

GURU NANAK COLLEGE

Jhajra, Dehradun

(Approved by AICTE, New Delhi, Affiliated to Sri Dev Suman Uttarakhand University)

Ref. No: GNC/PO.0077

Date: 09.12.2024

DECLARATION

Guru Nanak College, Jhajra, Dehradun proudly declares its commitment to environmental sustainability through the implementation of an advanced rainwater harvesting system across its campus. This initiative underscores our dedication to preserving groundwater resources and promoting eco-conscious practices.

To ensure sustainable groundwater availability and mitigate soil erosion, we have installed gravity-fed rainwater harvesting systems in the building. Rainwater is systematically collected from rooftops and directed through PVC pipes into underground soak pits, designed to recharge the groundwater table. These pits, filled with layers of gravel and sand, facilitate efficient water percolation, enhancing groundwater levels in the surrounding area.

Our infrastructure includes carefully constructed drain wells and chambers that channel water from all buildings toward lower-level external drains, optimizing collection and recharge efficiency. The volume of harvested water is determined by rooftop area and the number of pipes installed, ensuring maximum utilization.

We reaffirm our commitment to sustainable practices and environmental stewardship for the benefit of our campus and the community at large.

Principal
Guru Nanak College
Jhajra, Dehradun, Uttarakhand

CC to:
Office: for record.
Chairman: for information

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Rain Water Harvesting System