

ICAR - Directorate of Weed Research, Jabalpur (M.P.)

TENTATIVE INSTITUTIONS AND DURATION OF TRAINING IN IDENTIFIED AREAS OF SKILL DEFICEINCY OF SCIENTISTS

S.No.	Identified Skill Deficient Areas for Training	Suitable Training Institution/Organization National Internat ional*		Approx. Duration of training (days)	Whether your Institution has capacity and competence to impart training in the area (Yes/No)
1.	Statistical data analysis & related aspects	IASRI, New Delhi	-	21	NO
2	Leadership & managerial skills	NAARM,	-	30	NO
		Hyderabad			
	MDP on leadership development				NO
	Managerial skills				NO
3.	Molecular breeding techniques	IARI, New Delhi		10	NO
	Molecular diagnostics	IARI, New Delhi		10	NO
	Molecular techniques	IARI, New Delhi		21	NO
4.	Bioinformatics & related specialised field	IASRI, New Delhi		10	NO
5.	Instrumentation techniques				NO
6.	Remote Sensing & GIS	NBSS&LUP, Nagpur		10	NO
7.	Nanotechnology & related aspects				NO
8.	Genomics				NO
9.	IPR Issues	NBPGR		15	NO
10.	Climate Change & related topics	CRRI, Cuttak		10	NO
11.	Molecular biology techniques	NRCPB		90	NO
12.	Next Generation Sequencing related aspects				NO
13.	ICT applications	IASRI, New Delhi		10	NO
14.	Research Management	NAARM, Hyderabad		5	NO
15.	Proteomics	-			NO
16.	Project management	NAARM, Hyderabad		30	NO
17.	Enhancing water & nutrient use efficiency	TNAU, Coimbatore		7	NO

18.	Hyperspectral thermal imaging for quality			NO
	and safety evaluation			
19.	Precision farming & related aspects	IARI, New Delhi	15	NO
20.	Advances in modelling and climate change	,		NO
21.	FMS/MIS	IASRI, New Delhi	10	NO
22.	Data base management, digitization	IASRI, New Delhi	10	NO
23.	Administrative & service rules			NO
24.	Impact assessment of agri. technology/Extn.	NAARM,	10	NO
	Etc.	Hyderabad		
		NCAP, New Delhi		
25.	Pesticide residue analysis/estimation.	NRCIPM	7	YES
	(Herbicide residue analysis)	TNAU,		
		Coimbatore		
26.	Germplasm characterisation, conservation	NBPGR, New	30	NO
	etc.	Delhi		
27.	Crop modelling and simulation	ICRISAT,	30	NO
		Hyderabad		
28.	Computer applications			NO
29.	Stress management			NO
30.	Biotechnological tools & approaches	NRCPB	7	NO
		TNAU,		
		Coimbatore		
31.	Gender issues and mainstreaming			NO
32.	Phenomics			NO
33.	C- sequestration			NO
34.	Marker assisted selection			NO
35.	Communication skills			NO
36.	Membrane processing for preparation of			NO
	protein concentrates			
37.	Research methodology			NO
38.	Econometrics			NO
39.	Hyperspectral remote sensing and thermal			NO
	imaging			
40.	Knowledge management			NO
41.	Metagenomics	TNAU,	20	NO
		Coimbatore		
42.	Software applications	IASRI, New Delhi	90	NO
43.	Nutraceutical& functional foods			NO
44.	Bio-control agents	TNAU,	10	NO
		Coimbatore		
45.	Biotic & abiotic stress management			NO
46.	Double haploid production			NO
47.	Metabolomics			NO
48.	Research conceptualisation and development	NAARM,	5	NO
	of writing and communication skill	Hyderabad		
49.	Experimental design and statistical data	IASRI, New Delhi	21	NO
50	analysis PHT			NO
50.	LUI			NO

