

**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
LOK SABHA**

**UNSTARRED QUESTION No. 4674
TO BE ANSWERED ON 29.3.2023**

INCLINATION OF GIRLS TOWARDS SCIENCE

4674. SHRIMATI SARMISTHA SETHI:

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

(a) whether any scheme is being implemented to increase the interest and inclination of girls towards science;

(b) if so, the details thereof;

(c) whether any scheme is being run by the Government to encourage girl scientists in the country; and

(d) if so, the State-wise details of girl scientists who have been encouraged during the last three years?

ANSWER

**MINISTER OF STATE (INDEPENDENT CHARGE) FOR 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. The Department of Science and Technology is implementing Vigyan Jyoti programme to increase the interest and inclination of girls towards science.

(b) & (c) Vigyan Jyoti Programme aims to encourage meritorious girl students of Class 9-12 to pursue higher education and career in STEM (Science Technology Engineering Mathematics) particularly in the areas where women

are underrepresented. The 3rd phase of Vigyan Jyoti Programme is in implementation in 200 districts of the country. Various year-round activities such as Science Camps, special lectures/classes, counselling of students-parents and interaction with role models are being conducted to increase the interest of girls towards STEM. Further, special sessions on curriculum based experiential learning namely, C-STEM for class IX-X girls and Sparkle series for Class XI-XII girls are also being organized for better understanding of principles and concepts. The tinkering activities are also being conducted under the programme along with access to the Atal Tinkering Labs (ATLs), where ever available. Some other activities such as Cyber Security Workshops, PyCode sessions, coadethon, and Science Quizzes have been organized for better inclination of girls towards science. Selected girls are also getting opportunity to visit nearby scientific institutions and industries.

In addition to 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.

(d) More than 30000 girls have been encouraged through various interventions under Vigyan Jyoti since the inception in 2019-20. The States and UTs wise number of beneficiary girl scientists under Vigyan Jyoti Programme is mentioned below:

State/UTs	Phase-I		Phase-II		Phase-III	
	Districts	No. of girl students	Districts	No. of girl students	Districts	No. of girl students
Andaman and Nicobar	-	-	1	100	1	100
Andhra Pradesh	-	-	3	298	7	692
Arunachal Pradesh	1	50	1	95	4	276
Assam	2	100	4	399	11	935
Bihar	3	150	5	499	8	671
Chandigarh	1	50	1	100	1	99
Chhattisgarh	2	100	4	385	8	779
Dadar, Nagar Haveli, Daman & Diu	1	50	2	200	2	200
Delhi	1	50	1	99	2	197
Goa	1	50	1	100	1	97
Gujarat	1	50	4	400	10	797
Haryana	1	50	3	297	6	586
Himachal Pradesh	2	100	4	400	8	733
Jammu and Kashmir	-	-	2	134	5	378
Jharkhand	2	100	4	399	9	644
Karnataka	3	150	5	500	9	891
Kerala	2	100	3	302	7	690
Ladakh	-	-	1	96	1	88
Madhya Pradesh	2	100	5	493	10	977
Maharashtra	3	150	5	496	11	1038
Manipur	1	50	2	200	4	271
Meghalaya	1	50	2	200	3	222
Mizoram	-	-	-	-	1	43
Nagaland	1	50	1	95	1	54
Odisha	2	100	4	400	8	778
Puducherry	-	-	1	100	4	400
Punjab	-	-	4	394	7	683
Rajasthan	4	200	6	599	10	967
Sikkim	1	50	1	100	2	200

Telangana	2	100	3	299	5	493
Tripura	-	-	1	100	3	213
Uttarakhand	3	150	5	494	7	671
Uttar Pradesh	4	200	8	797	14	1279
West Bengal	2	150	4	399	10	940
Total	50	2500	100	9869	200	18082
