

# ENTREPRENEURSHIP DEVELOPMENT AND PROJECT FORMULATION IN FISHERIES



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## FOREWORD

India has abundant resources for increasing fish production. On the other hand, food production in the country is reaching a plateau. Against this backdrop, aquaculture needs to be given more emphasis, primarily to increase the nutritional status of the populace of the country. There is about 506 thousand sq.km. of continental shelf and 8041 km. of coastline. The inland fisheries resources include 1,71,334 km. length of rivers and canals, 0.2 million hectares of ponds and tanks, 0.7 million hectares of beels, oxbow and derelict water. The brackish water fish production is estimated to about 1.4 million hectares. It is assumed that about 16 percent of the freshwater and about 10 percent of the brackish water could be utilized for fish culture. Moreover, the average productivity of fish culture is about 2.2 million tone in the fresh water and about 472 kg in the brackish water, against the potential yield of about 10 million tones per hectare.

Recently the culture sector, especially aquaculture, had a boom in productivity due to the availability of various technologies like, intensive and super intensive culture. The intensive and super intensive cultures, either in running waters or recirculatory systems with very high stocking densities and production potential are one of the upcoming trends in these days. The trend of production, as a result, shows a higher potential for aquaculture when compared to marine capture fisheries. In the marine sector there is a need to exploit the deep-sea beyond 50m depths, besides diversifying the activities of the fishers towards other activities like, processing and product development.

In order to harness these new recourses, government alone may not be able to take up all the responsibilities. Fishers also may not be able to take up some technologies, which are complex. Therefore, entrepreneurship development process needs to be started in fisheries. I am confident that this training on Entrepreneurship development and project formulation in fisheries will be of much use to the participants

**Dr. S.C. Mukherjee**  
Director



## PREFACE

Entrepreneurship, as a concept, started with the development of small-scale industries, wherein, Small Industry Extension Training Institutes came into existence in India. It took about 15 years to conceptualize this concept, trying out various strategies to promote entrepreneurship in the developing countries. From industry it came to agro- industries. And now it has percolated to all kinds of organized sectors.

In today's context, which is primarily determined by, Liberalization, Privatization and Globalization (LPG), entrepreneurs will be the backbone of the economy and society. If a sector is not able to attract or groom entrepreneurship the sector is not going to grow fast.

In Fisheries sector the input production and the input-delivery-systems, fish production, marketing and exports, processing and product developments needs entrepreneurs as many of the modern technologies are complex from the common fishers point of view and professionals in the government sector cannot take up all the responsibilities in order to bring quantum change in the system. Therefore, it was necessary to start training on entrepreneurship in fisheries.

The popular training model on Entrepreneurial Development centers around three stages, namely, identity search, identity formation and identity establishment. The present training programme was also designed accordingly. In the first part of the training programme the participants were made aware of there Entrepreneurial Charectorstics. In the next part they were mentally prepared to accept an enterprise, based upon their liking, knowledge, resources accessibility/availability and market information. During this phase they were also exposed to different opportunities in Fisheries through the interactions with different experts on fisheries, banking agency and fisheries economics for project formulation. In the final stage they were motivated to prepare a project-concept and present before a banker for suggestions and improvements.

This entire exercise came out well because of the support provided by our Director and Joint Director, different subject matter specialists, resource persons and finally the participants of this programme held during Jan.14-21, 2002. We also acknowledge each and everybody who had contributed in the success of this training programme.

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Shyam S.Salim



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Word Processing

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Printing

Printo N. G. & Co.

Gurgaon (Haryana)

Date of publication

18th Oct. 2002



**TRAINING ON  
ENTREPRENEURSHIP DEVELOPMENT AND  
PROJECT FORMULATION  
IN FISHERIES**

(16-21 OCT 2002)

**C R E D I T S**

<b>Published by</b>	-	<b>Dr S.C. Mukherjee</b> Jt. Director, Central Institute Of Fisheries Education Versova, Mumbai-61
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<b>Cover Design</b>	-	<b>Mr. Deepak Khogre</b> Artist, CIFE, Mumbai
<b>Word Processing</b>	-	<b>Mrs. S.S. Gajbhiye</b> <b>Mr. P.R. Ninawe</b>
<b>Printing</b>	-	<b>Print - N - Graf</b> Goregaon (W), Mumbai
<b>Date of publication</b>	-	<b>16th Oct. 2002</b>