



ARCHITECTURAL DESIGN PROJECT THESIS FISHERMENS HARBOUR



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THESIS – 2020

FISHERMENS HARBOUR AT TENGINAGUNDI MINI PORT, BHATKAL.

In Partial fulfilment of the Requirements for the “Bachelor of Architecture” Degree Course.

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Certificate

This is to verify that this is a bonafide record of Architectural Design Project completed by Mr.Mohamed Owais Jushiddhi of X Semester, B.Arch, USN :
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FISHERMENS HARBOUR AT TENGINAGUNDI MINI PORT, BHATKAL.

Has been submitted in partial fulfilments of the requirement for the degree of B.Arch awarded by VTU, Belgaum during the year 2019-2020.

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1

FISHERMENS HARBOUR



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The project encompasses the development of port facilities such as wharf, loading Quay ,a ship repair yard and functional facilities such as Auction hall,Fish market, cold store plants ,administrative and other offices, storage areas ,roads and utility sevices within the port area and establishing a marine food park creating a visitors hotspot and city landmark.



AR FATHIMA SAMANA

Associate Professor
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PREFACE

Bhatkal is the southernmost point of the Uttara Kannada district. It is located on the south bank of the river Sharabi.

Bhatkal lies on National Highway 66, which runs between Mumbai and Kanyakumari, and has one of the major railway stations along the Konkan Railway line, which runs between Mumbai and Mangalore.

Over the years it has been confronted with problems like lack of infrastructures, unhygeinic surroundings and lack of employment.

Recent statistics state that it has a great scope in fishery market.

This Thesis is therefore intended to examine the issues and there after propose an architectural design solution to the problems associated with it.



Location :Tenginagundi Mini port
Bhatkal ,Karnataka.



CONTENTS

INTRODUCTION

Aim
Scope
Objectives
Methodologies
Justificatio
How society will Benefit

CHAPTER 1 - BACKGROUND STUDY

Fishing in India
Fisheries in Karnatka
Trends in Marine Fish Prodcution
Facts in Indias Fishery Sector
Activity pattern of Fishermens community
throughout the year

CHAPTER 2 -CASE STUDIES

Sasson Dock ,Mumbai.
Mandovi Fishing Jetty ,Goa.
Fishermens Terminal ,Port Seattle US.
Portarlinton Safe Harbour ,Australia.

CHAPTER 3 - SITE ANALYSIS

Site Location
About Bhatkal
Project Site
Ongoing project on Site
Description of the Environment
Ambient Air Quality
Ambient Noise Level
Wind Direction and Wind speed
Water Environment
Soil Quality
Land Use
Biological Environment
Seismicity
Environmental Sensitivity
CRZ Area
Demography
Employment Pattern
Site Potential
Site Survey
SWOT Analysis

CHAPTER 4 - DESIGN OF FISHERMENS HARBOUR

Design Brief
Design Program
Zoning
Concept
Masterplan
Fish Market
Auction Hall
Net Mending shed
Admin Block
Warehouse
Community Hall
Flying Wooden corridor
First Aid Unit
Restroom
Children play Area
Haat
Repair Yard.
Contruccion details of quat structure.

CHAPTER 5 - Bibliography and References

ABSTRACT

The role of the fishing port may be considered as the interface between the netting of fish and its consumption. In many cases, the fishing harbour is also the focal point of pollution, both of the surrounding environment and the fishery products it produces. Many fishing harbours are also the source of major impacts on the physical and biological coastal environment.

Although the bulk of fish landed in fishing harbours in developing countries is destined for the local markets, it is every country's wish to improve the health hazard-free quality of its landed catch in order to increase exports of seafood products to more lucrative overseas markets. In the not-too-distant future, the growth in local consumer rights advocacy will also increase demand for health hazard-free fish.

In today's world of increased environmental awareness, a fishing port must be planned, designed and managed in harmony with both the physical and biological coastal environments.