

Estd. : July, 1999

॥ प्रज्वलितो ज्ञानमय प्रदीपः ॥

UGC (2F & 12B) Dt. 16-8-2011

Shri. Shahu Shikshan Prasarak Seva Mandal, Peth Vadgaon's

Perm. Aff. No. SU/AFFI/T-2/UMK/4818 Dt. 15-7-2010



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Feb. 2023

# SHRI. VIJAYSINHA YADAV COLLEGE

Peth Vadgaon, Tal. Hatkanangale. Dist. Kolhapur.

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President : **Shri. Gulabrao Pol**  
I.P.S.

Secretary : **Sou. Vidya Gulabrao Pol**  
M.A., B.Ed.

Vice President : **Smt. Vijayadevi V. Yadav**

Principal : **Dr. Ashok S. Chavan**  
M.A.Ph.D.SET

**1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year**

**Shri.Vijaysinha Yadav College,  
Peth Vadgaon**

**Environment Project List**

**2023-24**



**Shri Vijaysinha Yadav College Peth Vadgaon**  
**B.A . II 2023-2024**  
**Environment Project List**

Name of Student	Project Name
Komal Rajendra Kumbhar	Solar energy is the need of the hour
Sakshi Devgonda Kamble	
Prajakta Sagar Vaydande	
Suhani Suneel Katkar	
Madhuri Tanaji Patil	
Sonali Mahadev Desure	
Parvej Aayub Mulla	A problem to break the Plant
Akash Anil Doifode	
Bhushan Nagesh koli	
Gourav Sambhaji Mali	
Ashish Chandrkant Chougule	
Ujwala Dagdu Bodke	Use of non-conventional energy
Uday Jaysingh Shinde	
Rohan Dhanaji Khade	
Tanuja Sarjerao Bandgar	
Rajnandini Sanjay Yadav	
Yashraj Mahadev Patil	A problem to break the Plant
Sakshi Amar Sarafdar	
Abhishek Anil Nalwade	Study of ground water in Bhadole village
Ugale Ritesh Rajaram	Use of non-conventional energy
Shivaji Dhaavu Bodake	
Kodabai Biru Zore	Population growth is a critical issue - Gram Panchayat Dhavali
Laxman Balaso Jadhav	
Dhairshil Ananda jadhav	
Snehalata Dilip Jadhav	Study of ground water in Bhadole village
Megharani Mahadev Shinde	
Abhishek Dilip Suryavanshi	Pesticides used in agriculture and their impact on health and environment
Anjali Avinash Patil	
Rupali Tukaram Patil	
Nupur Kisan Patil	
Sanika Chandrakant Kumbhar	
Yashraj Yuvraj Sangrulkar	
Namrata Sanjay Kamble	




Sanika Shivaji Sutar	Farms are the need of the hour project
Harshda Sunil Yadav	
Pratiksha Pradip Kusheere	
Sanika Jaysingh Koli	
Sneha Chandrakant Chavan	Importance of Ayurvedic plants found in the area .
Vrushali Ramesh kamble	
Vaibhavi Rajaram Gurav	
Dhanshri Sudheer Patil	
Anjali Jyotiram Nikam	
Sumit Sanjay Pawar	
Dilip Sanjay Kamble	Soil Pollution
Vijaya Satish Kumbhar	
Swarupa Shankarao Sonavale	
Samatha babaso Chogule	
Ketaki Suneel Mane	
Sunil Sarjnsing Nepali	A Comparative Study of Organic Farming and Chemical Farming
Madan Rangarao Anuse	
Afrin Dilawar Mulla	
Vaishnavi Shrikant Chavan	
Sanika Sunil Mane	
Sonaal Dipak Patil	Man-made disasters
Srushti Sanjay Jadhav	
Akshta Raggunaat Ghotawade	
Madhuri Subhash Sid	
Santosh Suneel Aadake	
Komal Shivaji Shinde	
Payal Popat Gurav	Poly-house
Sanika Ashok Jadhav	
Darshanaa Dinesh koli	
Namrta Vittal Patil	
Apeksha Amol Patil	
Vaishnavi Sanjay Patil	
Sanika Anil Telvekar	
Chavan Komal Sampat	Earthquake
Bane Namrta Dagadu	
Sanmukh Dhanshri Prakash	
Tulasa Maruti Tarihlkar	
Nadaf Safiya Nafis	
Arpita Anil Kagwaade	
Sanika Parsuram Kerlikar	
Pooja Krushnat Shinde	
Mansee Srikant Shinde	





