



FLOOD RESILIENT COMMUNITY
PANDANAD, KERALA

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1AA15AT069
X SEMESTER - A
ANRVSA

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

JNANA SANGAMA, BELGAUM-590014, KARNATAKA, INDIA



THESIS – 2020 "FLOOD RESISTANT COMMUNITY", BENGALURU, KARNATAKA
Submitted in partial fulfilment of the requirement for the award of the degree of

Bachelor of Architecture Carried Out & Submitted by: VAISHNAVI M PATIL
1AA15AT069

Under the Esteemed Guidance of
Ar. MONICA SHARMA



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CERTIFICATE

This is to certify that this is a bonafide record of the Architectural Design Project completed by MS. VAISHNAVI M PATIL of X SEMESTER B.Arch.,
USN no. 1AA15AT069 on project titled

“FLOOD RESISTANT COMMUNITY”
PANDANAD, KERALA

Has been submitted in partial fulfilment of the requirements for the degree of
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Ar. SHEERAZ ZADI
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Ar. MONICA SHARMA(Thesis Internal Guide)

External examiner 1

External examiner 2

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INFORMATIVES



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The project consists of a technology to be used in a rural area affected by flood in the state of Kerala. The project so goes on as to provide certain housing strategies and flood proofing technologies va various structures that exist in a community of people. Thus, the aim and focus is to cater to needs and solve certain problems than creating a need.



MONICA SHARMA
ASSISSTANT PROFESSOR, ANRVSA
B.Arch
Expertises in Project Managment and Climatol-
ogy thus helping in guidances through these sub-
jects.

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01

INTRODUCTION TO PROJECT

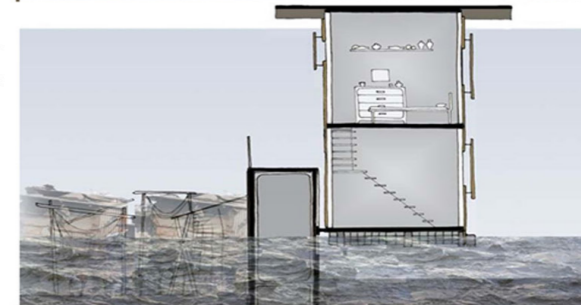
An overview at Kerala's flood situation and thus project justification. Also depiction of Aim of the project, it's scope and objectives.



02

CASE STUDIES, LITERATURE STUDIES

Taking project understanding to a more practical level through examples from around us, through case studies of various Kerala houses and literature studies from Dhaka to Bihar.



03

SITE ANALYSIS

Selection of the site suitable for the project, introduction to it's various features and analyzing understanding and an overview of situation where the natural calamity could be resisted.



04

PROJECT DESCRIPTION

Includes the initial stage where in design program and a project description is formulated followed by zoning and concept for the given site listing various by-laws to be followed to move into further designing of the structures.



05

PROJECT DESIGN

An overlook over the master planning, and designing of facades, their planning and details and resistant technology that could be used/provided with material technology.