51.	Biodiversity conservation and management			NO
52.	GIS applications	NBSS&LUP,	10	NO
		Nagpur		
53.	Use of HPLC, GC-MS, LCMS etc.			NO
54.	Transgenic			NO
55.	Packaging tools & techniques			NO
56.	Consultancy project management			NO
57.	Entrepreneurship development			NO
58.	High throughput analysis			NO
59.	Seed quality issues			NO
60.	Value chain management			NO
61.	Biofortification and enhancement of			NO
	nutritional quality			
62.	Conservation agriculture.	ICAR-DWR,	7	YES
	(Weed Management)	Jabalpur		
63.	Farming system research and modelling			NO
64.	Omics			NO
65.	Simulation modelling			NO
66.	Stem cell technology			NO
67.	SCUBA diving			NO
68.	Decision Support System			NO
69.	DNA barcoding and finger printing	CSIR, New Delhi	30	NO
70.	Genetic resource management	NBPGR, New	30	NO
		Delhi		
71.	Human Resource Management			NO
72.	Isolation, identification and mass multiplication of native bio-control agents			NO
73.	Microscopy techniques	TNAU,	5	NO
	1	Coimbatore		
74.	Non thermal processing of foods			NO
75.	Protected cultivation			NO
76.	Scientific writing and editing	NAARM,	7	NO
		Hyderabad		
77.	Case study writing			NO
78.	Winning research proposals	NAARM,	15	NO
		Hyderabad		
79.	Nutrigenomics			NO
80.	Breeding techniques			NO
81.	Diagnostic techniques & tools	CIMAP	30	NO
82.	Environmental impact assessment			NO
83.	Functional genomics			NO
84.	Organic farming (Weed Management)	ICAR-DWR, Jabalpur	7	YES
85.	Advances in toxicology	1		NO
86.	Biosafety issues			NO
87.	Computational biology			NO
88.	Recent advances in determination of soil			NO
	contaminants			

89.	Fermentation technology			NO
90.	Gene cloning			NO
91.	Use of advance instruments in			NO
<i>,</i> 1.	nanotechnology			1,0
92.	Cage & pen culture			NO
93.	Chemical ecology related aspects			NO
94.	Cryopreservation of plant material	NBPGR, New	21	NO
		Delhi		
95.	Gene expression regulation and silencing			NO
96.	Imaging systems and techniques			NO
97.	Allele mining	NRCDF	30	NO
98.	Biopesticides (Biological Weed Control)	ICAR-DWR, Jabalpur	7	YES
99.	Design and development of sensor	_		NO
	technology			
100.	Geoinformatics			NO
101.	Geospatial analysis of NRM	NBSS&LUP,	10	NO
		Nagpur		
102.	PME			NO
103.	Tissue culture techniques	NBPGR, New	30	NO
		Delhi		
104.	Transcriptomics			NO
105.	Hydroponic and aeroponics			NO
106.	Advances in INM			NO
107.	Livestock production and management			NO
108.	Mass spectrometry applications			NO
109.	Membrane processing for preparation of			NO
	protein concentrates/isolates			
110.	Micro array techniques			NO
111.	Fisheries resources, management and aquaculture			NO
112.	Carbon Footprints in Agriculture			NO
113.	Epidemiology and disease surveillance			NO
114.	Faculty development programme on educational technology			NO
115.	Haploid breeding			NO
116.	Electron microscopy	IARI, New Delhi	7	NO
117.	Artificial neural network	IASRI, New Delhi	5	NO
118.	Association mapping	IARI, New Delhi	15	NO
119.	EDP on leadership development			NO
120.	Biosensor applications			NO
121.	Extension methodologies	IARI, New Delhi OR NAARM, Hyderabad	21	NO
122.	GHG emission and estimation			NO
123.	High pressure processing			NO
124.	Hydrological Modelling			NO
125.	Quantitative and population genetics			NO

126.	Supply chain management				NO
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- * Please suggest International Institutions/Organisations, only in case desired level competency of training is not available in a particular area within the country.
- ** ICAR-DWR, Jabalpur will be associated in imparting training in the identified skill deficient areas related to weed management listed at serial no. 25, 62, 84 and 98 and marked in red .

