

No. DE. 40(6)/DDE/SCB/INSPIRE/2015/1391

Dated: 02/11/2015

CIRCULAR

The Joint Secretary to the Government of India, Ministry of Science & Technology, Department of Science & Technology has sent a letter No. 12011/61/2013-INSPIRE dated 21.09.2015 (copy enclosed) regarding Innovation in Science Pursuit Inspired Research (INSPIRE) to attract talented students in the age group of 10-32 years to study science and pursue career in research. Under the "INSPIRE Award" component of the scheme, during the five year plan period, two students are selected from each school of the country, which has any of the classes from 6th to 10th standard, for an INSPIRE Award of Rs. 5000/- each for preparing a science project/model. These awardees then participate in a 3- tier competition at district, State and National level. The main contents of the letter are as under:-

Phase-I The participants of INSPIRE Award would be required to put forward their creative ideas/concepts/innovations on specific themes having relevance to local science and technology needs and national priorities.

Some of the illustrative themes for preparation of Exhibits/Models could be as under:-

Board Theme	Sub Theme (Illustrative Examples)
Make in India	<ul style="list-style-type: none">• New Tool and techniques for manufacturing• New Technologies• New Materials.
Swachch Bharat	<ul style="list-style-type: none">• Waste Management/Municipal solid waste disposal, recycling etc.• Hospital Waste Disposal• Industrial Waste Disposal• Clean Energy• Reduction of Pollution• Cleaning of Water Bodies, Rivers etc.• Green Toilet• Rural Sanitation
Swasth Bharat	<ul style="list-style-type: none">• Preventive Healthcare (Hygiene and Sanitation)• Traditional and alternative medicines• Lifestyle Management• Awareness Creation
Digital India	<ul style="list-style-type: none">• Digital Solutions for Education, Healthcare, Governance, Smart Cities and Smart Villages etc.

The participants may be asked to work on the concepts which are related to one of these themes. The concept should suggest ways and means to provide solution to one of these national priorities with specific reference to local needs. The concept note of 2-3 pages including sketches, diagrams, etc. may be submitted by the participants. A rudimentary model may also be submitted to buttress the concept.

Every effort should be made to rule out tendency of procuring ready-made Exhibits/Models by the participants. During evaluation process; emphasis should be given to creativity of the concept rather than the physical model. General layout of Model, its relevance, clarity of charts accompanying the Exhibit/Model and overall alignment to theme, be assessed.

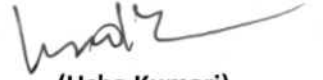
Phase-II The ideas/concepts selected in the first phase may be followed-up by asking the students to further fine tune the concept and demonstrate it in a working model.

All District DDEs and District Nodal Officer (DNO), INSPIRE are requested to go through the original letter of the DST before furnishing the information to this office.

This may be treated as most urgent and time bond.

In case of any clarifications, please contact DST call centre on 011-26590500, E-mail: inspire.awards@nic.in.

Enclosed: letter No. 12011/61/2013-INSPIRE dated 21.09.2015



(Usha Kumari)

Addl. Director of Education (Sc. & TV)

To

All HOSs of Govt. /Govt. Aided /Unaided Recognized Schools.

No. DE.40 (6)/DDE/SCB/INSPIRE/2015/1391

Dated: 02/11/2015

Copy to:

1. P.S. to Pr. Secretary (Education), GNCT of Delhi
2. P.S. to Director of Education, GNCT of Delhi
3. All RDEs, Dte. Of Edn., GNCT of Delhi
4. All DDEs, EOs & DEOs (District), Dte. of Edn., GNCT of Delhi
5. All District Nodal Officers (INSPIRE AWARD SCHEME)
6. O.S. (IT) With the request to upload the circular on **Deptt. Web Site with public circular as pop-up.**



(Ashutosh Ghosh)

Dy. Director of Education (Sc. & TV)



सत्यमेव जयते

Telegram : Sciencetech
दूरभाष/Tel : 26962819, 26567373,
26562134, 26562122 (EPBAX)
फैक्स/Fax : 26569908, 26864570,
26863847, 26862418
वेबसाइट/website : www.dst.gov.in

भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय,
विज्ञान और प्रौद्योगिकी विभाग,
टेक्नोलॉजी भवन, नया महरौली मार्ग,
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GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
TECHNOLOGY BHAVAN, NEW MEHRAULI
NEW DELHI-110 016

No. 12011/61/2013-INSPIRE

To

Education Secretaries (All States/UTs)

21st September 2015

Subject: INSPIRE Award Scheme – Implementation of changes- reg.