Namrta Shivaji Shinde	Soil Pollution
Rasika Ramchandra Shinde	
Suvrana Babaso Kamlakar	Air Pollution
Amrut Hanmat Chavan	
Sourbh Satish gawade	Management of waste from weekly Bazar in Sawarde village
Vrushali Vishnu Jadhav	Solar energy is the need of the hour
Vishkha Khabale	
Yogini Dilip Bhate	



  
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Dist. Kolhapur.



Shri Vijaysinha Yadav College Peth Vadgaon  
B.Sc. II 2023-2024  
Environment Project List

Student Name	Name of the project
Aditya Ananda pati	Global warming
Shivprashad Sanjay chougule	
Pratik Mahadev Patil	
Aditya Krishnat Patil	
Samarth Ranjit Chavan	
Pratik Shashikant Kadam	
Tejas Rajendra Patil	Pollution
Sujal Subhash Patil	
Pramod Jotiram Yadav	
Satyaprakash Bhimsen Mane	
Pavan Arvind Patil	
Sanika Rangrao kekare	Types of pollution and their effect
Sandhya Shivaji Gurav	
Sourabh Sampatrao Suryavanshi	
Vishwajit Jaywant Patil	Medicinal plants and their importance
Anuja Pawar	Deforestation- A problem
Prajakta Patil	
Wasim Momin	
Pratik Raghunath Patil	Pollution
Ashish Subhash Dhanawade	
Vaishnavi Vijay Jadhav	Effects of chemical fertilizers on agricultural crop
Sayali Shivaji Patil	Biomedical waste management
Pranjal Shivaji Patil	
Prachi Madhukar Patil	
Pranali anil Koli	Medicinal plants and their importance
Sohel Bagwan	
Sujal Chougule	
Vishwajeet kirtsinhg	
Pratham Godbole	
Pradip Patil	
Vishwajeet Waghmare	
Vishwajeet Shinde	
Swati Balaso Jadhav	
Amurta Maruti chopade	
Sanika Santosh Patil	



Sanika Sanjay Patil	Survey of poly-house and nursery
Kajal Vijay Patil	
Sakshi Raghunath khot	Types of pollution and their effects
Sakshi Vijay Mali	
Anagha Anil Patil	
Aditi Indrajit Kerlekar	
Rasika Dhanaji Karande	
Anushka Dhanaji Patil	Industrial waste water
Sakshi Santosh Parit	
Sejal Jaysing Kamble	
Nikita Vijaykumar Patil	
Jyoti Sandip Shinde	
Samina Mainuddin Bedag	Medicinal plants and their importance
Snehal Sunil Dongare	
Pruthviraj Tanaji Patil	
Sharvari Sudheer Vatare	Animal diversity on mahalaxshmi lake in Peth, Vadgaon
Shraddha Sunil Desavale	
Shruti Sanjay Mali	
Shraddha Rajesh Kamble	
Tanuja Sanjay Varape	
Archana Patil	Deforestation
Tejaswini Pawar	
Sahil Taigade	
Harshvardhan Patil	
Manas Shinde	
Divya Jagtap	Energy resources
Neha Dalavi	
Bhumika Sankapal	
Ankita Bhandari	
Pooja Amol Teware	Deforestation
Anuja Chandrakants Relekar	Soil Pollution
Anjali Vijay Dhumal	
Rutuja Rajendra Patil	
Aishwarya Namdev Suryavanshi	
Vaishnavi Vishvash Bhosale	
Samiksha kundalik Patil	



Shreyasha Mahesh Nilaje	Disaster management
Snehal Mahesh Powar	
Sakashhi Mahesh Shelar	
Sayali Gajanan Khot	
Saniya Maheebul Mulani	Rain water harvesting
Arati Suneel Gholap	
Namrata Shamrao Kothari	
Afrin Jamir Vathare	
Pratiksha Macchindra Pangarkar	Noise pollution
Saniya Dattatray Mulik	
Sanjana Chandrakant Parit	
Samina Illai Mulla	