IDENTIFIED AREAS OF SKILL DEFICEINCY OF TECHNICAL STAFF

S.No.	Identified Skill Deficient Areas for Training	Suitable Training Institution/ Organization	Approx. Duration of training (days)	Whether your Institution has capacity and competence to impart training in the area (Yes/No)
1.	Computer application	IASRI, ISTM, New Delhi / NAARM, Hyderabad	7	No
2.	Statistical analysis & techniques	IASRI, ISTM, New Delhi / NAARM, Hyderabad	7	No
	Data management & analysis	IASRI, ISTM, New Delhi / NAARM, Hyderabad	7	No
	Experimental data analysis & graphics	IASRI, ISTM, New Delhi / NAARM, Hyderabad	7	No
3.	ERP (MIS/FMS)	IASRI, ISTM, New Delhi / NAARM, Hyderabad	7	No
4.	Instrumentation technique			
	Advance instruments in soil & plants analysis- use & maintenance			
	Lab/field equipment's -handling & maintenance			
	HPLC & GC – Use & maintenance			
	Gas & liquid chromatography – use & maintenance			
	AAS- Use & Maintenance			
5.	Designing & layout of field experiment	IARI, New Delhi	10	
	Planning, executing & maintenance of field trials & recording observations	IARI, New Delhi	10	
	Field experimentation	IARI,	10	

	1	New Delhi		
	Good laboratory practices	New Denni		
6.	KOHA(library programme)			
0.	KOHA(library programme)	NAARM,	7	
7.	Scientific photography & videography	Hyderabad	/	
		NAARM,	7	
	Digital photography & video production	,	/	
		Hyderabad	7	
8.	Leadership & team management	NAARM,	7	
		Hyderabad		
	Motivation & positive thinking			
	Stress management			
	Soft skills and personality development			
9.	Farm management	IARI,		
		New Delhi		
	Laboratory & farm management	IARI,		
		New Delhi		
10.	Farm machinery implement maintenance	CIAE, Bhopal		
	Repair & maintenance of farm machinery &	CIAE, Bhopal		
	implements			
11.	Soil, water and plant analysis	IISS, Bhopal		
	Nutrient analysis in plant & soils	IISS, Bhopal		
12.	Administrative & Service Rules awareness			
13.	Library & Information Management			
14.	Protected cultivation	IARI,	7	
17,	1 Totoctod Cultivation	New Delhi		
15.	Seed production & conservation techniques	IARI,	7	
13.	seed production & conservation techniques	New Delhi		
16.	Nursery management			
17.	Communication & scientific writing			
18.	Recording observations with respect to intensity &			
	incidence of major pests diseases of crops			
19.	Sample handling & processing			
20.	Hindi translation			
21.	Competency enhancement programme for technical	NAARM,	10	No
21.	staff	Hyderabad		
22.	Irrigation systems management			
	Irrigation & fertigation under protected cultivation			
	Micro irrigation systems-operation & management			
23.	Molecular biology techniques			
	Laboratory techniques & molecular biology			
24.	Bio-informatics			
25.	Farm mechanization			
26.	GIS & remote sensing	LBSSLUP / NAARM, Hyderabad	21	No
27.	Hybridization techniques in crops	-		
28.	CAD & drawing			

