



Results-Framework Document (RFD)
for
Central Institute of Fisheries Education
(2013 – 2014)

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Section 1:

Vision, Mission, Objectives and Functions

Vision

To be a world class organisation providing leadership in fisheries education and research

Mission

To achieve academic and research excellence by creating state-of-the-art infrastructure and attracting globally competent faculty and students.

Objectives

1. To conduct academic programs for HRD
2. To conduct basic and strategic research in emerging areas of fisheries science
3. To conduct training programs in fisheries sector

Functions

- To attend to matters relating to all aspects of higher education in fisheries science, research and training
- To participate in national and international collaborations
- To participate in national and international conferences, associations and other bodies dealing with fisheries research and education
- To identify researchable issues, planning strategies and action plans to realize the vision and mandate of the institute.

Section 2:
Inter se Priorities among Key Objectives, Success Indicators and Targets

S. No.	Objectives	Weight	Actions	Success Indicators	Unit	Weight	Target / Criteria Value					
							Excellent	Very Good	Good	Fair	Poor	
							100%	90%	80%	70%	60%	
1	To conduct academic programs for HRD	50	HRD in specialized disciplines	No. of students passed	Number	50	85	82	80	75	70	
2	To conduct basic and strategic research in emerging areas of fisheries science	18	Aquaculture Production Enhancement	Utilization of Inland Saline Water for Aquaculture	No of species	3	2	1	0	0	0	
				Breeding of ornamental fish in captive condition	No. of species	3	5	4	3	2	1	
				Development of molecular markers for stock identification	Development of microsatellite markers in <i>Clarias batrachus</i>	Number	3	10	8	6	4	3
				Bio-diversity conservation and management	Development of bio-diversity indices and categorisation of species	Number of explorations	3	12	11	10	9	8

				DNA barcoding of fish	Number	3	50	45	40	35	30
			To delineate physio-metabolic and immune response of fish to dietary nutraceuticals	Enhancement in growth and immunity of fish	Number	3	2	1	0	0	0
3	To conduct training programs in fisheries sector	21	Training and skill up-gradation	Number of persons trained	Number	21	600	550	500	450	400
	Efficient Functioning of the RFD System	11	Timely submission of Draft RFD (2013-14) for approval	On-time submission	Date	2	15/5/2013	16/5/2013	17/05/2013	20/5/2013	21/5/2013
			Timely submission of Results for RFD (2012-13)	On-time submission	Date	1	01/5/2013	02/5/2013	05/5/2013	06/5/2013	07/5/2013
	Administrative Reforms		Implement ISO 9001 as per approved action plan	% implementation	%	2	100	95	90	85	80
			Prepare an action plan for innovation	On-time submission	Date	2	30/7/2013	10/8/2013	20/8/2013	30/8/2013	10/9/2013

	Improving internal efficiency / responsiveness/service delivery of Ministry/Department		Implementation of Sevottam	Independent Audit of Implementation of Citizen's Charter	%	2	100	95	90	85	80
				Independent Audit of implementation of public grievance redressal system	%	2	100	95	90	85	80

Section 3 – Trend Values of the Success Indicators

S. No.	Objectives	Actions	Success Indicators	Unit	Actual Value for FY 11/12	Actual Value for FY 12/13	Target Value for FY 13/14	Projected Value for FY 14/15	Projected Value for FY 15/16
1	To conduct academic programs for HRD	HRD in specialized disciplines	No. of students passed	Number	88	84	82	85	85
2	To conduct basic and strategic research in emerging areas of fisheries science	Aquaculture Production Enhancement	Utilization of Inland Saline Water for Aquaculture	No of Species	-	-	1	2	2
			Breeding of ornamental fish in captive condition	No. of species	-	-	4	5	6
		Development of molecular markers for stock identification	Development of microsatellite markers in <i>Clarias batrachus</i>	Number	-	-	8	10	12
		Bio-diversity conservation and management	Development of bio-diversity indices and categorisation of species	Number of explorations	-	-	11	12	12
DNA barcoding of fish	Number		-	-	45	50	55		

		To delineate physio-metabolic and immune response of fish to dietary nutraceuticals	Enhancement in growth and immunity of fish	Number	NA	3	1	2	2	
3	To conduct training programs in fisheries	Training and skill up-gradation	Number of persons trained	Number	700	777	550	575	600	
	Efficient Functioning of the RFD System	Timely submission of Draft RFD (2013-14) for approval	On-time submission	Date			16/05/ 2013			
		Timely submission of Results for RFD (2012-13)	On-time submission	Date			02/05/2013			
	Administrative Reforms	Implement ISO 9001 as per the approved action plan	% Implementation	%				95		
		Prepare an action plan for Innovation	On-time submission	Date				10/08/2013		
	Improving internal efficiency / responsiveness / service delivery of Ministry / Department	Implementation of Sevottam	Independent Audit of Implementation of Citizen's Charter		%			95		
			Independent Audit of implementation of public grievance redressal system		%			95		

