

Radiance 2018

VAIGYANIKI Competition

National Level Research Presentation Competition

General Guidelines to be adhered to by all participants are outlined below:

1. VAIGYANIKI invites submissions of research thesis (papers), creative projects, and innovative product developments pertaining to Mechanical Engineering.
2. All undergraduate and graduate students who are currently studying in any educational Institute in India are eligible.
3. To participate, students are required to register online on the link available on 'Vaigyaniki' page on radiance website.
4. Also, they are required mail an abstract of their project in the sample format given in point 8, on or before **28th Feb, 2018** and final complete paper on or before **8th March, 2018** to vaigyaniki.radiance@gmail.com
5. The submitted papers will be reviewed by a panel of experts (researchers at Department of Mechanical Engineering, IIT Bombay) in a two-step process:
 - a. Detailed review of abstracts based on structure, composition, and technical merit for shortlisting and acceptance into the final competition.
 - b. The shortlisted teams will be invited to present their research work along with working models (if any) to an esteemed panel during Radiance'16 (13th March) at IIT Bombay.
6. On the spot judging will be based on both presentation and technical merit.
7. Research papers will be accepted under the following 3 categories:
 - a. Thermal and Fluid Engineering
 - b. Manufacturing and Industrial Engineering & Operations Research
 - c. Design and Practical Projects
8. The participants should send a concise write- up in the form of a paper following the given paper format: **Times New Roman font, Font size: 12, Line spacing 1.5. Limit the paper to 14 - A4 size pages with normal margins.**
9. The write-up should consist of abstract, literature survey, objectives, methodology, experimental and/or theoretical details, observations, conclusions and references.

10. Figures, photographs, charts etc., facilitating better understanding of the work can be added.
11. View the sample format here:
http://www.radianceiitb.org/competitions/paper_format.pdf
12. Selected participants should bring a letter from their HOD/project guide attesting the authenticity of their projects, or the original copy of their project report duly attested by their HOD/project guide.
13. The projects competing for "**Best Implementation Award**" should bring their **working model/prototypes** along with them.
14. For industrial projects, the participants should bring a video clip of the working model accompanied by authentication letter for the video, duly attested by HOD/project guide.
15. The reports submitted should not contain any identification of the participant or their college, guide, etc. on any page except the front page.
16. Maximum of five persons are allowed per entry (i.e. **maximum 5 authors or project executioners**).
17. The time allotted for presentation will be **8 minutes**, followed by **10 minutes** of discussion.
18. Participants must strictly comply with time limits, failing on which shall be penalized by negative marking.
19. The decision of the judges will be final and binding to all.

For further queries, contact:

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