

Student Thesis Competition (STC) Season 5 on “Re-imagining Urban Rivers”

REVIVING THE VAIGAI - A Vibrant Cultural and Social Riverfront for Temple city, Madurai

Student Name: Kargi S
Course Discipline: Master of architecture
(Landscape Architecture)

AIM:

The aim of this thesis is to rejuvenate the Vaigai River as a vibrant cultural, ecological, and social corridor and transforming a 4km stretch in Madurai city into a inclusive riverfront. The project seeks to restore the river's environmental health, reconnect the community with its rich cultural heritage, and create multifunctional spaces that integrate recreation, tradition, and ecological balance.

OBJECTIVE:

To restore the Vaigai River as a vibrant and sustainable cultural, and recreational corridor in Madurai, the temple city.

1

To activate the river edges through multifunctional zones by enhancing accessibility and connectivity.

2

To create a cultural corridor that facilitate the temple precision and festivals

3

To improve the Socio - Economic, Recreational value of the River.

4



. Untreated sewage drains . Public defecation
. Dumping of waste . Industrial effluents from Sidco . Cremation activity . Oil and grease
. Eutrophication

. Lack of connectivity . Lack of amenities . Lack of open space and Recreational areas . loss of waste management . Ineffective STPs . Seasonal flooding

. Groundwater overuse . invasive species . silted check dams degrade the river . Sand mining . waste dumping . vegetation loss shrink Vaigai's width and health.



