A NAAC Accredited Institution

KINGS

COLLEGE OF ENGINEERING

Recognized under 2(f) & 12(B) of UGC

Approved by AICTE, New Delhi

Affiliated to Anna University, Chennai

TÜVRheinland CERT ISO 9001

7.1.4

Water Conservation Facility available in the Institution

1. Introduction

Kings College of Engineering, located in rural area, depends on ground water for all of its needs. Hence, efficient and judicious use of water management system is stringently adopted at the four corners of the campus.

Water conservation facilities available in the Institution :

1. Rain water harvesting
2. Bore-well recharge
3. Construction of tanks and bunds
4. Waste water recycling

1. Rain Water Harvesting

Rainwater harvesting is an important environment friendly approach. This green practice has the double benefits of keeping the groundwater level undisturbed and charging the water level.

Objectives

- To increase charging of groundwater by capturing and storing rainwater by rainwater harvesting from rooftop run-offs.
- To store the water for gardening & washing purpose.

Practice

In the Kings Campus, 23 rainwater harvesting systems have been installed in Block I, Block II, Block III and Block IV. The roof runoff water is collected through network of pipelines and stored in the bore wells. The remaining roof runoff water is allowed to infiltrate in the ground for recharge.

S. No.	Block	No of Rain water harvesting systems
1	Block I	05
2	Block II	02
3	Block III	03
4	Block IV	08
5	Library	02
6	Girls Hostel	03
	Total	**23**

Rain water harvesting systems in Block I

Rain water harvesting systems in Block II

Rain water harvesting systems in Block III


GPS Map Camera
Pudukkottai, TN, India
Gandarvakkottai, Pudukkottai, 613301,
Lat 10.646643, Long 79.049022
01/05/2022 11:34 AM


RAINWATER HARVESTING
GPS Map Camera
Pudukkottai, TN, India
Gandarvakkottai, Pudukkottai, 613301,
Lat 10.646643, Long 79.049022
01/05/2022 11:36 AM


RAINWATER HARVESTING
GPS Map Camera
Pudukkottai, TN, India
Gandarvakkottai, Pudukkottai, 613301,
Lat 10.646643, Long 79.049022
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RAINWATER HARVESTING
GPS Map Camera
Pudukkottai, TN, India
Gandarvakkottai, Pudukkottai, 613301,
Lat 10.646643, Long 79.049022
01/05/2022 11:38 AM

Rain water harvesting systems in Library Block

2. Bore-well recharge

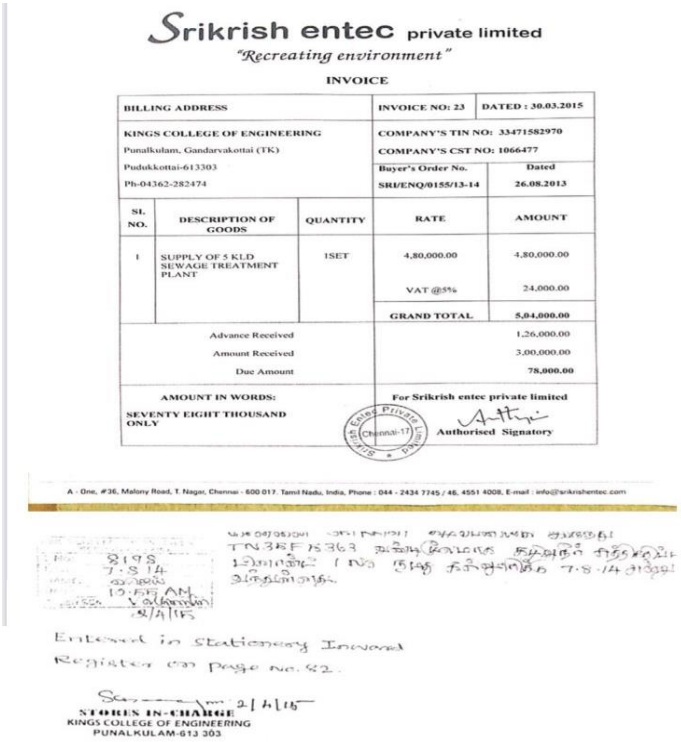
As part of water conservation, the water enrichment process is undergone through bore-well recharge facility at the campus. The Geo tagged photos pertaining to this method are given below.

3. Construction of tanks and bunds

4. Waste water recycling

In our institute, there are separate hostels that accommodate around 400 students. Almost 16,000 liters of water is demanded for these hostels for smooth functioning. The waste water produced from these hostels is recycled by a centrally constructed waste water treatment plant. Finally, the treated waste water is redirected to utilize for gardening purpose effectively as it is considered to reduce the use of fresh water drastically.

Copy of Puchased Bill



Srikrish entec private limited

"Recreating environment"

INVOICE

BILLING ADDRESS			INVOICE NO: 23	DATED : 30.03.2015
KINGS COLLEGE OF ENGINEERING Punalkulam, Gandarvakottai (TK) Pudukkottai-613303 Ph-04362-282474			COMPANY'S TIN NO: 33471582970 COMPANY'S CST NO: 1066477 Buyer's Order No. SRI/ENQ/0155/13-14	Dated 26.08.2013
SI. NO.	DESCRIPTION OF GOODS	QUANTITY	RATE	AMOUNT
1	SUPPLY OF 5 KLD SEWAGE TREATMENT PLANT	1SET	4,80,000.00 VAT @5%	4,80,000.00 24,000.00
			GRAND TOTAL	5,04,000.00
Advance Received				1,26,000.00
Amount Received				3,00,000.00
Due Amount				78,000.00
AMOUNT IN WORDS: SEVENTY EIGHT THOUSAND ONLY			For Srikrish entec private limited Authorised Signatory	

A - One, #36, Malony Road, T. Nagar, Chennai - 600 017. Tamil Nadu, India. Phone : 044 - 2434 7745 / 46, 4551 4008. E-mail : info@srikrishentec.com

Entered in Stationery Inward Register on Page no. 42.

STORES IN-CHARGE
KINGS COLLEGE OF ENGINEERING
PUNALKULAM-613 303

5/1/2022

Prepared by (Dr.P.Saravanan)

05/1/2022.

Principal