Implementation of labour law, procurements of farm store & disposal of farm produce	29.	Good agricultural practices			
store & disposal of farm produce 31. Spoken & technical writing skill in English 32. Cyber security 33. Dairy management- production & processing 34. Laboratory animals handling 35. Web designing, development & maintenance 35. Web designing, development & maintenance 36. Entreprencurship development 37. Microbial culture handling & maintenance 38. Equipment maintenance 39. Metrology & metrological data management 40. Precision agriculture 41. Value addition & food processing 42. Agricultural knowledge communication 43. ICT in Agriculture 44. Graphics & multimedia 45. Identification of insects pest/vectors 46. Networking- basics & management 47. Bio-Chemicals analysis 48. Green house management 49. Livestock's production & management 49. Livestock's production & management 50. Mass production of bio-agents 51. Mushroom production 52. Labora management 53. Mass production bio-agents 54. Physiological parameters in relation to climate change 55. Automobile maintenance 56. Laboratory schnique for quality analysis of agri-horicultural cyclenique for quality analysis of agri-hor	20	Implementation of labour law, procurements of farm			
32. Cyber security 33. Dairy management-production & processing 34. Laboratory animals handling 35. Web designing, development & maintenance IASRI, New Delhi / NAARM, Hyderabad 36. Entrepreneurship development 37. Microbial culture handling & maintenance 38. Equipment maintenance 39. Metrology & metrological data management 40. Precision agriculture 41. Value addition & food processing 42. Agricultural knowledge communication 43. ICT in Agriculture 44. Graphics & multimedia 45. Identification of insects pest/vectors 46. Networking- basics & management 47. Bio-Chemicals analysis 48. Green house management 49. Livestock's production & management 49. Livestock's production & management 50. Mushroom production 51. Mushroom production 52. Laboru management 53. Mass production of bio-agents 54. Physiological parameters in relation to climate change 55. Automobile maintenance 56. Laboratory stehnique for quality analysis of agri-horicultural crops 58. Pest & disease monitoring 59. NCIPM, Hyderabad 60. NCIPM, Hyderabad 61. NCIPM, Hyderabad 61. NCIPM, Hyderabad 62. Pest & disease monitoring 63. NCIPM, Hyderabad 64. NCIPM, Hyderabad 65. Pest & disease monitoring 65. NCIPM, Hyderabad 66. NCIPM, Hyderabad 67. NO NO NCIPM, Hyderabad 67. NO NO NCIPM, Hyderabad 68. Pest & disease monitoring 68. Pest & disease monitoring 79. NCIPM, Hyderabad	30.	store & disposal of farm produce			
33. Dairy management-production & processing 34. Laboratory animals handling 35. Web designing, development & maintenance 36. Entreprencurship development 37. Microbial culture handling & maintenance 38. Equipment maintenance 39. Metrology & metrological data management 40. Precision agriculture 41. Value addition & food processing 42. Agricultural knowledge communication 43. ICT in Agriculture 44. Graphics & multimedia 45. Identification of insects pest/vectors 46. Networking- basics & management 47. Bio-Chemicals analysis 48. Green house management 49. Livestock's production & management 49. Livestock's production & management 50. Manufacturing technology & testing of agricultural machinery 51. Mushroom production 52. Labora management 53. Mass production of bio-agents 54. Physiological parameters in relation to climate change 55. Automobile maintenance 56. Laboratory sophisticated instruments 57. Automobile maintenance 58. Pest & disease monitoring 58. Pest & disease monitoring 59. NCIPM, Hyderabad NCIPM, Hyderabad NCIPM, Hyderabad	31.	Spoken & technical writing skill in English			
34. Laboratory animals handling 35. Web designing, development & maintenance IASRI, 7 No	32.	Cyber security			
Web designing, development & maintenance IASRI, New Delhi / NAARM, Hyderabad	33.	Dairy management- production & processing			
New Delhi / NAARM, Hyderabad	34.	Laboratory animals handling			
37. Microbial culture handling & maintenance 38. Equipment maintenance 39. Metrology & metrological data management 40. Precision agriculture 41. Value addition & food processing 42. Agricultural knowledge communication 43. ICT in Agriculture 44. Graphics & multimedia 45. Identification of insects pest/vectors 46. Networking- basics & management 47. Bio-Chemicals analysis 48. Green house management 49. Livestock's production & management 49. Livestock's production & management 50. Manufacturing technology & testing of agricultural machinery 51. Mushroom production 52. Labour management 53. Mass production of bio-agents 54. Physiological parameters in relation to climate change 55. Automobile maintenance 56. Laboratory sophisticated instruments 57. Laboratory technique for quality analysis of agri-horticultural crops 58. Pest & disease monitoring 59. New Delhi NiCPM, Hyderabad	35.	Web designing, development & maintenance	New Delhi / NAARM,	7	No
