

GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE AND TECHNOLOGY  
DEPARTMENT OF SCIENCE AND TECHNOLOGY  
**RAJYA SABHA**  
**STARRED QUESTION NO.361**  
TO BE ANSWERED ON 19/12/2011

**DEVELOPMENT OF SCIENCE AND TECHNOLOGY IN UTTAR PRADESH**

\*361. SHRI MOHAMMED ADEEB:

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

- (a) the details of the steps taken for proper development of science and technology in Uttar Pradesh;
- (b) the allocations made and expenditure incurred thereon during the last three years and the current year;
- (c) the details of science and technology institutions functioning in the State; and
- (d) what is their intake capacity?

**ANSWER**

MINISTER OF SCIENCE AND TECHNOLOGY AND MINISTER OF EARTH SCIENCES  
(VILASRAO DESHMUKH)

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

**STATEMENT AS REFERRED IN REPLY TO PART (a) to (d) OF RAJYA SABHA STARRED QUESTION NO. 361 FOR 19.12.2011 REGARDING "DEVELOPMENT OF SCIENCE AND TECHNOLOGY IN UTTAR PRADESH"**

(a) Development of Science & Technology in the State of Uttar Pradesh is accorded high priority by the Government of India. Although, the Ministry of Science & Technology does not make statewise budget allocation as per the business rules, several steps have been taken to provide the development of Science & Technology in the states by providing scholarships to school children, establishing R&D institutes and supporting infrastructure development in academic institutions, S&T Parks etc. Such details are presented here:

- Establishing educational institutions like Indian Institute of Technology (IIT) Kanpur; Indian Institute of Information Technology (IIIT), Allahabad; Banaras Hindu University (BHU), Varanasi; Aligarh Muslim University (AMU), Aligarh etc.
- National laboratories of CSIR - Central Drug Research Institute (CDRI), Lucknow; Central Institute of Medicinal & Aromatic Plants (CIMAP), Lucknow; Indian Institute of Toxicology Research (IITR), Lucknow; National Botanical Research Institute (NBRI), Lucknow;
- Aided institution of Department of Science & Technology (DST) - Birbal Sahni Institute of Paleo Botany (BSIP), Lucknow.
- Implementation of a number of Plan schemes like State Science & Technology Programme (SSTP); Innovation in Science Pursuit for Inspired Research (INSPIRE) through which IIIT, Allahabad is being supported for students meet Nobel Prize winners annually; Fund for Improvement of S&T Infrastructure in Higher Educational Institutions (FIST); Research & Development Support Scheme etc. of Department of Science & Technology.
- Establishing Biotech Parks; Centers of Excellence and Programme support in Areas of Biotechnology etc. of Department of Biotechnology

(b) The Ministry of Science & Technology has invested for the national laboratories and the aided institutions and through other Plan schemes substantial resources for the development of Science & Technology in Uttar Pradesh. The details are given below:

(Rs. in crores)

Organisation	2008-09	2009-10	2010-11	2011-12	Total
Five National Laboratories of Council of Scientific & Industrial Research (CSIR)	242.56	299.66	358.89	260.92	1162.03
One Aided Institution of DST	11.23	19.00	18.50	13.88	62.61
Various Schemes of Department of Science & Technology (DST)					
INSPIRE covering 60876 beneficiaries	2.15	15.39	8.64	31.41	57.59
SERC Programmes					123.29*
State Science & Technology Programme	1.01	0.81	1.39	2.32	5.53
<b>Total</b>	<b>256.95</b>	<b>334.86</b>	<b>387.42</b>	<b>308.53</b>	<b>1411.05</b>

\* For all the four years.

(c) The details of science and technology institutions functioning in the State of Uttar Pradesh are annexed.

(d) With regard to the intake capacity of the State of Uttar Pradesh in various central schemes & programmes of Ministry of Science & Technology has been encouraging. During the period of last three years and the current year, a sum of Rs.1411.05 crores has been invested on the above institutes/programmes. Under INSPIRE programme alone, 60876 rewards, internships, scholarships, fellowships have been provided to Uttar Pradesh.