*[Handwritten signature]*

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**Shri Vijaysinha Yadav College Peth Vadgaon**  
**B.Com II 2023-2024**  
**Environment Project List**

Student Name	Name of project
Anjum Jamal Mulani	A study of pollution from sugar factories
Asmita Mahipati Patil	
Dhanshri Tanaji Patil	
Sanika Sanjay Patil	
Jyoti Yashwant Patil	
Ankita Uttam Patil	Study of organic farming and chemical farming
Yogita Subhash Chougule	
Gyatri Sanjay Gaanbavale	
Afifa Samir Momin	
Faeja Amin Mujawar	
Tabassum juber Momin	Pollution due to stone crushers
Jakiya Irfan Tamboli	
Bhandri Sadhana Narndra	
Sakshi Tukaram Pujari	
Saniya Jalindhar Jadhav	Solid waste management
Sanika Dinkar Bhui	
Snehal Sunil Doifode	
Chaitali Sanjay Bedge	
Sanika Aakaaram Nirmale	
Nikita Bhairvanath upadhye	Agriculture development in modern way
Bharghavi Chandrjkant Chougule	
Pragati Netaji Babar	
Suraj Sanjay Bamane	
Sakshi shashikant Bhosale	Increasing use of chemical fertilizers and harmful effects
Umma Arjun Salankhe	
Arpita Dattatray Salunkhe	
Hemshri Dadaso Patil	Air pollution in Peth, Vadgaon city
Priyanka Ramesh Gaikwad	
Pranjali rajaram chavan	
Sakshi Arun Chavan	
Smitha Vikas Chavan	
Shahid Aayub Mahabri	Deforestation is a problem
Shahid zabiulla Momin	
Yaasd Abdulkadar Inamandaar	
Hujeb Riyaj Momin	



Athrv Amar Lambe	Importance of ayurvedic flora found in the area
Om Vinod Patil	
Rushikesh Sunil Shelke	
Sanket Sukhdev kamble	
Suraj Shahaji Khot	
Sanika Madhukar Sutaar	Causes and solutions of noise pollution in the city
Sanika Shrikant Shing	
Ratan Rajendra Pawar	
Snehal Vihshvas Patil	
Sumit Rajendra Jangham	
Lakhan Macchindra Shinde	Irrigation methods
Vaibhav krushmnat Lohar	
Kurne Sunny Dilip	
Sehan Salim Momin	
Aditya Sambhaji Jadhav	
Sanika Ashok Jadhav	Pesticides used in agriculture and their effects on human health and the environment
Asmita Madhukar Khude	
Shravani Mahaveer Desai	
Rahul Suneel Sawant	
Kavita Tukaram kamble	
Aarti Rajendra Ghatage	A study of crops in Sawarde village
Pooja krushnat Teli	Classification and management of solid waste
Sanyogita Nagnaath Mane	
Sarikha Dhondiram Vadd	
Sangita Sidhu Mali	
Pranjal Manohar Chougule	
Diksha Dipak Mohite	Water pollution problem
Vaibhavi Mahadev Parit	
Saniya Balashaeb Jadhav	
Sonal Ramchndra Patil	
Archana Ashok Bhosale	
Prdnya Arun Ghevde	Sewage disposal
Ravina Janardhan Ghtage	
Sapana Dadaso Ghatge	
Kiran Tanaji Patil	
Sanika Dinkar Bhosale	
Prerana Chandrkant Yadav	Air Pollution
Tejshri Ragunath Gosavi	
Yash Rajaram Nikam	
Ashish Vijay Hupare	
Sahil Bhaskar Patil	





Shreyash Vilochan Shinde	Irrigation systems in Kini village
Shivprasad Sitaram Patil	
Shrikrushna Suneel Patil	
Apeksha Uttam Dalvi	A study of the impact of local industries on their surrounding environment
Piyush Umesh Lole	
Harsh Umesh Kadam	
Rohit Prakash Patil	Flowers of Vadgaon area and their environmental importance
Rushikesh Sanjay Patil	
Abhijeet Ranjeet Patil	
Anuraaj Mohan Salokhe	
onkar Sanjay Patil	
Anushka Ashok Patil	Medicinal plants of Bhendwade area and their ecological importance
Manali Tanaji Mulik	
Sanika Subhash khade	
Sakshi Suryakant Lohar	
Pranli Maruti khandhre	
Arpita Amruta Sutar	
Amruta Arjun Bhosale	Solid waste management
Mrdula dilip kore	



