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## (A) DEPARTMENT OF AGRICULTURAL RESEARCH AND EDUCATION

### APPENDIX I

#### THE GOVERNMENT OF INDIA (ALLOCATION OF BUSINESS) RULES THE SECOND SCHEDULE (RULE 3)

- (A) **Distribution of Subjects in the Department (*Vibhag*),  
Ministry of Agriculture (*Krishi Mantralaya*)**
- (B) **Department of Agricultural Research and Education  
(*Krishi Anusandhan aur Shiksha Vibhag*)**

#### Part I

The following subjects which fall within List I of the Seventh Schedule of the Constitution of India.

1. International co-operation in the field of agricultural research and education including relations with foreign and international agricultural research and educational institutions and organizations, including participation in international conferences, associations and other bodies dealing with agricultural research and education and follow-up of decisions at such international conferences, etc.
2. Fundamental, applied and operational research and higher education including co-ordination of such research and higher education in agriculture including agroforestry, animal husbandry, dairying and fisheries, including agricultural statistics, economics and marketing.
3. Co-ordination and determination of standards in institutions for higher education or research and scientific and technical institutions insofar as it relates to food and agriculture including animal husbandry, dairying and fisheries.
4. Cesses for financing to the Indian Council of Agricultural Research, and the commodity research programmes other than those relating to tea, coffee and rubber.
5. Sugarcane research.

#### Part II

For Union Territories the subjects mentioned in Part I above so far as they exist in regard to these territories and in addition the following subject which falls within List II of the Seventh Schedule of the Constitution of India.

6. Agricultural Education and Research.

#### Part III

General and consequential:

7. All matters relating to foreign aid received from foreign countries and International Organizations insofar as agricultural research and education and allied subjects are concerned, including all matters relating to assistance afforded by India to foreign countries in the field of agricultural research and education and allied subjects.
8. Plant introduction and exploration.
9. All-India Soil and Land-Use Survey relating to research, training, correlation, classification, soil mapping and interpretation.
10. Financial assistance to state governments and agricultural universities in respect of agricultural research and educational schemes and programmes.
11. National Demonstrations.
12. Indian Council of Agricultural Research and its constituent research institutes, stations, laboratories and centres.
13. Offences against laws with respect to any of the subjects allotted to this department.
14. Enquiries and statistics for the purpose of any of the subjects allotted to this department.
15. Fees in respect of any of the subjects allotted to this department except fees taken in a court.



**APPENDIX II**

**Total Number of Posts and Names of Important Functionaries**

Group	Designation	Scale of pay (in rupees)	Santioned strength
A	Secretary	26,000 (Fixed)	1
A	Additional Secretary (DARE)/Secretary, ICAR	22,400 – 24,500	1
A	Financial Adviser and Additional Secretary	22,400 – 24,500	1
A	Director	14,300 – 18,300	1
A	Deputy Secretary	12,000 – 16,500	1
A	Senior Principal Private Secretary	12,000 – 16,500	1
A	Under Secretary	10,000 – 15,200	7
A	Principal Private Secretary	10,000 – 15,200	2
B	Assistant Director (Official Language)	7,500 – 12,000	1
B	Private Secretary	6,500 – 10,500	1
B	Section Officer	6,500 – 10,500	4
B	Assistant	6,500 – 10,500	4
B	Personal Assistant	6,500 – 10,500	4
C	Junior Hindi Translator	5,500 – 9,000	1
C	UDC-cum-Cashier	4,000 – 6,000	1
C	UDC	4,000 – 6,000	2
C	Steno Grade 'D'	4,000 – 6,000	7
C	UDC-Hindi Typist	4,000 – 6,000	1
C	Staff Car Driver	4,000 – 6,000	1
C	LDC	3,050 – 4,590	2
D	Daftry	2,610 – 4,000	1
D	Peon	2,550 – 3,200	5
<b>Total</b>			<b>50</b>

**Names of the Important Functionaries**

S.No.	Name	Designations
1.	Dr Mangala Rai	Secretary, DARE and DG, ICAR
2.	Mr A K Upadhyay	Additional Secretary, DARE and Secretary, ICAR
3.	Dr Rita Sharma	Additional Secretary/Financial Adviser, DARE/ICAR
4.	Mr Rajiv Kumar Jain	Director
5.	Mr P R Meena	Joint Director
6.	Mr Ram Avtar	Deputy Secretary
7.	Mr J N Banati	Senior Principal Private Secretary
8.	Mr M S Nayar	Under-Secretary
9.	Mr Rakesh Sharma	Under-Secretary
10.	Mr Roopak Chaudhuri	Under-Secretary
11.	Ms Alka Ahuja	Under-Secretary
12.	Ms Sumita Dasgupta	Under-Secretary
13.	Mr Madan Lal	Under-Secretary
14.	Mr D K Chhatwal	Under-Secretary
15.	Ms Geeta Nair	Principal Private Secretary



### APPENDIX III

#### ACTIVITY PROGRAMME CLASSIFICATION

The Budget Estimates (BE) and Revised Estimates (RE) of DARE and ICAR (Plan, Non-Plan) for 2006–2007 are Rs 2160.00 crores and Rs 2276.00 crores respectively and BE for 2007–2008 (Plan and Non-Plan) is Rs 2460 crores. The detailed break-up of these financial figures are given below in Tables 1 and 2.

Department of Agricultural Research and Education (DARE): The details in respect of BE and RE for 2006–2007 and BE for 2007–2008 are given in Table 1. This excludes the payment to the ICAR.

**Table 1 Budget estimates and revised estimates of DARE**

(Rupees in lakhs)

Item	Budget Estimates 2005–2006		Revised Estimates 2005–2006		Budget Estimates 2006–2007	
	Plan	Non-Plan	Plan	Non-Plan	Plan	Non-Plan
Major Head '3451' 090 Secretariat	–	155	–	155	–	155
Major Head '2415'	–	–	–	–	–	–
80 -General International Co-operation						
(010032) -India's membership contribution to Commonwealth Agricultural Bureau	–	10	–	10	–	10
(020032) -India's membership contribution to Consultative Group on International Agricultural Research	–	375	–	375	–	380
(030032) -Other Programmes	*4550	–	650	–	950	–
(040032) -India's contribution to Asia Pacific Association of Agricultural Institutions	–	5	–	5	–	5
(050032) -India's contribution to NACA	–	12	–	12	–	12
(060032) -India's contribution to CGPRT	–	5	–	5	–	5
(070032) -India's contribution to Seed Seed Testing Association	–	2.25	–	2.25	–	2.25
(080032) -ISHS Belgium	–	0.75	–	0.75	–	0.75

\*Includes Rs 8 crore for National Fund for basic and strategic research in agriculture



**Table 2 Details of Financial Outlay**

**Demand No. 2. Department of Agricultural Research and Education**

(Rupees in crores)

	Major Head	2006-2007 Budget			2006-2007 Revised			2007-2008 Budget		
		Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total
<b>A. Budget Allocation, net of recoveries</b>										
Revenue		1350.00	810.00	2160.00	1430.00	876.00	2276.00	1620.00	840.00	2460.00
Capital		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total</b>		<b>1350.00</b>	<b>810.00</b>	<b>2160.00</b>	<b>1430.00</b>	<b>846.00</b>	<b>2276.00</b>	<b>1620.00</b>	<b>840.00</b>	<b>2460.00</b>
1. Secretariat - Economic Service Agricultural Research and Education Payments to ICAR	3451	0.00	1.55	1.55	0.00	1.55	1.55	0.00	1.65	1.65
2. Crop Husbandry										
2.1 Payments of net proceeds of cess under Agricultural Produce Cess Act, 1940	2415	0.00	40.00	40.00	0.00	40.00	40.00	0.00	40.00	40.00
2.2 Other Programmes of Crop Husbandry										
2.2.01 Crop Sciences	2415	312.00	194.00	506.00	300.00	205.69	505.69	303.00	202.50	505.50
2.2.02 Horticulture	2415	69.00	71.20	140.20	62.27	77.01	139.28	68.00	73.70	141.70
2.2.03 Agricultural Extension	2415	245.00	0.80	245.80	263.16	0.83	263.99	246.00	0.85	246.55
2.2.04 Agricultural Education	2415	196.00	5.25	201.25	426.00	5.34	431.34	290.00	5.45	295.45
2.2.05 Economics, Statistics and Management	2415	4.00	12.60	16.60	3.50	12.85	16.35	4.00	12.95	16.95
2.2.06 Agricultural Engg.	2415	40.00	23.90	63.90	37.00	25.18	62.18	40.00	24.80	44.80
2.2.07 ICAR Hq Admn. including ASRB and DIPA	2415	30.00	194.25	224.25	22.50	194.84	217.34	42.50	202.80	245.30
2.2.08 National Agril. Innovation Project	2415	92.00	0.00	92.00	10.00	0.00	10.00	270.00	0.00	270.00
2.2.09 Indo-French Proj. on Seabass Breedings and Culture	2415	0.50	0.00	0.50	0.50	0.00	0.50	0.00	0.00	0.00
Total other Programme of Crop Husbandry		988.50	502.60	1491.10	1124.93	521.74	1646.67	1263.60	563.05	1786.55
Total Crop Husbandry		988.50	542.60	1531.10	1124.93	561.74	1668.67	1263.50	563.05	1826.55
3. Soil and Water Conservation										
3.1 Soil and Water Conservation Institutes	2415	3.60	11.63	15.23	3.60	12.35	15.95	3.60	12.00	15.60
3.2 Other NRM Instts. including Agroforestry Research	2415	73.40	70.02	143.42	65.67	72.80	138.47	66.40	72.25	138.65
Total- Soil & Water Conservation		77.00	81.65	158.65	69.27	85.15	154.42	70.00	84.25	154.25
4. Animal Husbandry	2415	75.00	121.90	169.90	60.00	132.16	192.16	78.00	126.60	204.60
5. Fisheries	2415	29.30	58.70	87.70	26.30	61.30	87.60	37.00	60.30	97.30

(Contd. . .)



