

**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH**

RAJYA SABHA

**UNSTARRED QUESTION No. 1556
(TO BE ANSWERED ON 01.01.2018)**

LAUNCHING OF 'JIGYASA' PROGRAMME

1556. SHRIMATI JAYA BACHCHAN:

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) whether Government has launched 'Jigyasa' a student-scientist connect programme recently and if so, the details thereof;
- (b) whether the programme would connect school students and scientists and also extend students' classroom learning to a very well planned research laboratory based learning and if so, the details thereof;
- (c) the details of institutions involved and the schools selected for the programme, along with details of allocations, State-wise; and
- (d) whether Government has considered including other Government schools in this scheme to boost awareness amongst children in all the States and if so, the details thereof?

ANSWER

MINISTER OF STATE FOR SCIENCE AND TECHNOLOGY AND EARTH SCIENCES

(SHRI Y. S. CHOWDARY)

- (a) Yes, Sir. Council of Scientific & Industrial Research (CSIR) and Kendriya Vidyalaya Sangathan (KVS) have signed an MoU on 06 July 2017 to launch "Jigyasa: Scientists-student Connect programme". The MoU envisages some of the following models of engagement:
 - Student Apprenticeship programme
 - Summer Vacation Programmes
 - Projects of National Children's Science Congress
 - Scientists as Teachers and Teachers as Scientists
 - Teachers' Workshop
 - Student Residential Programme
 - Popular Lecture Series
 - Visits of Scientists to Schools
 - Lab specific activities / Onsite experiments
 - Science and Maths Club and many more.
- (b) Yes, Sir. The aim and objective of the Jigyasa programme is to connect CSIR Institutes and its scientists with school students to develop 'Scientific Temper' in the young minds. The programme envisages to connect school students and scientists, by opening up the national scientific facilities to school children, enabling CSIR scientific knowledgebase and facility to be utilized by school children.

- (c) The programme will connect 38 CSIR laboratories with 350 KV schools to begin with. No separate allocation has been earmarked by CSIR for the programme. The expenditures are borne by CSIR laboratories as part of their 'Scientific Social Responsibilities'. The state-wise details of the CSIR laboratories and nearby KV schools are at Annexure-I.
- (d) Navodhaya Vidyalaya Samiti (NVS) schools are also to be engaged for which a process has been initiated.

Annexure -1**State-wise Mapping of CSIR laboratories**

Sl. No	State	CSIR Labs	Name of the KV in the vicinity of CSIR Lab	No of KVs
1	Assam	CSIR-North-East Institute of Science & Technology Jorhat 785006 (Assam)	1. KV ONGC, 2. KV NEIST(RRL), 3. KV AFS	3
2	Chandigarh	CSIR-Central Scientific Instruments Organisation, Sector-30C Chandigarh 160030	1. KV Sector-31 Chandigarh, 2. KV Sector-47 Chandigarh, 3. KV OCF -29 Chandigarh, 4. KV 23BRD Chandigarh, 5. KV No.1 Chandimandir, 6. KV SAS Nagar Mohali, 7. KV Zirakpur Mohali	7
3		CSIR-Institute of Microbial Technology, Sector 30A Chandigarh 160036		
4	Goa	CSIR-National Institute of Oceanography Dona Paula Goa 403004	1. KV No.1 Goa, 2 KV No.2 Vasco, 3. KV INS Mandore, 4. KV Bambolim Camp, 5. KV Ponda	5
5	Gujarat	CSIR-Central Salt & Marine Chemicals Research Institute Gijubhai Badheka Marg Bhavnagar 364002 (Gujarat)	1. KV Bhavnagar para	1
6	Himachal Pradesh	CSIR-Institute of Himalayan Bioresource Technology Post Box No. 6 Palampur 176061 (Himachal Pradesh)	1. KV Palampur	1
7	Jharkhand	CSIR-Central Institute of Mining and Fuel Research Barwa Road Dhanbad 826015 (Jharkhand)	1. KV No.1 Dhanbad, 2. KV No.2 Dhanbad, 3. KV Gomoh	3
8	Jharkhand	CSIR- National Metallurgical Laboratory Jamshedpur – 831007 (Jharkhand)	1. KV Tatanagar, 2. KV Surda	2
9	Karnataka	CSIR-Central Food Technological Research Institute Mysore 570020 (Karnataka)	1. KV Mysore	1
10	Karnataka	CSIR-National Aerospace Laboratories Post Bag No. 1779 Bengaluru 560017 (Karnataka)	1. KV ASC Centre Bengaluru, 2. KV DRDO Bengaluru, 3. KV Hebbal, 4. KV IISC Bengaluru, 5. KV No.1 Bengaluru, 6. KV No.2 Jalahalli, 7. KV MEG Centre, 8. KV MG Railway Colony, 9. KV Malkeshwaram, 10. KV NAL Campus, 11. KV AFS Yelahanka, 12. KV RWF Yelahanka, 13. KV CRPF Yelahanka	13