*[Signature]*  
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By

**Shri. Shahu Shikshan Prasarak Seva Mandal**

**Shri. Vijaysinha Yadav College,  
Peth Vadgaon**

Tal - Hatkanangale Dist. Kolhapur



**DEPARTMENT OF ENVIRONMENTAL STUDIES**

**B.Sc - II**

**NAME OF PROJECT- Disaster Management**

**Year - 2023-24**

Sr.No	NAME OF THE STUDENT	Roll No.	Sign
1	✓ SHREYASHA MAHESH NILAJE	1076	<u>Shikha</u> ✓
2	✓ SNEHAL MAHESH POWAR	1082	<u>Snehal</u> ✓
3	✓ SAKSHI MAHESH SHELAR	1084	<u>Sakshi</u> ✓
4	✓ SAYALI GAJANAN KHOT	1022	<u>Sayali</u> ✓

**Guide Prof**

Prof. Akash Lashkare

**Principle**

Dr. Ashok Chavan



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**Shri. Vijaysinha Yadav College,  
Peth Vadgaon**

**Tal - Hatkangale Dist. Kolhapur**



**DEPARTMENT OF ENVIRONMENTAL STUDIES**

**SY. B.Sc**

**NAME OF PROJECT- Disaster Management**

**Year - 2023-24**

Sr.No	NAME OF THE STUDENT	Roll No.	Sign
1	SHREYASHA MAHESH NILAJE	1076	<i>Shriyasha</i>
2	SNEHAL MAHESH POWAR	1082	<i>Snehal</i>
3	SAKSHI MAHESH SHELAR	1084	<i>Sakshi</i>
4	SAYALI GAJANAN KHOT	1022	<i>Sayali</i>

*Akash*  
**Guide Prof**

Prof. Akash Lashkare

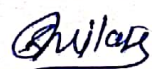

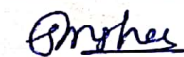
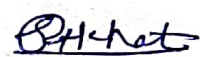
*Ashok*  
**Principle**

Dr. Ashok Chavan



# CERTIFICATE

This is to certify that the project report entitled “Disaster Management” A partial fulfilment of B.Sc. – II in Environment Studies to Shri Vijaysinha Yadav College, Peth Vadgoan. This project has been completed under guidance and supervision. To the best of knowledge and belief, the matter presented in this project report has not been submitted elsewhere for any other purpose.

Sr.No	NAME OF THE STUDENT	Roll No.	Sign
1	SHREYASHA MAHESH NILAJE	1076	
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**Prof. Akash Lashkare**

  
**Principle**

**Dr. Ashok Chavan**

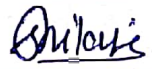
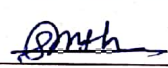
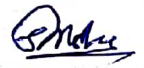
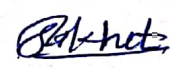
**Date :** 7/02/24

**Place :** Peth Vadgaon

# DECLARATION

I undersigned, hereby declare that projection "Disaster Management" developed under the guidance of Prof. Akash Lashkare. The conclusion based on the data, which is collected by me. I declare that this is my original work.

I have not copied any material, which is useful to my work, which are submitted to Shri. Vijaysinha Yadav College, Peth Vadgaon in this year.

Sr.No	NAME OF THE STUDENT	Roll No.	Sign
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**Prof. Akash Lashkare**

**Principle**

**Dr. Ashok Chavan**

**Date :** 07/02/24

**Place :** Peth Vadgaon

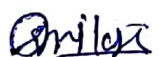

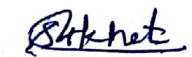
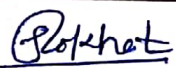


# ACKNOWLEDGEMENT

I take this golden opportunity to express my heart full thanks and deep sense of gratitude to Dr. Ashok Chavan, Shri Vijaysinha Yadav College, Peth Vadgaon. Who has been a constant source of encouragement to complete this project work and giving his excellent guidance and suggestion from time to time during course of this work.

I am also thanks to Prof. Akash Lashkare, of the inspiration, motivation and ever willing help.

Lastly, I would like to thanks all my friends and well wishers for their good will to complete the project work.

