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Results Framework Document

for

(Department of Animal Husbandry, Dairying & Fisheries)

Central Institute of Fisheries Nautical and
Engineering Training (CIFNET), Kochi

(2012-2013)

Section 1: Vision, Mission, Objectives and Functions

Vision

To produce trained manpower capable of handling and managing any technical eventualities in fisheries, Nautical and Marine Engineering field.

Mission

To meet the training requirement of technical and certified personnel such as Skippers, Mates, Engineers, Engine Drivers of Fishing Vessels as stipulated in the Merchant Shipping Act(1987).

Objectives

- To provide technical consultancy service in all matters with special reference to technical manpower
- To create technical manpower for the operation of Ocean going fishing vessels and to run infrastructural establishments.
- To create trained manpower to manage fishery establishment.
- To provide training for technical teachers for manning the fishermen training centers attached to Maritime States and Union Territories.
- To conduct studies on fishing craft, fishing gears and equipments and provide extensive training to accelerate advancement in fishing technology for enhancing productivity of fishermen and increasing marine fish production.
- To help developing nations in the South-east Asian, Middle-east and African regions to create technical manpower for development of Marine Fisheries requirements.

Functions

Training

Conducting degree course, i.e BfSc (Nautical Science) of 4 year duration at CIFNET, Kochi , approved by U.G.C and affiliated to Cochin University of Science & Technology CUSAT, Kochi. Conducting two NCVT trade courses viz., Vessel navigator Course and Marine Fitter Course affiliated to DGET at all the 3 centres of CIFNET ie, Kochi, Chennai and Visakhapatnam. Conducting Statutory and Refresher Courses for the candidates appearing for Mate and Skipper II examination with MMD. Conducting Ancillary courses. Conducting various short term courses on Fisheries, Navigation and Marine Engineering to sister organisations and College students.

Fishery Training Vessel Operation

The Institute is equipped with 3 fishery training vessels at its 3 centres and conducting regular sailing for imparting on board practical training on fisheries, Navigation and Marine Engineering for Institutional and Post Institutional trainees.

Workshops

The Institute is equipped with well developed fishing gear division, Marine Engineering Workshop , Engine Room Simulator, Navigation division, Marine Electronics division, Computer division for imparting practical training on the respective subjects.

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

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	VeryGood	Good	Fair	Poor
						100%	90%	80%	70%	60%
1 Training Programmes	50		No. of candidates undergoing training	Nos.						
		Degree Course-BFSc(NS)			15	88	79	70	62	53
		NCVT Courses			15	192	173	154	134	115
		Short term & Extension Statutory & Refresher Course			10	500	450	400	350	300
		Ancillary Courses			7	30	27	24	21	18
2 Training Vessel Operation Conducting sailing of vessel; for imparting practical training	50	Institutional Trainee Days	No. of candidates sailing onboard	Nos.	15	3000	2700	2400	2100	1800
		Days Out at sea	Sailing days	Nos.	10	460	414	368	322	276
		Fishing Days	Fishing days	Nos	10	380	342	304	266	228
		Post institutional Trainee days	No. of candidates sailing onboard	Nos	9	4200	3780	3360	2940	2520
		Fishing Effort(Hrs)	Fishing hours	Hrs	2	1480	1332	1184	1036	888
		Fishing Effort(Hooks)*	No. of hooks	Nos	2	0	0	0	0	0
		Catch(Tonnes)	tonnes	tonnes	2	25	23	20	18	15

* This Target will be fixed after the procurement of new hooks / Long Line system.

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value for FY 09/10	Actual Value for FY 10/11	Target Value for FY 11/12	Projected Value for FY 12/13	Projected Value for FY 13/14
1 Training Programmes	Degree Course-BFSc(NS)	No. of candidates undergoing training	Nos.	69	72	88	88	88
	NCVT Courses			150	166	192	192	192
	Short term & Extension Courses			325	428	600	500	500
	Statutory & Refresher Course			23	19	30	30	30
	Ancillary Courses			16	0	15	10	10
2 Training Vessel Operation Conducting sailing of vessel; for imparting practical training	Institutional Trainee Days	No. of candidates sailing onboard	Nos.	3740	3808	3000	3000	3000
	Days Out at sea	Sailing days	Nos.	393	405	500	460	460
	Fishing Days	Fishing days	Nos	265	330	400	380	380
	Post institutional Trainee days	No. of candidates sailing onboard	Nos	3613	3325	4200	4200	4200
	Fishing Effort(Hrs)	Fishing hours	Hrs	1161.2	1067	1500	1480	1480
	Fishing Effort(Hooks)*	No. of hooks	Nos	375	0	500	0	0
	Catch(Tonnes)	tonnes	tonnes	9.195	30.3	35	25	25