38. Equipment maintenance 39. Metrology & metrological data management 40. Precision agriculture 41. Value addition & food processing 42. Agricultural knowledge communication 43. ICT in Agriculture 44. Graphics & multimedia 45. Identification of insects pest/vectors 46. Networking- basics & management 47. Bio-Chemicals analysis 48. Green house management 49. Livestock's production & management 49. Livestock's production & management 49. Livestock's production & management 50. Manufacturing technology & testing of agricultural machinery 51. Mushroom production 52. Labour management 53. Mass production of bio-agents 54. Automobile maintenance 55. Laboratory sophisticated instruments 57. Laboratory technique for quality analysis of agrihorticultural crops 58. Pest & disease monitoring 59. NCIPM, Hyderabad	36.	Entrepreneurship development			
39. Metrology & metrological data management 40. Precision agriculture 41. Value addition & food processing 42. Agricultural knowledge communication 43. ICT in Agriculture 44. Graphics & multimedia 45. Identification of insects pest/vectors 46. Networking- basics & management 47. Bio-Chemicals analysis 48. Green house management 49. Livestock's production & management 49. Livestock's production & management 50. Manufacturing technology & testing of agricultural machinery 51. Mushroom production 52. Labour management 53. Mass production of bio-agents 54. Automobile maintenance 55. Laboratory sophisticated instruments 57. Laboratory technique for quality analysis of agrihorticultural crops 58. Pest & disease monitoring 50. NCIPM, Hyderabad	37.	Microbial culture handling & maintenance			
40. Precision agriculture 41. Value addition & food processing 42. Agricultural knowledge communication 43. ICT in Agriculture 44. Graphics & multimedia 45. Identification of insects pest/vectors 46. Networking- basics & management 47. Bio-Chemicals analysis 48. Green house management 49. Livestock's production & management 49. Livestock's production & management 50. machinery 51. Mushroom production 52. Labour management 53. Mass production of bio-agents 54. Chapter of the production of bio-agents 55. Automobile maintenance 56. Laboratory sophisticated instruments 57. Laboratory technique for quality analysis of agri-horticultural crops 58. Pest & disease monitoring 50. No 51. No 52. No 53. No 54. Chapter of the production of climate change 55. Automobile maintenance 56. Laboratory sophisticated instruments 57. No 58. Pest & disease monitoring 59. NCIPM, New Delhi NICPM, Hyderabad	38.	Equipment maintenance			
41. Value addition & food processing 42. Agricultural knowledge communication 43. ICT in Agriculture 44. Graphics & multimedia 45. Identification of insects pest/vectors 46. Networking- basics & management 47. Bio-Chemicals analysis 48. Green house management 49. Livestock's production & management 49. Livestock's production & management 50. Manufacturing technology & testing of agricultural machinery 51. Mushroom production 52. Labour management 53. Mass production of bio-agents 54. Physiological parameters in relation to climate change 55. Automobile maintenance 56. Laboratory sophisticated instruments 57. Laboratory technique for quality analysis of agrihoricultural crops 58. Pest & disease monitoring 50. No No 51. No No 52. Laboratory technique for quality analysis of agrihorticultural crops 58. Pest & disease monitoring 59. NCIPM, New Delhi NICPM, Hyderabad	39.	Metrology & metrological data management			
42. Agricultural knowledge communication 43. ICT in Agriculture 44. Graphics & multimedia 45. Identification of insects pest/vectors 46. Networking- basics & management 47. Bio-Chemicals analysis 48. Green house management 49. Livestock's production & management 50. Manufacturing technology & testing of agricultural machinery 51. Mushroom production 52. Labour management 53. Mass production of bio-agents 54. change 55. Automobile maintenance 56. Laboratory sophisticated instruments 57. Description of the communication of the com	40.	Precision agriculture			
43. ICT in Agriculture 44. Graphics & multimedia 45. Identification of insects pest/vectors 46. Networking- basics & management 47. Bio-Chemicals analysis 48. Green house management 49. Livestock's production & management 50. Manufacturing technology & testing of agricultural machinery 51. Mushroom production 52. Labour management 53. Mass production of bio-agents 54. Physiological parameters in relation to climate change 55. Automobile maintenance 56. Laboratory sphisticated instruments 57. Pest & disease monitoring NCIPM, Hyderabad No No No No No No No No No N	41.	Value addition & food processing			
44. Graphics & multimedia IASRI, New Delhi / NAARM, Hyderabad 45. Identification of insects pest/vectors 46. Networking- basics & management IASRI, 7 No No Networking- basics & management IASRI, 7 No No Networking- basics & management IASRI, 7 No No Networking- basics & management 47. Bio-Chemicals analysis 48. Green house management 49. Livestock's production & management Manufacturing technology & testing of agricultural machinery 50. Mushroom production 52. Labour management 53. Mass production of bio-agents 54. Physiological parameters in relation to climate change 55. Automobile maintenance 56. Laboratory sophisticated instruments 57. Laboratory technique for quality analysis of agrihorticultural crops 88. Pest & disease monitoring NCIPM, New Delhi NICPM, Hyderabad	42.	Agricultural knowledge communication			