**ANNEXURE AS REFERRED IN PART (c) OF RAJYA SABHA STARRED QUESTION NO.361 TO BE ANSWERED ON 19.12.2011.**

**DETAILS OF SCIENCE AND TECHNOLOGY INSTITUTIONS FUNCTIONING IN THE STATE#**

**Central Govt. Institutions**

1. Aerial Delivery Research & Development Establishment, Agra
2. Birbal Sahni Institute of Palaeobotany, Lucknow
3. Central Avian Research Institute, Bareilly
4. Central Cattle Breeding Farm Kheri, Lakhimpur Kheri
5. Central Drug Research Institute, Lucknow
6. Central Institute for Research on Goats, Mathura
7. Central Institute of Medicinal and Aromatic Plants, Lucknow
8. Central Institute of Sub-Tropical Horticulture, Lucknow
9. Central Pulp & Paper Research Institute, Saharanpur
10. Central Research Institute (Ay), Lucknow
11. Central Research Institute of Unani Medicine, Lucknow
12. Centre for Development of Advanced Computing, Noida
13. Chemical Research Unit Aligarh, Unani Medicine, Aligarh
14. Clinical Research Unit Allahabad, Unani Medical College, Allahabad
15. Clinical Research Unit, Meerut
16. Clinical Verification Unit for Homeopathy Mathura
17. Clinical Verification Unit for Homeopathy, Ghaziabad
18. Defence Material & Stores Research & Development Establishment, Kanpur
19. Directorate of Seed Research, Kaithauli
20. Directorate of Sugarcane Development, Lucknow
21. Directorate of Wheat Development, Gaziabad
22. Pharmacopoeial Laboratory of Indian medicine, Ghaziabad
23. Harish Chandra Research Institute, Allahabad
24. Homeopathy Drug Research Institute (H), Lucknow
25. Indian Grain storage Management & Research Institute, Hapur
26. Indian Grassland & Fodder Research Institute, Jhansi
27. Indian Institute of Pulses Research , Kalyanpur, Kanpur
28. Indian Institute of Sugarcane Research, Post Dilkusha, Lucknow
29. Indian Institute of Vegetable Research, Varanasi
30. Indian Veterinary Research Institute, Izatnagar
31. Indian Institute of Toxicology Research, Lucknow
32. National Academy of Sciences, India, Allahabad
33. Institute of Cytology and Preventive Oncology, Noida
34. National Botanical Research Institute, Lucknow
35. National Bureau of Agricultural important Microorganisms, Maunath Bhanjan
36. National Bureau of Fish Genetic Resource, Lucknow
37. National Centre for Medium Range Weather Forecasting, Noida
38. National Institute for Entrepreneurship & Small Business Development, Noida
39. National Jalma Institute for Leprosy & other Mycobacterial Diseases, Agra
40. National Research Centre for Agroforestry, Jhansi

41. National Research Laboratory for Conservation of Cultural Property, Lucknow
42. National Sugar Institute, Kanpur
43. Northern India Textile Research Association, Ghaziabad
44. Power Management Institute, Noida
45. Project Directorate for Cropping Systems Research, Meerut
46. Project Directorate on Cattle, Meerut Cantoment
47. Regional Research Institute (Ay) Jhansi,
48. Regional Research Institute of Unani Medicine, Aligarh,
49. Vigyan Prasar, Noida

