

**GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE AND TECHNOLOGY  
DEPARTMENT OF SCIENCE AND TECHNOLOGY  
LOK SABHA  
UNSTARRED QUESTION NO.1009  
TO BE ANSWERED ON 2/03/2016**

**FUNDS ALLOCATED FOR RESEARCH IN SCIENCE**

**1009. SHRI DALPAT SINGH PARASTE:  
SHRI R. DHRUVA NARAYANA:**

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

- (a) the total amount and percentage of the GDP that has been allotted and released for research in science in the last three years, including the names of the institutions;
- (b) whether any complaints from these institutions and scientists about the fund being inadequate have been received and if so, the details thereof;
- (c) whether the Government has directed the Council for Scientific and Industrial Research to generate half of its funds and if so, the details thereof and the reasons therefor; and
- (d) whether the Government has any proposals for reduction of funds for all Government funded research institutes, particularly in the field of science and insist on self-financing, if so, the details thereof including the adverse effect likely on the health sector and Government service schemes like Swachhh Bharat, Make in India, Smart Cities, Namami Ganga, etc.?

**ANSWER**

**MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTER OF STATE IN  
THE MINISTRY OF EARTH SCIENCES  
(SHRI.Y. S. CHOWDARY)**

विज्ञान और प्रौद्योगिकी मंत्रालय में राज्य मंत्री और पृथ्वी विज्ञान मंत्रालय में राज्य मंत्री  
(श्री वाई. एस. चौधरी)

(a) Madam, as per the latest statistics on National Expenditure on Research and Development during the period 2009-10 to 2011-12, published in December, 2013, National Expenditure on R&D in relation to GDP are as follows :

Year	Amount (Rupees in Crores)	R&D as percentage of GDP
2009-10	53041.30	0.87
2010-11	62053.47	0.87
2011-12	72620.44	0.88

The details of funds released to 69 research and development institutions functioning under the Ministry of Science and Technology during the last three years are given at Annexure.

(b) No, Madam.

(c) The Government has not issued any instruction to the institutes involved in scientific research, including Council of Scientific and Industrial Research, to mobilize financial resources themselves. In the Directors' Conference of CSIR Laboratories held at Dehradun in June 2015, it was resolved to attempt for self-financing of laboratories as the ultimate dream. This has been a long-time ideal for the institutions under the Ministry of Science and Technology. In fact, institutions under the Ministry of Science and Technology which specialize in basic research have been securing extramural competitive project funding from government and non-government sources. And, those institutions which have applied research portfolio and which carry out technology development activities have been raising resources through technology transfer, patent licensing, contract R&D activities, consultancy and high-end knowledge-based services.

(d) The Government has no proposal for reduction of funds for all Government funded research institutes. The Government fully appreciates the importance of fundamental basic research in building the knowledge-base and scientific manpower-base of the country, as well as its importance as the fountain-head of technologies. The Government encourages all institutions to maintain their international competitive edge in basic research and further improve upon it. At the same time, the Government has been urging and encouraging researchers to also carry out applied and translational work so that the country also becomes competitive in the commercial space of knowledge-intensive and technology-intensive products and services.

**ANNEXURE REFERRED TO IN REPLY TO PART (a) OF LOK SABHA UNSTARRED QUESTION  
No.1009 FOR REPLY ON 02/03/2016**

S.No	Name of the Institution	Amount in Lakhs		
		Funds released during 2012-13	Funds released during 2013-14	Funds released during 2014-15
(1)	(2)	(3)	(4)	(5)
1	Agharkar Research Institute, Pune	1450.00	1206.90	1384.88
2	Aryabhata Research Institute for Observational Sciences, Nainital	2260.00	2300.00	2573.67
3	Birbal Sahni Institute of Palaeobotany, Lucknow	2127.62	2648.25	2767.70
4	Bose Institute, Kolkata	5440.00	5904.45	5596.58
5	Centre for Soft Matter Research, Bangalore	564.02	375.37	511.67
6	Indian Association for the Cultivation of Science, Kolkata	5728.78	5828.93	6022.80
7	Indian Institute of Astrophysics, Bangalore	4804.07	4858.15	5072.98
8	Indian Institute of Geomagnetism, Navi Mumbai	2481.00	2515.80	2575.00
9	Institute of Advanced Study in Science & Technology, Guwahati	1538.50	1596.00	1696.24
10	International Advanced Research Centre for Powder Metallurgy and New Materials, Hyderabad	4901.00	4778.44	4364.07
11	Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore	4902.00	5500.00	5320.97
12	Raman Research Institute, Bangalore	2936.07	3299.75	3216.93
13	S.N. Bose National Centre for Basic Sciences, Kolkata	2972.57	2916.83	2748.99
14	Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram	8733.00	9106.98	9068.38
15	Wadia Institute of Himalayan Geology, Dehradun	2000.00	3103.89	2875.33
16	Institute of Nano Science & Technology, Mohali	0.00	450.00	644.80
17	National Institute of Immunology, New Delhi	5300.00	4715.00	4827.00
18	National Centre for Cell Science, Pune	2870.00	2600.00	2936.00
19	Centre for DNA Finger Printing and Diagnostics, Hyderabad	4000.00	3399.98	4315.66
20	National Brain Research Centre, Gurgaon	5092.90	50.00	2200.00
21	National Institute for Plant Genome Research, New Delhi	2700.00	2300.00	2611.00
22	Institute of Bioresources and Sustainable Development, Imphal	1814.12	2109.06	1278.27
23	Institute of Life Sciences, Bhubaneswar	2899.95	2210.00	3549.19277
24	Translational Health Science & Technology Institute, Faridabad	3280.00	3700.00	2056.58

