

## CIVIL COLLOQUIA

### **INTRODUCTION:**

“Innovation is the calling card of the future” - Anna Eshoo.

Civil engineering is a professional engineering discipline that deals with the design, construction, and maintenance of the physical and naturally built environment, including public works such as roads, bridges, canals, dams, airports, sewage systems, pipelines, structural components of buildings, and railways. So here we come and present you with a platform to nurture YOUR ideas, to mould and give it a vivid and bright shape in front of the esteemed judges and inquisitive audience at one of the most awaited tech-fest of east India – Colloquia, the PowerPoint presentation event of WISSENAIRE'23.

### **EVENT FORMAT:**

#### **Round-1:**

- Participants have to mail the PowerPoint presentation files selecting their topic of interest provided in the list of domains.
- Participants should submit their PowerPoint presentation files to [competitions.wissenaire@gmail.com](mailto:competitions.wissenaire@gmail.com) with the subject of mail as “Colloquia Mech – Registration Id”.
- Complete details of all participants, taking part in the presentation, should be mentioned in the submission.
- Specify topic of the presentation as the heading of the submission
- Last date for submission is Jan 24, 2023.

#### **Round-2:**

On the basis of the submissions we receive, respective teams will be selected, purely based on the 1st round, for the final demonstration. This round will be conducted offline. A confirmation mail will be sent to the selected teams, to take part in the event during Wissenaire 2023.

### **WISSENAIRE '23 DOMAINS:**

- Microbial fuel cells
- Bio Hydrogen Production
- Green Building
- Advanced and sustainable construction material
- Earthquake resistant design
- Civil Engineering Design in smart cities
- New developments in concrete technology
- Soil structure and interaction
- Flexibility, adaptation and knowledge to survive during disaster



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WISSENAIRE

- Perpetual pavements
- Structural health monitoring
- Precast construction
- Foundation Engineering
- Energy Related Structure
- Space making in architecture
- Urban space design
- Infrastructural efficiency
- Social Infrastructure and its role in space making
- Non-motorized transits
- Smart transits system
- Heat Island
- Affordable Housing
- Recycling of construction material
- Sustainable road, infrastructure development
- Traffic congestion
- Road safety
- Sustainable building materials

### **JUDGEMENT CRITERIA:**

- The presentation 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 team Wissenaire is final.
- Participation certificate will be given to everyone and 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 not encouraged.
- Presentation will be done in the campus of IIT Bhubaneswar.



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### **FORMATION RULES:**

- Maximum number of participants in the team should not exceed 3.
- No participant can take part in more than one team.
- Each participant should have their respective college ID proof.
- It is not obligatory that the participants forming a team should be from the same college.
- There's no restriction for the number of teams from the same college.

### **CONTACT DETAILS:**

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Wissenaire' 23

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