Sir/ Madam

As you are aware, the Department of Science & Technology has been successfully implementing a scheme named **Innovation in Science Pursuit for Inspired Research (INSPIRE)** to attract talented students in the age group of 10-32 years to study science and pursue career in research. Under the "INSPIRE Award" component of the scheme, during the five year plan period, two students are selected from each school of the country, which has any of the classes from 6th to 10th standard, for an INSPIRE Award of Rs. 5000/- each for preparing a science project/model. These awardees then participate in a 3-tier competition at District, State and National level.

2. The scheme has now completed five years of successful operation. However, there is a growing perception that participants/awardees at District/State Level Exhibition & Project Competitions are being judged on the quality/finesse of the models prepared by them and there is no criterion for judging/evaluating the actual potential/creativity of the child, as the selection is based more on the physical model.

3. A need has, therefore, been felt in the Department to reorient INSPIRE Award programme in order to align it with the national agenda of the Government. The objective is to encourage children to visualize/analyze needs of the nation; develop critical thinking about national issues and problems pertaining to everyday life, as well as, create awareness and inspire them to devise innovative ideas to address them.

It is also desirable that the INSPIRE Award programme does not end with presentation of awards but, follow-up activities on some selected concepts/ideas are also undertaken in order to explore the potential for bringing out some of the products/services out of the creativity of participating children.

4. The following changes are, thus, being incorporated in the INSPIRE Award programme. These changes may be implemented from next year onwards, as most of the States/UTs have already completed their District and State Level Exhibitions and Project Competitions for the current year 2015.

Phase-I The participants of INSPIRE Award would be required to put forward their creative ideas/concepts/innovations on specific themes having relevance to local science and technology needs and national priorities.

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1137 (sc)
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28/9/15

Sh. Anil Singh
28/9/15

Advt (Science)
DDR (sc)
25/10/15

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Some of the illustrative themes for preparation of Exhibits/Models could be as under:
The themes would be common to all the States/UTs.

Broad Theme	Sub Themes (Illustrative Examples)
Make In India	<ul style="list-style-type: none">• New tool and techniques for manufacturing• New Technologies• New materials.
Swachh Bharat	<ul style="list-style-type: none">• Waste management/Municipal solid waste disposal, recycling etc.• Hospital waste disposal• Industrial waste disposal• Clean Energy• Reduction of Pollution• Cleaning of water bodies, rivers etc.• Green toilet• Rural sanitation
Swasth Bharat	<ul style="list-style-type: none">• Preventive healthcare (hygiene and sanitation)• Traditional and alternative medicines• Lifestyle management• Awareness creation
Digital India	<ul style="list-style-type: none">• Digital solutions for Education, Healthcare, governance, smart cities and smart villages etc.

Note: The themes are only suggestive and States/UTs are free to devise their own themes after assessing their local and regional needs as well as aligning the same with other such issues of national importance.

5. The participants may be asked to work on the concepts which are related to one of these themes. The concept should suggest ways and means to provide solution to one of these national priorities with specific reference to local needs. The concept note of 2-3 pages including sketches, diagrams, etc. may be submitted by the participants. A rudimentary model may also be submitted to buttress the concept.

Every effort should be made to rule out tendency of procuring ready-made Exhibits/Models by the participants. During evaluation process, **emphasis should be given to creativity of the concept rather than the physical model.** General layout of Model, its relevance, clarity of charts accompanying the Exhibit/Model and overall alignment to theme, should be assessed.

Phase-II The ideas/concepts selected in the first phase may be followed-up by asking the students to further fine tune the concept and demonstrate it in a working model.

Phase III The National Innovation Foundation, Ahmadabad may be roped in to look at the best concepts displayed at the National level, for further validation and possibility of conversion of these selected concepts to products/services.

6. It is requested that suitable instructions may be issued to the concerned State Nodal Officers/District Nodal Officers and implementing agencies in the matter.

Yours faithfully


(Anita Chauhan)

Joint Secretary to the Government of India

Copy to: All the State Nodal Officers in charge of INSPIRE Award Scheme