	Major Head	2006–2007 Budget			2006–2007 Revised			2007–2008 Budget			
		Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
6. Lump-sum provision for Projects/ Schemes for the benefit of North-Eastern Region and Sikkim	2552	135.00	0.00	135.00	143.00	0.00	143.00	162.00	0.00	162.00	
Total-Payments to ICAR		1304.50	804.35	2108.85	1423.50	840.35	2263.85	1610.50	834.20	2444.70	
7. Contribution to Commonwealth Agricultural Bureau, Consultative Group on International Agricultural Research and Association of Asia Pacific Agricultural Research Institutes	2415	45.50	4.10	49.60	6.50	4.10	10.60	9.50	4.15	13.65	
8. Total-Agricultural Research and Education	2415	1350.00	808.45	2158.45	1430.00	844.45	2274.45	1620.00	838.35	2458.35	
Grand Total		1350.00	810.00	2160.00	1430.00	836.00	2276.00	1620.00	840.00	2460.00	
		Head of Div.	Budget support	IEBR	Total	Budget support	IEBR	Total	Budget support	IEBR	Total
B. Investments in PSEs											
1. Indian Council of Agricultural Research	12415	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C. Plan Outlay											
1. Agricultural Research Education	12415	1251.00	0.00	1251.00	1287.00	0.00	1287.00	1458.00	0.00	1458.00	
2. North-eastern Areas	22552	135.00	0.00	135.00	143.00	0.00	143.00	162.00	0.00	162.00	
Total		1350.00	0.00	1350.00	1430.00	0.00	1430.00	1620.00	0.00	1620.00	
D. Major Head-wise Total											
		1350.00	810.00	2160.00	1430.00	846.00	2276.00	1620.00	840.00	2460.00	
	2415	1251.00	808.45	2023.45	1287.00	844.45	2131.45	1458.00	838.35	2296.35	
	3451	0.00	1.55	1.55	0.00	0.00	155.00	0.00	1.65	1.65	
	2552	135.00	0.00	135.00	143.00	0.00	143.00	162.00	0.00	162.00	
Grand Total	4552	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	



## (B) INDIAN COUNCIL OF AGRICULTURAL RESEARCH

### APPENDIX 1

#### INDIAN COUNCIL OF AGRICULTURAL RESEARCH SOCIETY

The Society shall have the following *Ex-Officio* Members:

(i) *Minister-in-charge of the portfolio of Agriculture in the Union Cabinet, President of the Society*

1. Mr Sharad Pawar  
Minister of Agriculture  
Government of India, Krishi Bhavan  
New Delhi 110 001

(ii) *Minister of State in the Union Ministry of Agriculture, dealing with the ICAR, Vice-President*

2. Minister of State (Agriculture)  
Government of India, Krishi Bhavan  
New Delhi 110 114

(iii) *Union Ministers holding charge of Finance, Planning, Science and Technology, Education and Commerce (in case the Prime Minister is holding any of these portfolios, the Minister of State in the Ministry/ Department concerned)*

3. Mr P Chidambaram  
Minister of Finance, Government of India  
North Block, New Delhi 110 001

4. Mr M V Rajasekharan  
Minister of State for Planning  
Yojana Bhawan, Government of India  
New Delhi 110 001

5. Mr Kapil Sibal  
Minister of Science & Technology, and  
Human Resource Development  
Government of India, Shastri Bhawan  
New Delhi 110 001

6. Mr Arjun Singh  
Minister for Human Resources  
Government of India  
New Delhi 110 001

7. Mr Kamal Nath  
Minister of Commerce, Government of India  
Udyog Bhawan, New Delhi 110 001

(iv) *Other Ministers in the Union Ministry of Agriculture*

8. Mr Kanti Lal Bhuria  
Minister of State for Agriculture  
Government of India, Krishi Bhavan,  
New Delhi 110 114

9. Mr Taslimuddin  
Minister for Animal Husbandry, Dairying and Fisheries  
Krishi Bhawan, New Delhi 110 114

(v) *Ministers in the States/Incharge of Agriculture/Animal Husbandry/Fisheries*

#### Andhra Pradesh

10. Mr N Raghuvveera Reddy  
Minister of Agriculture  
Government of Andhra Pradesh  
Hyderabad

11. Mr Fareeduddin Mohammed  
Minister of Fisheries  
Government of Andhra Pradesh  
Hyderabad (Andhra Pradesh) 500 022

12. Mr Suryarao Gollapalli  
Minister for Animal Husbandry and Dairy  
Development  
Government of Andhra Pradesh  
Hyderabad (Andhra Pradesh) 500 022

#### Arunachal Pradesh

13. Mr Tsering Gyurme  
Minister for Agriculture, Animal Husbandry and  
Horticulture  
Government of Arunachal Pradesh  
Itanagar (Arunachal Pradesh) 791 111

14. Mr Chowna Mein  
Minister of Fisheries  
Government of Arunachal Pradesh  
Itanagar (Arunachal Pradesh) 791 111

#### Assam

15. Ms Pramila Rani  
Minister for Agriculture, Government of Assam  
Janta Bhavan, Guwahati (Assam) 781 006

16. Mr Khor Singh Engti  
Minister for Veterinary and Animal Husbandry  
Hill Area Development  
Government of Assam, Janta Bhavan  
Guwahati (Assam) 781 006

17. Mr Nurjamal Sarkar  
Minister for Fisheries  
Government of Assam, Janta Bhavan  
Guwahati (Assam) 781 006

18. Minister of Horticulture  
Government of Assam, Janta Bhavan  
Guwahati (Assam) 781 006

#### Bihar

19. Mr Sushil Kumar Modi  
Deputy Chief Minister for Animal Husbandry and  
Fisheries  
Government of Bihar  
Patna (Bihar) 800 015

20. Mr Narendra Singh  
Minister for Agriculture  
Government of Bihar  
Patna (Bihar) 800 015

#### Chhattisgarh

21. Mr Nanki Ram Kanwar  
Minister for Agriculture, Animal Husbandry &  
Fisheries  
Government of Chhattisgarh  
Raipur (Chhattisgarh)

#### Delhi

22. Mr Raj Kumar Chauhan  
Minister for Agriculture Development and Food  
Animal Husbandry & Fisheries  
National Capital Territory of Delhi  
New Delhi 110 012

#### Goa

23. Mr Francisco X. Pacheco  
Minister of Agriculture  
Animal Husbandry and Horticulture  
Government of Goa, Panaji (Goa) 403 001

24. Mr Joaquim Braz Alemão  
Minister for Fisheries  
Government of Goa,  
Panaji (Goa) 403 001

#### Gujarat



25. Mr Bhupendrasinh M Chudasama  
Minister for Agriculture, Animal Husbandry, Fisheries  
and Horticulture  
Government of Gujarat  
Gandhinagar, (Gujarat) 382 010

#### Haryana

26. Mr Harmohinder Singh Chatha  
Minister for Agriculture, Horticulture,  
Animal Husbandry and Fisheries  
Government of Haryana  
Chandigarh (Haryana) 160 001

#### Himachal Pradesh

27. Mr Singhi Ram  
Minister of Horticulture  
Government of Himachal Pradesh  
Shimla (Himachal Pradesh) 171 001
28. Mr Raj Krishan Gaur  
Minister for Agriculture  
Government of Himachal Pradesh  
Shimla (Himachal Pradesh) 171 001
29. Mr Harsh Mahajan  
Minister of State for Animal Husbandry and Fisheries  
Government of Himachal Pradesh  
Shimla (Himachal Pradesh) 171 001

#### Jammu and Kashmir

30. Mr Abdul Aziz Zargar  
Minister for Agriculture,  
Horticulture and Fisheries  
Government of Jammu and Kashmir  
Srinagar (Jammu and Kashmir) 190 001
31. Mr Taj Mohi-ud-Din  
Minister of Animal Husbandry  
Government of Jammu & Kashmir  
Srinagar (Jammu & Kashmir) 190 001

#### Jharkhand

32. Mr Nalin Soren  
Minister of Animal Husbandry, Horticulture and Fisheries  
Government of Jharkhand,  
Ranchi (Jharkhand) 834 002

#### Karnataka

33. Mr Nagaraja Shetty  
Minister of Fisheries  
Government of Karnataka, Vidhan Soudha  
Bangalore (Karnataka) 560 001
34. Dv Revu Naik Belamagi  
Minister for Animal Husbandry  
Government of Karnataka, Vidhan Soudha  
Bangalore (Karnataka) 560 001
35. Mr Shashikanth Akkappa Naik  
Minister for Horticulture  
Government of Karnataka  
Bangalore 560 001
36. Mr Bandeppa Kashempur  
Minister for Agriculture  
Government of Karnataka, Vidhan Soudha  
Bangalore (Karnataka) 560 001

#### Kerala

37. Mr Mullakkara Ratnakaran  
Minister for Agriculture & Coir including Animal  
Husbandry and Horticulture  
Government of Kerala  
Thriuvananthapuram (Kerala) 695 001
38. Mr S Sharma  
Minister of Fisheries  
Government of Kerala  
Thiruvananthapuram (Kerala) 695 001

#### Madhya Pradesh

39. Mr Choudhary Chanderbhan Singh  
Minister for Agriculture  
Government of Madhya Pradesh  
Bhopal (Madhya Pradesh) 423 006
40. Mr Moti Kashyap  
Minister for Fisheries  
Government of Madhya Pradesh  
Bhopal (Madhya Pradesh) 423 006
41. Mr Ramakant Tiwari  
Minister for Animal Husbandry  
Government of Madhya Pradesh  
Bhopal (Madhya Pradesh) 423 006
42. Minister for Horticulture  
Government of Madhya Pradesh  
Bhopal (Madhya Pradesh) 432 006

#### Maharashtra

43. Mr Balasaheb Thorat  
Minister for Agriculture  
Government of Maharashtra  
Mumbai (Maharashtra) 400 032
44. Mr Anees Ahmad  
Minister for Fisheries, Animal Husbandry and Dairy  
Development  
Government of Maharashtra  
Mumbai (Maharashtra) 400 032
45. Mr Vinay Kore  
Minister for Horticulture and Non-conventional Energy  
Government of Maharashtra  
Mumbai (Maharashtra) 400 032

#### Manipur

46. Mr M O Ibobi  
Chief Minister holding the charge of Animal  
Husbandry and Fisheries  
Government of Manipur  
Imphal (Manipur) 795 001
47. Mr Ph. Parijat Singh  
Minister for Agriculture  
Government of Manipur  
Imphal (Manipur) 795 001
48. Mr Gaikhangam  
Minister for Horticulture  
Government of Manipur  
Imphal (Manipur) 795 001

#### Meghalaya

49. Mr Manirul Islam Sarkar  
Minister for Agriculture, Fisheries and Horticulture  
Government of Meghalaya  
Meghalaya Secretariat  
Shillong (Meghalaya) 793 001
50. Mr Paul Lyndoh  
Minister for Animal Husbandry and Veterinary  
Government of Meghalaya, Meghalaya Secretariat (C)  
Shillong (Meghalaya) 793 001
51. Mr Sengran Songma  
Minister for Fisheries  
Meghalaya Secretariat (C)  
Shillong (Meghalaya) 793 001

#### Mizoram

52. Mr H Rammawia  
Minister for Agriculture and Horticulture  
Government of Mizoram  
Aizwal (Mizoram) 796 001
53. Mr Lalrin Chhana  
Minister for Animal Husbandry  
Government of Mizoram  
Aizwal (Mizoram) 796 001



54. Mr B Lalhlengliana  
Minister for Fisheries  
Government of Mizoram  
Aizwal (Mizoram) 796 001

#### **Nagaland**

55. Mr Neiphiu Rio  
Chief Minister and holding charge of Horticulture and Fisheries  
Government of Nagaland  
Kohima (Nagaland) 797 001
56. Mr Kuzholuz Nienu  
Minister for Agriculture  
Government of Nagaland  
Kohima (Nagaland) 797 001
57. Mr Thenucho  
Minister for Animal Husbandry  
Government of Nagaland  
Kohima (Nagaland) 797 001

#### **Orissa**

58. Mr Surinder Nath Nayak  
Minister for Agriculture and Horticulture  
Government of Orissa  
Bhubaneshwar (Orissa) 751 001
59. Ms Golak Bihari Naik  
Minister for Animal Resources Development  
Government of Orissa  
Bhubaneshwar (Orissa) 751 001

#### **Puducherry**

60. Mr V Vaithilingam  
Minister for Agriculture, Horticulture, Animal Husbandry  
Government of Puducherry  
Pondicherry 605 001
61. Mr MOHF Shajahan  
Minister of Fisheries and Horticulture  
Government of Pondicherry  
Pondicherry 605 001

#### **Punjab**

62. Mr Sucha Singh Lamgha  
Minister of Agriculture  
Government of Punjab  
Chandigarh (Punjab) 160 001
63. Mr G S Ranike  
Minister of Animal Husbandry, Fisheries and Dairy Development  
Government of Punjab  
Chandigarh (Punjab) 160 001
64. Minister of Horticulture  
Government of Punjab  
Chandigarh (Punjab) 160 001

#### **Rajasthan**

65. Mr Prabhu Lal Saini  
Minister of State for Agriculture, Animal Husbandry and Horticulture  
Government of Rajasthan  
Jaipur (Rajasthan) 302 005

