

Indian Science & Engineering Fair (INSEF) **HAND BOOK**

Submission Deadline: January 14, 2012

<http://sciencesociety.in/insef>

Science Society of India is inviting project submission from students of class 9th to 12th for their Online Fair INSEF. This fair is being supported by experienced individuals, scientists with strong background of organizing & judging similar fair.

Maximum of three projects will be selected for ISWEEEP Olympiad consideration. For information on ISWEEEP visit <http://isweeep.org>

Eligibility:

The students who satisfy all the criteria below are eligible for submitting project to INSEF

1. Students from standard 9 to 12th while submitting the project*
2. Under the age of 21 years as on April 1st of the submission year
3. Must be an Indian citizen

* Students who are studying Diploma course after 10th grade are also eligible

Project Team Composition:

A project may be done by one individual student or a Team consisting of maximum two students.

Subject Category:

Projects from following subject category are allowed to be submitted

1. Energy
2. Engineering
3. Environment

Note that this year we have aligned the category with ISWEEEP Olympiad categories

Project Qualification:

Your project must be the original work done by you. It should be supported by data collected from experimentation. Engineering projects should have a working prototype. Science essays, mere idea or a thermocol based model explaining certain behaviour do not qualify for INSEF.

Project Submission:

1. All the entries must be submitted online at <http://sciencesociety.in/insef>
The system will give appropriate acknowledgment for the submission made.
2. It is suggested that you already have the answers to all the questions typed in a notepad like editor. Once you are ready, paste all the answers appropriately and make your submission.
3. You are free to submit multiple entries – each submission will be treated separately. It is suggested that you do not submit more than two entries.
4. All the projects must fill the Form-1: Risk Assessment Form (shown below)
5. At appropriate deadlines, students are expected to visit the website and look at next steps. Where ever possible, an email will be sent to the primary participant.

Project Selection Process:

1. After the deadline, your project will be evaluated by a core group of individuals consisting of scientists, engineers and industry professionals.
2. By January end, projects selected for ISWEEEP will be posted in the science society website.
3. This year it is completely an online fair so no exhibit venue will be arranged. Judges may call the participants for any additional information.

Judging Criteria:

Judging will be done using the following broad criteria:

1. Novelty – 10 points
2. Scientific thought / Engineering goals - 10
3. Scientific Method / Engineering Design – 10 points
4. Data Management - 10
5. Applications - 10

Selection to International ISWEEEP Project Olympiad

1. A maximum of three projects will be selected for direct consideration to I-SWEEEP (International Sustainable World -Engineering, Energy & Environment) .
2. SSI holds the final decision on the projects to be sent to I-SWEEEP Project Olympiad.
3. It must be noted that ISWEEEP has a theme of “Sustainable World” and judges will use their discretion for suitable fit for I-SWEEEP.
4. I-SWEEEP will bear stay cost at the US.
5. Unless SSI gets a complete international travel sponsorship, cost of visa & travel will have to be paid by the participant(s) themselves.
6. SSI will appoint an adult supervisor to accompany and lead the team.
7. SSI will book the group ticket. Participants are expected to pay for their travel tickets, prior to booking.
8. Any partial finance / grant received will be first used to pay the travel cost of the adult supervisor in its entirety.
9. Upon acceptance to ISWEEEP students are also encouraged to find their own sponsorship sources.
10. Guides / Parents will not be allowed to accompany the students.
11. SSI holds the final discretion and reserve rights to change any decision on the above matter.

FORM-1: RISK ASSESSMENT FORM

(To be submitted by project guide of the participant prior to start of the project)
Students to bring this filled form with during the fair

I hereby certify that the project titled

: _____

performed by students _____

(Tick One)

1. Does not pose any risk to the students or during Fair Display
2. Has the following risks (use additional sheets, if needed)

And the Risks identified has been mitigated by taking following actions:

Name of the Project Guide:

Contact Phone:

Signature

ONLINE-FORM QUESTIONNAIRE

The students are expected to fill the following questions online:

1. Student details, Project title & subject category
2. Abstract text (250 words maximum)
3. What is the novelty of your project
4. What is the work done so far
5. For multi-year project, list the work performed this year
6. List the labs used (if any)
7. References

The above information is give jus for your information. To submit your entry you will need to go to <http://sciencesociety.in/insef> and enter the details for your project.

For any questions email to insef@sciencesociety.in

(Only online entries are accepted – do not send any printed copies/sheets)