Sl. No	State	CSIR Labs	Name of the KV in the vicinity of CSIR Lab	No of KVs
11	Kashmir	CSIR-Indian Institute of Integrative Medicine Canal Road Jammu 180001 (Jammu & Kashmir)	1. KV No.1 Jammu, 2. KV No.2 Jammu, 3. KV Bantalab, 4. KV Mirasahid	4
12	Kerala	CSIR-National Institute for Interdisciplinary Science and Technology Industrial Estate PO, Pappanamcode Thiruvananthapuram 695019 (Kerala)	1. KV Pattom, 2. KV Pangode, 3. KV CRPF Campus, 4. AFS Akkulam	4
13	Madhya Pradesh	CSIR-Advanced Materials and Processes Research Institute Hoshangabad Road, Near Habibganj Naka Bhopal 462064 (Madhya Pradesh)	1. KV No.1 Bhopal, 2. KV No.2 Bhopal, 3. KV No.3 Bhopal, 4. KV CRPF Bangrasia, 5. KV Bairagarh	5
14	Maharashtra	CSIR-National Chemical Laboratory Pashan Road Pune 411008 (Maharashtra)	1. KV CME Pune, 2. KV NDA Khandawasala, 3. KV Southern Command, 4. KV Army Area, 5. KV 9BRD AF Pune, 6. KV No.1 Pune, 7. KV No.2 AFS Pune, 8. KV RHE Pune, 9. KV Ganeshkhind	9
15	Maharashtra	CSIR-National Environmental Engineering Research Institute Nehru Marg Nagpur 440020 (Maharashtra)	1. KV Vayusena, 2. KV Ambajhari, 3. KV CRPF Nagpur, 4. KV Ajni, 5. KV Komti	5
16	New Delhi	CSIR-Central Road Research Institute Delhi-Mathura Road, PO CRRI New Delhi 110020	1. KV AGCR Colony, 2. KV Andrews Ganj, 3. KV Babu Garh Cantt, 4. KV Badarpur NTPC, 5. KV Bagpat AFS(Chandi Nagar), 6. KV Dadri NTPC, 7. KV Delhi Cantt No.1 (Sadar Bazar), 8. KV Delhi Cantt No.2 (APS Colony), 9. KV Delhi Cantt No.3 (Naryana), 10. KV Delhi No.4 (Kandhar Lines), 11. KV Gole Market, 12. KV Greater Noida, 13. KV INA Colony, 14. KV JNU New Mehrauli Road, 15. KV Janakpuri, 16. KV Khicharipur, 17. KV Keshavpuram (Lawrance Road), 18. Masjid Moth, 19. KV Murad Nagar, 20. KV NFC Vigyan Vihar, 21. KV Noida, 22. KV Paschim Vihar, 23. KV Pitampura, 24. KV Pragati Vihar, 25. KV Pushp Vihar Saket, 26. KV Rangpuri IAAI, 27. KV R.K Puram Sec-2, 28. KV R.K Puram Sec-4, 29. KV R.K Puram Sec-8, 30. KV Sainik Vihar, 31. KV Shalimar Bagh, 32. KV Tagore garden, 33. KV Tughlakabad AFS, 34. KV Vasant Kunj, 35. KV Vikaspuri	35
17		CSIR-National Institute of Science Communication and Information Resources Dr KS Krishnan Marg New Delhi 110012		
18		CSIR-National Institute of Science, Technology and Development Studies Dr KS Krishnan Marg New Delhi 110012		
19		CSIR-National Physical Laboratory Dr KS Krishnan Marg New Delhi 110012		
20		CSIR-Institute of Genomics and Integrative Biology North Campus, Mall Road Delhi 110007		