#### **Sikkim**

66. Mr Somnath Poudyal  
Minister for Agriculture and Horticulture  
Government of Sikkim  
Secretariat, Gangtok (Sikkim) 737 101
67. Ms Kalawati Subba  
Minister for Animal Husbandry and Fisheries  
Government of Sikkim  
Secretariat, Gangtok (Sikkim) 737 001

#### **Tamil Nadu**

68. Mr Veera Pandi S Arumugam  
Minister for Agriculture and Horticulture  
Government of Tamil Nadu  
Chennai, (Tamil Nadu) 600 009
69. Mr K P P Sami  
Minister for Fisheries  
Government of Tamil Nadu  
Chennai (Tamil Nadu) 600 009
70. Ms Geetha Jeevan  
Minister for Animal Husbandry  
Government of Tamil Nadu  
Chennai (Tamil Nadu) 600 009

#### **Tripura**

71. Mr Tapan Chakravorty  
Minister for Agriculture, Animal Husbandry and Horticulture  
Civil Secretariat, Government of Tripura  
Agartala (Tripura) 799 001
72. Mr Khagentra Jamatia  
Minister for Fisheries  
Government of Tripura  
Agartala (Tripura) 799 001

#### **Uttarakhand**

73. Mr Trivendra Singh Rawat  
Minister for Agriculture, Fisheries, Animal Husbandry and Horticulture  
Government of Uttranchal  
Dehradun (Uttranchal)

#### **Uttar Pradesh**

74. Mr Ashok Bajpai  
Minister for Agriculture  
Government of Uttar Pradesh  
Lucknow (Uttar Pradesh) 226 001
75. Dr Virendra Singh  
Minister for Animal Husbandry  
Government of Uttar Pradesh  
Lucknow (Uttar Pradesh) 226 001
76. Mr Raj Kishore Singh  
Minister for Horticulture  
Government of Uttar Pradesh  
Lucknow (Uttar Pradesh) 226 001
77. Mr Shyam Narayan  
Minister of Fisheries  
Government of Uttar Pradesh  
Lucknow (Uttar Pradesh) 226 001

#### **West Bengal**

78. Mr Naren De  
Minister for Agriculture  
Government of West Bengal Writers' Building  
Kolkata (West Bengal) 700 001
79. Mr Anisur Rahman  
Minister for Animal Resources Development  
Government of West Bengal  
Kolkata, (West Bengal) 700 001
80. Mr Kironmoy Nanda  
Minister for Fisheries & Aquatic Resources and Fishing Harbours  
Government of West Bengal  
Kolkata (West Bengal) 700 001
81. Mr Mohanta Chatterjee  
Minister for Horticulture and Food Processing  
Government of West Bengal  
Writers Building  
Kolkata (West Bengal) 700 001



- (vi) *Member of Planning Commission, Incharge of Agriculture*
82. Mr Abhijit Sen  
Member (Agriculture), Planning Commission  
Yojana Bhavan  
New Delhi
- (vii) *Six members of Parliament (Four elected by Lok Sabha and two elected by Rajya Sabha)*
83. Shri Harish Rawat 25.11.2008  
Member of Parliament (RS)  
Village Mohanari  
P.O. Chaunalia  
Tehsil Bhikaasen  
Distt. Almora, Uttaranchal and  
12-A, Canning Lane  
New Delhi 110 001
84. Mr Sharad Anantrao Joshi 04.07.2010  
Member of Parliament (RS)  
Angar Mala, Village Ambethan, Taluk khed,  
Distt Pune and  
40 Meena Bagh, New Delhi 110 001
85. Mr Mahdevrao Shivankar Till the expiry of  
Member of Parliament (LS), term in the  
Amgaon, Distt. Gundia 441 902 Lok Sabha  
Maharashtra, and B-603, MS Flats,  
BKS Marg,  
New Delhi 110 001.
86. Mr K Manvendra Singh, -do-  
Member of Parliament (LS)  
Amagarh House, Dampier Nagar, Mathura,  
Uttar Pradesh and 20, Willingdon Crescent,  
New Delhi 110 001.
87. Mr Kishan Singh Sangwan -do-  
Member of Parliament (LS)  
H. No. 563, Ward No. 4, Tehsil Road,  
Gohana, Sonapat 131 001 Haryanan and  
18, Dr Rajendra Prasad Road,  
New Delhi 110 001.
88. Mr V K Thummar -do-  
Member of Parliament (LS)  
Amrut Complex, Station Road,  
Amreli 365 601 Gujarat and  
7, H C Mathur Lane,  
New Delhi 110 001
- (viii) *Director-General, ICAR*
89. Dr Mangala Rai  
Director-General, ICAR  
Krishi Bhavan, New Delhi 110 001
- (ix) *All Secretaries in the Ministry of Agriculture*
90. Mr P K Mishra  
Secretary (Agriculture and Co-operation)  
Ministry of Agriculture, Department of Agriculture,  
Krishi Bhavan, New Delhi 110 001
91. Ms Charusheela Sohoni  
Secretary (Animal Husbandry and Dairying)  
Krishi Bhavan,  
New Delhi 110 114
- (x) *Secretary, Planning Commission*
92. Mr R R Shah  
Secretary, Planning Commission  
Yojana Bhavan, New Delhi 110 001
- (xi) *Secretary, Department of Biotechnology*
93. Mr M K Bhan  
Secretary  
Department of Biotechnology  
CGO Complex, New Delhi 110 003
- (xii) *Director-General, Council of Scientific and Industrial Research, Anusandhan Bhawan, New Delhi 110 001*
94. Prof S K Brahmachari  
Director General  
Council of Science and Industrial Research  
Anusandhan Bhawan, New Delhi 110 001
- (xiii) *Chairman, University Grants Commission*
95. Dr S K Thorat  
Chairman, University Grants Commission  
Bahadur Shah Zafar Marg, New Delhi
- (xiv) *Chairman, Atomic Energy Commission (or Director, Bhabha Atomic Research Centre, if nominated by the Chairman, Atomic Energy Commission)*
96. Mr Anil Khakodkar  
Chairman, Atomic Energy Commission and Secretary  
to the Government of India  
Department of Atomic Energy  
Anushakti Bhavan, Chhatrapati Shivaji  
Maharaj Marg, Mumbai 400 039
- (xv) *Member, Finance (Secretary/Additional Secretary in the Ministry of Finance), Government of India, Alternate Member—Financial Adviser (DARE/ICAR)*
97. Ms Rita Menon  
Additional Secretary to the Government of India  
Ministry of Finance, Department of Expenditure  
New Delhi 110 001
- (xvi) *Four Vice-Chancellors of the Agricultural Universities nominated by the President*
98. Dr Vijay Mehta 9.4.2010  
Vice-Chancellor  
Dr Balasaheb Sawant Konkan  
Krishi Vidyapeeth, Dapoli  
Ratnagiri, Maharashtra
99. Dr S S Baghel 18.07.2008  
Vice-Chancellor  
Assam Agricultural University  
Jorhat, Assam 785 013
100. Mr N N Singh 9.4.2010  
Vice-Chancellor  
Birsa Agricultural University  
Ranchi, Bihar 834 006
101. Dr R B Dishmukh 18.07.2008  
Vice-Chancellor  
Mahatma Phule Krishi Vidyapeeth  
Krishi Vidyapeeth, Distt.  
Rahuri (Maharashtra) 413 722
- (xvii) *Five technical representatives, namely Agricultural Commissioner, Horticultural Commissioner, Animal Husbandry Commissioner, Fisheries Development Commissioner from the Union Ministry of Agriculture and Inspector-General of Forests, Government of India*
102. Dr N B Singh  
Agricultural Commissioner Ex-officio  
Department of Agriculture and Co-operation  
Krishi Bhavan,  
New Delhi 110 001
103. Dr M L Choudhary Ex-officio  
Horticultural Commissioner, Department of  
Agriculture,  
Krishi Bhavan, New Delhi 110 001
104. Dr S K Bandyopadhyay  
Animal Husbandry  
Commissioner  
Department of Agriculture, Krishi Bhawan,  
New Delhi



105. Mr M K R Nair Fisheries Development Commissioner Department of Agriculture, Krishi Bhavan New Delhi 110 001	Ex-officio	118. Dr K Pradhan Ex Vice-Chancellor Orissa University of Agriculture & Technology H-101, Som Vihar Apartments R.K. Puram, New Delhi 110 022	9.4.2010
106. Mr N K Joshi Inspector-General of Forests, Government of India Department of Environment and Forests CGO Complex, Lodi Road, New Delhi 110 003	Ex-officio	119. Dr S S Acharya Honorary Professor Institute of Development Studies 8-B, Jhalana, Institutional Area Jaipur 302 004 (Rajasthan)	9.4.2010
<i>(xviii) Fifteen scientists from within and outside the Council, including one from the Indian Council of Medical Research nominated by the President</i>			
107. Dr M V Gupta C- 502, Aditya Elite B.S. Maktha, Somajiguda H.No. 6-3-1119 Hyderabad 500 016 (Andhra Pradesh)	9.4.2010	120. Mr J N L Srivastava Former Secretary Department of Agriculture and Cooperation Government of India Kothi No. 316, Sector 17-A Gurgaon 122 001 (Haryana)	
108 Dr T J Pandian National Professor Madurai Kamaraj University 9, Old Natham Road Madurai- 625 014 (Tamil Nadu)	9.4.2010	121. Dr Vasantha Muthuswamy Senior Deputy Director-General Division of Basic Medical Sciences Indian Council of Medical Research Ansari Nagar, PB 4911, New Delhi 110 029	31.07.2008
109 Prof Sudhir K Sapori Group Leader International Centre for Genetic Engineering and Biotechnology, Near JNU Campus, Aruna Asaf Ali Road, New Delhi 110 067	9.4.2010	<i>(xix) Three representatives of Commerce and Industry nominated by the President</i>	
110 Dr N Panda Plot No. 62/63, Opp. Unit 8, Boy's Singh School P.O. Baramunda, Bhubaneswar 751 003 (Orissa)	9.4.2010	122. Mr Gokul Patnaik Chairman Global Agri. Systems Pvt. Ltd. K-13 A, Hauz Khas Enclave, New Delhi 110 016	06.05.2010
111. Dr N N Goswami JD 20D, Pitampura, Delhi- 110 088	9.4.2010	123. Mr M Manickam Vice-Chairman & Managing Director M/s. Shakti Sugars Limited 180, Race Course Road Post Box No. 3775 Coimbatore 641 018	06.05.2010
112. Dr T C Thakur National Professor College of Technology GB Pant University of Agriculture & Technology Pantnagar 263 145 Distt. Udham Singh Nagar (Uttarakhand)	9.4.2010	124. Ms Megha Borase President Flower Growers Association 20/4, Kulkarni Baug Opp. B Y K College Nasik 422 005 Maharashtra	06.05.2010
113. Dr Gyanendra Singh Vice-Chancellor Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya Chitrakoot Distt. Satna 485 331 (Madhya Pradesh)	9.4.2010	<i>(xx) One farmer from each region mentioned in Rule 60(a) and four representatives of rural interest nominated by the President</i>	
114. Dr M Mahadevappa Ex-Chairman Agricultural Scientists Recruitment Board 1576, 1st Cross, Chandra Layout Bangalore 560 040	9.4.2010	125-132. Vacant	
115. Dr J B Chowdhary 906, Sumeru Towers Kaushambi, Ghaziabad	01.07.2010	<i>(xxi) Four representatives of Rural Interest</i>	
116. Dr C D Mayee Chairman Agricultural Scientists Recruitment Board New Delhi 110 012	9.4.2010	133-136. Vacant	
117. Dr Asis Datta Ex Vice-Chancellor Jawaharlal Nehru University & Director, NCPGR Aruna Asaf Ali Margt, JNU Campus Post Box No. 10531 New Delhi 110 067	9.4.2010	<i>(xxii) Four Directors of the ICAR Research Institutes, nominated by the President</i>	
		137. Dr B M Khadi Director Central Institute for Cotton Research P.B. No. 2, Shankarnagar Post Office, Nagpur 440 010 (Maharashtra)	9.4.2.10
		138. Dr K A Singh Director Indian Grassland & Fodder Research Institute Pahuj Dam, Jhansi-Gwalior Road Jhansi 238 003 (Uttar Pradesh)	9.4.2010
		139. Dr Sushil Kumar Director National Dairy Research Institute Karnal 132 001 (Haryana)	9.4.2010
		140. Dr K K Vass Director Central Inland Capture Fisheries Research Institute, Barrackpore Kolkata 743 101 (West Bengal)	9.4.2010
		<i>(xxii) Secretary, Indian Council of Agricultural Research</i>	
		141. Mr A K Upadhyay Member-Secretary, ICAR Krishi Bhawan, New Delhi 110 001	



