



Results-Framework Document (RFD)

for

Indian Agricultural Statistics Research Institute

(2014-2015)

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Section 1: Vision, Mission, Objectives and Functions

Vision

Statistics and Informatics for enriching the quality of Agricultural Research.

Mission

To undertake research, education and training in Agricultural Statistics, Computer Application and Bioinformatics for Agricultural Research.

Objectives

1. To develop statistical methodologies for improving the quality of agricultural research
2. To develop informatics for enhancing efficiency of the system
3. To develop globally competitive human resources

Functions

1. Undertaking basic, applied, adaptive, strategic and anticipatory research in Agricultural Statistics
2. Developing Agricultural Knowledge Management and Information System for National Agricultural Research System
3. Conducting PG teaching and in-service, customized and sponsored training courses in Agricultural Statistics, Computer Applications and Bioinformatics at National and International level
4. Providing advisory and consultancy services for strengthening the National Agricultural Research System
5. Providing methodological support in strengthening National Agricultural Statistical System

Section 2: Inter se-priorities among key Objectives, Success Indicators and Targets

Sl. No.	Objective(s)	Weight	Action(s)	Success Indicator(s)	Unit	Weight	Target/Criteria Value				
							Excellent	Very Good	Good	Fair	Poor
							100%	90%	80%	70%	60%
01	To develop statistical methodologies for improving the quality of agricultural research	45	Development of efficient statistical techniques	Methodologies developed for design of experiments/ forecasting/sample surveys/statistical genetics/bio-informatics	Number	35	10	8	6	4	2
			Statistical and computational support for agricultural research	Tools and techniques provided	Number	10	6	5	4	3	2
02	To develop informatics for enhancing efficiency of the system	10	Development of Information System/ Decision Support System/ Expert System/ Software	Software developed	Number	10	3	2	1	0	0
03	To develop globally competitive human resources	25	Conducting M.Sc. and Ph.D. programmes	Degree awarded	Number	13	17	16	15	13	12
			Organization of training programmes	Training programmes conducted	Number	12	12	10	8	6	4
*	Publication/ Documentation	5	Publication of the research articles in the journals having the NAAS rating of 6.0 and above	Research articles published	No.	3	40	35	30	25	20
			Timely publication of the Institute Annual Report (2013-2014)	Annual Report published	Date	2	30.06.2014	02.07.2014	04.07.2014	07.07.2014	09.07.2014

*	Fiscal resource management	2	Utilization of released plan fund	Plan fund utilized	%	2	98	96	94	92	90
*	Efficient Functioning of the RFD System	3	Timely submission of Draft RFD for 2014-2015 for Approval	On-time submission	Date	2	May 15, 2014	May 16, 2014	May 19, 2014	May 20, 2014	May 21, 2014
			Timely submission of Results for 2013-2014	On-time submission	Date	1	May 1 2014	May 2 2014	May 5 2014	May 6 2014	May 7 2014
*	Enhanced Transparency / Improved Service delivery of Ministry/ Department	3	Rating from Independent Audit of implementation of Citizens' / Clients' Charter (CCC)	Degree of implementation of commitments in CCC	%	2	100	95	90	85	80
			Independent Audit of implementation of Grievance Redress Management (GRM) system	Degree of success in implementing GRM	%	1	100	95	90	85	80
*	Administrative Reforms	7	Update organizational strategy to align with revised priorities	Date	Date	2	Nov.1 2014	Nov.2 2014	Nov.3 2014	Nov.4 2014	Nov.5 2014
			Implementation of agreed milestones of approved Mitigating Strategies for Reduction of potential risk of corruption (MSC)	% of Implementation	%	1	100	90	80	70	60
			Implementation of agreed milestones for ISO 9001	% of implementation	%	2	100	95	90	85	80
			Implementation of milestones of approved Innovation Action Plans (IAPs)	% of implementation	%	2	100	90	80	70	60

Section 3: Trend Values of the Success Indicators

Sl. No.	Objectives	Actions	Success Indicators	Unit	Actual value for FY 12/13	Actual value for FY 13/14	Target value for FY 14/15	Projected value for FY 15/16	Projected value for FY 16/17
01	To develop statistical methodologies for improving the quality of agricultural research	Development of efficient statistical techniques	Methodologies developed for design of experiments/ forecasting/sample surveys/statistical genetics/bio-informatics	Number	8	9	8	9	9
		Statistical and computational support for agricultural research	Tools and techniques provided	Number	5	5	5	5	5
02	To develop informatics for enhancing efficiency of the system	Development of Information System/Decision Support System/Expert System/Software	Software developed	Number	2	3	2	2	2
03	To develop globally competitive human resources	Conducting M.Sc. and Ph.D. programmes	Degree awarded	Number	15	16	16	17	17
		Organization of training programmes	Training programmes conducted	Number	13	12	10	11	11
*	Publication/ Documentation	Publication of the research articles in the journals having the NAAS rating of 6.0 and above	Research articles published	Number	43	45	35	35	35
		Timely publication of the Institute Annual Report (2013-2014)	Annual Report published	Date	-	-	02.07.2014	-	-