(1)	(2)	(3)	(4)	(5)
25	Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram	2490.00	2350.00	3335.00
26	National Institute of Biomedical Genomics, Kalyani, West Bengal	3595.00	4200.00	2590.42
27	UNESCO Regional Centre for Education and Training, Faridabad	3505.00	4140.00	4100.00
28	National Agri-Food Biotechnology Institute & Bioprocessing Unit, Mohali	2449.95	2010.00	2740.00
29	Institute for Stem Cell Research and Regenerative Medicine, Bangalore	3377.00	5500.00	5260.00
30	National Institute of Animal Biotechnology, Hyderabad	1500.00	1800.00	1950.00
31	International Centre for Genetic Engineering & Biotechnology	1300.00	1300.00	2100.00
32	Centre of Innovative and Applied Bioprocessing, Mohali	0.00	700.00	1425.00
33	Advanced Materials & Process Research Institute, Bhopal	1833.90	1878.10	2025.80
34	Central Building Research Institute, Roorkee	4259.30	3943.70	4569.50
35	Central Drug Research Institute, Lucknow	11735.80	13412.60	17978.90
36	Central Electrochemical Research Institute, Karaikudi	6675.60	8318.40	9053.40
37	Central Electronics Engineering Research Institute, Pilani	5787.90	7594.90	7220.00
38	Central Food Technological Research Institute, Mysore	7479.40	9243.30	9264.60
39	Central Glass & Ceramic Research Institute, Kolkata	8489.50	9504.20	8631.30
40	Central Institute of Medicinal and Aromatic Plants, Lucknow	5073.30	4701.90	6095.40
41	Central Institute of Mining & Fuel Research, Dhanbad	9334.70	5518.60	8391.70
42	Central Leather Research Institute, Chennai	6581.80	8110.80	8139.00
43	Central Mechanical Engineering Research Institute, Durgapur	7331.30	7863.40	8376.40
44	Central Road Research Institute, New Delhi	4503.60	4529.00	5060.00
45	Central Salt & Marine Chemicals Research Institute, Bhavnagar	5223.10	5070.40	5916.40
46	Central Scientific Instruments Organisation, Chandigarh	5590.40	6896.80	8186.90
47	Centre for Cellular & Molecular Biology, Hyderabad	8593.00	10379.10	10157.90
48	Central Scientific & Industrial Research, Madras Complex	954.60	1033.90	1197.70
49	Human Resource Development Centre, Ghaziabad	113.20	1129.20	1178.10
50	Indian Institute of Integrative Medicine, Jammu	6617.10	8290.70	7534.90
51	Indian Institute of Chemical Biology, Kolkata	7542.50	9604.80	8437.90
52	Indian Institute of Chemical Technology, Hyderabad	14468.70	16583.50	17352.00
53	Indian Institute of Petroleum, Dehradun	5877.70	6047.20	6638.80
54	Indian Institute of Toxicology Research, Lucknow	4012.90	4227.80	4628.30

<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>
<b>55</b>	<b>Institute of Genomics &amp; Integrative Biology, Delhi</b>	<b>8847.10</b>	<b>9054.70</b>	<b>6984.50</b>
<b>56</b>	<b>Institute of Himalayan Bioresource Technology, Palampur</b>	<b>2893.10</b>	<b>3380.30</b>	<b>3936.60</b>
<b>57</b>	<b>Institute of Microbial Technology, Chandigarh</b>	<b>4618.60</b>	<b>5062.60</b>	<b>6279.20</b>
<b>58</b>	<b>Institute of Minerals &amp; Materials Technology, Bhubaneswar</b>	<b>5039.60</b>	<b>5528.80</b>	<b>4980.70</b>
<b>59</b>	<b>National Aerospace Laboratories, Bangalore</b>	<b>20843.20</b>	<b>19122.40</b>	<b>20198.40</b>
<b>60</b>	<b>National Botanical Research Institute, Lucknow</b>	<b>5951.60</b>	<b>6742.20</b>	<b>7955.60</b>
<b>61</b>	<b>National Chemical Laboratory, Pune</b>	<b>15160.90</b>	<b>16083.50</b>	<b>16457.80</b>
<b>62</b>	<b>National Environment Engineering Research Institute, Nagpur</b>	<b>5243.30</b>	<b>3455.10</b>	<b>4775.10</b>
<b>63</b>	<b>National Geophysical Research Institute, Hyderabad</b>	<b>8530.80</b>	<b>8383.30</b>	<b>9162.00</b>
<b>64</b>	<b>National Institute of Interdisciplinary Science and Technology, Thiruvananthapuram</b>	<b>5087.90</b>	<b>5727.50</b>	<b>5917.80</b>
<b>65</b>	<b>National Institute of Oceanography, Dona Paula</b>	<b>14764.80</b>	<b>13188.20</b>	<b>10818.00</b>
<b>66</b>	<b>National Metallurgical Laboratory, Jamshedpur</b>	<b>6048.00</b>	<b>6099.30</b>	<b>5870.40</b>
<b>67</b>	<b>National Physical Laboratory, New Delhi</b>	<b>13210.20</b>	<b>15541.70</b>	<b>11652.80</b>
<b>68</b>	<b>North East Institute of Science &amp; Technology, Jorhat</b>	<b>5569.20</b>	<b>6556.20</b>	<b>8103.10</b>
<b>69</b>	<b>Structural Engineering Research Centre, Chennai</b>	<b>4663.70</b>	<b>5826.80</b>	<b>4754.50</b>

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