## APPENDIX 2

### GOVERNING BODY

#### Chairman

1. Dr Mangala Rai  
Director-General  
Indian Council of Agricultural Research  
Krishi Bhavan, New Delhi 110 001

#### Ex-officio Members

##### Member-Finance

2. Ms Rita Menon  
Additional Secretary to the Government of India  
Ministry of Finance, Department of Expenditure  
New Delhi 110 001

#### Secretary, Planning Commission

3. Mr R R Shah  
Secretary  
Planning Commission  
Yojna Bhavan, New Delhi 110 001

#### Secretary, Agriculture

4. Mr P K Mishra  
Secretary (Agriculture and Coop),  
Government of India  
Ministry of Agriculture, Department of  
Agriculture, Krishi Bhavan, New Delhi 110 114

#### Chairman, University Grants Commission

5. Dr S K Thorat  
Chairman  
University Grants Commission  
Bahadur Shah Zafar Marg, New Delhi 110 001

#### Secretary, Animal Husbandry and Dairying

6. Ms Charusheela Sohoni  
Secretary (A H & D)  
Department of Animal Husbandry and Dairying  
Krishi Bhavan, New Delhi 110 114

#### Secretary, Department of Biotechnology

7. M K Bhan  
Secretary  
Department of Biotechnology  
CGO Complex, New Delhi 110 002

#### Director-General Council of Scientific and Industrial Research

8. Prof S K Brahmachari  
Director-General  
Council of Scientist and Industrial Research  
Anusandhan Bhawan  
Rafi Marg, New Delhi 110 001

#### Members

*Four scientists (including one Management Expert) who are not employees of the ICAR and are nominated by the President*

#### Management Expert

9. Mr J N L Srivastava  
Former Secretary, DOAC  
Government of India  
Kothi No. 316, Sector 17 A  
Gurgaon (Haryana) 122 001

#### Scientists

10. Dr T J Pandian  
National Professor  
Kamaraj University  
9, Old Natham Road,  
Madurai (Tamil Nadu) 625 014

11. Dr C D Mayee  
Chairman  
Agricultural Scientists Recruitment  
Board, Pusa,  
New Delhi 110 012

12. Dr Asis Datta  
Former Vice-Chancellor  
Jawaharlal Nehru University & Director,  
NCPGR  
Aruna Asaf Ali Marg  
JNU Campus, POst Box No. 10531  
NEW Delhi 110 067

#### Three Vice-Chancellors (nominated by the President)

13. Dr R B Deshmukh  
Vice-Chancellor  
Mahatama Phule Krishi Vidyapeeth  
Ahmednagar  
Rahuri (Maharashtra) 413 722

14. Dr S S Baghel  
Vice-Chancellor  
Assam Agricultural University  
Jorhat 785 013  
Assam

15. Dr Vijay Mehta  
Vice-Chancellor  
Dr Balasaheb Sawant Konkan  
Vidyapeeth, Dapoli  
Maharashtra 415 712

#### Three Members of Parliament (Two from Lok Sabha and one from Rajya Sabha) nominated by the President

16. Mr Mahdevrao Shivankar  
Member of Parliament (Lok Sabha)  
Amgaon, Gundia 441 902 and  
B 603, MS Flats, B K S Marg  
New Delhi 110 001

17. Mr Manvendra Singh  
Member of Parliament (Lok Sabha)  
Angarmala House, Dambiev Nagar  
Mathura and  
20, Willigdon Crescent  
New Delhi 110 001

18. Mr Sharad Anantrao Joshi  
Member of Parliament (Rajya Sabha)  
Angarmala, Vill. Ambethom, Taluk Khed,  
Distt. Pune and  
40, Meena Bagh, New Delhi 110 001

#### Three Farmers/Representatives of rural areas nominated by the President

19. Vacant
20. Vacant
21. Vacant

#### Three Directors of Research Institutes of the Council nominated by the President

22. Dr B M Khadi  
Director  
Central Institute for Cotton Research  
P.B. No. 2, Shankarnagar Post Office  
Nagpur 440 010

23. Dr Sushil Kumar  
Director  
National Dairy Research Institute  
Karnal 132 001  
Haryana



24. Dr K K Vass  
Director  
Central Inland Capture Fisheries  
Research Institute, Barrackpore  
Kolkata 743 101 (West Bengal)

09.04.2010

**Member-Secretary**

25. Mr A K Upadhyay  
Additional Secretary (DARE) and Secretary  
Indian Council of Agricultural Research  
Krishi Bhawan  
New Delhi 110 001

**APPENDIX 3**

**SENIOR OFFICERS AT THE HEADQUARTERS OF THE ICAR**

**1. Dr Mangala Rai**

Director-General, ICAR and  
Secretary to the Government of India  
Department of Agricultural Research and Education

**2. Mr A K Upadhyay**

Secretary, ICAR and  
Additional Secretary to Government of India  
Department of Agricultural Research and Education

**Deputy Directors-General**

1. Dr Puranjan Das (Agricultural Extension)
2. Dr A K Singh (Natural Resource Management)
3. Dr S Ayyappan (Fisheries)
4. Dr Nawab Ali (Agricultural Engineering)
5. Dr S P Tiwari (Education)
6. Dr H P Singh (Horticulture)
7. Dr P L Gautam (Crop Sciences)
8. Dr K M Bujarbaruah (Animal Sciences)

**Assistant Directors-General**

**Crop Sciences**

1. Dr K C Jain (Commercial Crops)
2. Dr S N Shukla (Food and Fodder Crops)
3. Dr T P Rajendran (Plant Protection)
4. Dr N D Jambhale (Seeds)
5. Dr V D Patil (OP)

**Horticulture**

1. Dr S N Pandey (Horticulture-I)
2. Dr U C Srivastava (Horticulture-II)

**Natural Resource Management**

1. Dr P D Sharma (Soils)
2. Dr A K Gogoi (Agronomy)
3. Dr P S Minhas (IWM)

**Engineering**

1. Dr P Chandra (Process Engineering)
2. Dr S K Tandon (Engineering)

**Animal Sciences**

1. Dr Lal Krishna (Animal Health)
2. Dr T J Rasool (AP&B)
3. Dr O P Dhanda (ANP)

**Fisheries**

1. Dr A D Diwan (Marine Fisheries)
2. Dr V V Sugunan (Inland Fisheries)

**Education**

1. Dr G C Tiwari (EPD)
2. Dr B S Bisht (HRD)
3. Dr R K Mittal (EQR)

**Extension**

1. Dr Rajinder Parshad (Agril. Extn.)
2. Dr Ram Chand (KVK)

**ARIS**

1. Dr T P Trivedi

**Others**

1. Dr J P Mishra (ESM & Co-ordinator)
2. Dr K S Khokhar (PIM)
3. Dr S Mauria (IPR & Policy)

**Principal Scientists**

**Crop Science**

1. Dr A K Sharma (Food Crops)
2. Dr C P Singh (Seeds)
3. Dr Sudhir Kochhar (PB)

**Horticulture**

1. Dr R C Upadhyay

**Natural Resource Management**

1. Dr D K Paul (IWM)
2. Dr O P Sharma (AF)
3. Dr P P Biswas (Soil)

**Education**

1. Dr G D Diwakar (Accreditation)

**Fisheries**

1. Dr Anil Aggarwal (Marine Fisheries)
2. Dr V R Chitranshi (Fisheries)

**ARIS Unit**

1. Dr D K Aggarwal

**Extension**

1. Dr G Appa Rao
2. Dr A M Narula
3. Dr (Ms) Tej Verma

**Engineering**

Nil

**Others**

1. Dr A K Bawa (DG Section)
2. Dr V S Upadhyaya
3. Dr D B S Sehra (ES&M)
4. Dr Ravindra Kumar (Awards)

**National Agricultural Technology Project**

1. Dr Mruthyunjaya, National Director
2. Dr J P Mittal, National Coordinator
3. Dr A P Srivastava, National Coordinator
4. Dr N T Yaduraju, National Coordinator
5. Dr A Bandhopadhyay, National Coordinator

**Administration**

**Directors**

1. Mr K K Bajpai, Director (P)
2. Mr H C Pathak, Director (F)
3. Mr H C Joshi, Director (OL)
4. Mr V P Kothiyal, Director (Works)
5. Mr D P Yadav, Director (F), NAIP

**Deputy Secretaries**

1. Mr Sanjay Gupta
2. Mr H L Meena



3. Mr A C Ghosh
4. Mr J Ravi
5. Mr B N Rao
6. Ms Shashi Prabha Razdan

**Others**

1. Mr B N P Pathak, Legal Advisor

**Agricultural Scientists' Recruitment Board**

1. Dr C D Mayee, Chairman
2. Dr N K Tyagi, Member
3. Dr M J Modayil, Member

4. Mr Sanjay Kant, Secretary
5. Mr Vikram Singh, Controller of Examination

**Directorate of Information and Publications of Agriculture (DIPA)**

1. Dr T P Trivedi, Project Director
2. Mr V K Bharti, Chief Production Officer
3. Mr Kuldeep Sharma, Editor (Hindi) and Unit Incharge
4. Dr R P Sharma, Editor (English) and Unit Incharge
5. Mr Hans Raj, Information System Officer
6. Mr S K Joshi, Business Manager
7. Mr B C Mazumder, Incharge (Art Unit)

**APPENDIX 4**

**ICAR INSTITUTES AND THEIR DIRECTORS**

**National Institutes**

1. Dr S A Patil  
Indian Agricultural Research Institute  
New Delhi 110 012
2. Dr S P S Ahlawat  
Indian Veterinary Research Institute  
Izatnagar (Uttar Pradesh) 243 122
3. Dr Sushil Kumar  
National Dairy Research Institute  
Karnal (Haryana) 132 001
4. Dr Dilip Kumar  
Central Institute of Fisheries Education  
Jaiprakash Road, Seven Bungalow (Versova)  
Mumbai (Maharashtra) 400 061
5. Dr S M Ilyas  
National Academy of Agricultural Research and  
Management, Rajendranagar  
(Andhra Pradesh) 500 030

**Agricultural Sciences**

6. Dr R C Srivastava  
Central Agricultural Research Institute  
Andaman and Nicobar Group of Islands  
P B 181 Port Blair  
(Andamans & Nicobar Islands) 744 101
7. Dr K P R Vittal  
Central Arid Zone Research Institute  
Jodhpur (Rajasthan) 342 003
8. Dr M M Pandey  
Central Institute of Agricultural Engineering  
Berasia Road, Nabi Bagh,  
Bhopal (Madhya Pradesh) 462 038
9. Dr T A More  
Central Institute of Arid Horticulture  
Bikaner (Rajasthan) 334 006
10. Dr B M Khadi  
Central Institute for Cotton Research  
ICAR Housing Complex, Central Bazar Road  
Bajaj Nagar, Nagpur (Maharashtra) 440 010
11. Dr B M C Reddy  
Central Institute for Sub-tropical Horticulture  
Rehmankheda, PO Kakori  
Lucknow (Uttar Pradesh) 227 107
12. Dr Nazeer Ahmed  
Central Institute of Temperate Horticulture  
Old Air Field  
Rangreth (Jammu and Kashmir) 190 007
13. Dr R T Patil  
Central Institute of Post-Harvest Engineering and  
Technology, Ludhiana (Punjab) 141 004

