

S.G.G.S. KHALSA COLLEGE MAHILPUR DISTT. HOSHIARPUR (PUNJAB) ORGANIZE THE INSPIRE SCIENCE CAMP from 15th - 19th November 2016 by the Department of Science & Technology, Govt of India.

SCIENCE DEPARTMENTS OF SGGGS KHALSA COLLEGE MAHILPUR DISTT.HOSHIARPUR (PUNJAB) has been entrusted with the responsibility of conducting the INSPIRE SCIENCE CAMP from 15th - 19th November 2016 by the Department of Science & Technology, Govt of India. The Science Camp is held to motivate and inspire the talented student to take up Science and Research as a career. The Science Camps will be addressed by top scientists of India including global icons of Science including Nobel laureates. The students will also be exposed to hands-on experience in advanced laboratories.

For attending INSPIRE Science Camp, student need not pay any amount either to the school or to the organizer (SGGSKCM). Expenditures towards travel (to and from), accommodation, and food etc., for all students attending science camps will be taken care of by DST-INSPIRE program through SGGSKCM. The camp is totally free of cost for the student. As the host Institute, we shall take all care of the students including travel, accommodation, food, security, miscellaneous expenses, etc.

Department of Science and Technology (DST)

Department of Science and Technology which was established on 3rd May 1971, has played a catalytic role in the promotion of research and development in science and technology and has served the function of a nodal department organizing, coordinating and promoting S&T activities in the country.

The Department strives to strengthen the foundation of science and technology base of India and launch programmes with benefits in the long term horizon.

To know more about INSPIRE click on www.inspire-dst.gov.in

INSPIRE Internship

The Department of Science and Technology, Govt. of India, launched the INSPIRE **Innovation in Science Pursuit for Inspired Research** - Programme in December 2008. INSPIRE is one of the innovative programs developed by the Department of Science & Technology. The basic objective of 'INSPIRE' would be to attract talent to the study of science at an early stage and help to build the required critical human resource pool for strengthening and expanding the Science & Technology system and R&D base. It is a programme with a long term foresight.

For Details Contact:

Programme Organizer, Inspire Internship Science Camp

Virender Kumar (Physics Department)

S.G.G.S. Khalsa College Mahilpur.

Mobile: 9781264262

Email: virenderazad04@gmail.com

Principal,

S.G.G.S. Khalsa College Mahilpur, Distt. Hoshiarpur (Pb.) - 146105

Phone: 01884-245236, 246235 Fax: 01884-245235

Email: sggskcm@live.com

Principal Mob no:: 9463675767

FOR INSPIRE INTERNSHIP CAMP-2016
15th-19th November, 2016

Topics for write-up competition

- ❖ Second Green Revolution
- ❖ Renewable and Non-renewable Energy
- ❖ Clean Energy
- ❖ Natural Resources Utilization for Sustainability
- ❖ Make in India
- ❖ Swachh Bharat and Ganga Rejuvenation
- ❖ Energy Conservation Efficiency and Sustainability
- ❖ Harnessing Modern Technology for Second Green Revolution
- ❖ Dairy and Livestock Sector
- ❖ Solid and Liquid Waste Management
- ❖ Recycling and Processing of Waste to Conserve Resources
- ❖ Any other issue of issues of national importance

General Guidelines

DST-INSPIRE Internship training camp science students

Department of Science & Technology (DST) has developed an innovative programme named **Innovation in Science Pursuit for Inspired Research (INSPIRE)** to attract talent to the excitement and study of science at an early age, and to help the country build the required critical resource pool for strengthening and expanding the S&T system and R&D base with a long term foresight.

Who should apply?

The principals are requested to recommend **all eligible students**, who are presently studying **science subjects in class XI/ taken admission into Class XII Science**. The recommended students should not have attended any previously organized science camp by DST elsewhere. Total 150 students will be selected on the basis of their marks in class X examination (**Eligibility criteria:** cut-off marks in **class X** examination – **for CBSE – CGPA - A1; ICSE – 95%; Haryana – 88.8%; Punjab – 81.3%; Himachal – 84.5%.**).

Important note: Camp is preferable residential. For attending INSPIRE Science Camp, the student need not pay any money either to the school or the organizer. Expenditures towards travel (to and from), accommodation, and food etc., for all students attending science camps are taken care of by DST-INSPIRE programme through respective camp organizers. The camp is totally free of cost for the students.

How to apply?

