OPEN HARDWARE
If I create from heart, nearly everything works; if from head, almost nothing.

What follows when a storming innovative idea strikes you? It haunts you, your grey cells start contriving designs for it.

Open Hardware propels you a step ahead. It incites you to nourish your ideas. It is one of the premier and challenging competitions 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.

This year we are introducing **special category prizes** for the best machines answering any **social cause**.

Total Cash Prize of Rs. **40,000** to be won.

Rules and Regulations:

1. Students currently enrolled for up to an undergraduate/postgraduate program at their institute are eligible for the competition.

2. Number of members per team should not exceed three.

3. Every team has to register online at our website for the competition. A registration number will be allocated to the team on registration which shall be used for future reference.

4. Pre-event abstracts in **a standard format** (refer below) need to be submitted for the competition for the screening round.

5. The abstract should be mailed to abstract@techfest.org with the subject 'Open Hardware abstract Reg. No. -------' or posted to us at our postal address. **Do not forget to mention the registration number**.

6. Last date for receiving the abstracts is **10th January, 2004**.

7. In case the participants fail to submit the abstracts by the last date, their registration shall stand cancelled.

8. Only the participants who qualify after the screening round based on judging of the abstracts shall be invited to Techfest 2004 for the competition.

9. Teams will be given only one hour prior to the competition to set up their machine at the venue for judging.

10. 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.

11. The report along with the chart paper will have to be submitted to the competition coordinator at the time of the competition.

12. **Participants should submit their hardware, software and other requirements needed at the time of competition along with the abstract for the screening round.**

13. Selected entries will be displayed in an exhibition at Techfest.

14. Judges decision shall be treated as final and binding on all.

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, figures, circuits etc. are 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. Briefly mention the social aspects which your project aims to fulfill.(optional)
-------------Your text comes here-------------
6. Any other aspect of the project worth a mention.(optional)
-------------Your text comes here-------------

Some instructions:

1. Abstracts can be submitted either handwritten or typed.

2. First sheet should only contain title of the project, team registration number, names of the team members and their respective institutes.

3. Typed abstract should not exceed three A4 sheets of text with a font size of 12 excluding the first sheet containing the title.

4. Handwritten abstracts should not exceed 1200 words.

5. Diagrams may be attached in additional sheets.

6. Participants should try to answer the 5th point of the abstract as it might help them win some special category prizes.

7. It is recommended that vital aspects of the project that require special focus are mentioned as points.

Resources

We would provide computers and other bulky equipments like signal generators, oscilloscope etc if and only if required. Participants are required to bring stuff like adapters, batteries, extension cords etc by themselves. It would also be convenient if teams carry their CPU (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**.