

DAV PUBLIC SCHOOL, THANE 2023-2024

Secondary Section

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Subject: INSPIRE awards- MANAK scheme

This is to inform the students of Std VI to Std X about Inspire Awards-Manak Scheme. The enrolment for INSPIRE awards- MANAK scheme - Innovation in Science Pursuit for Inspired Research (INSPIRE) 2023 –2024 will be open to all the students studying in class 6 to 10 in the age group of 10-15 years.

About Us

'Innovation in Science Pursuit for Inspired Research' (INSPIRE) scheme is one of the flagship programmes of Department of Science & Technology (DST), Government of India. The INSPIRE Awards - MANAK (Million Minds Augmenting National Aspirations and Knowledge), being executed by DST with National Innovation Foundation – India (NIF), an autonomous body of DST, aims to motivate students in studying in classes 6 to 10.

Objective

The objective of the scheme is to target one million original ideas/innovations rooted in science and societal applications to foster a culture of creativity and innovative thinking among school children. Under this scheme, schools can nominate 5 best original ideas/innovations of students through the website.

How this scheme operates?

- 1. Awareness and capacity building of District, State and School level functionaries across the country through regional workshops, audio-visual tools and literature.**
- 2. Organisation of District Level Exhibition and Project Competition (DLEPC) by District/State authorities and short listing of 10,000 best ideas/innovations for State Level Exhibition and Project Competitions (SLEPC).**
- 3. Organisation of State Level Exhibition & Project Competition (SLEPC) for further shortlisting of top 1,000 ideas/innovations for the National Level Exhibition and Project Competition (NLEPC). At this stage, NIF will provide mentoring support to students for development of prototypes, in coordination with reputed academic and technology institutions of the country.**
- 4. Showcasing 1,000 best ideas/innovations at the National Level Exhibition & Project Competition (NLEPC) and short listing of top 60 innovations for national awards and future direction.**
- 5. Consideration of top 60 ideas/innovations by NIF for product/process development and their linkage with other schemes of NIF/DST and their display at the Annual Festival of Innovation & Entrepreneurship (FINE).**

Basis of selection

1. Organising internal idea competitions in schools and nominations of two to three best original ideas, in any Indian language, by the respective Principal/Headmaster online through E-MIAS (E-Management of INSPIRE Awards MANAK Scheme) portal.

2. Selection of ideas/innovations will be based on novelty, social applicability, environment friendliness, user friendliness and comparative advantage over the existing similar technologies.

To organize idea competitions, you may assemble them in a group and ask them to think about any or all of the following:

An idea of a machine or a gadget, **which is not available but the student desires** to have such a machine or a gadget.

An idea of **improvement in any existing/available machine or gadget**, so that it becomes multifunctional, efficient, reduces drudgery etc.

Any idea or an innovation that can **solve a local technological problem**, which a student may be seeing everyday around her/him

Short-listing of Ideas/Innovations

Cost effectiveness

Does the project reduces cost of an operation time without any accuracy loss, health/ financial or environment concern.

Scope of diffusion

Social or Commercial - Whether the project can be put to practical use? scale may be large or small, does not matter.

User friendliness

Is the project user friendly or not? what will the use of a great idea, if it cannot be used by people intended for/ or implemented

Relevance in Current Govt. Schemes

Does the project align to any of the current Govt. schemes like Swatch Bharat, Start-up India, Digital India, etc.

What kind of submissions will not be encouraged?

(Examples include but are not limited to the following)

- Common ideas/concepts textbooks/others
- Hydel power projects
- Rain water harvesting
- Water level indicator
- alarms, burglar alarms etc.
- Using Electricity/energy genVermi compost/vermin wash
- Letter box farm, earthquake eration through turbines/waste batteries/dung/transport/wave etc.
- Turbines to generate energy

Note: Each student can bring

For more information visit site: www.inspireawards-

Regards
D.A.V Thane