14. Dr S Sreenivasan  
Central Institute for Research on Cotton Technology  
PB 16640, Adenwala Road, Matunga  
Mumbai (Maharashtra) 400 019
15. Dr George V Thomas  
Central Plantation Crops Research Institute  
Kasaragod (Kerala) 671 124
16. Dr S K Pandey  
Central Potato Research Institute  
Shimla (Himachal Pradesh) 171 001
17. Dr Y S Ramakrishna  
Central Research Institute for Dryland Agriculture  
Santoshnagar, P O Saidabad  
Hyderabad (Andhra Pradesh) 500 059
18. Dr H S Sen  
Central Research Institute for Jute and Allied Fibres  
Barrackpore, Distt 24 Paraganas  
(West Bengal) 700 120
19. Dr M P Pandey  
Central Rice Research Institute  
Cuttack (Orissa) 753 006
20. Dr Gurbachan Singh  
Central Soil Salinity Research Institute  
Zarifa Farm, Kachwa Road  
Karnal (Haryana) 132 001
21. Dr V N Sharda  
Central Soil and Water Conservation Research and  
Training Institute, 218 Kaulagarh Road  
Dehradun (Uttaranchal) 248 195
22. Dr V Krishnamurthy  
Central Tobacco Research Institute  
Rajahmundry (Andhra Pradesh) 533 105
23. Dr S Edison  
Central Tuber Crops Research Institute, PB 3502  
Sreekariyam, Thiruvananthapuram (Kerala) 695 017
24. Dr V S Korikanthimath  
ICAR Research Complex for Goa,  
Ela, Old Goa (Goa) 403 402
25. Dr A K Sikka  
ICAR Research Complex for Eastern Region  
Walmi Complex, Phulwari Sharif  
Patna (Bihar) 801 505
26. Dr S M Ngachan  
ICAR Research Complex for North-Eastern  
Hills Region  
Umiam (Meghalaya) 793 103
27. Dr S D Sharma  
Indian Agricultural Statistics Research Institute  
Library Avenue, Pusa Campus  
New Delhi 110 012



28. Dr K A Singh  
Indian Grassland and Fodder Research Institute  
Pahuj Dam, Gwalior-Jhansi Road  
Jhansi (Uttar Pradesh) 284 003
29. Dr G S R Murti  
Indian Institute of Horticultural Research  
P.O. Hassaraghatta Lake  
Bangalore (Karnataka) 560 089
30. Dr Masood Ali  
Indian Institute of Pulses Research  
Kanpur (Uttar Pradesh) 208 024
31. Dr A Subba Rao  
Indian Institute of Soil Science  
Nabi Bagh, Bhopal (Madhya Pradesh) 462 038
32. Dr V A Parthasarathy  
Indian Institute of Spices Research  
P B 1701, P O Marikunnu  
Kozhikode (Kerala) 673 012
33. Dr R L Yadav  
Indian Institute of Sugarcane Research  
P O Dilkusha  
Lucknow (Uttar Pradesh) 226 002
34. Dr Bangali Baboo  
Indian Institute of Natural Resins and Gums  
Namkum, Ranchi (Jharkhand) 834 010
35. Dr Mathura Rai  
Indian Institute of Vegetable Research  
P.B. 01, P.O. Jakhini  
Shahanshapur, Varanasi (Uttar Pradesh) 221 305
36. Dr S K Bhattacharyya  
National Institute of Research on Jute and  
Allied Fibre Technology  
12 Reagent Park  
Calcutta (West Bengal) 700 040
37. Dr N Vijayan Nair  
Sugarcane Breeding Institute  
Coimbatore (Tamil Nadu) 641 007
38. Dr H S Gupta  
Vivekananda Parvatiya Krishi Anusandhan Sansthan  
Almora (Uttar Pradesh) 263 601
- Animal Sciences and Fisheries**
39. Dr B P Singh  
Central Avian Research Institute  
Izatnagar (Uttar Pradesh) 243 122
40. Dr R K Sethi  
Central Institute for Research on Buffaloes  
Sirsa Road, Hisar (Haryana) 125 001
41. Dr N P Singh  
Central Institute for Research on Goats  
Makhdoom, Mathura, (Uttar Pradesh) 281 122
42. Dr K K Vass  
Central Inland Fisheries Research Institute  
Barrackpore (West Bengal) 700 120
43. Dr A G Ponniah  
Central Institute of Brackishwater Aquaculture  
75 Santhome High Road  
R A Puram, Chennai (Tamil Nadu) 600 028
44. Dr K Devadasan  
Central Institute of Fisheries Technology  
Willingdon Island, P O Matsyapuri  
Cochin (Kerala) 682 029
45. Dr N Sarangi  
Central Institute of Freshwater Aquaculture  
Kausalyaganga, Bhubaneswar (Orissa) 751 002
46. Central Marine Fisheries Research Institute  
P B 1603, Tatapuram, Kochi (Kerala) 682 018
47. Dr S A Karim  
Central Sheep and Wool Research Institute  
Avikanagar, District Tonk  
Via Jaipur (Rajasthan) 304 501
48. Dr K T Sampath  
National Institute of Animal Nutrition and Physiology  
Adugeodi, Bangalore (Karnataka) 560 030

## APPENDIX 5

### NATIONAL BUREAUX AND THEIR DIRECTORS

#### Agricultural Sciences

1. Prof D K Arora  
National Bureau of Agriculturally Important  
Micro-organisms  
PB No. 6, Kusmaur  
Mau Nath Bhanjan  
Uttar Pradesh 275 101
2. Dr S K Sharma  
National Bureau of Plant Genetic Resources  
FCI Building, Pusa, New Delhi 110 012
3. Dr A K Maji  
National Bureau of Soil Survey and  
Land Use Planning  
P B 426, Shankar Nagar, Amravati Road  
Nagpur (Maharashtra) 440 010

#### Animal Sciences

4. Dr B K Joshi  
National Bureau of Animal Genetic Resources  
PB 129, Karnal (Haryana) 132 001
5. Dr W S Lakra  
National Bureau of Fish Genetic Resources  
Radhaswami Bhavan, 351/28,  
Dariya Pur,  
Talkatora Road  
PO Dilkusha  
Lucknow (Uttar Pradesh) 226 002



## APPENDIX 6

### PROJECT DIRECTORATES AND THEIR DIRECTORS

#### Agricultural Sciences

1. Dr R J Rabindra  
Project Directorate of Biological Control  
Bellary Road, P.B. 2491  
HA Farm Post, Hebbal  
Bangalore (Karnataka) 560 024
2. Dr M S Gill  
Directorate of Cropping Systems Research  
Modipuram  
Meerut (Uttar Pradesh) 250 110
3. Dr Sain Dass  
Project Directorate of Maize Research  
Cummings Laboratory  
Indian Agricultural Research Institute,  
Pusa  
New Delhi 110 012
4. Dr D M Hegde  
Directorate of Oilseeds Research  
Hyderabad (Andhra Pradesh) 500 030
5. Dr B C Viraktamath  
Directorate of Rice Research  
Hyderabad (Andhra Pradesh) 500 030
6. Dr A B Mandal  
Directorate of Seed Research  
Kusmaur, Mau Nath Bhanjan  
(Uttar Pradesh) 275 101

7. Dr S D Kulkarni  
Project Directorate on Soybean Processing and  
Utilization  
CIAE Complex, T T Nagar  
Bhopal (Madhya Pradesh) 462 018
8. Dr B Mishra  
Directorate of Wheat Research  
P B 158, Kunjapura Road, Karnal (Haryana) 132 001

#### Animal Sciences

9. Dr A K Misra  
Project Directorate on Cattle  
Grass Farm Road, PB 17  
Meerut (Uttar Pradesh) 250 001
10. Dr R P Sharma  
Project Directorate on Poultry  
Rajendranagar  
Hyderabad (Andhra Pradesh) 500 030
11. Dr K Prabhudas (Acting)  
Project Directorate on Animal Disease Monitoring  
and Surveillance  
Hebbal, Bangalore (Karnataka) 560 024
12. Dr B Pattnaik  
Project Directorate on Foot and Mouth Diseases  
IVRI Campus, Mukteshwar  
Kumaon (Uttaranchal) 263 138

## APPENDIX 7

### NATIONAL RESEARCH CENTRES AND THEIR DIRECTORS

#### Agricultural Sciences

1. Dr S K Dhyani  
National Research Centre for Agroforestry  
IGFRI Campus, Pahuj Dam, Gwalior-Jhansi Road  
Jhansi (Uttar Pradesh) 284 003
2. Dr M M Mustafa  
National Research Centre for Banana  
Thogamalai Main Road, Thayanur Post  
Thiruchirapalli (Tamil Nadu) 620 102
3. Dr M Gopalakrishna Bhat  
National Research Centre for Cashew  
Kamminje, Puttur (Karnataka) 574 202
4. Dr Shyam Singh  
National Research Centre for Citrus  
PB 464, P.O. Shankar Nagar,  
Nagpur (Maharashtra) 440 010
5. Dr S K Sharma  
National Research Centre on DNA Finger Printing  
NBPGR, Pusa Campus  
New Delhi 110 012
6. Dr P G Adsule  
National Research Centre for Grapes  
PB No. 3, Manjri Farm Post  
Pune (Maharashtra) 412 307
7. Dr M S Basu  
National Research Centre for Groundnut  
Ivnagar Road, Timbawadi  
PB 5, Junagadh (Gujarat) 362 001

8. Dr O M Bambawale  
National Research Centre for Integrated Pest  
Management  
Lal Bahadur Shastri Building  
IARI, Hillside Road, Pusa  
New Delhi 110 012
9. Dr K K Kumar  
National Research Centre for Litchi  
Manchi House  
Muzaffarpur (Bihar) 842 002
10. Dr Janardan Jee (Acting)  
National Research Centre for Makhana  
Patna (Bihar) 801 506
11. Dr Satyabrata Maiti  
National Research Centre for Medicinal and  
Aromatic Plants  
Boriavi Seed Farm, Boriavi  
Anand (Gujarat) 387 310
12. Dr R P Tewari  
National Research Centre for Mushroom  
Chambaghat,  
Solan (Himachal Pradesh) 173 213
13. Dr M Kochu Babu  
National Research Centre for Oilpalm  
Pedavegi (Andhra Pradesh) 534 450
14. Dr K E Lawande  
National Research Centre for Onion and Garlic  
Rajguru Nagar  
Pune, (Maharashtra) 410 505