New Delhi / NAARM, Hyderabad	43.	ICT in Agriculture			
45. Identification of insects pest/vectors 46. Networking- basics & management 47. Bio-Chemicals analysis 48. Green house management 49. Livestock's production & management 50. Manufacturing technology & testing of agricultural machinery 51. Mushroom production 52. Labour management 53. Mass production of bio-agents 54. Physiological parameters in relation to climate change 55. Automobile maintenance 56. Laboratory sophisticated instruments 57. Laboratory technique for quality analysis of agrihorticultural crops 58. Pest & disease monitoring NCIPM, New Delhi NICPM, Hyderabad	44.	Graphics & multimedia	New Delhi / NAARM,	7	No
New Delhi / NAARM, Hyderabad 47. Bio-Chemicals analysis 48. Green house management 49. Livestock's production & management 50. Manufacturing technology & testing of agricultural machinery 51. Mushroom production 52. Labour management 53. Mass production of bio-agents 54. Physiological parameters in relation to climate change 55. Automobile maintenance 56. Laboratory sophisticated instruments 57. Laboratory technique for quality analysis of agrihorticultural crops 58. Pest & disease monitoring NCIPM, New Delhi NICPM, Hyderabad	45.	Identification of insects pest/vectors	· ·		
47. Bio-Chemicals analysis 48. Green house management 49. Livestock's production & management 50. Manufacturing technology & testing of agricultural machinery 51. Mushroom production 52. Labour management 53. Mass production of bio-agents 54. Physiological parameters in relation to climate change 55. Automobile maintenance 56. Laboratory sophisticated instruments 57. Laboratory technique for quality analysis of agrihorticultural crops 58. Pest & disease monitoring NCIPM, New Delhi NICPM, Hyderabad	46.	Networking- basics & management	New Delhi / NAARM,	7	No
48. Green house management 49. Livestock's production & management 50. Manufacturing technology & testing of agricultural machinery 51. Mushroom production 52. Labour management 53. Mass production of bio-agents 54. Physiological parameters in relation to climate change 55. Automobile maintenance 56. Laboratory sophisticated instruments 57. Laboratory technique for quality analysis of agrihorticultural crops 58. Pest & disease monitoring NCIPM, New Delhi NICPM, Hyderabad	47.	Bio-Chemicals analysis	J		
49. Livestock's production & management 50. Manufacturing technology & testing of agricultural machinery 51. Mushroom production 52. Labour management 53. Mass production of bio-agents 54. Physiological parameters in relation to climate change 55. Automobile maintenance 56. Laboratory sophisticated instruments 57. Laboratory technique for quality analysis of agrihorticultural crops 58. Pest & disease monitoring NCIPM, New Delhi NICPM, Hyderabad	48.	·			
50. Manufacturing technology & testing of agricultural machinery 51. Mushroom production 52. Labour management 53. Mass production of bio-agents Physiological parameters in relation to climate change 55. Automobile maintenance 56. Laboratory sophisticated instruments 57. Laboratory technique for quality analysis of agrihorticultural crops 58. Pest & disease monitoring NCIPM, New Delhi NICPM, Hyderabad	49.	Ç			
52. Labour management 53. Mass production of bio-agents 54. Physiological parameters in relation to climate change 55. Automobile maintenance 56. Laboratory sophisticated instruments 57. Laboratory technique for quality analysis of agrihorticultural crops 58. Pest & disease monitoring NCIPM, New Delhi NICPM, Hyderabad	50.	Manufacturing technology & testing of agricultural	CIAE, Bhopal	10	
53. Mass production of bio-agents 54. Physiological parameters in relation to climate change 55. Automobile maintenance 56. Laboratory sophisticated instruments 57. Laboratory technique for quality analysis of agrihorticultural crops 58. Pest & disease monitoring NCIPM, New Delhi NICPM, Hyderabad	51.	Mushroom production			
Physiological parameters in relation to climate change 54. Physiological parameters in relation to climate change 55. Automobile maintenance 56. Laboratory sophisticated instruments 57. Laboratory technique for quality analysis of agrihorticultural crops 58. Pest & disease monitoring NCIPM, New Delhi NICPM, Hyderabad	52.	Labour management			
54. change 55. Automobile maintenance 56. Laboratory sophisticated instruments 57. Laboratory technique for quality analysis of agrihorticultural crops 58. Pest & disease monitoring NCIPM, New Delhi NICPM, Hyderabad	53.	Mass production of bio-agents			
56. Laboratory sophisticated instruments 57. Laboratory technique for quality analysis of agrihorticultural crops 58. Pest & disease monitoring NCIPM, New Delhi NICPM, Hyderabad	54.	-			
57. Laboratory technique for quality analysis of agrihorticultural crops 58. Pest & disease monitoring NCIPM, New Delhi NICPM, Hyderabad	55.	Automobile maintenance			
horticultural crops 58. Pest & disease monitoring NCIPM, New Delhi NICPM, Hyderabad	56.	Laboratory sophisticated instruments			
New Delhi NICPM, Hyderabad	57.				
59. Seed testing	58.	Pest & disease monitoring	New Delhi NICPM,	10	
	59.	Seed testing			

