

**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF SCIENCE & TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION No.2836
TO BE ANSWERED ON 15/12/2021**

VIGYAN JYOTI PROGRAMME

**†2836. SHRI ARUN SAO:
SHRI BHAGWANT MANN:
DR. ALOK KUMAR SUMAN:**

Will the Minister of SCIENCE AND TECHNOLOGY विज्ञान और प्रौद्योगिकी मंत्री be pleased to state:

- (a) whether Vigyan Jyoti Programme is being implemented with the purpose of encouraging students particularly the girl students to pursue career in the field of Science and Technology;**
- (b) if so, the details thereof along with the achievements of the said programme so far;**
- (c) whether Vigyan Jyoti Programme is being implemented with the cooperation of Jawahar Navodaya Vidyalaya;**
- (d) if so, the details of such Navodaya Vidyalayas, State-wise, including Chhattisgarh and Punjab where the said programme is being implemented;**
- (e) whether the Government proposes to expand the said programme in more Jawahar Navodaya Vidyalayas in Bihar particularly in Gopalganj district and to include Kendriya Vidyalayas also in the said programme and if so, the details thereof and if not, the reasons therefor; and**
- (f) the measures taken by the Government to encourage the girl child in Bihar particularly in Gopalganj District and the State of Punjab?**

ANSWER

**MINISTER OF STATE (INDEPENDENT CHARGE) OF THE
MINISTRY OF SCIENCE AND TECHNOLOGY AND EARTH SCIENCES
(DR. JITENDRA SINGH)**

विज्ञान और प्रौद्योगिकी तथा पृथ्वी विज्ञान मंत्रालय के राज्य मंत्री (स्वतंत्र प्रभार)
(डॉ. जितेंद्र सिंह)

(a) Yes Sir.

(b) The 'Vigyan Jyoti' programme started in the year 2019-20 by the Department of Science and Technology (DST) with aim to encourage meritorious girl students of Class 9-12 to pursue higher education and career in Science & Technology particularly in the areas where women are underrepresented. Various activities such as Science Camps, special lectures/classes, counselling of students-parents and interaction with role models are conducted in the programme. Selected girls are also getting opportunity to visit nearby scientific institutions and industries. The tinkering activities are also being conducted under the programme along with access to the Atal Tinkering Labs (ATLs), where ever available. Since the inception, more than 12000 girls have been supported in 100 districts under Vigyan Jyoti. In two phases of Vigyan Jyoti, around 1239 online special classes covering concepts of Physics, Chemistry, Mathematics and Biology, more than 243 lectures from eminent scientists/role models, five (5) science camps, 25 visits to Knowledge Partners (KP)/Industry/Lab, seven (7) Atal Tinkering Labs (ATL) workshops, orientation sessions, 150 student-parent counselling sessions and 2 sessions of career counselling have been conducted. Further, flip book of 'Science & Mathematics Projects' for hands on experiments for Class XI-XII, Cyber Security Workshops and Science Quizzes have been organized in all the 100 districts. Eleven (11) sessions of Curriculum Based STEM (C-STEM) Classes and quizzes have also been organized for Class IX-X students. In addition to this, a dedicated web portal 'vigyanjyoti.dst.gov.in' has been started for smooth management of the programme.

(c) & (d) Yes. At present Vigyan Jyoti Programme is being implemented in Jawahar Navodaya Vidyalayas (JNVs) at 100 Districts of the country. In Chhattisgarh, programme is running at 4 JNVs at Bilaspur, Raipur, Dhamtari and Kanker Districts while in Punjab at 4 JNVs viz. in Amritsar, Ludhiana, Mansa and Faridkot Districts. The state-wise list of 100 JNVs is mentioned below:

List of 100 Districts under Vigyan Jyoti (2020-21)

Sl. No.	States/UTs	Number of Districts	District wise JNVs
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1.	Andhra Pradesh	3	Ananthapur, West Godavary, Vizag
2.	Andaman and Nicobar	1	Middle Andaman
3.	Arunachal Pradesh	1	Lohit
4.	Assam	5	Kamrup, Nalbari, West Imphal, Jorhat, Golaghat
5.	Bihar	5	Nalanda, Patna, Vaishali, Katihar, Muzaffarpur
6.	Chhattisgarh	4	Raipur, Dhamtari, Bilaspur, Kanker
7.	Chandigarh	1	Chandigarh
8.	Dadar & Nagar Haveli & Diu	2	Silvasa, Diu
9.	Delhi	1	Jaffarpurkalan
10.	Goa	1	Canacona
11.	Gujarat	4	Gandhinagar, Bhavnagar, Vadodara, Tapi
12.	Haryana	3	Hisar, Kurukshetra, Gurgaon
13.	Himachal Pradesh	4	Solan, Shimla, Mandi, Hamirpur
14.	J&K	2	Udhampur, Ganderbal
15.	Jharkhand	4	Hazaribagh, Ranchi, Dhanbad, West Singhbhum
16.	Karnataka	5	Banglore Urban, Chitradurga, Mangalore, Shimoga, Mysore
17.	Kerela	3	Kottayam, Palakkad, Ernakulam
18.	Laddakh	1	Leh
19.	Madhya Pradesh	5	Indore, Vidisha, Jabalpur, Mandla, Dhar
20.	Maharashtra	5	Nagpur, Pune, Sangli, Nanded, Aurangabad
21.	Manipur	1	Chandel
22.	Meghalaya	2	East Khasi Hills, Ri Bhoi
23.	Nagaland	1	Kohima
24.	Odisha	2	Cuttack, Sambhalpur, Khordha, Sundergarh

25.	Punjab	4	Ludhiana, Amritsar, Mansa, Faridkot
26.	Puducherry	1	Puducherry
27.	Rajasthan	6	Barmer, Dausa, Jaipur, Jodhpur Kota, Dungarpur
28.	Sikkim	1	North Sikkim
29.	Telangana	2	Rangareddy, Warrangal
30.	Tripura	1	Khowai
31.	Uttar Pradesh	8	Allahabad, Kanpur Nagar, Lucknow, Saharanpur, Varanasi, Bareilly, Gorakhpur, Jhansi
32.	Uttarakhand	5	Almora, Dehradun, Haridwar, Nainital, Pauri Garhwal
33.	West Bengal	4	East Medinipur, West Medinipur, Nadia Bardhaman
	TOTAL	100	

(e) The expansion of Vigyan Jyoti Programme for 3rd Phase is in progress to include 100 new districts along with 100 existing districts. Few districts of Bihar including Gopalganj are also included in Phase-III of Vigyan Jyoti. The girls of Kendriya Vidyalaya are already enrolled in the programme and getting benefits of Vigyan Jyoti Programme since the inception.

(f) Several measures have been taken by the Government to encourage girl child of the country including the states of Bihar and Punjab. Vigyan Jyoti Programme of DST is providing various interventions, exposure and facilities to meritorious girls for their overall development and pursuance of career in STEM fields. Besides Vigyan Jyoti Programme, another programme 'PRAGATI Scholarship' of Ministry of Human Resource Development (MHRD) support girl child to study technical education. Further, University Grant Commission (UGC) is also implementing 'Post-Graduate Indira Gandhi Scholarship for Single Girl Child' with an aim to compensate direct costs of girl education to all levels. Another programme 'Begum Hazrat Mahal National Scholarship' of Ministry of Minority Affairs is recognizing, promoting and assisting girl students belonging to National Minorities who cannot continue their education due to lack of financial support.
