



# DRAVYAVATI RIVER PROJECT

*47.5 kilometres of cleanliness, beauty and joy.*

- River rejuvenation
- Watershed rehabilitation
- Sewage interception and treatment
- Urban Design and Heritage Conservation



BIRD PARK  
&  
HERITAGE  
WATERWORKS  
MUSEUM

SIKAR ROAD

**BEFORE**





MECHANISM OF AMANISHAH HEAD WORKS  
अमनशाह हेडवर्क्स का तंत्र

PHYSICAL STATUS OF THE HEAD WORKS IN 2015  
अमनशाह हेडवर्क्स की 2015 में शारीरिक स्थिति

AMANISHAH HEAD WORKS  
अमनशाह हेडवर्क्स

AMANISHAH HEAD WORKS & RAMGARH WATERWORKS  
अमनशाह हेडवर्क्स और रामगढ़ जल आपूर्ति

WATER MOTOR

MAIN STEAM  
PUMP

STEAM BOILAR  
ENGINE

WATER MOTOR

HERITAGE WATERWORKS MUSEUM

# WATERWORKS BEAM PUMPING ENGINE





PUMP  
HOUSE  
MUSEUM  
&  
CAFE

# PUMP HOUSE CAFE

BIRD PARK, SIKAR ROAD







# LANDSCAPE PARK

SHIPRA PATH, MANSAROVAR



# BEFORE DEVELOPMENT



# THE PARK FEATURES:

- 3 Viewing Decks
- Urban Haat
- Walkways
- Cycle Tracks



# OPEN AIR THEATER

With a capacity of 500 people



# BIRD EYE VIEW OF THE LANDSCAPE PARK, SHIPRA PATH



# BOTANICAL GARDEN BAMBALA, TONK ROAD



# BEFORE DEVELOPMENT

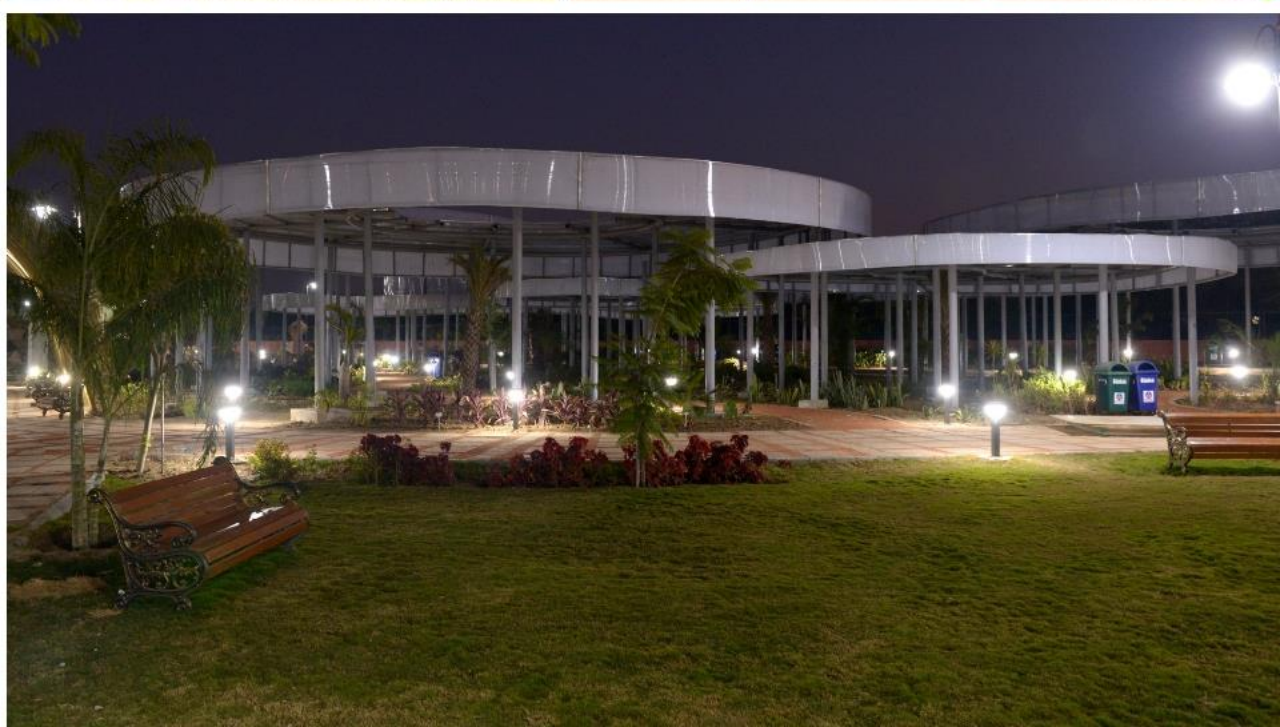


## **THE GARDEN FEATURES:**

- **More than 80,000 plants from over 1,200 different species**
- **Greenhouse containing exotic and rare species**
- **13 gardens with different themed plantation**
- **Food court with a capacity of more than 200 people**







