

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
LOK SABHA
STARRED QUESTION No. *64
TO BE ANSWERED ON 07/02/2024

WISE-KIRAN Scheme

***64. SHRI THOMAS CHAZHIKADAN:**

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

- (a) whether the Women in Science and Engineering-KIRAN (WISE-KIRAN) scheme, that aims to encourage women in the field of Science and Technology (S&T) through gender enabling programmes is fulfilling its unique objective of providing opportunities to women scientists and technologists, especially those who had a break in career;**
- (b) if so, the details thereof, State/UT-wise along with the relevant details of rural and urban women beneficiaries under the said scheme in the last five financial years, year-wise;**
- (c) the details of the amount spent on the WISE-KIRAN scheme since its inception in the State of Kerala, year-wise; and**
- (d) whether the Government proposes to implement any new activities or projects under the said scheme and if so, the details thereof?**

A N S W E R

MINISTER OF STATE (INDEPENDENT CHARGE) FOR THE
MINISTRY OF SCIENCE & TECHNOLOGY
(DR JITENDRA SINGH)

विज्ञान और प्रौद्योगिकी मंत्रालय के राज्यमंत्री (स्वतंत्र प्रभार)
(डॉ. जितेंद्र सिंह)

(a) to (d): A statement is laid on the Table of the House.

Statement referred to in reply to parts (a) to (b) of Lok Sabha Starred Question No.*64 for answer on 07.02.2024

(a) Yes Sir, the Women in Science and Engineering-KIRAN (WISE-KIRAN) scheme of the Department of Science and Technology (DST) is fulfilling its unique objectives of providing opportunities to women scientists and technologists including those who had a career break. The scheme promotes girls, women researchers and women institutions in the field of Science & Technology (S&T) through different programmes.

(b) One of the flagship programmes 'Women Scientist Scheme (WOS)' under the WISE-KIRAN Scheme provides different opportunities to unemployed women scientists and technologists, especially those who had break in their careers, to pursue research in frontier areas of Science and Engineering. There are three major components of WOS, namely, i) Women Scientists Scheme-A (WOS-A) that supports women for conducting research in Basic & Applied Sciences, ii) Women Scientists Scheme-B (WOS-B) encourages them to carry out research that entails S&T interventions for societal benefit and iii) Women Scientists Scheme-C (WOS-C) enables them to become Intellectual Property Rights (IPR) professionals after one year of training. Approximately 2153 women scientists have benefitted under the WISE-KIRAN Scheme in the last five years and the current year. Different programmes under the WISE-KIRAN scheme have pan India spread and do not differentiate between rural and urban beneficiaries. However, another unique programme 'Vigyan Jyoti' that aims to encourage meritorious girls to pursue higher education and careers in STEM (Science Technology Engineering Mathematics) caters girls mostly from rural set-ups. The State/UT-wise details of women and girls beneficiaries under the

WISE-KIRAN Scheme since the financial year 2018-19 are mentioned below. The detailed list (state/UT-wise and financial year-wise) of women and girls benefitted is placed at Annexure-I.

Sl. No.	States/UTs	Women benefitted under WISE-KIRAN	Girls benefitted under Vigyan Jyoti
1.	Andaman & Nicobar	1	300
2.	Andhra Pradesh	40	1678
3.	Arunachal Pradesh	4	650
4.	Assam	39	2353
5.	Bihar	13	2168
6.	Chandigarh	37	349
7.	Chhattisgarh	15	2308
8.	Dadar, Nagar Haveli, Daman & Diu	0	650
9.	Delhi	241	487
10.	Goa	8	345
11.	Gujarat	50	2357
12.	Haryana	60	1832
13.	Himachal Pradesh	26	2089
14.	Jammu & Kashmir	43	1099
15.	Jharkhand	14	2121
16.	Karnataka	148	2489
17.	Kerala	134	1870
18.	Ladakh	1	276
19.	Madhya Pradesh	59	2742
20.	Maharashtra	230	3094
21.	Manipur	18	810
22.	Meghalaya	3	772
23.	Mizoram	5	133
24.	Nagaland	5	222

Sl. No.	States/UTs	Women benefitted under WISE-KIRAN	Girls benefitted under Vigyan Jyoti
25.	Odisha	45	2345
26.	Puducherry	9	900
27.	Punjab	63	2079
28.	Rajasthan	53	3000
29.	Sikkim	2	504
30.	Tamil Nadu	208	0
31.	Telangana	121	1477
32.	Tripura	2	521
33.	Uttar Pradesh	234	3638
34.	Uttarakhand	53	2103
35.	West Bengal	169	2442
	TOTAL	2153	52203

(c) The year-wise details of the amount sanctioned under the WISE- KIRAN scheme in the state of Kerala since FY 2018-19 are as follows:

