

# Adopt a River Stretch Program



**Case-studies all around the world suggest  
that**

**“River revival is not possible without participation of citizens”**

# OUR EXPERIMENT

We asked people what they feel about the river

To our surprise..

**9 out of 10 people stopped  
talked about river**

**People of all ages had lot to share**



# OUR LEARNING

## People in urban areas

- Are not indifferent to their rivers
- They wish to do “something”

Only do not know how and where to start



# ADOPT A RIVER STRETCH

**We launched this program**

**to bring together good intentions in the society  
&**

**convert it into meaningful action towards river conservation**

# CURRENT PROJECTS IN PUNE UNDER THIS PROGRAM

**Mutha** river at Vitthalwadi

**Mutha** river at S. M. Joshi Bridge

**Mutha** river at Omkareshwar mandir

-----

**Mula** river at Aundh

**Mula-Ram nadi** confluence at Aundh

# FIRST PROJECT- **VITTHALWADI**



**Mutha River**

**Start: May 2017**

**Every Sunday**

**7 a.m. to 8:30 a.m.**

# PROJECT- **AUNDH**



**Mula River**

**Start: July 2017**

**Every Saturday**

**7:30 a.m. to 8:30 a.m.**



# PROJECT- **AUNDH**



**Mula – Ram Confluence**

**Start: August 2017**

**Every Sunday**

**7 a.m. to 8:30 a.m.**



# PROJECT- **S. M. JOSHI BRIDGE**



**Mutha River**

**Start: June 2018**

**Every Saturday**

**7 a.m. to 8:30 a.m.**



# PROJECT - OMKARESHWAR



**Mutha River**

**Start: July 2018**

**Every Saturday**

**7 a.m. to 8:30 a.m.**



# PROJECT – SHIVAJI BRIDGE



**Mutha River**

**Start: Soon**



# VITTHALWADI PROJECT



- It started with 3 people
- Every week new members joined
- Youngest member is 7 and eldest is 77



# CHALLENGES

All the possible stresses on the river in urban landscape





# WHAT WE DO



**Cleanup: Solid waste  
dumped on the banks,  
dumped in the channel,  
brought by floods,  
carried from upstream**





# WHAT WE DO

## Cleanup

**Waste is categorized and documented**  
**Non-recyclables given to Municipal waste management**  
**Intact glass bottles are sent to scrap shops**





# WHAT WE DO

**Going to the source of Solid Waste Problem**  
**Collection of plastic at the source to be sent to recycling facility**



- 5 Schools
- 5 Residentials Societies
- Discussion with the corporator
- Discussion with PMC field staff
- Joint meeting with all the stakeholders



