

Rajiv Gandhi National Ground Water Training and Research Institute, Raipur

Brochure for the NHP Training on

“RAIN WATER HARVESTING AND WATER CONSERVATION”

Under

National Hydrology Project (NHP)

1	Training name	Rain water Harvesting and Water Conservation
2	Period	24.02.2020 – 28.02.2020 (One Week)
3	Course Director	Shri. M. Sivakumar, Scientist-D (Mob: 94441 19106)
4	Target Group	Officers of Participating Departments in NHP
5	Objectives of the Training	On Completion of the Course, Officer Trainees shall be able to <ul style="list-style-type: none">➤ Realise the importance and scope of Rain Water Harvesting (RWH) in India.➤ Understand the factors controlling RWH.➤ Recognise different techniques of RWH➤ Estimate runoff components in RWH➤ Select best possible sites for RWH➤ Design RWH structures including Filters➤ Prepare DPR and do cost estimation for RWH➤ Maintain RWH structures post-construction➤ Apply water quality standards in RWH➤ Experience in the field as to how it happens
6	Broad Course Contents	<ul style="list-style-type: none">➤ Scope of RWH in India➤ Fundamentals of Hydrogeology➤ Factors controlling RWH➤ Estimation of runoff in different scenarios➤ Site selection for RWH➤ Rooftop RWH➤ Design of RWH structures including Filters➤ DPR preparation including economics of RWH➤ Quality Considerations in RWH➤ Field Visits of RWH projects