15. Dr R P Medhi  
National Research Centre for Orchids  
Pakyang (Sikkim) 737 106
  16. Dr P Ananda Kumar  
National Research Centre for Plant Biotechnology  
Indian Agricultural Research Institute  
Pusa  
New Delhi 110 012
  17. Dr Vilas T Jadhav  
National Research Centre on Pomegranate  
C/o Centre on Rabi Sorghum  
NH 9 Bye Pass  
Shelgi, Solapur (Maharashtra) 413 007
  18. Dr Arvind Kumar  
National Research Centre for Rapeseed and Mustard  
P B 41, Bharatpur (Rajasthan) 321 303
  19. Dr B B Vashishtha  
National Research Centre for Seed Spices  
Tabiji, Ajmer (Rajasthan) 305 206
  20. Dr N Seetharama  
National Research Centre for Sorghum  
Rajendranagar  
Hyderabad (Andhra Pradesh) 500 030
  21. Dr G S Chauhan  
National Research Centre for Soybean  
Bhawerkua Farm, Khandwa Road,  
Indore (Madhya Pradesh) 452 017
  22. Dr Ashwani Kumar  
National Research Centre of Water Technology for  
Eastern Region,  
Chandrasekharapur,  
Bhubaneswar (Orissa) 751 023
  23. Dr J G Varshney  
National Research Centre for Weed Science  
Maharajpur, Adhartal  
Jabalpur (Madhya Pradesh) 482 004
- Animal Sciences and Fisheries**
24. Dr K M L Pathak  
National Research Centre on Camel  
Jorbeer, PB 07, Bikaner (Rajasthan) 334 001
  25. Dr S K Dwivedi  
National Research Centre for Equines  
Sirsa Road, Hisar (Haryana) 125 001
  26. Dr N Kondaiah  
National Research Centre on Meat and  
Meat Products  
CRIDA Campus, Santosnagar  
Hyderabad (Andhra Pradesh) 500 059
  27. Dr Chandan Rajkhowa  
National Research Centre for Mithun  
ICAR Research Complex  
Jharnapani, Medziphema (Nagaland) 797 106
  28. Dr Anuprata Das  
National Research Centre for Pigs  
Panjabari Road, 6th Mile, Guwahati (Assam) 785 037
  29. Dr Mohan Bhattacharya  
National Research Centre on Yak  
West Kemeng, Dirang (Arunachal Pradesh) 790 101
  30. Dr P C Mahanta  
National Research Centre for Coldwater Fisheries  
Saurabh Cottage, Thandi Sarak  
Naintal (Uttaranchal) 263 136
- General**
31. Dr P K Joshi  
National Centre for Agricultural Economics and  
Policy Research  
Library Avenue, Pusa, New Delhi 110 012
  32. Dr (Ms) Krishna Srinath  
National Research Centre for Women in Agriculture  
1199, Jagamara  
Bhubaneswar (Orissa) 751 030

## APPENDIX 8

### A. ALL-INDIA CO-ORDINATED RESEARCH PROJECTS AND PROJECT/NETWORK CO-ORDINATORS

#### Crop Sciences

1. Dr B Mallik  
Project Co-ordinator (Acarology)  
UAS  
GKVK, Hebbal, Bangalore (Karnataka) 560 065
2. Dr D Kumar  
Project Coordinator (Arid Legumes)  
CAZRI  
Jodhpur (Rajasthan) 342 003
3. Dr D M Hegde  
Project Co-ordinator (Castor)  
Directorate of Oilseeds Research  
Rajendranagar, Hyderabad (Andhra Pradesh) 500 030
4. Dr N Gopala Krishan  
Project Co-ordinator (Cotton)  
CICR Research Station, PO Lawley Road,  
Coimbatore  
(Tamil Nadu) 641 003
5. Dr N P Singh  
Project Co-ordinator (Chickpea)  
Indian Institute of Pulses Research  
Kalyanpur, Kanpur (Uttar Pradesh) 208 024
6. Dr S A Faruqi  
Project Co-ordinator (Forage Crops)  
Indian Grassland and Fodder Research Institute  
PO Pahuj Dam, Jhansi-Gwalior Road  
Jhansi (Uttar Pradesh) 284 003
7. Dr M S Basu  
Project Coordinator (Groundnut)  
NRC on Groundnut  
Junagarh (Gujarat) 362 001
8. Dr R K Lakra  
Project Co-ordinator (Honeybees and Pollinators)  
Division of Entomology  
CCS Haryana Agricultural University  
Hisar (Haryana) 125 004
9. M K Sinha  
Network Co-ordinator (Jute and Allied fibres)  
Central Research Institute for Jute and Allied Fibres  
Barrackpore (West Bengal) 700 120
10. Dr R L Srivastava  
Project Co-ordinator (Linseed)  
CSA University of Agriculture and Technology  
Kanpur  
(Uttar Pradesh) 208 002
11. Dr Sain Dass  
Project Co-ordinator (Maize)  
Directorate of Maize Research  
New Delhi 110 012
12. Dr B B Singh  
Project Co-ordinator (MULLARP)  
Indian Institute of Pulses Research  
Kalyanpur, Kanpur  
(Uttar Pradesh) 208 024



13. Dr R K Jain  
Project Co-ordinator (Nematodes)  
Division of Nematology  
Indian Agricultural Research Institute, Pusa  
New Delhi 110 012
14. Dr V Vasudeva Rao  
Project Co-ordinator (Ornithology)  
ANGRAU, Rajendranagar  
Hyderabad (Andhra Pradesh) 500 030
15. Dr I S Khairwal  
Project Co-ordinator (Pearl Millet)  
Agricultural Research Station, RAU, Mandore  
Jodhpur (Rajasthan) 342 304
16. Dr K K Sharma  
Project Coordinator (Pesticide Residues)  
Division of Agricultural Chemicals, LBS Building  
Indian Agricultural Research Institute, Pusa  
New Delhi 110 012
17. Dr N D Majumdar  
Project Co-ordinator (Pigeonpea)  
Indian Institute of Pulses Research  
Kalyanpur, Kanpur (Uttar Pradesh) 208 024
18. Dr D M Hegde  
Project Coordinator (Safflower and Sunflower)  
Directorate of Oilseeds Research  
Hyderabad, Andhra Pradesh 500 030
19. Dr S S Duhoon  
Project Co-ordinator (Sesame and Niger)  
JNKVV, Jabalpur (Madhya Pradesh) 482 004
20. Dr S Seetharama  
Project Co-ordinator (Sorghum)  
National Research Centre for Sorghum  
Rajendranagar, Hyderabad (Andhra Pradesh) 500 030
21. Dr K T Krishne Gowda  
Project Co-ordinator (Small Millets)  
University of Agricultural Sciences  
GKVK Campus, Bangalore (Karnataka) 560 065
22. Dr G S Chauhan  
Project Co-ordinator (Soybean)  
NRC on Soybean  
Indore (MP) 452 017
23. Dr O K Sinha  
Project Co-ordinator (Sugarcane)  
Indian Institute of Sugarcane Research  
Lucknow (Uttar Pradesh) 226 002
24. Dr B C Viraktamath  
Project Coordinator (Rice)  
Directorate of Rice Research  
Hyderabad, Andhra Pradesh 500 030
25. Project Co-ordinator (Rapeseed Mustard)  
NRCRM, Sewar  
Bharatpur (Rajasthan) 321 303
26. Dr R S Tripathi  
Project Co-ordinator (Rodent Control)  
CAZRI, Jodhpur (Rajasthan) 342 003
27. Dr V Krishnamurthy  
Project Co-ordinator (Tobacco)  
CTRI, Rajamundry (Andhra Pradesh) 533 105
28. Dr R P Dua  
Network Co-ordinator (Under-utilized crops)  
NBPGR, Pusa, New Delhi 110 012
29. Dr B Mishra  
Project Co-ordinator (Wheat and Barley)  
Directorate of Wheat Research  
Karnal (Haryana) 132 001
30. Dr Y S Mathur  
Project Co-ordinator (White Grubs and other soil  
arthropods)  
Agricultural Research Station, RAO  
Jaipur (Rajasthan) 302 018

## Horticulture

31. Dr T A More  
Project Coordinator (Arid Fruits)  
Central Institute of Arid Horticulture  
Bikaner (Rajasthan) 334 006
32. Dr Satyabrata Maiti  
Network Co-ordinator (Betelvine)  
NRC on Medicinal and Aromatic Plants  
Anand (Gujarat) 387 310
33. Dr Gopala Krishna Bhat  
Project Co-ordinator (Cashew)  
National Research Centre for Cashew  
Puttur (Karnataka) 574 202
34. Dr R L Misra  
Project Co-ordinator (Floriculture)  
Division of Floriculture and Landscaping  
Indian Agricultural Research Institute, Pusa  
New Delhi 110 012
35. Dr R P Tiwari  
Project Coordinator (Mushrooms)  
National Centre for Mushroom Research and Training  
Chambaghat, Solan (Himachal Pradesh) 173 213
36. Dr Satyabrata Maiti  
Project Coordinator (Medicinal and Aromatic Plants),  
Boraivi  
Anand (Gujarat) 387 310
37. Dr S Arulraj  
Project Co-ordinator (Palms)  
Central Plantation Crops Research Institute  
Kasaragod (Kerala) 671 124
38. Dr P S Naik  
Project Co-ordinator (Potato)  
Central Potato Research Institute  
Shimla (Himachal Pradesh) 171 001
39. Project Co-ordinator (Subtropical Fruits)  
Central Institute for Subtropical Horticulture  
Rahmankhera, Lucknow (Uttar Pradesh) 227 107
40. Dr M Anandraj  
Project Co-ordinator (Spices)  
Indian Institute of Spices Research  
PB 170, Marikunnu, Calicut (Kerala) 673 012
41. Dr G S R Murti  
Project Co-ordinator (Tropical Fruits)  
Indian Institute of Horticultural Research  
Hessarghatta Lake Post  
Bangalore (Karnataka) 560 089
42. Dr M S Palaniswami  
Project Co-ordinator (Tuber Crops), Regional Station  
of the Central Tuber Crops Research Institute  
Thiruvananthapuram (Kerala) 695 017
43. Dr Mathura Rai  
Project Co-ordinator (Vegetables)  
Indian Institute of Vegetable Research  
Varanasi (Uttar Pradesh) 221 005

## Natural Resource Management

44. Dr G G S N Rao  
Project Co-ordinator (Agricultural Meteorology)  
CRIDA Campus  
Santoshnagar  
Hyderabad (Andhra Pradesh) 500 059
45. Dr D L N Rao  
Network Co-ordinator (Bio-fertilizers)  
Indian Institute of Soil Science  
Bhopal (Madhya Pradesh) 462 038
46. Dr S K Dhyani  
Project Co-ordinator (Agroforestry)  
National Research Centre on Agroforestry  
Jhansi (Uttar Pradesh) 284 003
47. Dr M S Gill  
Project Co-ordinator (Cropping Systems Research)  
Project Directorate of Cropping Systems Research  
Modipuram, Meerut (Uttar Pradesh) 250 110



48. Dr G Subba Reddy  
Project Co-ordinator (Dryland Agriculture)  
CRIDA Campus, Santoshnagar  
Hyderabad (Andhra Pradesh) 500 059
49. Dr Muneshwar Singh  
Project Co-ordinator (Long-term Fertilizer Experiments)  
Indian Institute of Soil Science  
Bhopal (Madhya Pradesh) 462 038
50. Dr S K Gupta  
Project Co-ordinator (Management of Salt-affected  
Soils and Saline Water in Agriculture)  
Central Soil Salinity Research Institute  
Karnal (Haryana) 132 001
51. Dr Mahavir Singh  
Project Co-ordinator (Micronutrients and  
Secondary Nutrients and Pollutant Elements in  
Soils and Plants)  
Indian Institute of Soil Science  
Bhopal (Madhya Pradesh) 462 038
52. Dr Ashwani Kumar  
Project Co-ordinator (Optimization of Ground  
Water Utilization)  
Khurda, Bhubaneswar (Orissa) 751 023
53. Dr Y Muralidharudu  
Project Co-ordinator (Soil Test and Crop Response)  
Indian Institute of Soil Science  
Bhopal (Madhya Pradesh) 462 038
54. Dr Ashwani Kumar  
Project Co-ordinator (Water Management)  
WTC for Eastern Region  
Bhubaneswar (Orissa) 751 023
55. Dr J G Vashncy  
Project Co-ordinator (Weed Control)  
National Research Centre for Weed Science  
Adhartal  
Jabalpur (Madhya Pradesh) 482 004