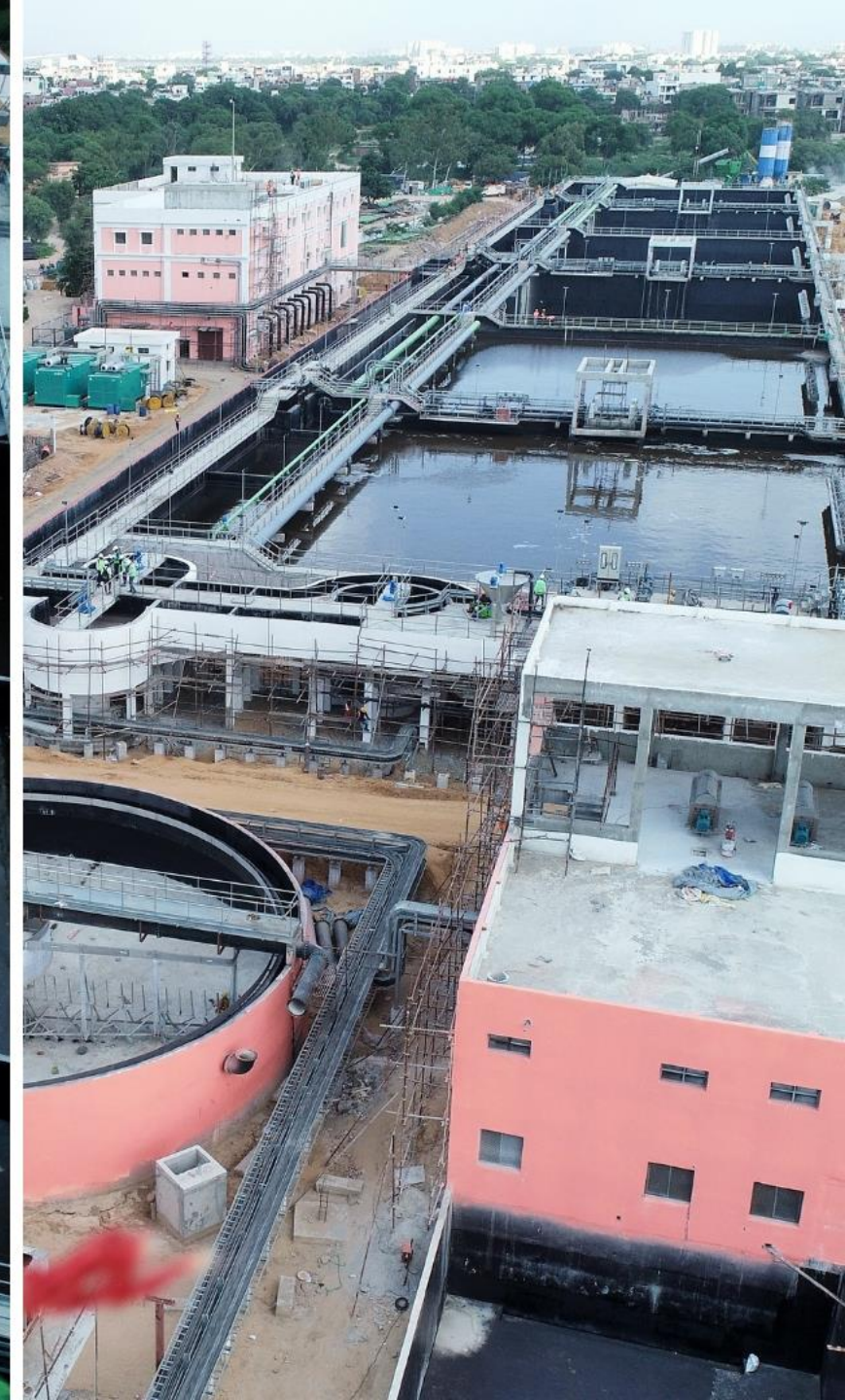
# ARIAL VIEW OF FOOD COURT



# 5 SEWAGE TREATMENT PLANTS

COLLECTIVELY TREATING 170 MLD SEWAGE PER DAY





# EXPERIENCE CENTRE

SHIPRA PATH, MANSAROVAR





# JAIPUR 3D WALL MODEL

*Replica of the Google city map with the river through it.*

The Experience Centre equipped with a 3D city model map, that helps the visitors take a close view at the 47 kms long Dravyavati River flowing through the city. . The 3D city model is created taking considerations from google map and building its replica on the wall adding the river path to it.



# 42 KMS. OF COLOUR CODED CYCLE TRACKS AND WALKWAYS







**MORE THAN 22,000 TREES PLANTED  
THROUGHOUT THE PROJECT**

# ENCROACHMENT HAS BEEN ONE OF THE MAJOR HURDLES



# POST CONSTRUCTION





# नगर निगम जयपुर

## WASTE TO ENERGY

SOME CALL IT WASTE, WE CALL IT ENERGY

### TIME FOR CHANGE

#### NAGAR NIGAM JAIPUR WASTE TO ENERGY CONVERSION PLANT

An initiative of Nagar Nigam Jaipur to convert Waste to Energy, PPP model

"JUIL is proud to be associated with Nagar Nigam Jaipur  
