

PLANET EARTH

Welcome to India, it's a lovely place. A country with a 1000 million, the population isn't sparse. One of the most serious issues concerning the common man in the rural areas is the mode of transport. It not only has to be low on investment but the cost on maintenance also needs to be just about zero. Plus, come rain or shine, the mode of transport has to go on ... a long distance.

A cycle is a very convenient, cheap and effective solution to this issue. It goes a long way in helping the common man shuttle between his home, workplace and other nodes. It's an all-terrain, all-road transportation means with no fuel requirements. It also comes as a zero pollution and low maintenance alternative.

However, it lacks on the comfort and ergonomics front. Basically, it does not protect the rider from the scorching sun, the chilly wind or the thunderous rain.

Total Cash Prize of Rs. **20,000** to be won.

PROBLEM STATEMENT

Design and construct accessories for a cycle to make cycle ride more comfortable and equip the rider to face various exigencies during his trip.

RULES AND JUDGING CRITERIA

1. The accessories must be optimized for cost and performance.
2. Judging criteria:
 - Innovation
 - Design effectiveness
 - Suitability, viability and marketability
 - Adaptability of the accessories on different models of the cycle
3. The models of bicycle which shall be available for demonstration of accessories are:
 - Hero Jet standard cycle
 - Hercules MTB
 - BSA Ladybird
 - BSA Mach racing cycle

GENERAL RULES

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

2. Apart from students, participation from professionals and NGO's is highly encouraged. Participants can register here for the competition.
3. Number of members per team should not exceed three.
4. 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.
5. Pre-event abstracts need to be submitted for the competition for the screening round highlighting the salient features and the description of the operating mechanism of the accessories.
6. The abstract should be mailed to abstract@techfest.org with the subject 'Planet Earth abstract Reg. No. -----' or posted to us at our postal address. **Do not forget to mention the registration number.**
7. Last date for receiving the abstracts is **10th January, 2004**.
8. In case the participants fail to submit the abstracts by the last date, their registration shall stand cancelled.
9. Only the participants who qualify after the screening round based on judging of the abstracts shall be invited to Techfest 2004 for the competition.
10. A detailed report highlighting the design aspects of the solution, cost analysis and worthy features need to be brought and submitted to the competition coordinator at the time of the competition.
11. Selected entries will be displayed in an exhibition at Techfest.
12. Judges' decision shall be treated as final and binding on all.

IN CASE OF QUERIES, CONTACT::

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