



Sci-Connect

(Nurturing Young Talents of North-East on Science)



Vigyan Prasar

(An autonomous institution of the Department of Science & Technology,
Government of India)

A-88, Institutional Area, Sector-32, No.40-031 388, Uttar Pradesh
Ph:-0120-2404400-07 Email: sci@vigyanprasar.gov.in

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About Sci-Connect

“Sci-Connect” Connecting Science with Young Talents with science: is a program initiated by the Vigyan Prasar especially for children in North-Eastern States of India, i.e., Assam, Mizoram, Nagaland, Tripura, Manipur, Silkim, Meghalaya and Arunachal Pradesh.

Objective:

The main objective of the program is to sensitise young children in upper primary to secondary levels about science in daily life. This is to help them practice the method of science from their childhood. The programme will also help children in remote areas to showcase their talents and innovative ideas. Vigyan Prasar will provide a set of films to each school through the respective State Science and Technology Council. The participating schools will register themselves with the State Science and Technology Council for getting the resource materials (films).



The program will be organised in 4 stages:

- Screening of films
- District Level Science quiz
- State Level Quiz
- Regional Level Quiz

Stage I: Screening of science films produced by Vigyan Prasar will be organised at all registered schools.

Stage II: From the content of screened films, a selection test in written format will be organised at all participating/registered schools. Fifteen participants will be selected from each State for the next level.

Stage III: The selected 15 participants for the stage II will be invited to the State level. Five teams of three students each will be formed, and a Quiz show will be organised. This quiz show will also be telecast through regional DD Kendras. One best team, comprising three students will be selected for the next level from each State.

Stage IV: One team from each State will be invited for the final round, and best three teams will be selected for the award.



Eligibility:

Screening of films is open for all school children. Students of classes 8-9 are eligible to participate in the Science Quiz Competition.

Language of Programme:

English

Syllabus for Screening Test

The test will be based on CBSE/State syllabus. The screening examination will be of 100 Objective type multiple choice questions.(60 from films and 40 from syllabus). The exam will have negative marking of -0.25 on every wrong answer and 1 mark on every right answer. These films can also be downloaded from Vigyan Prasara youtube page "vigyanprasaryt".



Awards and prizes

State Level

Each student of 1st Team at State level

Each student of 2nd Team at State level

Each student of 3rd Team at State level

For Final Round at Regional Level

Each student of 1st Team in final Rs.3000/- Cash

Each student of 2nd Team in final Rs.2000/- Cash

Each student of 3rd Team in final Rs.1500/- Cash

Screening of films

There are 21 films each of 24-27 minutes duration in English on such subject areas as Biology, Physics, Maths and Chemistry. These films will be provided in sets of 3 DVDs with this information brochure. These films can also be downloaded from Vigyan Prasar youtube page "vigyanprasaryt".



The details of the films are as follows:-

DVD No.	Name of Film	Subject
I	Fibonacci	Maths
I	Geometry	Maths
I	Maths & Biology	Maths
I	Prime Numbers	Maths
I	Saffron	Biology
I	Shapes & Tessellations	Maths
I	Topology	Maths
II	Discovery of Radioactivity	Physics
II	How Can the Neutrino be Detected	Physics
II	How can wind power be Harnessed for Electricity	Physics
II	In the Footsteps of KS Krishnan	Physics
II	The Darwin Puzzle	Biology
II	Thirty Meter Telescope	Physics
II	What is Rotavirus?	Biology
III	Biotechnology in Wildlife Conservation	Biology
III	Chemistry & Construction	Chemistry
III	Chemistry & Environment	Chemistry
III	Evolution of Modern Chemistry	Chemistry
III	P.C. Ray	Chemistry
III	The World of Chemistry	Chemistry
III	What is Science of Tea	Biology



Important Dates*:

Registration of Schools	February 2017
Screening of films	15 th March 2017
Screening Examination-Objective Type Paper	31 st March 2017
State level Science Quiz-Live Quiz Contest (Stage-II)	April 2017
Final Quiz Competition	April-May 2017

* The above is a tentative schedule and the final schedule will be informed in consultation with the State Science and Technology Council.

In the Second and Third level all the participants will be invited by Vigyan Prasar/ State Science and Technology Council and their travel and accommodation costs will be covered by the Council.



