



INSPIRING
INNOVATORS
OF TOMORROW



inspire - manak

million minds augmenting national aspiration and knowledge



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY



राष्ट्रीय नवप्रवर्तन प्रतिष्ठान - भारत
विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार का स्वायत्तशासी संस्थान
National Innovation Foundation - India
Autonomous Institute of the Department of Science and Technology, Govt. of India

Impact at a Glance

Students from all 36 States and Union Territories have participated.

36
States/UT's

720+
Districts

720+ Districts across India are covered.

More than 6 Lakh Schools are registered.

6
Lakh+

68
Lakh+

Over 68 Lakh Students have participated.

17 Lakh+ Students received grants to develop prototypes.

17 Lakh+
Grants

2200+
Students

2,200+ Students have been provided expert mentoring support.

Over 600 students recognized at National Level

600+
Recognition

254+
Patents
Filed

254+ Patents filed on the name of students.

32 Patents granted, showcasing groundbreaking innovation.

32
Patents
Granted

200+
Students

Over 200 Students have participated in prestigious international platforms.

INSPIRE-MANAK

INSPIRING INNOVATORS OF TOMORROW

The **INSPIRE – MANAK (Million Minds Augmenting National Aspiration and Knowledge)** is one of the flagship scheme of Department of Science and Technology (DST), Govt. of India for nurturing the ideas and innovations of school students and motivate them to pursue Science and a career in Research, jointly implemented by DST and the National Innovation Foundation (NIF) – India, an autonomous institute of DST.

It is an initiative to foster a culture of innovation and creative thinking amongst school students to address the societal need through Science and Technology by targeting one million original ideas/innovations rooted in science and societal applications. This is aligned with the Action Plan of “Start-up India” initiative launched by the Hon’ble Prime Minister of India.

The **core objective of the programme** is to attract talent at early age and have them exposed to excitement of creative pursuit of science and help towards building a critical human resource pool for strengthening and expanding the science and technology system and increase the research and development base.

Under the scheme, from all recognized schools (government or private, aided or unaided), amongst the students studying in class 6 to 12, a million ideas are aimed to be scouted annually and a lakh to be identified for monetary support and selection at the district level. To ascertain their value proposition and so as to mentor students at each stage, a series of District Level Exhibition and Project Competition (DLEPC) for each District in the country, followed by a series of State Level Exhibition and Project Competition (SLEPC) for each State / UT are organized.

The **students get an opportunity** to present their innovations, articulate the merit of their ideas and thoughts, build confidence, gain knowledge of Science and Technology like never before and finally, selected students after their mentoring in SLEPC, are invited annually to participate in the NLEPC (National Level Exhibition and Project Competition). As an outcome of NLEPC, upto 60 innovative ideas and innovations are identified, recognized and rewarded which witness a complete incubation support so that their entrepreneurship journey could begin. These are further incubated by NIF.



Who Can Participate?

- 1 Individual students (not groups) from Class 6 to 12 (Class 11-12 only science stream).
- 2 Students from all recognized schools across India – government, private, aided, or unaided, affiliated with any National or State Education Board.
- 3 Ideas can be submitted in any of the 22 languages listed in the 8th Schedule of the Indian Constitution.



What Kind of Ideas are Invited?

Original and creative technological ideas/innovations that address everyday problems. These could be issues faced in households, by farmers, porters, laborers, or within society at large. Students are encouraged to observe their surroundings, identify common problems, and independently devise solutions.

What is an innovation?

Innovation can simply be described as a new idea, device, which is useful and scalable to appropriate levels.



What Kind of Submissions are NOT Encouraged?

To promote genuine original thinking, submissions from textbooks, “Do-It-Yourself” books/websites, or other student competitions are not accepted. Projects that simply demonstrate basic Physics, Chemistry, Biology, or Mathematics concepts/theories are also discouraged.

Teachers and parents should encourage children to develop their own creative ideas. While they can propose a problem or assist in prototyping an idea, the core idea must originate from the student. Teachers are also advised to check the

web link (<https://inspireawards-dst.gov.in/download/list-of-common-ideas.pdf>) to see ideas that are already part of MANAK database and should not be repeated. This helps to ensure the originality of ideas/innovations.



How to Submit an Idea/Innovation?