Completed registration form (hard copy) along with **attested** copy of class X mark sheet recommended by the **Principal** should reach **Virender Kumar, Program Coordinator, DST INSPIRE Internship Camp-2016**, SGGS Khalsa College Mahilpur, Distt. Hoshiarpur Punjab, 146105, **on or before 30 October, 2016**. Schools are also invited to send their application for **displaying innovative scientific ideas** during the Inspire camp as an exhibition of their scientific competency. Out of all ideas, **five best innovative scientific ideas will be awarded**. Camp timings will be 8:00 am to 5:00 pm daily. Students must come in school uniform.

Principal,

SGGS Khalsa College, Mahilpur

District Hoshiarpur (Punjab) -146105

01884-245236, 246235, fax: 01884-245235.

Principal Mob. No. 9463675767

Registration form can also be mailed to following:

E-mail: 1) virenderazad04@gmail.com **Mob: 09781264262**

2) inspiresgskcm@gmail.com

3) vikrant.rana47@gmail.com **Mob: 8284072216**

Registration form will be downloaded at www.sggskcm.org

S.G.G.S. KHALSA COLLEGE MAHILPUR, HOSHIARPUR (PUNJAB)
(NAAC ACCREDITED)

DST- INSPIRE INTERNSHIP CAMP 15th -19th NOVEMBER, 2016

(Department of Science & Technology –Scheme for Early Attraction of Talent to science-Innovation
in Science pursuit for Inspired Research)

Contact: 01884-245235(O), 245235 (FAX), 9463675767, 9781264262 Mail: virenderazad04@gmail.com

To
The Principal,

Sub: INSPIRE Internship camp for students of Class XI

Dear Sir/Madam,

As you may be aware, Department of Science and Technology (DST), Govt. of India has initiated various schemes under INSPIRE (Innovation in Science Pursuit for Inspired Research) program of DST (<http://www.inspire-dst.gov.in/>) to attract and retain large number of students in basic science and to promote research and innovation in Engineering and medicine. One of the schemes is to organize workshops for 11th standard students (<http://www.inspire-dst.gov.in/internship.html>). The workshops are intended to expose students to the excitement and methods of science, research and innovation, just prior to the time when they make their career decisions (normally after 12th standard).

I am happy to inform you that S.G.G.S. KHALSA COLLEGE MAHILPUR HOSHIARPUR (PUNJAB), is organizing one such INSPIRE Science Internship Camp from **15th Nov. to 19th Nov, 2016** to be held at college campus Mahilpur Distt. Hoshiarpur. (<http://www.sggskcm@live.com>)

The students participating in this five day residential camp will have an excellent opportunity to interact with the best scientific leaders of this country. They would provide thought provoking lectures, open discussions and demonstrations, encourage group activities, facilitated self-learning, close interactions, and motivation towards independent thoughts and inquiry-based questions. In addition, students would be taken for visits to local research labs and would also be shown inspiring scientific documentaries. All the participating students will be provided **free boarding and lodging on campus, local transport, and study materials for all five days of the camp**. Besides, a transport allowance of Rs. 500/- (Rupees five hundred only) or actual, whichever is less, would be provided on arrival at the accommodation venue. Students should arrive at the accommodation venue on 14th November, 2016. **There is no registration fee.**

We request you to kindly recommend **five of your best students** (top five scorers based on their class Xth examination marks), who are presently studying **science subjects in class XI / taken admission into Class XII Science. The recommended students should not have attended any previously organized science camp by DST elsewhere.** The camp requires that students stay in our accommodation for the entire duration of the camp.

Completed application form (Attached), duly attested and recommended by the Principal/ Head of the Institution, should reach Mr. Virender Kumar, Programme Co-ordinator, INSPIRE Science Camp-2016, PHYSICS DEPARTMENT S.G.G.S. KHALSA COLLEGE, MAHILPUR, DISTT. HOSHIARPUR (PUNJAB)-146105 on or before 30th October, 2016. Shortlisted students

would be informed by **5th November, 2016** with details of the camp, time of arrival, accommodation etc.

The principals of the schools are also requested to depute **escort/ accompanying teacher(s)** with the students. The escort teacher/s will also get the chance to interact with eminent scientists during lectures and practical sessions. They will be provided participation/ attendance certificate. Schools must provide contact details of escort teacher/s. Local schools are requested to arrange their respective school buses. We will reimburse diesel charges after submitting proper bills duly signed by the principal and teacher(s). Outstation candidates/escort teacher(s) must keep their original bus/train tickets for travel reimbursement

Virender Kumar

Programme Coordinator,
INSPIRE Science internship Camp -2016,
E-mail: virenderazad04@gmail.com
inspiresgskcm@gmail.com
Contact: 9781264262

Principal

S.G.G.S. Khalsa College, Mahilpur
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