List of participating organisation & their contact details:-

Arunachal Pradesh

Er T Ronya
Director Member Secretary
Arunachal Pradesh State Council for
Science and Technology
Department of IT, Science and Technology
Government of Arunachal Pradesh,
ESS-Sector, Maung Phi Complex
Itanagar - 791113, Arunachal Pradesh
Phone : 0360 2292379, 290833, 2292011
(M) : 9436040272, Fax No. 0360 2212935
Email : t_ronya@yahoo.co.in

Assam

Dr. Arup Mishra
Director & Member Secretary
Assam Science Technology & Environment Council
Vigyan Bhawan, Nehru Nagar
G.S. Road (Near IDBI Building)
Guwahati - 781005, Assam
Phone : 0361-2461240 (M) : 09435019520,
Fax No. 0361-2464617
Email : astec@rediffmail.com

Mizoram

Dr Lallianthanga
Chief Scientific Officer/ Member Secretary
Mizoram Council of Science and Technology
Secretariat, Block C, Govt. of Mizoram
Aizwal - 796001, Mizoram
Phone : 0389-2323159 (M) :09436140957,
Fax No. : 0389-2301787
Email : cso.dst-miz@gov.in

Nagaland

Dr. Zavei Hiese
Member Secretary
State Science & Technology Council
Kohima - 797001
Nagaland
Phone : 0370-2270205 (M) :09436001974,
Fax No. 0370-2270205
Email : zhiese@gmail.com



List of participating organisation & their contact details:-

<p>Manipur Th. Surendranath Singh Executive Director Manipur Science & Technology Council Central Jain Road Imphal - 795001 Manipur Phone : 385-2443451 (M) :09436032415, Fax No. 385-2460037 Email : thsuren@gmail.com</p>	<p>Meghalaya Smti. R.Thangkhiew Research Officer State Council of Science & Technology and Environment Meghalaya Lower Lachumiere Shillong - 793001, Meghalaya Phone : 0364-2223795 (M) :09436032415, Fax No.036-2225470 Email : steellmegh@gmail.com</p>
<p>Tripura Shri M.L. Roy Member Deputy Secretary Tripura State Council for Science & Technology 1st Floor, Vigyan Bhawan Pt. Nehru Complex, Gorakhabasti Agartala - 799006, Tripura Phone : 0381- 2301365 (M):09436123648, Fax No. 0381- 2301365 Email: mlroy58@gmail.com</p>	<p>Sikkim Shri Anil Mainra Secretary (S&T) and Member Secretary Department of Science & Technology Sikkim State Council of Science & Technology Development Area, Gangtok-737101, Sikkim Phone : 03592-205551-228699, 2015360 (M) 09434020041, Fax : 208764 Email : anilmainra@gmail.com</p>



Vigyan Prasar contact details:-

Sachin C Narwadiya
Scientist C
A-50, Institutional Area, Sector-62,
Noida-201 309, Uttar Pradesh
Ph:-0120-2404430-37 Ext.238
Email:sachin@vigyanprasar.gov.in

Kapil Kumar Tripathi
Scientist E
A-50, Institutional Area, Sector-62,
Noida-201 309, Uttar Pradesh
Ph:-0120-2404430-37 Ext.207
Email:kapil@vigyanprasar.gov.in

Address: Dr. Pradyumn



Registration Form

Name of Student:.....

Sex:..... Male Female

Date of Birth:.....

Name of School:.....

Student Address and contact number:

.....

Coordinating Teacher's Name:.....

Address and contact number:

Iof class age..... wish to register myself as participant for the Sci-Connect program. I will abide all the rules regulations of the competition.

Place:

Date:

Signature of Student



Registration of School

1. Name of School :

2. Address of School :

3. Principal Name and Contact number/ Email :

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I wish to register as..... participant for the Sci-Connect program from the School.....
..... I will ensure screening of films provided per schedule to students of my school.
I will abide all rules regulations of the competition.

Place :

Date :

Signature of Principal



Vigyan Prasar

Vigyan Prasar(VP) is an autonomous organisation under the Department of Science and Technology established in 1989. The objectives of VP are to take up large-scale science popularization tasks/activities and serve as a resource-cum-facility centre for S&T communication. Science on Television (SOT) thrust of Vigyan Prasar is involved in promoting science and technology content through television. Programmes are telecast through Doordarshan, DD-regional Kendras, Lok Sabha TV and Rajyasabha TV. Vigyan Prasar also covers Indian achievements in science and technology through its popular weekly science news programme Science Monitor/ Gyan Vigyan and telecast through Rajyasabha TV since last five years. These programmes may also be seen on Vigyan Prasar youtube page "vigyanprasaryt". For other programmes and activities, please visit our website www.vigyanprasar.gov.in