# WHAT WE DO



**Biodiversity**



**Documentation**



# WHAT WE DO

## Habitat Documentation

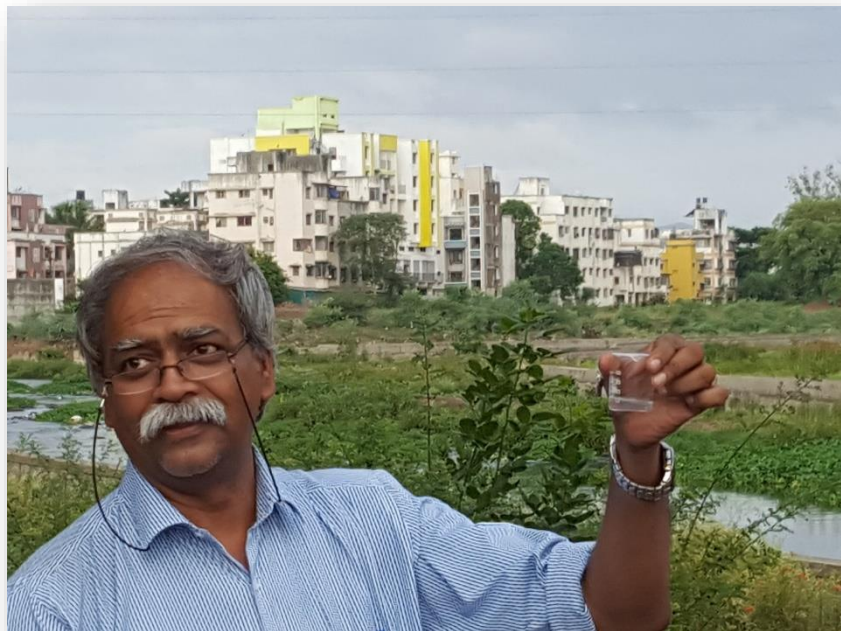




# WHAT WE DO

## Dissolved Oxygen Monitoring

8 = ∞



June, October - May  
DO = 0- 2 ppm



July 2017  
DO = 2 ppm



August 2017  
DO = 7 ppm



# STORYTELLING BY THE RIVER

**"By re-storyng the river, by bringing it to life in our hearts and minds,  
we can begin to work towards its physical restoration."  
- The return of the river**

**Storytelling by the River**

**Bringing children to the river, Bringing parents to the river**



# STORYTELLING BY THE RIVER



**On the bank of  
Mutha river**



# STORYTELLING BY THE RIVER

**On the bank of  
Mula- Mutha river**





# STORYTELLING BY THE RIVER



On the bank of  
Pawana river



# STORYTELLING BY THE RIVER

**At  
Mula-Ram Confluence**





# KIRTAN

To generate awareness about *nirmalya* composting instead of disposal in the river, traditional kirtan, with message about the river, river issues, our responsibility was organised in Vitthal mandir on the river bank.





# REDUCING STRESSES ON RIVER

## *Nirmalya* Management

Amount of *nirmalya* in the bin

= less *nirmalya* in the river

= more DO in the river





# WE HAD OUR FAIR SHARE OF FRUSTRATIONS



New gargabe every week  
Un-segregated *nirmalya*



# EVENTUALLY IT CHANGED (AFTER AROUND 8 MONTHS)



*Nirmalya* is almost 100% segregated

People stop, talk to us, share memories of beautiful Mutha

Clean riverbed proved deterrent to garbage dumping.  
Cooperation from PMC personnel increased





# WETLAND DEVELOPMENT



**6-Sunday plan:**  
**Avoid stagnant pools,**  
**let water flow from one**  
**pool to another,**  
**treat it with plants**