*	Fiscal resource management	Utilization of released plan fund	Plan fund utilized	%	88	99	96	96	96
*	Efficient Functioning of the RFD System	Timely submission of Draft RFD for 2014-2015 for Approval	On-time submission	Date	-	-	May 16, 2014	-	-
		Timely submission of Results for 2013-2014	On-time submission	Date	-	-	May 2, 2014	-	-
*	Enhanced Transparency/ Improved Service delivery of Ministry/ Department	Rating from Independent Audit of implementation of Citizens' / Clients' Charter (CCC)	Degree of implementation of commitments in CCC	%	-	-	95	-	-
		Independent Audit of implementation of Grievance Redress Management (GRM) system	Degree of success in implementing GRM	%	-	-	95	-	-
*	Administrative Reforms	Update organizational strategy to align with revised priorities	Date	Date	-	-	Nov.2, 2014	-	-
		Implementation of agreed milestones of approved Mitigating Strategies for Reduction of potential risk of corruption (MSC)	% of Implementation	%	-	-	90	-	-
		Implementation of agreed milestones for ISO 9001	% of implementation	%	-	-	95	-	-
		Implementation of milestones of approved Innovation Action Plans (IAPs)	% of implementation	%	-	-	90	-	-

Section 4(a): Acronyms

Sl. No.	Acronym	Description
1.	PG	Post Graduate
2.	AICRPs	All India Coordinated Research Projects
3.	M. Sc.	Master of Science
4.	Ph. D.	Doctor of Philosophy
5.	SAUs	State Agricultural Universities
6.	MoSPI	Ministry of Statistics and Programme Implementation
7.	DoAC	Department of Agriculture and Cooperation
8.	DADF	Department of Animal Husbandry, Dairying and Fisheries

Section 4(b): Description and definition of success indicators and proposed measurement methodology

Sl. No.	Success indicator	Description	Definition	Measurement	General Comments
1.	Methodologies developed for design of experiments/ forecasting/sample surveys/statistical genetics/bio-informatics	Development of methodologies for design of experiments/ forecasting/sample surveys/statistical genetics/bio-informatics	Research work for development of methodologies	Number of methodologies developed	Nil
2.	Tools and techniques provided	Development of tools and techniques in statistical and computational support for agricultural research	Research and development of tools and techniques	Number of tools and techniques developed	Nil
3.	Software developed	Development of Information System/Decision Support System/ Software deployed	Research and development of Information System/Decision Support System/ Software	Number of Information System/Decision Support System/ Software deployed	Nil

4.	Degree awarded	Teaching of various courses and research guidance to M.Sc./Ph.D. students in Agricultural Statistics/Computer Applications/Bioinformatics disciplines	Human resources development by teaching of various courses and research guidance	Number of students obtaining degrees	Nil
5.	Training programmes conducted	Conducting of training programmes	Human resources development by conducting training programmes	Number of training programmes conducted	Nil

Section 5: Specific performance requirements from other Departments that are critical for delivering agreed results

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this Organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met
State/ Central	Concerned States	Others	Others	Methodologies developed for design of experiments/ forecasting/ sample surveys/ statistical genetics/ bio-informatics	Financial Support	For completion of various activities of projects	May not be quantified	Progress of various research projects will be affected

Section 6: Outcome / Impact of activities of Department/Ministry

Sl. No.	Outcome / Impact	Jointly responsible for influencing this outcome/ impact with the following organization(s)/ department(s)/ ministry(ies)	Success Indicator(s)	Unit	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
1.	Enhancing efficiency through statistical/ computational tools and informatics	SAUs/AICRPs/Mo SPI/DoAC/DADF	Increase in usage of methodologies/ tools and accessibility of information	%	5	5	5	5	5
			Research papers published	Number	96	105	100	100	100
2.	Enhancing availability of quality human resource	SAUs, Central and State Govt. Officials	Successful completion of degree programme and employability of the students	% passed out	80	94	88	90	92