Sr.No	NAME OF THE STUDENT	Roll No.	Sign
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Prof. Akash Lashkare

**Principle**

Dr. Ashok Chavan

Date : 07/02/24

Place : Peth Vadgaon



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- + Possible Risk Reduction Measures For Tsunami
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## WHAT IS A Disaster....?

A disaster can be defined as "A serious disruption in the functioning of the community or a society causing wide spread material, economic, social or environmental losses which exceed the ability of the affected society to cope using its own resources".

A disaster is a result from the combination of hazard, vulnerability and insufficient capacity or measures to the potential chances of risk. A disaster happens when a hazard impacts on the vulnerable population and causes damage, casualties and disruption.

Any hazard - flood, earthquake or cyclone which is a triggering event along with greater vulnerability (inadequate access to resources, sick and old people, lack of awareness etc.) would lead to disaster causing greater loss to life and property.

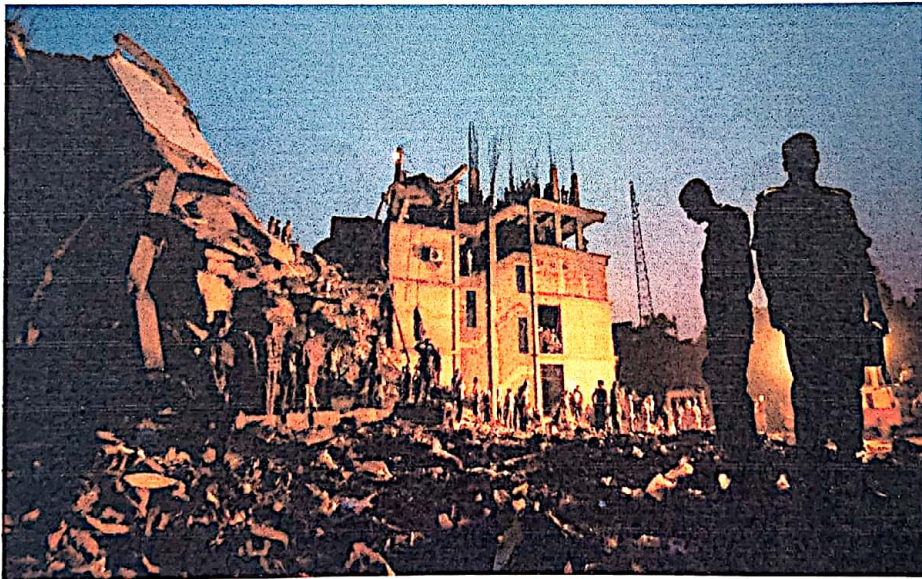


## **TYPES OF DISASTERS:-**

Disasters can be of two types: NATURAL and MAN-MADE



**NATURAL DIASTERS**



**MAN-MADE DIASTERS**



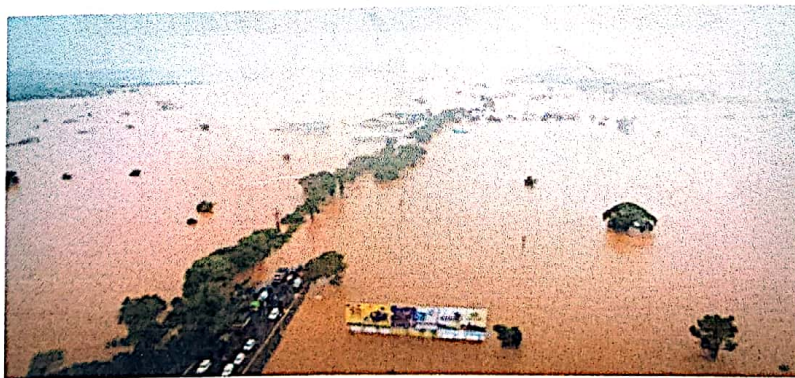
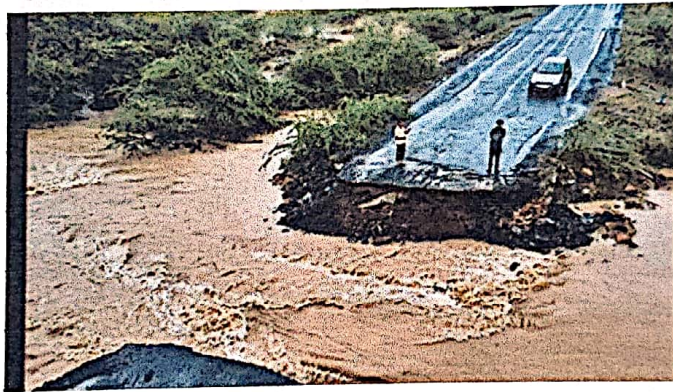
➤ **These disasters can be further classified into various CATEGORIES:**