**State Government institutions including public sector:**

1. Agricultural Experimental Station , Kanpur
2. Agricultural Research Station , Nagina
3. Agro-Economic Research Station , Allahabad
4. Animal Husbandry Directorate of UP, Distt. Lucknow
5. C. Shekhar Azad University of Agriculture & Technology, Kanpur
6. Council of Science & Technology Uttar Pradesh, Lucknow
7. Crop Research Station Faizabad, Masodha Faizabad
8. Crop Research Station , Basuli, Gorakhpur
9. Crop Research Station, Tissuhi, Mirzapur
10. Directorate of Environment, Lucknow
11. Direcotrate of Geology & Mining, Lucknow
12. Directorate of Medical Education & Research, Lucknow
13. District Dairy Demonstration Farm, Mathura
14. Electricity Research Institute, Lucknow
15. Fisheries Directorate of UP, Lucknow
16. Forensic Science Laboratory, Lucknow
17. Government Fruit Preservation and Canning Institute, Lucknow
18. Horticultural Experiment & Training Centre, Basti
19. Horticultral Experiment & Training Centre, Saharanpur
20. Krishi Vigyan Kendra, Raebareli
21. Live Stock Research Station, Mathura
22. Main Agricultural Experimental Station, Faizabad
23. Narendra Deva University of Agriculture and Technology, Faizabad
24. Non Conventional Energy Development, Lucknow
25. PWD Research Institute, Lucknow
26. Regional Agricultural Testing and Demonstration Station, Hardoi
27. Regional Research Station, Aligarh
28. Regional Research Station, Banda
29. Regional Research Station Kanpur Nagar
30. Regional Research Station, Firozabad
31. Regional Research Station, Jhansi
32. Regional Research Station, Kaushambi
33. Regional Research Station, Mainpuri
34. Regional Research Station, Mathura

35. Regional Research Station, Mohoba
36. Remote Sensing Application Centre, Lucknow
37. Research Farm Nawabganj, Kanpur
38. Sardar Vallabh Bhai Patel University of Agriculture & Technology, Faizabad
39. Sugarcane Research Station, Muzaffarnagar
40. UP Council of Sugarcane Research, Shahjehanpur
41. UP Fisheries Department, Lucknow
42. UP Institute of Agricultural Science, Kanpur
43. UP Pandit Deen Dayal Upadhyay Pashu Chikitsa Vigyan Vishwa Vidyalaya, Mathura
44. Uttar Pradesh Pollution Control Board, Lucknow
45. Vegetable Research Station, Kalyanpur, Kanpur
46. Pradeshik Cooperative Dairy Federation Ltd., Lucknow
47. Uptron Powertronics Ltd., Ghaziabad

#### **UNIVERSITIES/DEEMED UNIVERSITIES/ INSTITUTES OF NATIONAL IMPORTANCE**

1. Aligarh Muslim University, Aligarh
2. Amity University, Noida
3. Babasaheb Bhimrao Ambedkar University, Lucknow
4. Banaras Hindu University, Varanasi
5. Bundelkhand University, Jhansi
6. Ch. Charan Singh University, Meerut
7. Chhatrapati Shahu Ji Maharaj University, Kanpur
8. Chhatrapati Shahuji Maharaj Medical University, Lucknow
9. Dayalbagh Educational Institute, Agra
10. Deendayal Upadhyaya Gorakhpur University, Gorakhpur
11. Dr. Bhim Rao Ambedkar University, Agra
12. Dr. Ram Manohar Lohia Avadh University, Faizabad
13. Indian Institute of Information Technology, Allahabad
14. Indian Institute of Technology Kanpur, Kanpur
15. Integral University, Lucknow
16. Jaypee Institute of Information Technology, Noida
17. King George's Medical University, Lucknow
18. M.J.P. Rohilkhand University, Bareilly
19. Mahatma Gandhi Kashi Vidyapeeth, Varanasi
20. Motilal Nehru National Institute of Technology, Allahabad
21. Sam Higginbottom Institute of Agriculture Technology & Sciences, Allahabad
22. Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow
23. Shobhit Institute of Engineering and Technology, Meerut
24. U.P.Rajrashi Tandon Open University, Allahabad
25. University of Allahabad, Allahabad
26. University of Lucknow, Lucknow
27. Uttar Pradesh Technical University, Lucknow
28. V B S Purvanchal University, Jaunpur

**SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATIONS (SIROS)  
RECOGNIZED BY DEPARTMENT OF SCIENTIFIC & INDUSTRIAL RESEARCH  
(DSIR)**

1. Associated Electronics Research Foundation, Noida
2. Biotech Park, Lucknow
3. Bioved Research Society, Allahabad
4. Centre for the Development of Glass Industry, Firozabad
5. Dabur Research Foundation, Ghaziabad
6. Footwear Design & Development Institute, Noida
7. G B Pant Samajik Vigyan Sansthan, Allahabad
8. Giri Institute of Development Studies, Lucknow
9. Jnana-Pravaha, Varanasi
10. Kamala Nehru Memorial Hospital, Allahabad
11. Oil Technologists Association of India, Kanpur
12. Parshvanath Vidyapeeth, Varanasi
13. Sah Industrial Research Institute, Varanasi
14. Society for the Advancement of Environmental Sciences, Lucknow
15. Srisol Research Foundation, Noida
16. Sur Smarak Mandal, Agra
17. The National Academy of Sciences India, Allahabad
18. Uttar Pradesh Krishi Anusandhan Parishad, Lucknow
19. Utthan-Centre for Sustainable Development & Poverty Alleviation, Allahabad
20. Vijnana Parishad, Allahabad
21. Viklang Kendra Rural Research Society, Allahabad

**DSIR REGISTERED PRIVATE SECTOR IN-HOUSE R&D UNITS**

1. Allied Nippon Ltd., Sahibabad, Ghaziabad
2. Applied Electro- Magnetic Pvt. Ltd., Noida
3. Autometers Alliance Ltd., Noida
4. Controls & Switchgear Co Ltd., Ghaziabad
5. Coral Telecom Ltd., Noida
6. Darbari Industries, Allahabad
7. Dass Hitachi Ltd., Ghaziabad
8. Daurala Sugar Works, Meerut
9. Dhampur Sugar Mills Ltd., Dhampur
10. Elin Electronics Ltd., Ghaziabad
11. Encardio-Rite Electronics Pvt Ltd., Lucknow
12. FCL Technologies & Products Ltd., Noida
13. Havells India Ltd., Noida
14. India Pesticides Ltd., Lucknow
15. Indian Herbs Research & Supply, Saharanpur
16. Indian Toners & Developers Ltd, Kanpur
17. Jubilant Organosys Ltd (Phoolay Nagpur UP), Noida
18. Jubilant Organosys Ltd (R&D Mysore), Noida
19. Jubilant Organosys Ltd (R&D Noida), Noida

20. Jubilant Organosys Ltd (Tal.Baroda), Noida
21. Kesar Enterprises Ltd., Bareilly
22. Kritikal Securescan Pvt. Ltd., Noida
23. L G Electronics India Ltd., Greater Noida
24. Logic Eastern India Pvt. Ltd., Noida
25. Lohia Starlinger Ltd., Kanpur
26. Maharishi Ayurveda Products, Noida
27. Micromatic Grinding Technologies Ltd., Ghazbaiaad
28. Modi Industries Ltd., Modinagar, Ghaziabad
29. Modipon Ltd., Modi Nagar, Ghaziabad
30. P E P Infotech Pvt Ltd., Meerut
31. P T C Industries Ltd., Lucknow
32. Pasupati Acrylon Ltd., Moradabad
33. Prima Telecom Ltd., Noida
34. Sanat Products Ltd., Sikanderabad
35. Star Paper Mills Ltd., Salaranpur
36. Sumit Chemicals Pvt. Ltd., Kanpur
37. Surya Pharmaceutical (R&D Chandauli), Varanasi
38. TTL Limited, Noida
39. Tulsi Ayurvedic Products & Research Pvt Ltd., Bhadohi
40. Varanasi Bio-Research Pvt. Ltd., Varanasi
41. Varuna Biocell Pvt.Ltd., Varanasi

# Source: Directory of R&D Institutions 2010 published by NSTMIS Division, Department of Science & Technology, New Delhi.

\*\*\*\*\*