# WETLAND DEVELOPMENT



**Alterations in the riverbed has resulted in stagnant pools, marshy places.**



# WETLAND DEVELOPMENT



**Clean Water  
reaches  
the river**





# WETLAND DEVELOPMENT



**With success of this pilot,  
Now it will replicated  
for more marshy places  
in the riverbed.**



# **WATER HYACINTH COMPOST PROJECT**



**Water Hyacinth is removed from the river**

**Alternate layers of dry leaves and Water Hyacinth are created**

**Culture is added to create compost**

**In monsoon, plantation will be done on this compost patch**



# MY RIVER, MY RESPONSIBILITY





# MY RIVER, MY RESPONSIBILITY



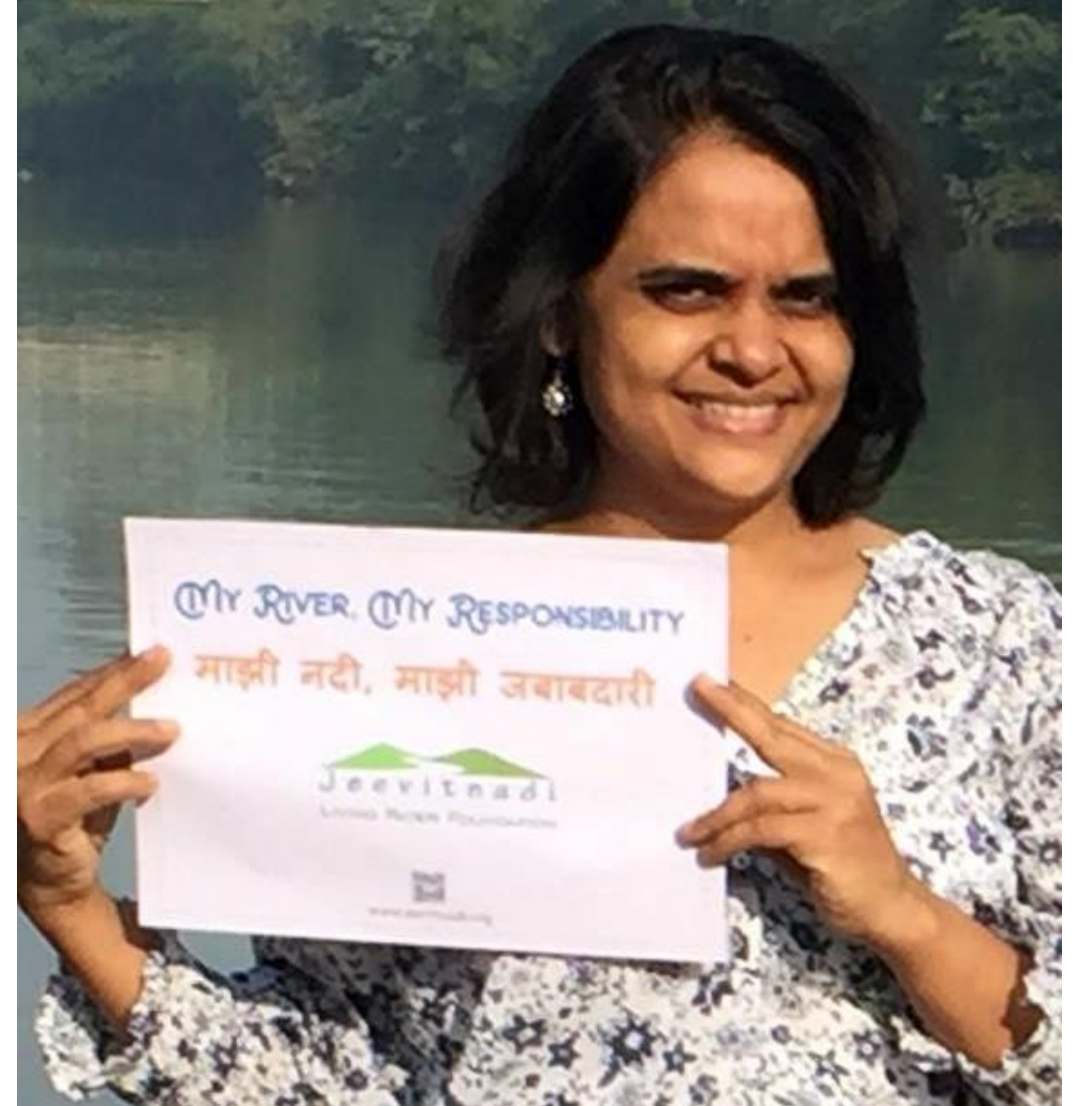


# MY RIVER, MY RESPONSIBILITY





# MY RIVER, MY RESPONSIBILITY



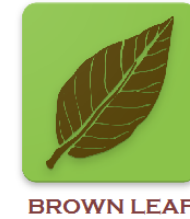


# MY RIVER, MY RESPONSIBILITY





# OUR ASSOCIATES



With invaluable cooperation from





**“We do not inherit earth from our ancestors,  
We borrow it from our children”**



**Let's give our children,  
what is rightfully theirs'**

**A LIVING RIVER**  
**CLEAN & HEALTHY ENVIRONMENT**



# CONTACT US

[www.jeevitnadi.org](http://www.jeevitnadi.org)

[jeevitnadi@gmail.com](mailto:jeevitnadi@gmail.com)

<https://www.facebook.com/jeevitnadi/>

**Aditi Deodhar- 7350000385**