

Annual Performance Evaluation Report of RSCs i.e. Institutions for the year 2011-12

Name of the Division: Fisheries

Name of the Institution: Central Institute of Freshwater Aquaculture, Kausalyaganga, Bhubaneswar

RFD Nodal Officer: Dr P.K. Sahoo, ICAR National Fellow

Sl. No.	Objectives	Weight	Action	Success Indicator	Unit	Weight	Target / criteria value					Achievements	Performance	
							Excellent	Very good	Good	Fair	Poor		Raw score	Weighted score
							100%	90%	80%	70%	60%			
1.	Development of demand driven freshwater aquaculture production systems for productivity enhancement	52	Species diversification	Number of new candidate species to be incorporated	Number	4	2	1	0	0	0	5	100.0	4.0
			Production of quality seed of finfish and shellfish	Technology for captive breeding	Number	5	2	1	0	0	0	3	100.0	5.0
				Quality seed production	Number in lakhs	10	320	250	180	110	55	409	100.0	10.0
			Effective water and nutrient management for improving production	Budgeting of nutrients	Number	5	2	1	0	0	0	3	100.0	5.0
			Formulation of low cost feed	Incorporation of alternate feed ingredients to develop low cost feed	Number	10	2	1	0	0	0	2	100.0	10.0
			Environmental manipulation for augmentation of reproduction in rohu	Gonadal development of rohu through manipulation of photoperiod and temperature (for number of adult rohu)	Number	5	10	8	6	5	4	10	100.0	5.0
			Training programme for capacity building and skill development	No. of people to be trained	number	7	400	350	300	250	200	891	100.0	7.0

			Dissemination of freshwater aquaculture through field days, exposure visits, extension and mass media	No. of people to be benefited	number	6	4000	3500	3000	2500	2000	7374	100.0	6.0
2.	Genetic and Biotechnological intervention for enhancing freshwater aquaculture production and better health management	35	Molecular marker technology	Development of EST database from rohu	Number	3	1300	1100	900	600	500	90300	100.0	3.0
				Polymorphic SSR and EST-SSR markers	Number	3	100	50	40	30	20	150	100.0	3.0
				Whole mtDNA genome sequence of IMCs	Number	2	3	2	1	0	0	2	90.0	1.8
				PCR-based kit for unambiguous identification of fish seeds	Number	2	2	1	0	0	0	0	0	0
			Somatic and spermatogonial stem cell culture	Marker gene characterization	Number	2	5	3	2	1	0	4	95.0	1.9
				Primary cell cultures	Number	2	2	1	0	0	0	2	100.0	2.0
			Production of improved rohu for growth and disease resistance	Number of fullsib families	Number	2	60	50	40	30	20	76	100.0	2.0
				Resistant and susceptible line of rohu	Number	2	2	1	0	0	0	2	100.0	2.0
			Development of diagnostics for important diseases	Development of diagnostics for different fish pathogens	Number	4	2	1	0	0	0	2	100.0	4.0
			Production of bioactive compounds for disease management	Production of number of bioactive compounds	Number	4	2	1	0	0	0	1	90.0	3.6
			Activation of innate immune genes/signaling molecules to protect fish from diseases	Identification of key innate immune genes/signaling molecules and their activation for disease protection	Number	5	2	1	0	0	0	4	100.0	5.0

			Bioremediation and probiotics for better environment management	Identification of microbes associated with ammonia oxidation	number	4	5	4	3	2	1	10	100.0	4.0
3.	Commercialization of technologies developed and promoting public-private partnership	2	Product/process development and commercialization	Product/process developed/commercialized	Number	1	2	1	0	0	0	0	0	0
			Patents and IPR titles	Applications filed	Number	1	2	1	0	0	0	1	90.0	0.9
4.	Effective functioning of the RFD system	11	Timely submission of draft RFD for approval	On-time submission	Date	2	10.06.2011	13.06.2011	14.06.2011	15.06.2011	16.06.2011	16.3.2011	100.0	2.0
			Timely submission of results	On-time submission	Date	1	01.05.2012	03.05.2012	04.05.2012	05.05.2012	06.05.2012	25.3.2011	100.0	1.0
			Finalize a strategic plan for RC	Finalize the strategic plan for next 5 years	Date	2	10.12.2011	15.12.2011	20.12.2011	24.12.2011	31.12.2011	18.11.2011	100.0	2.0
			Identify potential areas of corruption related to organization activities and develop an action plan to mitigate them	Finalize the action plan to mitigate potential areas of corruption	%	2	10.12.2011	15.12.2011	20.12.2011	24.12.2011	31.12.2011	18.11.2011	100.0	2.0
			Implement sevottam	Create a sevottam compliant system to implement, monitor and review citizens charter	Date	2	10.12.2011	15.12.2011	20.12.2011	24.12.2011	31.12.2011	18.11.2011	100.0	2.0
				Create a sevottam compliant system to redress and monitor public grievances	Date	2	10.12.2011	15.12.2011	20.12.2011	24.12.2011	31.12.2011	18.11.2011	100.0	2.0

Total composite score: 96.2 (Rating Excellent)