

# Innovation HUB

Membership FORM

School (Std 6th to 10th)  College (11th to Degree)

Name \_\_\_\_\_

School \_\_\_\_\_

Add \_\_\_\_\_

Tel. No. \_\_\_\_\_ Mob. No. \_\_\_\_\_

Email \_\_\_\_\_

Subject of Interest:  Integrated Science  
 Electronics  Robotics

Standard \_\_\_\_\_

Preferred Batch \_\_\_\_\_

Preferred Day  Saturday  Sunday

PARTICULARS OF REGISTRATION FEES

Rs. \_\_\_\_\_ / DD No. \_\_\_\_\_

Date \_\_\_\_\_ Signature of the Applicant

### DECLARATION

I, \_\_\_\_\_ father/mother/ guardian of \_\_\_\_\_ give my unconditional consent for joining of my son/daughter to the Innovation Hub of District Science Centre, Dharampur. It is certified that my candidate is physically fit to take part in the activities & is not suffering from any allergy/disease. (Medical certificate is required in case the child is allergic)

(Signature of Parent/Guardian/Institutional Head)

Note: The admission will be based on prior confirmation only. Please tear off this form and submit to the Education Department of Nehru Science Centre, Mumbai. Necessary membership fee will have to be deposited after the application is accepted by Nehru Science Centre, Mumbai.

### INNOVATION HUB FOR SCIENCE & TECHNOLOGICAL ACTIVITIES

**Tod Fod Jod (Break & Remake) (Std 6th - 10th):** Students will learn to open gadgets and reassemble them on their own.

**Kabad Se Jugad (Build from Scraps) (Std 6th to 10th):** Students will use low-cost materials to develop interesting models or science toys.

**Idea Box:** Students are encouraged to write down innovative ideas and submit them to Idea Bank. The best ideas are chosen for further development as project work.

**Make your own science models/kits (Std 6th & above):** Students work on an innovative idea and make a working model or kit on it.

**Real life problem identification & solution finding (Std 6th & above):** Students identify on their own or are given a real life problem of practical importance and they work towards a possible technical solution in the form of a product, implement or process.

**Investigative projects (Std 6th & above):** Students either generate or are given mini investigative projects wherein they work under the guidance of experts and submit dissertation reports.

**Electrical/Electronics (Std 9th & above):** Students will learn to design and develop circuits. They will be introduced to DC & AC circuits, Basic Electronics and Magnetic circuits & its applications.

### REGISTRATION FEE

- Facilities of the Innovation Hub will be available to student members of DSC, Dharampur only.
- Student member has to fill up separate registration form for enrolment in each discipline and submit along with registration fee as applicable.
- Membership Card for Innovation Hub will be provided to registered students.
- Batch will start from April - June, July - September, October - December, January - March
- Only two sessions per day once in a week will be allowed for activity.
- Registration fee shall be paid in cash

### CONTACT

Innovation Hub: 02633 -242012  
 Email: educationdscd@gmail.com,  
 dsc.dharampur@rediffmail.com,  
 dsodscd.val-culture@gov.in  
 website: www.dscdharampur.org.in



Tod Phod Jod  
 Knowledge Co-operation  
 Robotics Networking  
 Inspiration Motivation  
**IDEAS**  
 Kabad Se Jugad Collaboration  
 Information



Venue:  
**DISTRICT SCIENCE CENTRE**  
 (National Council of Science Museums)  
 Ministry of Culture, Government of India  
 Garden Road, Dharampur  
 Tel: 02633 242012

Email: educationdscd@gmail.com  
 dsc.dharampur@rediffmail.com  
 dsodscd.val-culture@gov.in  
 website: www.dscdharampur.org.in

# Innovation HUB

Making Good Ideas Happenn

**District Science Centre**  
 National Council of Science Museums  
 Ministry of Culture, Govt. of India



## Mind is a Parachute, it functions only when it is open

Genius means little more than the faculty of perceiving in an unhabitual way. The Innovation Hub created at the Nehru Science Centre is expressly designed to foster the creative faculty among students.

"The key question isn't "What fosters creativity?" But it is why in God's name isn't everyone creative? Where was the human potential lost? How was it crippled? I think therefore a good question might be not why do people create? But why do people not create or innovate? We have got to abandon that sense of amazement in the face of creativity, as if it were a miracle if anybody created anything."

— Abraham Maslow

Creativity stems from scientific thinking. Science Centres provide an ambience for scientific thinking. Pandit Jawaharlal Nehru, in whose memory this centre is created, said "It is science alone that can solve the problems of hunger and poverty, of insanitation and illiteracy, of superstition and deadening custom and tradition, of vast resources running to waste, or a rich country inhabited by starving people... Who indeed could afford to ignore science today? At every turn we have to seek its aid... The future belongs to science and those who make friends with science."

From the dim millennium of prehistory creativity and innovation have been central to human evolution. India was on forefront of innovation and creativity for several centuries. The modern world, in which information from any part of the globe is just a click away, is best suited for a paradigmatic shift in fostering creativity and innovation especially among students. Innovation has nothing to do with how much money one has. When Steve Jobs started Apple, the company which created the Mac and several other path breaking innovative products, IBM was spending at least 100 times more on R & D. Innovation is not about money. It's about the people.

Innovation depends on harvesting knowledge from a range of disciplines besides science and technology, among them design, social science, and the arts. It is about new ways of doing and seeing things as much as it is about the breakthrough idea. The decade 2010-2020 has been declared as the "Decade of Innovation" by our former President of India Late Dr APJ Abdul Kalam. To comply with the call, the National Council of Science Museums is developing a chain of 'Innovation Hubs' where young innovators are provided an ambience and a platform and resources to pursue the passion to create through science and technology innovation.

Innovation Hub with facilities for the students to work on own projects/fabrication of science kits/experiments/science & technological activities with their Innovative ideas. Facilities of Innovation Hub will be available only for student members of District Science Centre, Dharampur

### OBJECTIVES

- To engage the youth in creative hobbies and activities in science and technology.
- To promote critical thinking and practical problem solving skills among students
- To support innovative ideas and build them to come to fruition
- To recognize, encourage and facilitate local innovations in Science & Technology

No. of Batches	: 04 per year
Duration of Batch	: April – June                      July – September
No. of Sessions per day	: October – December      January – March
	: Morning session: 11:00 AM to 1:00 PM
	: Afternoon Session: 2:00 PM to 4:00 PM
Allotment of Session	: Per day 2 sessions once a week
Holidays	: Innovation Hub will remain closed on National Holidays

### INNOVATION HUB FOR STUDENT'S PROJECT

New ideas that are likely to benefit the society shall be encouraged. After registration students will submit their project proposal or ideas. Students will be required to document their daily works at the completion of each project session. Good works/projects will be posted on the website of the Centre and they may get opportunity to participate in the Science/Innovation Fairs organized by the Council or any such bodies

### INNOVATION HUB FACILITIES

Innovation Lab & Workshop:

- 1) Chemistry
- 2) Biology
- 3) Physics, Kabaad Se Jugad & Tod God Jod

Tech Lab:

- 1) Electronics
- 2) Robotics

SUBJECT	SUITABLE FOR	COURSE FEE PER BATC
Integrated Science	Std 6th to 10th	Rs.- 300/- per student
Electronics	Std 11th & Above	Rs.- 500/- per student
Robotics	Std 6th to 10th	Rs.- 1000/- per student

