

Guidelines for Organizing Science Camps under INSPIRE Internship, a component of INSPIRE Programme

One of the components of "Scheme for Early Attraction of Talent for Science (SEATS)" is INSPIRE Internship in which annually about 50,000 students of top 1% performers in Class X board examinations and pursuing science at higher Secondary level are being given an exposure with leaders in science in the Summer/Winter camps to experience the joy of innovations. These Science Camps essentially nourish the curiosity of children in science; help them to think out of the box and attract the students at an early age of 16-17 years (i.e. in XI standard) to enroll in science subjects.

Selection Criteria: Selections will be made among the top one percent rankers in their X Board Examination and pursuing science in standard XI

Duration of Science Camp: 5 days (excluding the days of journey)

Nature of Science Camp: Preferable Residential

Applicants Eligibility Criteria:

- a. top one percent ranking in the X Board Examination for all Boards in the country,
- b. pursuing science in standard XI,
- c. not attended a similar Science Camp elsewhere earlier, and
- d. Participating students shall be within the same State or UT.

Note: In case the number of top 1% students of a respective examination board is more than the allocated number of INSPIRE interns, for participation in such Camps, of the respective state/UT, top rankers will be selected for INSPIRE Internship Science Camp as per the cut-off percentage listed for various Boards class X examination at Table 1, provided they had applied for the same.

Eligibility Criteria for Science Camp Organizers:

- a. University, College or Academic/ Research Institute should have the required infrastructure of related science laboratories for holding INSPIRE Internship Science Camp,
- b. Availability of auditorium with well equipped Sound Systems and LCD Projectors,
- c. Availability of Guest House, Hostel for Girls and Hostel for boys, with holding capacities, and
- d. University, College or Academic / Research Institute shall owe the administrative and financial responsibility for the organization of INSPIRE INTERNSHIP Camp.

Role of the Science Camp Organizers:

The Local Organizer Shall advertise/ announce the event in the local Media or approach School Principal/ Headmaster/ Headmistress to fill up the Registration Form of INSPIRE Internship 2012 (available in the Website) by the Class XI standard science students. On the availability of filled-in Registration Form, selection may be done by the Local Organization as per the top 1% data given in the Table 1. An invitation may be extended to the selected students for attending/

joining the Science Camp from the neighborhood schools, preferably within the radius of 100 KM. For identifying the Mentors for Camps, an illustrative List of more than 2000 Mentors suggested by INSPIRE-Academy Panel is available at the Website: www.inspire-dst.gov.in. Coordinator needs to identify suitable Mentors, preferably from the same region for this activity and invite them accordingly.

The size of the camp may be decided by the organizing institute depending upon their infrastructural facility. However, a minimum size of one such camp could be 150 students with proportionate number of mentors. The Organizer shall display visibly, the 'INSPIRE' banner etc. in the event including the 'INSPIRE LOGO'.

Mentors and their Role:

Mentors for INSPIRE Internship would be various Academy Fellows, Bhatnagar Awardees, Scientists and academicians of national and international repute. Mentors role would be to interact with the students through lectures related to scientific success stories and joys of innovation across all science streams which in turn would nourish the curiosity of children in science, help them to think out of box and attract them at an early age of 16-17 years to enroll/pursue their academics/career in science. This will be followed by personal interaction in an exclusive set up at camp.

Submission of the Proposal:

Any Public or Private funded University or College or Academic/ Research Institute fulfilling the above eligibility criteria and willing to organize such Science Camp, can develop the proposal as per the Format (at Annexure) and shall submit the proposal to the **INSPIRE Program Division, Department of Science & Technology, Technology Bhavan, New Mehrauli Road, New Delhi - 110016** three months in advance for consideration of financial support. The Proposal shall be forwarded through the Administrative Head of the Organizing Institute and the Organizer shall also be the **regular employee** of the respective University or College or Academic / Research Institute.

However, for Private Academic/ Research Institute/ University/ College should submit the following documents in addition to the Proposal in the prescribed Format:

- a. Brochure of the University/ College/ Academic Institute,
- b. Registration/ affiliation certificate of University in case of affiliated College as Organizer,
- c. Last three years audited statement of Expenditure of University/ College/ Academic Institute,

Note:

- i) **Incomplete Proposal shall not be considered for support,**
- ii) **Proposal submitted in Hard Form shall only be considered, however as a advance information one may submit in Soft form,**
- iii) **Any modification in the Mentor lists should be got approved by the DST at least one week prior to the commencement of the Internship Camp.**

Financial support for the program:

For the summer/winter camp of 5 days (excluding the Journey days), Rs. 6500/- (as an upper most ceiling per student) will be provided to the coordinating Institute/Department/agency to meet the summer/winter camp cost. This cost includes Traveling Cost (as per entitlement & actual), Boarding & Lodging, Stationary including Books & small experimental gadgets etc., Honorarium to the Mentors, organizational expenses for the Students and Indian Mentors invited for the respective science camp. **Honorarium to the Mentors should be paid @ Rs 3000 per contributing day, with an upper limit of Rs 6000/- per Mentor in entire Camp duration.** For inviting a Noble Laureate in such Camp as an International Mentor, INSPIRE has also a provision of providing support with the maximum of Rs 10 lakh (all inclusive) per Noble Laureate. Every year total 50 nos. such Noble Laureates can be invited for the INSPIRE Internship Camps.