#### Engineering and Technology

56. Dr P R Bhatnagar  
Project Co-ordinator (Application of Plastic in  
Agriculture)  
Central Institute of Post-harvest Technology  
Ludhiana (Punjab) 141 004
57. Dr L P Gite  
Project Co-ordinator (Ergonomics and Safety in  
Agriculture)  
Central Institute of Agricultural Engineering  
Bhopal (Madhya Pradesh) 462 038
58. Dr Surendra Singh  
Project Co-ordinator (Farm Implements and Machinery)  
Central Institute of Agricultural Engineering  
Bhopal (Madhya Pradesh) 462 038
59. Dr S K Nanda  
Project Co-ordinator (Post-Harvest Technology)  
Central Institute of Post-Harvest Technology  
Ludhiana (Punjab) 141 004
60. Dr M Shyam  
Project Co-ordinator (Renewable Sources of Energy  
for and Agriculture and Agro-based Industries)  
Central Institute of Agricultural Engineering  
Bhopal (Madhya Pradesh) 462 038
61. Dr S K Rautaray  
Project Co-ordinator (Utilization of Animal Energy)  
Central Institute of Agricultural Engineering  
(Madhya Pradesh) 462 038

#### Animal Sciences

62. Project Co-ordinator (ADMAS)  
Project Directorate on Animal Disease Monitoring  
and Surveillance  
Hebbal, Bangalore (Karnataka) 560 024
63. Dr J K Malik  
Network Co-ordinator (Blue tongue)  
IVRI  
Izatnagar (Uttar Pradesh) 243 122
64. Dr R K Sethi  
Network Co-ordinator (Buffalo improvement)  
CIRB  
Hisar (Haryana) 125 001
65. Project Co-ordinator (Cattle)  
Project Directorate on Cattle  
Meerut (Uttar Pradesh) 250 002
66. Dr K T Sampath  
Project Co-ordinator (Feed Resources and  
Nutrient Utilization)  
NIANP  
Audugodi, Bangalore (Karnataka) 560 030
67. Project Co-ordinator (FMD)  
Project Directorate on Foot and Mouth Diseases  
IVRI Campus  
Mukteshwar (Uttar Pradesh) 263 138
68. Dr N P Singh  
Project Co-ordinator (Goats)  
Central Institute for Research on Goat  
Mathura (Uttar Pradesh) 281 122
69. Dr J K Malik  
Network Co-ordinator (Haemorrhagic Septicaemia)  
IVRI, Izatnagar 243 122
70. Dr J K Malik  
Network Co-ordinator (Gastro-intestinal parasitism)  
IVRI, Izatnagar (Uttar Pradesh) 243 122
71. Project Co-ordinator (Pigs)  
NRC on Pigs  
Guwahati (Assam) 781 037
72. Dr R P Sharma  
Project Co-ordinator (Poultry)  
AICRP on Poultry Breeding  
Project Directorate on Poultry  
Rajendranagar  
Hyderabad (Andhra Pradesh) 500 030
73. Dr B K Joshi  
Network Co-ordinator (Animal Genetic Resources)  
NBAGR  
Karnal (Haryana) 132 001
74. Dr G R Patil  
Network Co-ordinator (Process Upgradation of  
indigenous milk)  
NDRI, Karnal (Haryana) 132 001
75. Dr A L Arora  
Network Co-ordinator (Sheep Improvement)  
CSWRI  
Avikanagar (Rajasthan) 304 501

#### Education

76. Dr Suman Agarwal (Home Science)  
NRC for Women  
Bhubaneswar (Orissa) 751 001



## APPENDIX 9

### AGRICULTURAL UNIVERSITIES AND THEIR VICE-CHANCELLORS

1. Mr Ajeya Kallam  
Acharya N G Ranga Agricultural University  
Rajendranagar,  
Hyderabad (Andhra Pradesh) 500 030
2. Dr M C Varshneya  
Anand Agricultural University  
Anand (Gujarat) 388 110
3. Dr S S Baghel  
Assam Agricultural University, Jorhat  
(Assam) 785 013
4. Dr R K Samanta  
Bidhan Chandra Krishi Vishwa Vidyalaya  
Mohanpur, Nadia (West Bengal) 741 252
5. Dr N N Singh  
Birsa Agricultural University  
Ranchi (Jharkhand) 834 006
6. Dr V K Suri  
Chandra Shekhar Azad University of Agriculture  
and Technology,  
Kanpur (Uttar Pradesh) 208 002
7. Dr J C Katyal  
Chaudhary Charan Singh Haryana Agricultural  
University, Hisar (Haryana) 125 004
8. Dr Tej Partap  
Ch Sarwan Kumar Krishi Vishwavidyalaya  
Palampur (Himachal Pradesh) 176 062
9. Dr Vijay Mehta  
Dr Balaesahib Sawant Konkan Krishi Vidyapeeth  
Dapoli (Maharashtra) 415 712
10. Dr V M Mayande  
Dr Panjabrao Deshmukh Krishi Vidyapeeth  
Akola (Maharashtra) 444 104
11. Dr Jagmon Singh  
Dr Yashwant Singh Parmar University of  
Horticulture and Forestry  
Nauni, Distt Solan (Himachal Pradesh) 173 230
12. Dr A P Sharma  
Govind Ballabh Pant University of Agriculture  
and Technology  
Pantnagar (Uttaranchal) 263 145
13. Dr V K Taneja  
Guru Angad Dev Veterinary and Animal Sciences  
University  
PAU Campus, Ludhiana, Punjab 141 004
14. University of Horticulture and Forestry  
Ranichauri, Tehri Garhwal
15. Dr C R Hazra  
Indira Gandhi Krishi Vishwavidyalaya  
Raipur (Chhatisgarh) 492 012
16. Dr Gautam Kalloo  
Jawaharlal Nehru Krishi Vishwa Vidyalaya  
Jabalpur  
(Madhya Pradesh) 482 004
17. Dr B K Kikani  
Junagarh Agricultural University  
Junagarh (Gujarat) 362 001
18. Dr R N Sreenivas Gowda  
Karnataka Veterinary, Animal and Fisheries  
Sciences University  
Bidar (Karnataka) 585 401
19. Dr K R Viswambharan  
Kerala Agricultural University  
Vellanikara, Distt Trichur (Kerala) 680 656
20. Dr R B Deshmukh  
Mahatma Phule Krishi Vidyapeeth  
Rahuri (Maharashtra) 413 722
21. Dr S S Kadam  
Marathwada Agricultural University  
Parbhani  
(Maharashtra) 431 402
22. Dr S L Mehta  
Maharana Pratap University of Agriculture and  
Technology  
Udaipur  
(Rajasthan) 313 001
23. Dr Basant Ram  
Narendra Dev University of Agriculture  
and Technology  
Faizabad (Uttar Pradesh) 224 229
24. Dr R P S Ahlawat  
Navsari Agricultural University  
Navsari (Gujarat) 396 450
25. Dr D P Ray  
Orissa University of Agriculture and Technology  
Bhubaneswar (Orissa) 751 003
26. Dr Manjit Singh Kang  
Punjab Agricultural University  
Ludhiana (Punjab) 141 004
27. Dr Pratap Narain  
Rajasthan Agricultural University  
Bikaner (Rajasthan) 334 002
28. Dr N L Maurya  
Rajendra Agricultural University  
Samastipur, Pusa (Bihar) 848 125
29. Dr R C Maheshwari  
Sardar Krishi Nagar Dantiwada Agricultural University  
Dantiwada (Gujarat) 385 506
30. Dr M P Yadav  
Sardar Ballabh Bhai Patel University of Agriculture  
and Technology  
Modipuram, Meerut (Uttar Pradesh) 250 110
31. Dr Anwar Alam  
Sher-E-Kashmir University of Agricultural Sciences  
and Technology  
Srinagar (Jammu and Kashmir) 191 121
32. Dr Nagendra Sharma  
Sher-e-Kashmir University of Agricultural  
Sciences and Technology  
45-B, Gandhinagar, PB 37  
Jammu (Jammu and Kashmir) 180 012
33. Dr Priyadarshi Dash  
Sri Venkateswara Veterinary University  
Tirupati (Andhra Pradesh) 517 502
34. Dr C Ramasamy  
Tamil Nadu Agricultural University  
Coimbatore (Tamil Nadu) 641 003
35. Dr P Thangaraju  
Tamil Nadu Veterinary and Animal Sciences  
University, Chennai (Tamil Nadu) 600 051
36. Dr P G Chengappa  
University of Agricultural Sciences, GKVK  
Bangalore (Karnataka) 560 065
37. Dr J H Kulkarni  
University of Agricultural Sciences  
Dharwad (Karnataka) 580 005
38. Dr C S Chakrabarti  
West Bengal University of Animal and  
Fishery Sciences, 68KB Sarani  
Kolkata (West Bengal) 700 037
39. Dr Arun S Ninawe  
Maharashtra Animal Sciences and Fisheries University  
Nagpur (Maharashtra) 440 006



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40. Dr M L Madan  
UP Deen Dayal Upadhyaya Veterinary and Animal Science  
University  
Mathura (Uttar Pradesh) 281 001
  41. Dr M K Majumder  
Uttar Banga Krishi Vishwavidyalaya  
Pundibari, Cooch  
Bihar (West Bengal) 736 165

#### **Central Agricultural University**

1. Dr S N Puri  
Central Agricultural University  
Imphal (Manipur) 795 004

#### **Central Universities**

1. Dr Naseem Ahmad  
Aligarh Muslim University  
Aligarh (Uttar Pradesh) 202 002
2. Dr Panjab Singh  
Banaras Hindu University  
Varanasi (Uttar Pradesh) 221 005
3. Professor Rajat Kumar Roy  
Upacharya, Visva Bharati  
Sriniketan (West Bengal) 731 236

4. Prof K Kannan  
School of Agricultural Sciences and Rural  
Development  
Nagaland University  
Medziphema (Nagaland) 797 106

#### **Deemed-to-be Universities**

1. Dr S A Patil  
Indian Agricultural Research Institute  
Pusa, New Delhi 110 012
2. Dr S P S Ahlawat  
Indian Veterinary Research Institute  
Izatnagar  
(Uttar Pradesh) 243 122
3. Dr Sushil Kumar  
National Dairy Research Institute  
Karnal (Haryana) 132 001
4. Dr Dilip Kumar  
Central Institute of Fisheries Education  
Jaiprakash Road,  
Seven Bungalows, Versova  
Mumbai (Maharashtra) 400 061
5. Dr R B Lal  
Allahabad Agricultural Institute  
Allahabad (Uttar Pradesh) 211 007



**APPENDIX 10**

**Total number of employees in the ICAR and its research institutes and number of Scheduled Castes, Scheduled Tribes and Other Backward Classes\***