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21	Orissa	CSIR-Institute of Minerals & Materials Technology Bhubaneshwar 751013 (Orissa)	1. KV No.1 Bhubneshwar, 2. KV No.2 Bhubneshwar, 3. KV No.3 Bhubneshwar, 4. Kv No.4 Bhubneshwar, 5. KV No.5 Bhubneshwar, 6. KV No.6 Bhubneshwar	6
22	Rajasthan	CSIR-Central Electronics Engineering Research Institute Pilani 333031 (Rajasthan)	1. KV Jhunjunoo, 2. KV Khetri Nagar	2
23	Tamil Nadu	CSIR-Central Electrochemical Research Institute Karaikudi 630006 (Tamil Nadu)	1. KV Karaikudi	1
24	Tamil Nadu	CSIR-Central Leather Research Institute Adyar Chennai 600020 (Tamil Nadu)	1. KV Chennai Hill Nagar, 2. KV MinimLakkam, 3. KV Avadi CRPF, 4. KV Ashok Nagar, 5. KV Anna Nagar, 6. KV AFS Avadi, 7. KV No.1 Tambram (AFS), 8. KV HVS Avadi, 9. KV Islands grounds, 10. KV No.2 Tambram (AFS), 11. KV DGQA Chennai, 12. KV OCF Avadi, 13. KV IIT Campus, 14. KV CLRI	14
25		CSIR-Structural Engineering Research Centre CSIR Campus, TTTI Taramani Post Bag No. 8287 Chennai 600113 (Tamil Nadu)		
26	Telegana	CSIR-Centre for Cellular and Molecular Biology Uppal Road Hyderabad 500007	1. KV No.1 AFS, 2. KV Bolara, 3. KV CRPF Hyderabad, 4. KV No.1 Golkonda , 5. KV No.2 Golkonda, 6. KV Kancharbagh, 7.KV Tirumul Gherry, 8. KV No.1 Uppal , 9. KV No.2 Uppal, 10. KV AFS Begumpet, 11. KV AFS Hakimpet, 12. KV NPA Shiverampalli, 13. KV NO.2 AFS Hyderabad, 14. KV Gachibowli, 15. KV Bowenpally, 16. KV Picket, 17. KV OF Eddumailaram, 18. KV NFC Nagar, 19. KV VOH Gachibowli	19
27		CSIR-Indian Institute of Chemical Technology Uppad Road Hyderabad 500607		
28		CSIR-National Geophysical Research Institute Uppal Road, Hyderabad 500007		
29	Uttar Pradesh	CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension Sitapur Road Lucknow 226031 (Uttar Pradesh)	1. KV Lucknow Cantt, 2. KV Lucknow AFS, 3. KV Memaura, 4. KV Aliganj Lucknow, 5. KV BKJ Lucknow, 6. KV CRPF Bijnaur, 7. KV Gomti Nagar, 8. KV IIM Lucknow, 9. KV RDSO Lucknow, 10. KV SGPGI, 11. KV AME Lucknow	11
30		CSIR-Central Institute of Medicinal and Aromatic Plants PO CIMAP, Near Kukrail Picnic Spot Lucknow 226015 (Uttar Pradesh)		
31		CSIR-Indian Institute of Toxicology Research Mahatma Gandhi Marg, Post Box No. 80 Lucknow 226001 (Uttar Pradesh)		

Sl. No	State	CSIR Labs	Name of the KV in the vicinity of CSIR Lab	No of KVs
32		CSIR-National Botanical Research Institute Rana Pratap Marg, PB No. 436 Lucknow 226001 (Uttar Pradesh)		
33	Uttarakhand	CSIR-Central Building Research Institute Roorkee 247667 (Uttarakhand)	1. KV No.1 Roorkee, 2. KV No.2 Roorkee	2
34	Uttarakhand	CSIR-Indian Institute of Petroleum IIP, Mohkampur Dehradun 248005 (Uttarakhand)	1. KV FRI, 2. KV ONGC, 3. KV No.2 Survey of India, 4. KV Cantt Dehradun, 5. KV Hathibarkal, 6. KV Beepur, 7. KV OLF, 8. KV IMA, 9. KV IIP Mohkampur, 10. KV Upper camp, 11. KV No.1 Hathibarkala	11
35	West Bengal	CSIR-Central Glass & Ceramic Research Institute 196, Raja SC Mullick Road Kolkata 700032 (West Bengal)	1. KV Ballygauj, 2. KV No.1 Icchapur, 3. KV No.2 Icchapur, 4. KV Kamkinara, 5. KV NO.1 Saltlake, 6. KV No.2 Salt Lake, 7. KV Santragachi, 8. KV AFS Barrackpore, 9. KV Army, 10. KV Fort William, 11. KV No.1 Kachrapara, 12. KV No.2 Kachrapara, 13. KV OF Dumdum, 14. KV Garden Reach, 15. KV IIM Jhoka, 16. KV Bamangachi, 17. Command Hospital, 18. KV Cashipore	18
36		CSIR-Indian Institute of Chemical Biology 4, Raja SC Mullick Road, Jadavpur Kolkata 700032 (West Bengal)		
37	West Bengal	CSIR-Central Mechanical Engineering Research Institute Mahatma Gandhi Avenue Durgapur 713209 (West Bengal)	1. KV CRPF Durgapur, 2. KV CMERI Durgapur	2