60.	Capacity building for technical staff		
61.	Microbiological techniques		
62.	Microscopy		
63.	Editing in Hindi/English technical repots		
64.	Hi-tech propagation & nursery management		
65.	Official language implementation		
66.	Record management		
67.	Bio-safety analysis of GMOs		
68.	Digitization technique		
69.	ELISA testing		
70.	Germplasm collection & conservation	NBPGR, New Delhi	
71.	Noting & drafting		
72.	Pilot plant operation & management		
73.	Welding technologies		
74.	AV-Aids handling		
76.	Auto CAD, PROV, ANCYS-Automation & Management		
77.	High end equipment's handling		
78.	PME	NAARM, Hyderabad	
79.	Radio isotopes uses		
80.	Tissue culture & molecular biology lab maintenance		
81.	Bio-diversity analysis		
82.	Orchard management		
83.	PHT		
84.	Total quality management		
85.	Workshop engineering operations	PAU, Ludhiana TNAU, Coimbatore	

AREAS OF SKILL DEFICEINCY OF ADMINISTRATIVE AND FINANCE STAFF

S.	Identified Skill Deficient Areas for Training	Suitable	Approx.	Whether your
No.		Training	Duration	Institution has
		Institution /	of training	capacity and
		Organization	(days)	competence to
				impart training
				in the area
				(Yes/No)
1	EMC/MIC/EDD	IASRI,	7	NO
1.	FMS/MIS/ERP	New Delhi		
		ISTM, New	5	NO
2.	Computer skills/application	Delhi		
2	0.00	ISTM,	5	NO
3.	Office automation	New Delhi		