Sl.No.	Post	Total posts sanctioned	Total employees in position	Total scheduled castes among them	Total scheduled tribes among them	Total OBC among them
<b>1.</b>	<b>Scientific Post</b>					
	Scientist	3,881	2,973	343	58	315
	Senior Scientist	1,651	675	54	5	41
	Principial Scientist	749	437	41	4	13
	RMP Scientist	147	99	2	2	3
	<b>Total</b>	<b>6,428</b>	<b>4,184</b>	<b>440</b>	<b>69</b>	<b>372</b>
<b>2.</b>	<b>Technical Posts</b>					
	Category I	4,469	3,829	684	304	349
	Category II	2,798	2,648	514	165	248
	Category III	626	642	102	31	35
	<b>Total</b>	<b>7,893</b>	<b>7,119</b>	<b>1,300</b>	<b>500</b>	<b>632</b>
<b>3.</b>	<b>Administration Posts</b>					
(a)	Directors/Dy.Secretaries	242	187	32	24	7
	Under Secretaries/ Sr. Admn. Officer/ Sr. Accounts Officer/ Admn. Officer/ F&AO/Legal, PS etc.					
(b)	Asstt. Fin. & Accounts Officer/Accounts Officer Section Officer/Hindi Officer/Desk Officer/	546	507	73	25	24
(c)	Assistants	1,267	1,027	187	95	58
(d)	Stenographers	466	454	82	17	27
(e)	UDC/Senior Clerk	1,429	1,426	270	94	82
(f)	LDC/Junior Clerk	864	754	142	48	107
	<b>Total</b>	<b>4,814</b>	<b>4,355</b>	<b>786</b>	<b>303</b>	<b>305</b>
<b>4.</b>	<b>Supporting Staff</b>					
	Grade I	3,378	2,871	745	145	530
	Grade II	3,476	3,100	924	221	180
	Grade III	1,947	1,867	479	144	83
	Grade IV	921	865	231	92	34
	<b>Total</b>	<b>9,722</b>	<b>8,703</b>	<b>2,379</b>	<b>602</b>	<b>827</b>
<b>5.</b>	<b>Supporting Staff</b>					
	(Safaiwala)	219	226	123	2	2
	<b>Auxillary posts</b> (dying cadre)	39	35	4	—	—
	<b>Total</b>	<b>258</b>	<b>261</b>	<b>127</b>	<b>2</b>	<b>2</b>

\*Based on the data available till 31 March 2007



## APPENDIX 11

### AWARDS

AWARD	AWARDEES
<b>Sardar Patel Outstanding Institution Award (2006)</b>	<p><i>ICAR Institutes</i></p> <p>(i) Central Institute for Fisheries Technology, Cochin</p> <p><i>State Agricultural Universities</i></p> <p>Nil</p> <p><i>NRC/Project Directorates</i></p> <p>(i) Water Technology Centre for Eastern region, Bhabaneshwar</p>
<b>Jawaharlal Nehru Award for Outstanding Post-graduate Agricultural Research (2006)</b>	<p><i>Crop Improvement</i></p> <p>Nil</p> <p><i>Biotechnology</i></p> <p>(i) Dr M Sheshu Madhav, DRR, Hyderabad, Andhra Pradesh</p> <p>(ii) Dr J Keshari Mohapatra, Project Directorate on FMD, IVRI, Mukteswar, Uttarakhand</p> <p><i>Plant Protection</i></p> <p>(i) Hameeda Bee, RC Puram, Hyderabad, Andhra Pradesh</p> <p>(ii) Dr Binu Antony, Mekkadampu, Kerala</p> <p><i>Natural Resource Management</i></p> <p>(i) Dr B Asha Jyothi, Jaggapuram, Guntur Distt, Andhra Pradesh</p> <p>(ii) Dr T Sherenee Jenita Rajammal, Eruvadi, Tamil Nadu</p> <p><i>Horticulture</i></p> <p>(i) Dr K Dinesh Babu, ICAR Research Complex for NEH region, Umiam, Meghalaya</p> <p>(ii) Dr Deepa S Nair, KVK, Kottayam, Kerala</p> <p><i>Engineering and Technology</i></p> <p>(i) Dr D K Singh, CIAE, Bhopal, Madhya Pradesh</p> <p>(ii) Dr Ram Chandra Singh, CIAE, Bhopal, Madhya Pradesh</p> <p><i>Animal Sciences</i></p> <p>(i) Dr Paresh Nath Chatterjee, Shera Bazar Power House, Burdwan, West Bengal</p> <p>(ii) Dr S Gounalan, High Security Animal Disease Laboratory, IVRI, Izatnagar, Uttar Pradesh</p> <p>(iii) Dr S C Roy, NIANP, Bangalore, Karnataka</p> <p><i>Fisheries</i></p> <p>(i) Dr V Jyothi V Mallia, Pandikudy, Cochin, Kerala</p> <p><i>Social Sciences</i></p> <p>(i) Dr Pratima C Bilehal, Dharwad, Karnataka</p> <p>(ii) Dr P S Swathi Lakshmi, CMFRI, Mangalore, Karnataka</p>
<b>N.G. Ranga Farmer Award for Diversified Agriculture (2006)</b>	<p>(i) Mr Patil Vishwas Rao Anandrao Lohara, Jalgaon, Maharashtra</p> <p>(ii) Mr Bhikhabhai Jivabhai Bhutadiya, Chamga Banaskontha, Gujarat (<i>Jointly</i>)</p>
<b>Panjabrao Deshmukh Women Agricultural Scientist Award (2006)</b>	<p>(i) Dr Kausalya Ramachandran, CRIDA, Hyderabad, Andhra Pradesh</p> <p>(ii) Dr Alka Goel, GBPUAT, Pantnagar, Uttarakhand</p>
<b>Vasant Rao Naik Award for Research Applications in Dryland Agriculture (2006)</b>	<p>(i) Late Dr Asha Ram Pal and Associates Dr Dinesh Kumar Rusia and Onkar Prasad Dubey Dr Govind Prasad Pali and Dr Ramesh Chandra Srivastav, IGAU, Raipur, Chhattisgarh</p>
<b>Chaudhary Devi Lal Outstanding AICRP Award (2006)</b>	<p>(i) Regional Station, CICR, AICRP on Cotton Improvement, Coimbatore</p>



**Chaudhary Charan Singh Award for Excellence in Journalism in Agricultural Research & Development (2005)**

- (i) Mrs Snehalata Srivastav  
*The Hitavada*, Nagpur

**Hari Om Ashram Award for the Biennium (2005–06)**

*Crop Science*

- (i) Dr Hari C Sharma, ICRISAT, Patanchuru, Andhra Pradesh

*Natural Research Management*

- (i) Er Krishna Pratap Singh, Dr Somresh Kundu and Dr H S Gupta, VPKAS, Almora, Uttarakhand

*Horticulture*

- (i) Dr Sanjay Kumar and Dr Vishaw Bandhu Patel, IARI, New Delhi

*Animal Health*

- (i) Dr Niranjana Mishra and Associate Dr H K Madhav, High Security Animal Disease Laboratory IVRI, Bhopal

**Lal Bahadur Shastri Young Scientists Award for the Biennium (2005–06)**

*Crop Science*

- (i) Dr Mohd. Akram, CSAUA & T, Kanpur, Uttar Pradesh  
(ii) Dr Sanjay Kumar Singh, DWR, Karnal, Haryana

*Soil Science, Agronomy and Agroforestry*

- (i) Dr Raveendra H Patil, AICRP on Safflower Annigeri, Dharwad, Karnataka  
(ii) Dr Anupama, IARI, New Delhi

*Horticulture*

- (i) Dr Rhitu Rai, IARI, New Delhi

*Engineering*

- (i) Dr Abhijit Kar, IARI, New Delhi

*Animal Sciences*

- (i) Dr V Balamurugan, IVRI, Nainital Mukteswar  
(ii) Dr A Kumaresan, ICAR Research Complex for NEH region, Umiam, Nagaland

*Social Sciences and Home Science*

- (i) Dr Ranjit Kumar, IISS, Bhopal  
(ii) Dr Cini Verghese, IASRI, New Delhi (*Jointly*)

**Jagjivan Ram Kisan Puraskar (2006)**

*Crop Protection*

- (i) Mr Sursing Madhavrao Pawar, Khandamabe Budruk, Rahuri, Maharashtra and Mr Ram Saran Verma, Daulatpur Barabanki, Uttar Pradesh and Mr Sharad Baburao Patil, Mawalgaon, Latur, Maharashtra and  
(ii) Ms Maltiben Joitaram Chaudhary, Pratappura, Kalol, Gujarat

**Rafi Ahmed Kidwai Award for the Biennium (2005–06)**

*Crop Improvement and Crop Protection*

- (i) Dr Banawari Mishra, DWR, Karnal, Haryana  
(ii) Dr Nagendra Kumar Singh, NRC on Plant Biotechnology, New Delhi

*Natural Resource Management*

- (i) Dr Thakur Bahadur Singh Rajput, WTC, IARI, New Delhi

*Engineering and Technology*

- (i) Dr V N Sharda, CSWCR & TI, Dehradun, Uttarakhand

*Horticulture*

- (i) Dr S K Pandey, CPRI, Shimla, Himachal Pradesh

*Animal Sciences*

- (i) Dr A K Misra, Project Directorate on Cattle, Meerut  
(ii) Dr Devki Nandan Kamra, IVRI, Izatnagar, Uttar Pradesh

*Fisheries and Aquatic Life Sciences*

- (i) Dr Indrani Karunasagar, College of Fisheries, Mangalore, Karnataka



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**Swami Sahajanand Saraswati  
Extension Scientist/Worker Award  
for the Biennium (2005–06)**

*Crop Production*

- (i) Dr Neeraj Singh, IIVR, Varanasi, Uttar Pradesh
- (ii) Dr Satya Pal Goyal, KVK,  
Kurukshetra, Haryana (Jointly)

*Livestock Production*

- (i) Dr Hans Ram Meena, IVRI, Mukteswar, Uttarakhand

*Natural Resource Management*

- (i) Dr V Ramamurthy, NBSS & LUP, Hebbal, Bangalore,  
Karnataka

*Home Science*

- (i) Dr Mamta Tiwari, Mahaveer Nagar, Kota, Rajasthan



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## APPENDIX 12

### MINISTRY OF AGRICULTURE INDIAN COUNCIL OF AGRICULTURAL RESEARCH

#### Summary of Audit observation

##### **Unfruitful expenditure**

“National Institute of Research on Jute and Allied Fibre Technology (NIRJAFT), Kolkata, a unit of Indian Council of Agricultural Research (ICAR) undertook a project titled “Development of jute based ratine yarn, a fancy yarn, for making heavier type of upholstery and furnishing fabrics” in April 1996 at a cost of Rs. 10.86 lakh for a period of four years. The project was successfully completed in March 2000 after developing the ratine yarn. On the recommendations of the Research Advisory Committee (RAC), NIRJAFT undertook another project titled “Development of 10-spindle Jute based ratine yarn machine” in April 2000 for a period of one year. The objective of the second project was to design, develop and fabricate a machine for manufacturing jute based ratine yarn in large scale and also commercialise it. The project was declared complete in September 2001 after developing a 10-spindle machine with an expenditure of Rs. 10.22 lakh. As per the completion report of the project, the standardization of process variables for preparation of jute based fancy yarn on the developed machine was required to be taken up. In the meantime, NIRJAFT in January 2002 initiated the process for filing of patent on the technology developed and undertook the work of its standardization.”

Audit examination disclosed that the patenting and standardization had not been done even as of October 2006. The process of patenting and standardization did not progress after November 2002 after the death of the concerned project investigator. The attempts of NIRJAFT towards patenting and standardization of the technology developed for commercialization did not succeed as it failed to trace the documents maintained by the deceased project investigator. Thus, the technology developed at a cost of Rs. 21.08 lakh could not be patented and commercialized.

##### **Council's comments/reply**

The ICAR has already submitted its reply to the Principal Director of Audit (Scientific Departments) that as per the mandate of the Projects, the jute based ratine yarn, a fancy yarn was developed in March 2000 and designing of a 10-spindle machine for making the fancy yarn was also completed in September, 2001. Accordingly, the Principal Investigator(PI) initiated the process of patenting of concept only. After sudden demise of the PI in November, 2002, the Institute has been actively pursuing the residual work. The same is expected to be completed shortly and accordingly action would be taken towards patenting and transfer of technology.