- 1. School-Level Idea Competition:** The Principal/Headmaster of the school will invite students from the designated classes to submit ideas in the form of a synopsis. Schools can organize an internal “Idea Competition” for this purpose.
- 2. School Nomination:** The Principal/Headmaster will then nominate the 5 best innovative ideas from their school online through the INSPIRE-MANAK portal (www.inspireawards-dst.gov.in). New schools can also register on this portal.

What is an Idea Competition?

An “Idea Competition” can be organized by schools to stimulate student creativity. Students are encouraged to think of ideas/innovations related to:

- A new machine or gadget that isn't currently available but would be desirable.
- Improvements needed in existing machines or gadgets to make them multi-functional, improve efficiency/output, or reduce drudgery.
- Solutions to local technological problems that students observe in their daily lives.

Students should document their ideas and submit them to the Principal/Headmaster/Teacher for review and nominating for the **INSPIRE – MANAK scheme**.



What to Consider During Selection of Ideas/Innovations?

While selecting ideas at the school level, Principals and jury members should consider:

- Degree of novelty of the idea
- Social applicability and potential impact
- Environmental implications
- Scope for diffusion through commercial and/or non-commercial channels
- Relevance to existing government schemes



Contest Period

For information regarding the nomination period and other updates, please visit the official INSPIRE MANAK website.



This scheme is being implemented with the following steps:

Awareness and capacity building of District and State level functionaries across the country through regional workshops and audio-visual tools and literature.

Organizing internal competitions in schools and nomination of five best original ideas, in any Indian language, by respective the Principal/ Headmaster online through INSPIRE - MANAK portal (www.inspireawards-dst.gov.in).

The new schools may also register themselves on the INSPIRE - MANAK portal.

Forwarding of nominations by District/State authorities to Department of Science and Technology through INSPIRE - MANAK portal.

Shortlisting of top 1,00,000 ideas, with potential to address societal needs through Science & Technology, by NIF. Disbursement of INR 10,000 into bank accounts of students under Direct Benefit Transfer scheme.

Organizing District Level Exhibition and Project Competition (DLEPC) by District/State authorities and shortlisting of 10,000 best ideas/innovations for State Level Exhibition and Project Competitions (SLEPC).

Organizing State Level Exhibition & Project Competition (SLEPC) for further shortlisting of top 1,000 ideas/innovations. At this stage, NIF provides mentoring support to students for the development of prototypes, in coordination with the reputed academic and technology institutions of the country.

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

Showcasing 1,000 best ideas/innovations at National Level Exhibition & Project Competition (NLEPC) and shortlisting of top 60 ideas/innovations for national recognition and future direction.

Consideration of top 60 ideas/innovations by NIF for product development and their linkage with other schemes of DST/NIF and display of top innovations at the Annual Festival of Innovation and Entrepreneurship (FINE).

11वीं राष्ट्र स्तरीय प्रदर्शनी एवं प्रोजेक्ट प्रतियोगिता सम्मान समारोह

डॉ. जितेन्द्र सिंह
माननीय केन्द्रीय राज्य मंत्री (स्वतंत्र प्रभार)
विज्ञान एवं प्रौद्योगिकी मंत्रालय
के द्वारा

11th National Level Exhibition and Project Competition Felicitation Ceremony

by
Dr. Jitendra Singh
Hon'ble Union Minister of State (Independent Charge)
Ministry of Science & Technology

19 सितम्बर 2024 - प्लेनरी हॉल, विज्ञान भवन, नई दिल्ली

19th September 2024 - Plenary Hall, Vigyan Bhawan, New Delhi



www.inspireawards-dst.gov.in



INSPIRE -MANAK

Department of Science and Technology,
Ministry of Science and Technology, Govt. of India
Technology Bhavan, New Mehrauli Road, New Delhi - 110016
Email: inspire.awards@nic.in

National Innovation Foundation-India

Autonomous Institute of Department of Science and Technology, Govt. of India
A-50, Paramahansa Yogananda Road, Institutional Area,
Sector 62, Noida, Uttar Pradesh - 201309
HQ: Grambharti, Amrapur, Gandhinagar-Mahudi Road, Gandhinagar, Gujarat- 382650
Email: inspire@nifindia.org | Contact: 0120-2400083, 09638418605