▪ **NATURAL:-**

**Meteorological:-** Cyclones, Floods, Blizzard, Tornado, Thunderstorms, Droughts, Extreme Cold/Hot

**Geological:-** Earthquake, Landslide, Volcanic Eruptions, Tsunami

**Environmental/Biological:-** Global Warming, Climate Change, Ozone Depletion, Solar Flares, Plagues, Epidemics



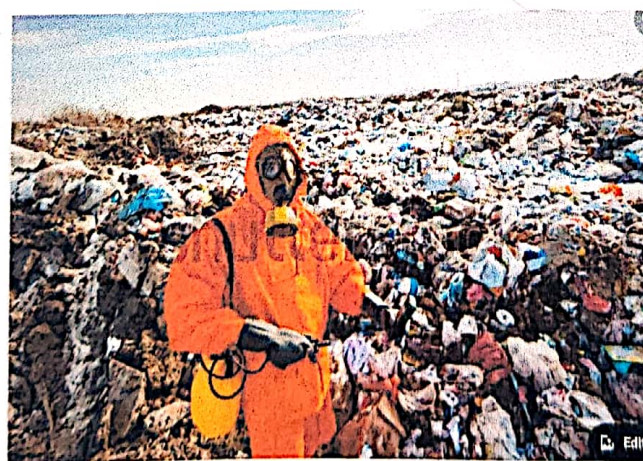


## ▪ MAN-MADE:-

Technological:-Transport accidents, Structure failures, Explosion, Fires

Industry:-Pollution, Chemical Spill, Radiation, Gas leaks, Poisoning

Warfares:-Terrorism, War, Internal Conflicts,



Disaster Risk Reduction can take place in the following ways:

**Preparedness:** This protective process embraces measures which enable communities and individuals to respond rapidly to disaster situations to cope with them effectively.

- Preparedness includes the formulation of viable emergency plans, the development of warning systems, the maintenance of inventories and the training of personnel.

- It may also embrace search and rescue measures as well as evacuation plans for areas that may be at risk from a recurring disaster.

- Preparedness therefore those measures taken before a disaster event which are aimed at minimizing loss of life, disruption



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- Preparedness therefore those measures taken before a disaster event which are aimed at minimizing loss of life, disruption of critical services, and damage when the disaster occurs.

- Mitigation embraces measures taken to reduce both the effect of the hazard and the vulnerable conditions to it in order to reduce the scale of a future disaster.

- Therefore mitigation activities can be focused on the hazard itself or the elements exposed to the threat. Examples of mitigation measures which are hazard specific include water management in drought prone areas, relocating people away from the hazard prone and by strengthening structures to reduce damage when a hazard occurs.

- In addition to these physical measures, mitigation should also aim at reducing the economic and social vulnerabilities of potential disasters.



Most of the habitation of the fishing community is seen in the coastal areas. The houses constructed by them are mainly of lightweight materials without any engineering inputs. Therefore there is an urgent need to educate the community about the good construction practices that they should adopt such as:-

- Site selection - Avoid building or living in buildings within several hundred feet of the coastline as these areas are more likely to experience damage from tsunamis.

Construct the structure on a higher ground level with respect to mean sea level.

- Elevate coastal homes - Most tsunami waves are less than 3 meters in height.

Elevating house will help reduce damage to property from most tsunamis of water breakers to reduce the velocity of waves. Use of water and corrosion resistant materials for construction.

Construction of community halls at higher locations, which can act as shelters at the time of a disaster.

## REFERENCES

Name of Book	Writer
Disaster Management and preparedness	Nidhi Gauba Dhwan.
Disaster Management	Pavneet Singh
Refrences link	<a href="http://www.scribd.com">http://www.scribd.com</a>