



Govt. Niranjan Kesharwani College, Kota Dist.-Bilaspur (C.G.)

NAAC accredited (Cycle-II) with CGPA 2.55 in September 2015

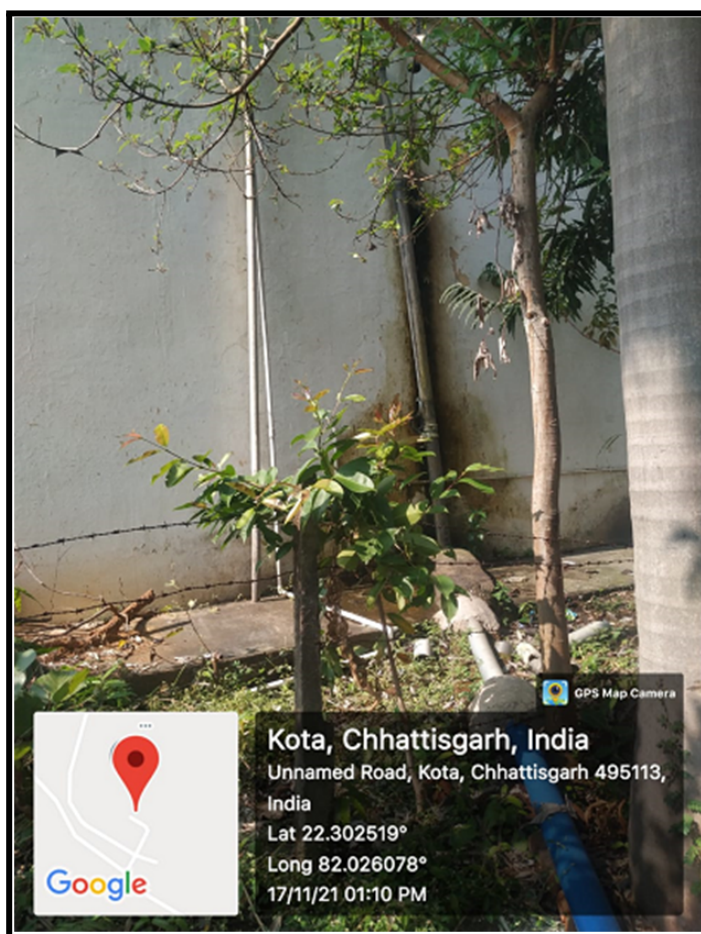
E-Mail ID. : gnkckota@gmail.com
Website : <https://gnkckota.ac.in>

Telephone No : 07753-253210
Special College Code : 2809
AISHE Code : C-22387

WATER CONSERVATION FACILITIES AVAILABLE IN THE INSTITUTION (7.1.4)

1. Waste Water Recycling: -

The stakeholders of the college building of Government Niranjan Kesharwani College, Kota reuse the grey water which is obtained from various domestic activities and reuse the same water for gardening and different food plants etc. Water recycling is done as per the direction of the competent authority on broad scale as and when required.



2. Rain Water Harvesting : -

The Rain Water Harvesting system in the college collects the rain water gathered from the rooftop of the building and then it is diverted into recharge pits. The rain water drain pipes from the rooftop are connected with each other and rain water is brought to the recharge pit.



- Photograph of Pipeline Network for Roof Run Water

RAIN WATER HARVESTING IN THE CAMPUS

Introduction: -

Rainwater Harvesting is an important environment friendly system. It is a green practice having the double benefit of keeping the ground water level undisturbed and changing the aquifer. The best part of practice of rain water harvesting, this water can be collected in natural ponds or Artificial Tank decanted to the ground thus changing the aquifer.

Preamble: -

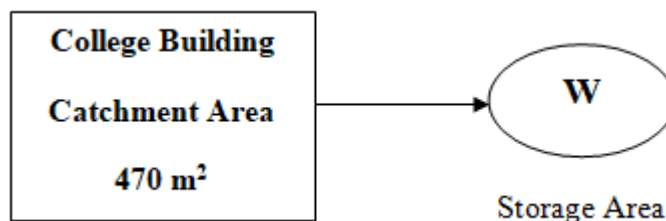
Due to the rapid increase in a day to day demand for water among a fast growing human population, there lies a great opportunity of harvesting Rainwater to meet the scarcity of water and avoid destruction of the normal ground water level. The boon of rain water harvesting is that the use of extra water can be sent down the aquifer to change the ground level.

Objective: -

- To increase recharge of ground water by capturing and storing rain water by rain water harvesting from roof top run off.
- To store the water for gardening and washing purposes.


WATER HARVESTING CAPACITY OF COLLEGE CAMPUS


Area m ²	Average Depth of Rainfall (m)	Volume of Runoff (m ³)	Total Quantity
470 m ²	0.3 (m)	141 m ³	141 m ³



EXPENDITURE ON CONSTRUCTION OF WATER HARVESTING SYSTEM

S.No.	Item	Quantity	Rate	Total Cost
01	P.C.C	5.40	1250 per cubic meter	6750.00
02	PVC Pipe	15.00 meter	80.00 per meter	1200.00
03	R.C.C.	15.00	440 per cu.m.	6600.00
04	Plaster	60.00	50 per cu.m.	3050.00
05	Labour Charge	Lump Sum	2800.00	2800.00


IQAC Coordinator
 Govt. Niranjana Kesharwani College
 Dist.-Bilaspur (C.G.)


PRINCIPAL
 Govt. Niranjana Kesharwani College
 Dist.-Bilaspur (C.G.)