in implementing MSW Power Plant Project"

#### COST BENEFITS AT A GLANCE

ACTIVITIES	REVENUE STREAM
Land required for Power Plant	20 Acres free by NNJ
Duration of Project Commissioning	24 Months Terms
Power Plant Cost (Approx)	₹ 182.17 Cr.
Daily Garbage Supply	700 TPD@ ₹ 66.00/MT = ₹ 1.68 Cr./Year Benefit to NNJ
Solid Waste Management	700 MT@ ₹ 1670/MT = ₹ 42.67 Cr./Year Benefit to NNJ
NNJ <del>Cost</del> /Benefits	₹ 44.35 Cr./Year
Plant Capacity	12 MW@ ₹ 7.90/Kwh = 69.2 Cr. Revenue/Year for JINDAL
O&M and Other Expenses	(₹ -45 Cr.)/Year for JINDAL
JINDAL <del>Cost</del> /Benefits	₹ 24.2 Cr./Year

#### WIN WIN SITUATION OF PPP

BEFORE



AFTER



JINDAL URBAN WASTE MANAGEMENT (JAIPUR) LIMITED

An aerial photograph of a large dam structure with water flowing through it. The dam is flanked by concrete walls and a red-painted base. The surrounding area includes green fields, trees, and a cityscape in the background. A large white building with a sign is visible on the right side. The sky is overcast.

**THANK YOU**