



TECHFEST
25 - 27 January 2008



Open Hardware

1. Problem Statement

Open Hardware propels you a step ahead. It incites you to nourish your ideas. It is one of the premier and challenging competition at Techfest and the ultimate platform for your radical and unconventional hardware developments to bring forth. You can bring for display any device, gadget or model that has been conceptualized, designed and developed by you. Emphasis is placed upon innovation, besides aspects like creativity, marketability and technical superiority.

2.1 Judging Criterion

1. Innovation
2. Cost Effectiveness
3. Marketability
4. Manufacturability
5. Technical superiority

2.2 Abstract Format

1. Explain briefly the idea of your project.
-----Your text comes here-----
2. Explain briefly how your project works? Please mention all the technicalities and functional analysis of the machine. (Diagrams, flowcharts etc. will be appreciated.)
-----Your text comes here-----
3. Highlight specifically the problem for which the project is worked out as a solution and your original contribution towards the solution of the problem.
-----Your text comes here-----
4. Comment upon the marketability of the project and its commercial applications.
-----Your text comes here-----

5. If your project is meant for some social or environmental cause, then mention its significance. (optional)
-----Your text comes here-----
6. Any other aspect of the project worth a mention. (optional)
-----Your text comes here-----

2.3 Abstract Submission

1. Participants should mail their abstracts with the registration number as the subject and preferably in .doc or .pdf format.
2. The abstract should be concise and to the point and should not exceed three A4 sheets of text typed with Times New Roman font of size 12 excluding the first sheet containing the title.
3. The first sheet should only contain title of the project, team registration number, names of the team members and their respective institutes.
4. The abstract may be supported by a maximum of five descriptive figures/graphs. Photographs are particularly welcome. Diagrams should be on additional sheets, which should not exceed five in number (photographic and graphic representation of the project is encouraged).
5. The information in the abstract should be very descriptive and not vague. It is recommended that vital aspects of the project that require special focus be mentioned as points.

3.1 General Rules

1. For screening purposes, a pre-event abstract, in a standard format, has to be submitted. The abstract should be mailed to openhardware@techfest.org with the subject 'Open Hardware abstract Reg. No._____'. Do not forget to mention the registration number.
2. The last date for submission of abstracts is 15th December, 2008 and any registered entry that fails to submit an abstract by this date will be disqualified from the event.
3. Short listed teams will be informed by mail before 5th January, 2008. A list of short listed teams will also be displayed on the Techfest website.
4. Only the participants who qualify in the screening round based on judging of the abstracts shall be invited to IIT Bombay for the finals.
5. Qualifying participants will have to make a presentation before a panel of judges explaining the salient points of their Hardware.
6. On a single chart paper, the team should explain their hardware with figures, diagrams and relevant material. A detailed report of the hardware in support of the design and highlighting the important aspects should also be brought.
7. Teams will be given only one hour prior to the competition to set up their machine at the venue for judging.

8. Participants should submit their hardware, software and other requirements (if required) needed at the time of competition along with the abstract for the screening round.
9. Selected entries may be displayed in an exhibition at Techfest 2008.
10. Kindly mention if there are any Intellectual Property Rights issues related to your project.
11. The organizers reserve all rights to change any or all of the above rules as they deem fit. Change in rules, if any will be highlighted on the website and notified to the registered participants.
12. The decision of the judges and the organizers will be final and binding.

3.2 Resources

Techfest would provide computers if and only if required. Participants are required to bring stuff like adapters, batteries, extension cords etc by themselves. Also, they must carry their CPU with the required software installed for design demonstrations (if required) as compatibility problems may arise at the last moment. Other necessary things like monitor, keyboard, mouse etc would be provided. All the participants should communicate these requirements along with the abstracts for the screening round.

3.3 Team Specifications

A team should consist of maximum of 2 members. Students from different educational institutes can form a team.

3.4 Eligibility

All students with a valid identity card of their respective educational institutes are eligible to participate in Open Hardware Contest at Techfest 2008.

3.5 Certificate Policy

1. Certificate of Excellence will be given to all winners.
2. Certificates of participation will be given to all teams that are selected after the abstract submission and are present during Techfest 2008.

3.6 Registration

Registrations for Open software have already started. Please note that these details will be used for all the future correspondence as well as documentation on certificates.

For further queries contact:

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