Sl. No.	Financial Year	Amount sanctioned(in Crores)
1.	2018-19	5.61
2.	2019-20	3.70
3.	2020-21	1.29
4.	2021-22	3.85
5.	2022-23	8.57
6.	2023-24	1.43
	TOTAL	24.45

(d) The Department of Science and Technology started some new programmes under the WISE-KIRAN Scheme during 2023-24. A new programme ‘WISE Fellowship for Ph.D. (WISE-PhD)’ is started to support women researchers to pursue Ph.D. in Basic and Applied Sciences. On the other hand, the WISE Post-Doctoral Fellowship (WISE-PDF) programme promotes women scientists to carry out Post-Doctoral research in Sciences & Engineering. Another programme ‘WISE-SCOPE’ allows women scientists to address societal challenges through S&T interventions in 5

thematic areas of societal relevance. Further, the WIDUSHI Programme extends support to senior women scientists to harness their potential for the betterment of science and society. In addition, the WISE Internship in Intellectual Property Rights (WISE-IPR) programme provides training to young women in the field of Intellectual Property Rights. These new programmes under the WISE-KIRAN Scheme aim to bring gender parity across the STEM fields.

Annexure-I**Number of women benefitted under WISE-KIRAN Scheme**

States/UTs	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	TOTAL
Andaman and Nicobar Islands	0	0	0	1	0	0	1
Arunachal Pradesh	1	2	0	0	0	1	4
Andhra Pradesh	8	7	10	6	2	7	40
Assam	8	11	5	3	5	7	39
Bihar	3	5	2	2	1	0	13
Chhattisgarh	4	4	2	3	0	2	15
Chandigarh	7	8	8	4	9	1	37
Delhi	56	48	38	26	26	47	241
Goa	2	2	0	1	2	1	8
Gujarat	14	16	8	3	4	5	50
Haryana	15	15	5	8	2	15	60
Himachal Pradesh	10	6	3	4	1	2	26
Jammu & Kashmir	6	10	6	2	11	8	43
Jharkhand	2	3	4	1	3	1	14
Karnataka	43	31	26	11	16	21	148
Kerala	32	29	16	25	19	13	134
Ladakh	0	0	0	1	0	0	1
Madhya Pradesh	17	18	4	7	3	10	59
Maharashtra	62	61	41	23	20	23	230
Manipur	4	5	5	1	2	1	18
Meghalaya	2	0	1	0	0	0	3
Mizoram	1	1	0	0	0	3	5
Nagaland	0	0	1	1	1	2	5
Odisha	21	5	3	5	4	7	45
Puducherry	2	2	3	1	1	0	9
Punjab	17	12	6	6	12	10	63
Rajasthan	12	15	8	5	5	8	53
Sikkim	1	0	0	0	1	0	2
Tamil Nadu	56	43	37	27	20	25	208
Telangana	33	23	21	4	19	21	121
Tripura	0	0	1	0	0	1	2
Uttar Pradesh	60	57	39	21	17	40	234
Uttarakhand	14	15	8	9	2	5	53
West Bengal	38	44	33	14	16	24	169
Total	551	498	344	225	224	311	2153

Number of girls benefitted under Vigyan Jyoti of WISE-KIRAN Scheme

State/UTs	2020-21	2021-22	2022-23	2023-24	Total
Andaman and Nicobar	-	100	100	100	300
Andhra Pradesh	-	298	692	688	1678
Arunachal Pradesh	50	95	276	229	650
Assam	100	399	935	919	2353
Bihar	150	499	671	848	2168
Chandigarh	50	100	99	100	349
Chhattisgarh	100	385	779	1044	2308
Dadar, Nagar Haveli, Daman & Diu	50	200	200	200	650
Delhi	50	99	197	141	487
Goa	50	100	97	98	345
Gujarat	50	400	797	1110	2357
Haryana	50	297	586	899	1832
Himachal Pradesh	100	400	733	856	2089
Jammu and Kashmir	-	134	378	587	1099
Jharkhand	100	399	644	978	2121
Karnataka	150	500	891	948	2489
Kerala	100	302	690	778	1870
Ladakh	-	96	88	92	276
Madhya Pradesh	100	493	977	1172	2742
Maharashtra	150	496	1038	1410	3094
Manipur	50	200	271	289	810
Meghalaya	50	200	222	300	772
Mizoram	-	-	43	90	133
Nagaland	50	95	54	23	222
Odisha	100	400	778	1067	2345
Puducherry	-	100	400	400	900
Punjab	-	394	683	1002	2079
Rajasthan	200	599	967	1234	3000
Sikkim	50	100	200	154	504
Telangana	100	299	493	585	1477
Tripura	-	100	213	208	521
Uttarakhand	150	494	671	788	2103
Uttar Pradesh	200	797	1279	1362	3638
West Bengal	150	399	940	953	2442
Total	2500	9969	18082	21652	52203