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

Sl. No.	Success Indicator	Descriptions/Definitions
1.	NCVT Courses 1. Vessel Navigator Course (VNC) 2. Marine Fitter Course (MFC) (No. of candidates undergoing training)	The main objective of the Institute encompasses on fisheries development, particularly on the training of manpower for fisheries. They are elaborated below. <ol style="list-style-type: none"> 1. To create technical manpower for the operation of Oceangoing fishing vessels and also to run infrastructural establishments 2. To create trained manpower to manage fishery establishments 3. To provide training for technical teachers for manning the fishermen training centers attached to Maritime states and Union Territories 4. To conduct studies on fishing crafts, fishing gears and equipments and provide extensive training for enhancing productivity of fishermen and increasing marine fish production.
2.	Degree Course-BFSc(NS) (No. of candidates undergoing training)	The BFSc(NS) degree is mainly concerned with the study of general fisheries subjects, fishing technology and Nautical science with special thrust on nautical aspects. This course is affiliated to Cochin University of Science & Technology. The course is targeted to produce competent fisheries professionals who are capable of manning the Fishing Industry. On completion of degree with basic modular course under STCW 95, students are eligible to get Indian CDC.
3.	Short term & Extension Courses (No. of candidates undergoing training)	The Institute continued to render its assistance for sharing the technical expertise by conducting short term courses for Govt. organisations such as State Fisheries, Indian Coast Guard, MPEDA etc. Expertise, training facilities and infrastructure facilities of CIFNET were also gainfully utilized during the period for imparting various short term training programme for the students' fraternity. The students of the Engineering Colleges, Fisheries colleges and other Post Graduate students had the opportunity to attend these specially designed programmes and were able to absorb gainful practical knowledge
4.	Statutory & Refresher Course	The Elementary Fishing Technology course(EFTC) and Advanced Fishing Technology Course(AFTC), the two statutory courses required for appearing Mate, Skipper-II Fishing vessel examination respectively with MMD were conducted during this

		year also by CIFNET.
5.	Ancillary Courses	Shore mechanics course of 12 months duration was conducted at CIFNET Unit, Chennai. Candidates sponsored by Union Territory of Lakshadweep are undergoing training at CIFNET
6.	Institutional Trainee Days	Training Vessel Operation The three fishery training vessels of the Institute were mainly utilised for imparting onboard practical training for Institutional trainees and for providing qualifying sea service for Post Institutional trainees of the Institute.
7.	Days Out at sea	M.V.Prashikshani The training vessel M.V. Prashikshani was deployed during this year for imparting practical training to the Institutional trainees (VNC and MFC), BFSc (NS) students and Post-institutional trainees in bottom trawling and Tuna long lining giving wide exposure to the trainees in Navigation, Watch keeping procedures, Fishing and Engineering aspects. During the year under report special emphasis was given for imparting special training to the participants of the short term training course also.
8.	Fishing Days	
9.	Post institutional Trainee days	M.V.Skipper II The fishery training vessel MV Skipper II based at CIFNET unit, Chennai was deployed for conducting onboard practical training to the Institutional and post Institutional trainees .The fishing operation was conducted in upper and lower East Coast. The area of operation was 13°7'N and 80° 22'E in the depth ranging from 35 to 40 m. The type of fishing operation is bottom trawling.
10.	Fishing Effort(Hrs)	
11.	Fishing Effort(Hooks)*	M.V. Tharangini The vessel Tharangini based at CIFNET Unit, Visakhapatnam, was deployed for conducting regular fishing (bottom trawling) for imparting onboard practical training to the Institutional and Post Institutional trainees on Fishing, Navigation and Engineering.
12.	Catch(Tonnes)	

Section : 5

Specific Performance Requirements from other Departments

1. The key objectives of this institute to create technical manpower for the operation of oceangoing fishing vessels and to run infrastructural establishments. For this the primary requirement we are getting assistance from sister organizations on their voyage programmes and schedules.
2. Training programmes related to safety at sea, maintenance of marine engines, Navigation aids & fish finding equipments usually sponsored by respective state fisheries departments, NFDB or other government organizations.
3. The Institute continued to render its assistance for sharing the technical expertise by conducting short term courses for Govt. organisations such as State Fisheries, Indian Coast Guard, MPEDA etc. Expertise, training facilities and infrastructure facilities of CIFNET were also gainfully utilized during the period for imparting various short term training programme for the students' fraternity.
4. The students of the Engineering Colleges, Fisheries colleges and other Post Graduate students had the opportunity to attend these specially designed programmes and were able to absorb gainful practical knowledge.
5. All our training vessel are more than 25 years old and have to be replaced with Sophisticated Fishery Training Vessels (combination vessels) equipped with advanced fishing technologies for imparting effective practical training, for which administrative and financial support of the ministry is required.
6. All the activities and budgetary allocations of this institute are controlled, regulated, guided and supported by the Administrative Ministry

Section 6:
Outcomes/Impact of activities of Department/Responsibility Centre (RC)

Sl. No.	Outcome/Impact of activities	Jointly responsible for influencing this outcome/impact with the following Departments /Ministries	Success Indicator	FY 2009-10-	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-2014
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		NCVT Courses		150	166	192	192	192
		Short term & Extension Courses		325	428	600	500	500
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		Catch(Tonnes)	tonnes	9.195	30.3	35	25	25