

Shaikat Khanum National Science and Engineering Fairs 2018 affiliated with Intel ISEF

REGISTRATION PRO FORMA

Name of School / College _____ City: _____

Name of Principal of School / College _____

Phone Office _____ Ph: Ext No. _____ Mobile No. _____

School Address _____

School Phone _____ Ph: Ext No. _____

Type / Level of School: High Higher Secondary O Level A Level

School Location: Urban Rural Gender: Male Female

Details of Participating Team / Individual

Particulars Participant 1

Name of Student: _____

Class / Grade: ____ Contact No. _____

Email: _____

Home Address: _____

Particulars of Participant 2

Name of Student: _____

Class / Grade: ____ Contact No. _____

Email: _____

Home Address: _____

Details of Science Teacher (Supervisor of Participant/s)

Name of the Teacher _____

Subject Specialty _____ Qualification _____

Teacher Contact No. _____ Teacher Email: _____

Teacher Home Address _____

Category of the Research Project (Tick one of the following eight categories in which the individual / team will work)

1) Chemistry 2) Transational Medical Science 3) Systems Software

4) Physics: Energy 5) Engineering Mechanics 6) Embedded Systems

Research Project Title

Certificate from Principal / Head of School / College

This is certified that above-mentioned information is correct to the best of my knowledge.

Sign & Stamp

Shaukat Khanum National Science and Engineering Fair 2018

Participation Guidelines

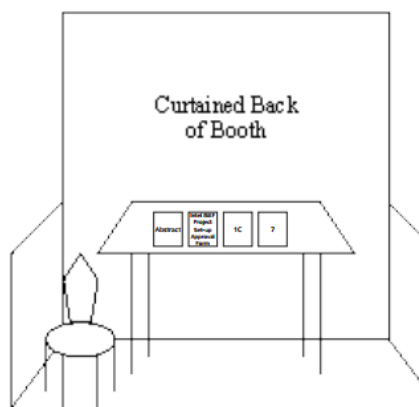


Participation Process:

- Registration forms along with Science Fair guidelines are given / sent to institutions.
- Once registration form is received, fill in the details and send it to regional office with school seal and principal' signature to the science fair coordinator. You will only be registered when the Registration Form with project information is received by the Fair' Regional office.
- It is recommended to register online at <https://an-e-tech.com/main/registration/> for early processing.
- Participants are required to register at least two months before the fair.
- Participating student or team must submit an abstract (synopsis) which summarizes the research work done by student (s) to ISEF Coordinator, along with the Registration Form.
- The abstract should clearly explain the purpose and methodology of the proposed research. Originality is must plagiarism is strictly checked and not allowed.
- The participant will be contacted by the relevant regional coordinator via email to inform whether the submitted project abstract has been accepted / approved or not by the committee of subject specialists.
- Repetition of previous year' project is not allowed and such projects will be disqualified.
- Qualifying projects for the next stage can again be scrutinized by the National Scientific Review Committee at any stage.
- Each student may enter only one project covering research done during a maximum of 12 continuous months not more than that.
- Students of 8th to 12th Grade can participate individually or as a team, a team can comprise of 2 members. 12 grade students will only be allowed if the parent submits a ten rupee stamp undertaking along with his CNIC copy at the time of registration agreeing that the student in year 12 may have to forfeit sitting in F.Sc / F.A final board exams, if selected for International ISEF 2019.
- Only qualifying projects / students will be eligible to proceed to the next round.
- All students participating in the fair must adhere to rules as set forth in Science Fair Guidelines.
- On the day of the fair students should bring abstract, project data book and research paper for Scientific Review Committee and the Evaluation Committee, marks are allocated for each section.
- On the day of the fair students should bring a project display as per guidelines given below.

Maximum Size of Project Depth (front to back): 30 inches or 76 centimeters

Width (side to side): 48 inches or 122 centimeters - Height (floor to top): 108 inches or 274 centimeters



Please be aware when ordering posters that the mechanism that supports the poster should conform to the maximum size limitations stated above.

1. All project materials and support mechanisms must fit within the project dimensions.
2. Nothing can be attached to the rear curtain for display.
3. The fair-provided tables will not exceed a height of 36 inches.
4. If a table is used it becomes part of the project and must not exceed the allowed dimensions.
5. All demonstrations must be done within the confines of the finalist booth, when not being demonstrated.



What Is an Abstract?

- ❖ A brief, written explanation of the research project, giving to the point description of the project's purpose, the procedures followed, the data collected, and the conclusions reached.
- ❖ A clear and simple summary statement of the main points of the experiment.
- ❖ A self-contained description that must make sense all by itself.

Purpose of project / experiment

In a sentence of minimum 10 words or more, explain the reason for your research project or why you have selected to test a hypothesis.

- An introductory statement of the reason for investigating the topic of the project.
- A statement of the problem or hypothesis being studied.

Methods of research

Explain how you plan to research your topic. Summarize procedures, emphasizing the key points or steps:

- What methods will you use, explain with summarization of key steps?
- What resources will be needed?
- An abstract should only include procedures done by the student. Work done by a mentor (teacher) or work done prior to student involvement must not be included.

Data / Observations

Explain what data you will need to collect and how you will analyze it to obtain your results. Include:

- What data will you collect? How will you analyze your data?
- What results do you expect?
- Discuss the anticipated results and provide an understanding / explanation for them.

Conclusions / Applications

State the conclusions or applications you hope to obtain from your anticipated results. What is the impact of your work e.g. how does it benefit the environment / society? Link the conclusions to the initial aims and purpose of your project.