Section 4: Acronyms

S. No	Acronym	Description
1	HRD	Human Resource Development
2	DNA	De-oxy Ribonucleic Acid
3	ISO	International Organization for Standardization
4	M. F. Sc.	Master of Fisheries Science
5	Ph. D.	Doctor of Philosophy
6	CIFE	Central Institute of Fisheries Education
7	CAFT	Centre of Advanced Faculty Training
8	ICCR	Indian Council for Cultural Relations
9	UGC	University Grants Commission
10	DBT	Department of Biotechnology
11	NAIP	National Agricultural Innovation Project
12	NFDB	National Fisheries Development Board

13	ARS	Agriculture Research Service
14	SAUs	State Agricultural Universities
15	SRF	Senior Research Fellow
16	DST	Department of Science and Technology
17	DAE	Department of Atomic Energy
18	ICAR	Indian Council of Agricultural Research
19	CAUs	Central Agricultural Universities

Section 4:
Description and Definition of Success Indicators and Proposed Measurement Methodology

Sl.No.	Success indicator	Description	Definition	Measurement	General Comments
1	No. of students passed	Trained human resource in specialized disciplines of Fisheries Science	M.F.Sc. and Ph.D. students	No. of students passed out	-
2	Utilization of Inland Saline Water for Aquaculture	Inland saline soils are not fit for agriculture but can be utilized for aquaculture	Culture of fish species in inland saline water	No. of species	-
3	Breeding of ornamental fish in captive condition	Ornamental fish species have tremendous commercial potential	Standardization of breeding technique of ornamental fish	Number	-
4	Development of microsatellite markers in <i>Clarias batrachus</i>	Microsatellite markers are useful tool for stock characterization	Microsatellite markers development for stock characterization	Number	-
5	Development of bio-diversity indices and categorization of species	Biodiversity assessment for stock evaluation	Biodiversity assessment for conservation	Number of explorations	-
6	DNA barcoding of fish	DNA barcodes help in identifying a species	DNA sequences are generated as Barcodes	Number	-
7	Enhancement in growth and immunity of fish	Nutraceuticals incorporation in feed helps in growth and immunity of fish	Effect of nutraceuticals on growth and immunity of fish	Number	-
8	Number of persons trained	Training of stakeholders in different aspects of fisheries	Training for skill development	Number	-

Section 5:

Specific Performance Requirements from other Departments

Location Type	State	Organization Type	Organization name	Relevant Success Indicator	What is your requirement from this organization	Justification for this requirement	Please quantify your requirement from this organization	What happens if your requirement is not met

Not applicable

**Section 6:
Outcome/Impact of activities of Organisation**

S. No.	Outcome/Impact of Organisation	Jointly responsible for influencing this outcome/impact with the following organizations/ depts./ministries	Success Indicators	Unit	2011-12	2012-13	2013-14	2014-15	2015-16
1	Qualified Human Resources developed at CIFE are contributing overall growth of fisheries in the country. Ph.D. research leads to advancement of knowledge of fisheries science which has immediate & long term, effect on enhancing fish production and advancement of fisheries sector of the country.	ICCR, UGC, DBT etc.	Passed out students are well placed in ARS (28 %), SAU's (16%), state govt. departments (23%), banks (10%), private industry (8%), entrepreneurship (5%), as SRF (5%) and studying abroad (5%).	Number	88	84	82	85	85
2	Trainings conducted for farmers have resulted in enhancement of their skill and subsequent growth in fish production. CAFT & summer/ winter schools improved the teaching and research capabilities of the faculty working in	NAIP, NFDB etc.	Enhanced skill development and job opportunities in fisheries sector	% improvement	45	47	50	50	50

	ICAR/SAU/CAUs.								
3	Research and technology development as well as consultancy services will lead to enhanced production and productivity of fish. Publications which are the results of research work carried out by students and faculty lead to dissemination of technologies.	NAIP, DST, Ministry of Earth Sciences, DBT, NFDB, DAE, etc.	Number of technologies developed and demonstrated/ patents/ copyrights	Number	2	2	2	2	2