two best original papers will be awarded.
- For Category B, the best presentation from each Theme A, B and C will be awarded cash prizes.

## Judging Criteria

- All categories will be judged by a common panel on the basis of presentation skills, innovative ideas, difficulty and understanding of the presented work.
- Best two original works will be awarded for Category A
- For Category B, the best presenter of each theme will be awarded.
- The judges' decision is final on all matters.

## Frequently Asked Questions

Q: What is the procedure of registration for the event? Do all the members have to be registered?

A: Yes, as with all events, all the participants must first be registered through the COMPOSIT website, after which they will be provided with a participant ID. The final team registration for the event should be done by the team leader only where the participant IDs of the members must be entered.

Q: How is Category A different from category B?

A: In category A, we look forward to seeing submission of original scientific work of the participant. In Category B, we encourage participants to prepare an analysis report based on literature review of the topic of their choice and present their understanding in front of the panel of judges. Both categories will be adjudged accordingly with appropriate weightage to original work in Category A and presentation skills in Category B.

Q: What is the format of the abstract to be submitted in the first round?

A: The abstract, as for every scientific paper, should be a short summary of the research paper (Category A) or technical paper (Category B) submitted by the team. It should begin with a brief on the issue addressed or the aim of the paper, the research method and findings, touching upon the key elements of the work.

Q: What does 'technical paper' imply for Category B submissions?

A: A technical paper for a chosen topic/ issue analyses existing work in the area (similar to a 'term paper') and comprises of a brief literature review and analysis on a specific domain. It should follow the same format as a scientific paper.

Q: Is there a slide limit for the presentation?

A: No. Any number of slides may be used as long as the overall presentation is kept within the time limit.

## Contact

Ramona Kodkani : 9834467788

Gourav Pathak : 6204935889