		NAARM,	5	NO
4.	Enhancing efficiency & behavioural skills	Hyderabad		
		NAARM,	5	NO
	Behavioural skills	Hyderabad		
	Organisational behaviour, motivation, team work and	NAARM,	5	NO
	time management	Hyderabad		
		NAARM,	5	NO
	Stress and behavioural management	Hyderabad		
	T 1 1'11	NAARM,	5	NO
	Team work skills	Hyderabad		
	Personality development and inter-personal	NAARM,	5	NO
	relationship	Hyderabad		
5.	Service matter related issues	ISTM,	5	NO
٥.	Service matter related issues	New Delhi		
6.	Pension and retirement benefits	ISTM,	5	NO
0.	rension and remement benefits	New Delhi		
7.	e-tendering & e-procurement	ISTM,	5	NO
7.	e-tendering & e-procurement	New Delhi		
8	Purchase management	ISTM,	5	NO
0.	1 dichase management	New Delhi		
9.	Establishment rules	ISTM,	5	NO
	Establishment ruies	New Delhi		
10	Hindi typing & noting	CHTI, Jabalpur	5	NO
1.1		ISTM,	5	NO
11	Managing office & staff management	New Delhi		
	0.00	ISTM,	5	NO
	Office management practices/procedures	New Delhi		
10	D 6' 4' 1 11	ISTM,	5	NO
12	Pay fixation and allowances	New Delhi		
13	Financial matters, establishment and maintenance of	ISTM,	5	NO
1.	records	New Delhi		
1/	Store management	ISTM,	5	NO
1-	Store management	New Delhi		
15	FR & SR	ISTM,	5	NO
1,	TR & SR	New Delhi		
16	Noting & Drafting	ISTM,	5	NO
1	Hotting & Draiting	New Delhi		
17	R.T.I. Act related issues	ISTM,	5	NO
	20.2.2.1.200.1014400	New Delhi		
18	Court cases & legal issues	ISTM,	5	NO
	<i>C</i>	New Delhi	-	
19	Income Tax related Issues	ISTM,	5	NO
		New Delhi	~	NO
20	Record management	ISTM,	5	NO
		New Delhi	_	NO
		National	5	NO
	File and record management	Archive,		
		Bhopal		
21	Accounting & financial management	ISTM,	5	NO
<u></u>	Accounting & imancial management	New Delhi		
22	Condemnation of articles	ISTM,	5	NO
		New Delhi		
23	Reservation related issues	ISTM,	5	NO

		New Delhi		
		ISTM,	5	NO
24	CCS (CCA) Conduct Rules	New Delhi	3	110
_		ISTM,	5	NO
25	Works related matters	New Delhi	J	110
_		ISTM,	5	NO
26	Audit and Accounts (Audit Manual)	New Delhi	3	110
		ISTM,	5	NO
27	Contract management	New Delhi	J	110
		ISTM,	5	NO
	Out sourcing of security sources	New Delhi		1,0
24		ISTM,	5	NO
28	GFR	New Delhi		
24		ISTM,	5	NO
29	Administrative vigilance	New Delhi		
		ISTM,	5	NO
30	Cash management	New Delhi		- · -
2.		ISTM,	5	NO
31	Recruitment procedures & rules	New Delhi		- · -
-	Contingency/Fellowship/Bank Reconciliation, Pay	ISTM,	5	NO
32	Bills & Medicals	New Delhi		1,0
24		ISTM,	5	NO
33	e-governance	New Delhi		1,0
	GPF, GSLIS, accounts, bank reconciliation and cash	ISTM,	5	NO
34	book maintenance	New Delhi		- 1.0
2/		ISTM,	5	NO
35	General administration & accounting	New Delhi		
24	IDD :	ISTM,	5	NO
30	IPR issues	New Delhi		
31	VAT, Service Tax, ESI, EPF etc. applicable on	ISTM,	5	NO
3,	government institutions	New Delhi		
38	Maintenance of stock register, assets register and	ISTM,	5	NO
30	office records	New Delhi		
39	Administration & financial management	ISTM,	5	NO
	Administration & financial management	New Delhi		
40	Communication skills	NAARM,	5	NO
	Communication skills	Hyderabad		
41	Rudget related separts	ISTM,	5	NO
4.	Budget related aspects	New Delhi		
42	Cyber security, Networking, Net Programming	ISTM,	5	NO
	Cyber Security, Incrworking, Incr Programming	New Delhi		
/13	Labour contract and labour laws	ISTM,	5	NO
+ ,	Labout Contract and labout laws	New Delhi		
4/	Loan and advances	ISTM,	5	NO
7		New Delhi		
Δ4	Diary and despatch	ISTM,	5	NO
7,	Diary and despatch	New Delhi		
Δ4	Promotion procedures/rules	ISTM,	5	NO
40	1 follotion procedures/fules	New Delhi		