



## **COLLOQUIA MECHANICAL**

### **INTRODUCTION:**

Colloquia, the paper presentation of Wissensaire'17 aims at tapping the infinite potential of human mind to generate an Idea, which when given a proper platform, which can transform into a great new discovery. This is your platform to express yourself, make your views known, explore your ideas and make the best paper presentation. We invite you to bring forth such original ideas and present it in a genuine and comprehensive way.

### **EVENT FORMAT:**

#### **Round 1-**

- Participants have to mail the PowerPoint presentation files electing their topic of interest provided in the list of domains.
- Participants should submit their PowerPoint presentation files to [submissions@wissenaire.org](mailto:submissions@wissenaire.org) with Subject of mail as Colloquia Mechanical.
- Complete details of the 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 to 25<sup>th</sup> Jan, 2017.

#### **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 at IIT Bhubaneswar. A conformation mail will be sent to the selected teams, to take part in the event during Wissensaire'17.



## **DOMAINS:**

- Instrumentation
- Micro-Electro-Mechanical Systems
- Advanced Materials and their Applications (Nano Materials, Bio Materials, Composite-Materials, Multifunctional Materials)
- Unconventional manufacturing process
- Bio engineering and bio mechanics
- Automotive engineering.
- Renewable and non- renewable energy systems or alternate energy systems
- Applied thermos-fluids
- Computational fluid dynamics and heat transfer
- Vibration and controls
- Machines and Mechanisms
- Linear and non-linear vibration, acoustics
- Micro scale and Nano scale heat transfer
- Phase change materials and its applications
- Aerodynamics (vehicle, sport)
- Robotics and Automation

## **TEAM FORMATION RULES:**

- Maximum number of participants in the team should not exceed 3.
- No participant can take part in more than one team.



IIT Bhubaneswar

The Annual Techno Management Fest

**WISSENAIRE**

3<sup>rd</sup> - 5<sup>th</sup> February 2017

- Each participant should bring their respective college ID proof. It is not obligatory that the participants forming a team should be from the same college.
- Any number of teams can come from same college, there's no restriction for it.

### **PRESENTATION RULES:**

- Presentation should not exceed 15 minutes.
- The maximum time allotted for single presentation is 12 minutes, followed by a queries section for 3minutes.
- Presentation crossing the allotted time, damage the score.
- Plagiarism is not encouraged.

### **GENERAL RULES:**

- Violation of any rule results in rejection of paper.
- The presentation will be judged on the basis of their innovation, in depth knowledge of the field and presentation skills.
- In case of any discrepancy, decision made by the judge is final.

### **CONTACT DETAILS:**

ALLWIN LUCIOUS

Event Coordinator

WISSENAIRE'17

Phone: +91-9078814438

Email ID: [al13@iitbbs.ac.in](mailto:al13@iitbbs.ac.in)