The grant for organizing the Science Camp shall be released only two months prior to date of organizing the Science Camp.

Submission of Report:

Science Camp Organizer shall be required to submit the Report of each Camp organized, along with following documents, within two months of organizing the Camp.

- a. A certificate from the Head of Institute declaring the nature of the Camp organized i.e. Residential,
- b. Student's attendance certificate for each day of the Camp,
- c. Feedback forms duly filled in by the participating students including a photograph of the student, cut off marks, courses pursued in the XI standard and a declaration that he/she has not attended a similar camp earlier
- d. Mentor's feedback on the Science Camp,
- e. Course Coordinators Feedback on the camp,
- f. Soft copy/videography of the five days program,
- g. List of students with cut off marks and signature of the students (in Soft as well as Hard copy),
- h. List of Mentors along with the scheduled as followed by the organizers along with the title of the talks/interaction carried each day by the Mentors.
- i. Details of Practical Session (both in Hard as well as Soft copy).
- j. Utilization Certificate and Statement of Expenditure (in DST format) for settlement of accounts.
- k. Unspent balance, if any, should be returned in the form of a Demand Draft in favor of '**DST-INSPIRE Programme A/C No. 30691590316**', payable at New Delhi.

Organizers may avoid submitting information or Report in parts. Report shall be made available to DST-INSPIRE prior to organizing next Camp for final settlement of accounts.

Table - 1

State & Central Boards Top 1% Percentage Cut-off Marks in class X – Eligible to participate in the INSPIRE Internship Camps.

Sr. No.	Name of Board	Top 1% Percentage Cut-off Marks
1.	Andhra Pradesh	91.8
2.	Assam	89.5
3.	Bihar	78.2
4.	Chhattisgarh	85.1
5.	Goa	87.8
6.	Gujarat	86.4
7.	Haryana	88.8
8.	Himachal Pradesh	84.5
9.	Jammu & Kashmir	87.2
10.	Jharkhand	77.4
11.	Karnataka	90.2
12.	Kerala	94.6
13.	Madhya Pradesh	84.5
14.	Maharashtra	93.2
15.	Manipur	61.6
16.	Meghalaya	77.5
17.	Mizoram	79.2
18.	Nagaland	80.8
19.	Orissa	81.3
20.	Punjab	81.3
21.	Rajasthan	83.1
22.	Tamil Nadu	94.2
23.	Tripura	74.4
24.	Uttar Pradesh	72.6
25.	Uttarakhand	75.2
26.	West Bengal	88.0
27.	CBSE	CGPA – A1
28.	ICSE	95.0
29.	Viswa-Bharathi	95.1
30.	AMU Board	86.8

Marks obtained

$$[\% - \text{Marks} = \text{-----} \times 100]$$

Maximum Possible Marks

FORMAT FOR SCIENCE CAMP PROPOSAL UNDER INSPIRE INTERNSHIP

- 1. Name of the Organization:**
(Complete address with Pin Code, Telephone, Fax and e-mail)
- 2. Organizing Coordinator:**
(Designation, Complete address with Pin Code, Telephone, Fax and e-mail)
- 3. Details on the Availability of Infrastructural Facility at Organizing Institute:**
 - i) Laboratory Infrastructure
 - ii) Auditorium Infrastructure
 - iii) Hostel and Guest House Facilities
- 4. Number of Students to be invited in the Science Camp:**
(List of students along with address needs to be submitted to DST 2 weeks prior to start of the program)
- 5. Name and addresses of Mentors/ Resource Persons:**
(Complete address with Pin Code, Telephone, Fax and e-mail of Mentors)
- 6. Broad distribution of total budget into different expenditure areas:**
(Based on number of students x Rs.6500/- per student)
- 7. Tentative Structure of Programme:**
(Day-wise programme schedule; Lectures by Mentors (Not more than 10-12 during the entire duration of the camp); Hands-on Laboratory Innovative Experiments; Visit to Science Park, Museum, Research Lab, Field demonstration etc (limited to half a day).
- 8. Bank Detail for transfer of funds as follows:**
 - a) Name and Address of the Institute:
 - b) Bank Name:
 - c) Branch Name and Code:
 - d) IFSC Code:
 - e) RTGS Number:
 - f) Account Number:
 - g) MICR Number:
 - h) Name & Telephone Number of Dy Branch Manager: