

# Master in Architecture

(Urban Landscape Design)



Production of Courseware e-Content for Postgraduate Subjects

Module Detail	
Subject Name	M.Arch - Architecture
Paper Name	Urban landscape Design
Module Name/Title	Case Study _ Pondicherry / Eco Tourism
Objectives	1. To learn about the need for Sustainable open space in urban areas.
Keywords	Case Study _ Pondicherry / Eco Tourism



## 2. Development Team

Role	Name
<b>National Coordinator</b>	
<b>Subject Coordinator</b>	<b>Dr. Monsingh D. Devadas</b>
<b>Paper Coordinator</b>	<b>Mr. K. Raghuraman</b>
<b>Content Writer/Author (CW)</b>	<b>Mr. K. Raghuraman</b>
<b>Content Reviewer (CR)</b>	<b>Mr. Deepak Rao</b>
<b>Language Editor (LE)</b>	



## e-Text & Learn More

### e-Text

#### Pondicherry Eco-Tourism

##### Introduction

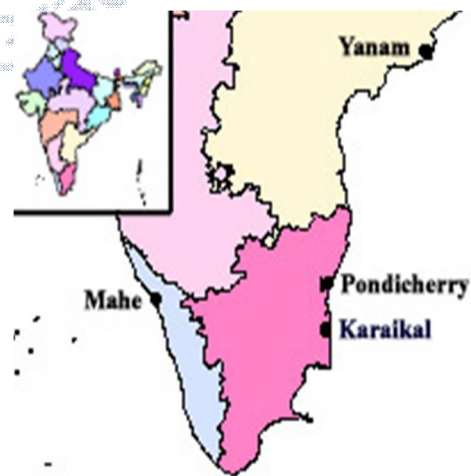
Pondicherry is a peaceful and beautiful tourist destination located on the western coast of southern India. Pondicherry is a Union Territory of India, and was a French colony till 1962. Even today the French influence can be seen in Pondicherry to a remarkable degree.

The Union Territory of puducherry comprises of four coastal regions viz- puducherry, Karaikal, Mahe and Yanam. puducherry and Karaikal are situated on the East Coasts in Tamil Nadu, Yanam in Andhra Pradesh and Mahe on the West Coast in Kerala.

Puducherry is a unique place. Many feel that it has a distinct spiritual vibration. Stories of resident sages come down through its history from the earliest days. The nickname “Pondy” sums up this shared feeling of belonging, of having come home.

##### Union Territory Of Puducherry

- **PUDUCHERRY** is on the east coast, about 162 kms. south of Chennai. (area - 290 Sq.Kms.)
- **KARAİKAL** region is about 160 kms. south of Pondicherry and is surrounded by Nagapattinam district of Tamilnadu (area - 161 Sq.Kms.)
- **MAHE** region lies almost on the same latitude to Pondicherry, 653 kms. away on the west coast near Tellicherry in Kerala. (area-9 Sq.Kms.)
- **YANAM** region is located about 840 kms. northeast of Pondicherry near Kakinada in Andhra Pradesh. (area- 20 Sq. Kms.



Puducherry is the Capital of this Union Territory. It is on the east coast about 162 kms south of Chennai (Madras) located on the Coromandel Coast of the Bay of Bengal. There are no hills or forests in this region. The main soil types in this region are red ferrallitic, black clay and coastal alluvial. Puducherry is best accessible by road from Chennai, Bangalore and even from Kerala. Chennai has an international airport which directly connects to the highway to Puducherry.

## **BASIC INFORMATION**

ITEM	ALL INDIA	PONDICHERRY
Area in Sq. Kms.	3287240	480
Population (lakhs)	10286.10	9.74
Rural Population (%)	72.18	33.43
Urban Population (%)	27.82	66.57
Literacy Rate (%)	64.8	81.20
(‘000 live births)	64	25
Sex Ratio	933	1001
Density of Population (per Sq.km)	320	2029

**PUDUCHERRY IS MORE THAN JUST HISTORY, HERITAGE AND SPIRITUALITY...**

**Puducherry is a**

- Family weekend retreat
- Offsite for corporate conferences
- Weekday excursion for school and college students
- Shopper’s paradise for arts and crafts
- Spiritual retreat for foreigners



PEACEFUL  
**Pondicherry**  
Give time a break.

Tourism has been seen as one of the fastest emerging industries in Puducherry

## STATISTICS

<i>Year</i>	<i>Domestic Tourists</i>	<i>Growth %</i>	<i>Foreign Tourists</i>	<i>Growth %</i>
1999	4,49,429	(+) 10.42%	22,983	(+) 24.22%
2000	5,27,274	(+) 17.32%	23,878	(+) 3.89%
2001	4,76,804	(-) 9.57%	22,115	(-) 7.38%
2002	4,80,522	(+) 0.78%	20,094	(-) 9.13%
2003	5,00,139	(+) 4.08%	25,559	(+) 27.19%
2004	5,58,445	(+) 11.66%	32,053	(+) 25.40%
2005	6,24,011	(+) 11.74%	40,500	(+) 26.35%

The above statistics do not cover the “Day Visitors”, which is a minimum 25,000 – 30,000 per day (Commercial/ Shopping/ Weekend visit/ Students)

THE PRESENT LURE IS ONLY BECAUSE OF ITS INHERENT STRENGTHS.

**MAJOR INVESTMENTS ARE YET TO BE MADE FOR SPECIFIC TOURISM PROMOTION**

**THE TOTAL NUMBER OF FOREIGN TOURISTS HAVE SIGNIFICANTLY INCREASED:**

- WITH A MAJORITY FROM FRANCE, GERMAN, UK, AMERICA, AUSTRALIA AND SWITZERLAND
- AND FRENCH TOURISTS ACCOUNT FOR ALMOST ONE-FOURTH OF THE INFLOW

## ECO-TOURISM

ECOTOURISM – SUSTAINABLE TOURISM.

ECOTOURISM deals with living parts of NATURAL ENVIRONMENTS.  
FLORA, FAUNA and CULTURAL HERITAGE are the primary attractions.

The main purpose is to educate the traveler.

### 7 CHARECTERISTICS OF ECO-TOURISM :

01. Involves travel to nature destinations.
02. Minimizes Impact.
03. Build environmental awareness.
04. Provides direct financial benefits for conservation.
05. Respect local culture.
06. Supports human rights and Democratic Movements.
07. Provides financial benefits and empowerment for local people.

### LIST OF PROPOSED SITES :

**Project No.1 – Eco Beach Development**

**Site : 1 : Chinna Veerampattinam beach**

**Site : 2 : Dubrayapet & Arikamedu beach**

### THE PROJECT

#### PROJECT NO:1 – ECO BEACH DEVELOPMENT



**SITE :1 - CHINNA VEERAMPATTINAM**



**Site photos**



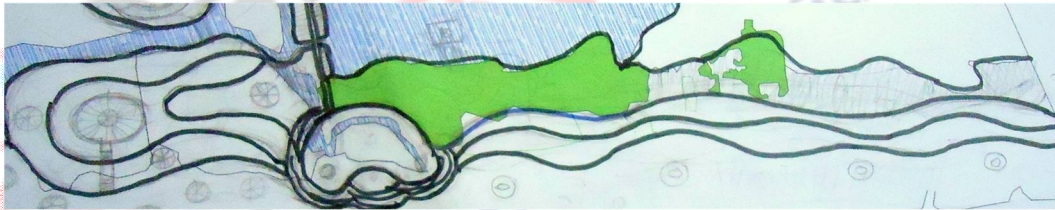
**Survey plan**



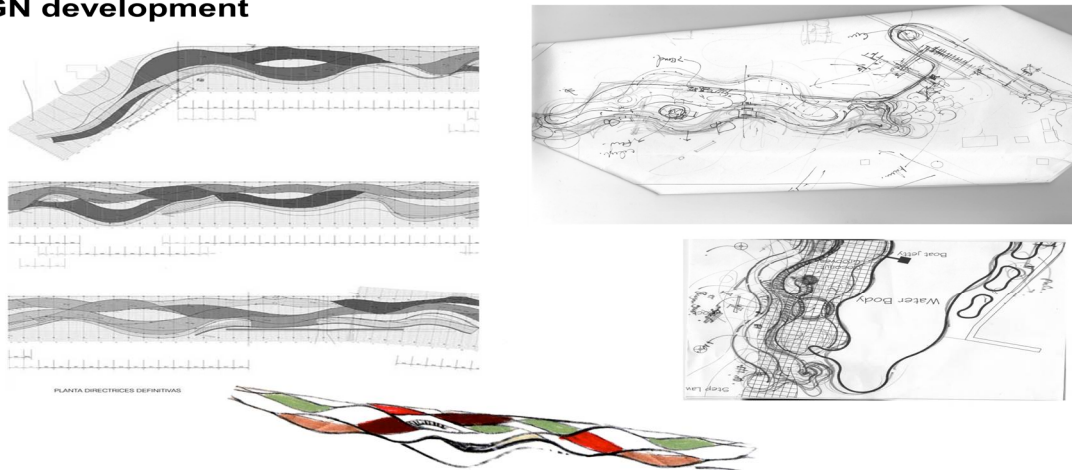


## DESIGN CONCEPT

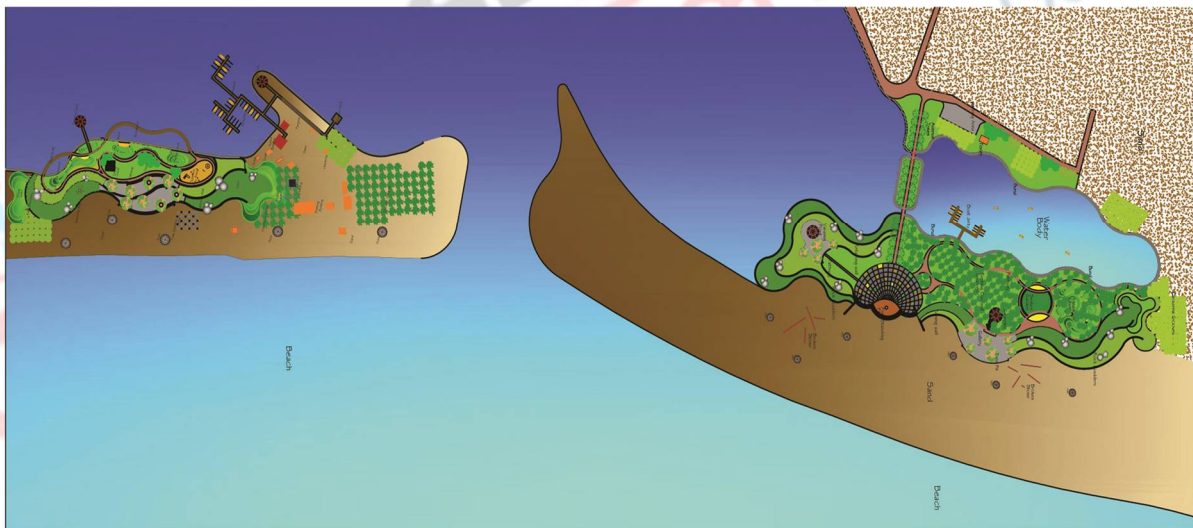
THE THEME AND CONCEPT OF THE PROPOSED SITE IS **WAVE**



## DESIGN development



## Landscape plan

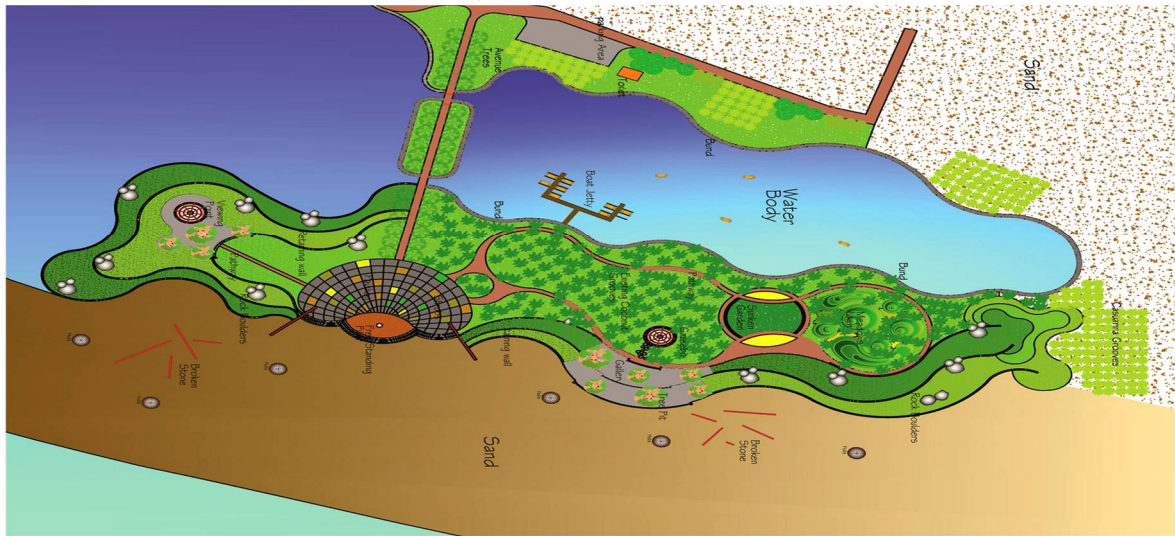


### THE PROPOSED ELEMENTS IN THE SITE ARE:

- ENTRANCE PLAZA
- LIFE GUARD
- CHANGING ROOMS
- RAIN SHELTER
- TOILET
- STEPPED LAWN
- EXTENSION OF COCONUT GROVES
- WATCH TOWERS
- HANGING BRIDGE
- SCULPTURES
- RETAINING WALLS
- GABIAN WALL
- PATHWAY
- CAFETERIA
- CAMP FIRE
- VIEWING GALLERY
- BOULDERS
- BOAT JETTY
- VIEWING DECKS

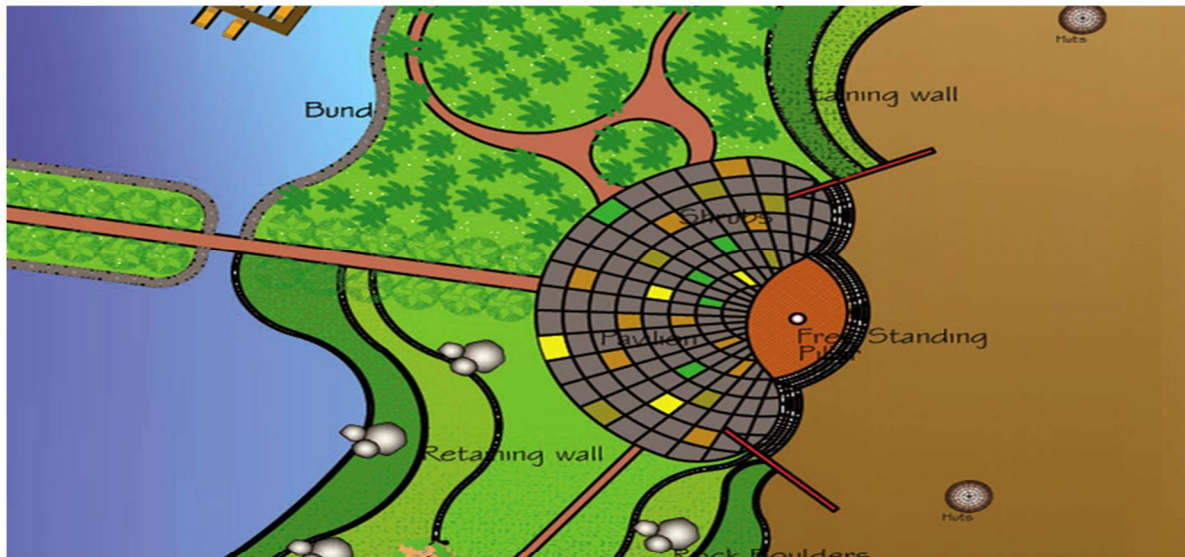
DESIGN PROPOSAL

THE THEME AND CONCEPT OF THE PROPOSED SITE IS WAVE



Pathshala  
पाठशाला  
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## ENTRANCE PLAZA



## COCONUT GROVES AND BOAT JETTY

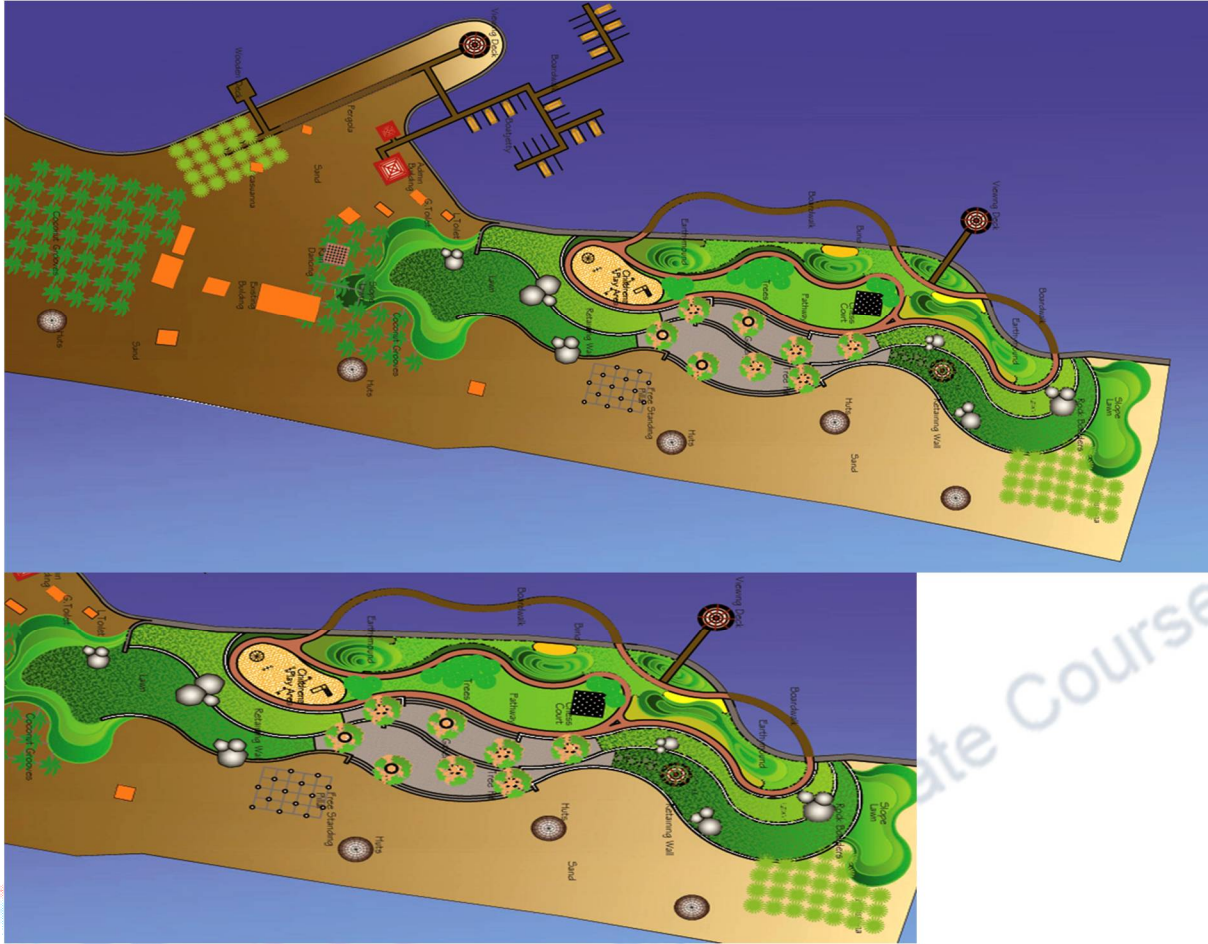


## VIEW



## Closer VIEW





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**VIEW**



**VIEW**

Boat Jetty



**Closer VIEW**

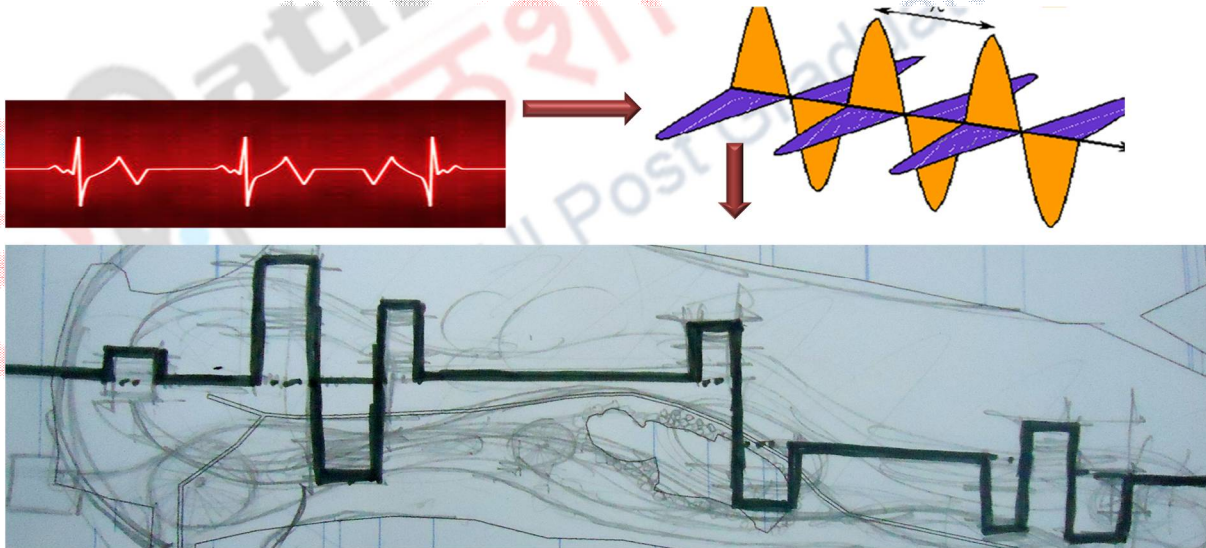


Site : 2 : Dubrayapet & Arikamedu beach

**Site photos**



**DESIGN CONCEPT:**  
THE DESIGN THEME AND CONCEPT IS HEART PULSE





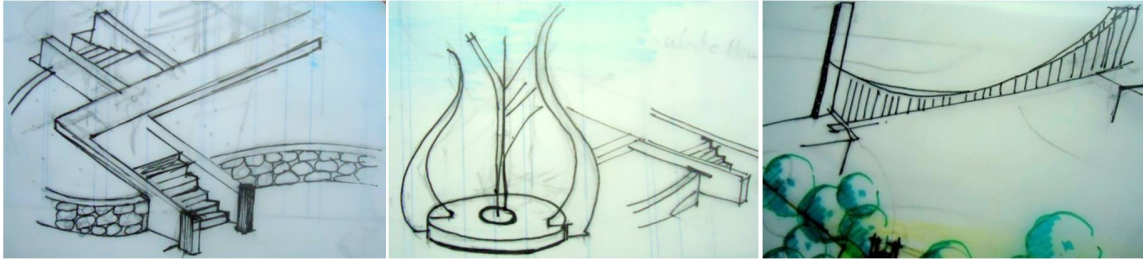
## DESIGN development

THE DESIGN THEME AND CONCEPT IS HEART PULSE



### THE PROPOSED ELEMENTS IN THE SITE ARE:

- LIFE GUARD
- CHANGING ROOMS
- RAIN SHELTER
- TOILET
- RAISED GARDEN
- VIEW POINTS
- HANGING BRIDGE
- WHITE HOUSE
- SCULPTURES
- RETAINING WALLS
- GABIAN WALL
- PATHWAY



**PLAN**



**PLAN**





## LANDSCAPE ELEMENTS

Children's Play Area



Children's Play Area



Children's Play Area



Sculptures



## SAND Sculptures



## Mural Walls



Mural Walls



Drinking water fountain



Dustbins





Seating



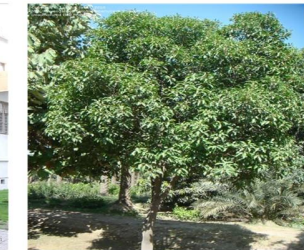
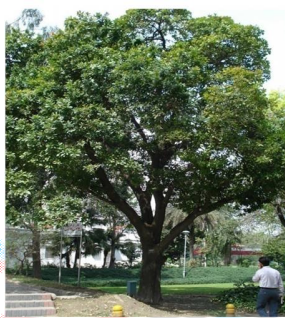
Elements



Light fixtures



Plant Palette Trees





Plant Palette  
shrubs



Plant Palette  
shrubs

