

## ANNUAL REPORT OF REMOTE SENSING GWD DIVISION, BHUBANESWAR FY'2016-17

Name of the Division	:	Remote Sensing G.W.D. Division, Bhubaneswar.
Established	:	Dt.21.10.1989
H.Q. Location	:	Bhubaneswar
Address	:	Qr. No. A/2, Unit-V, Bhubaneswar
Jurisdiction	:	Khurda, Nayagarh & Puri Districts.
Head of Office	:	Senior Geologist.
Total No. of Officers & staff	:	Technical (Gr. A) – 5 nos. Senior Geologist – 1 no. Geologist – 4 nos. Non-Technical (Gr. C & D, Work-charged) – 35 nos.
Activities	:	* Implementation of RRHS Scheme under state sector <ul style="list-style-type: none"><li>• Monitoring of Ground Water Level &amp; Water Sample collection for Chemical Analysis of 3(Three) Districts [Khurda, Nayagarh &amp; Puri].</li><li>• Ground Water Level Monitoring of Puri Town &amp; water sample collection for chemical analysis.</li><li>• Field survey &amp; Preparation of Hydrogeological Block Reports.</li><li>• Preparation of details Project Reports for artificial recharge structures in Micro watershed.</li><li>• Installation of new piezometers.</li><li>• Conducting VES sounding test on deposit basis.</li></ul>

### Achievement during FY'2016-17

#### A. *Implementation of State Sector Scheme "Rooftop Rainwater Harvesting and Ground Water Recharge in urban areas of Odisha".*

In order to overcome the situation of Ground Water table depression and ground water quality degradation, Govt. of Odisha in DoWR by launched a State Sector Scheme during FY'2014-15 in urban areas of Bhubaneswar, Berhampur, Titlagarh, Bolangir and Jharsuguda.

Main objective is to execute RRHS in large number by local residents in their houses to augment ground water recharge rate, water table depletion and ground water quality condition in urban areas. Under the scheme RRHS shall also be executed in Govt. Office building in above selected areas.

This Division under GWD Directorate has been entrusted to implement the scheme in the city of Bhubaneswar. One of the challenging tasks for implementing the scheme is to create awareness among city residents and help them realize the importance of Rooftop Rainwater Harvesting and Ground Water Recharge. This Division has taken all possible steps for creating public awareness in the city of Bhubaneswar.

Sl. No.	Name of Work	Target in nos.	Achievement in nos.	Allotment received in Rs.(lakhs)	Achievement in Rs.(lakhs)
1	RRHS in Govt. Building	5	5	13.80	13.80
2	RRHS subsidy for Private building	100	86	36.11	36.11
3	RRHS others	-	-	1.00	1.00

B. *Monitoring of Ground Water Level and collection of water sample for chemical analysis of 3(Three) districts.*

Sl. No.	Name of Work	Target in Monitoring ground water level	Achievement Monitoring ground water level	Allotment received in Rs.(lakhs)	Achievement in Rs.(lakhs)
1	Monitoring of ground water level & water sample collection for quality test in 3 districts of different blocks i.e. Khurda, Puri & Nayagarh and one urban (Puri Town).	4 Seasons	4 Seasons	1.32	1.32

C. *Hydrogeological Block Reports & DPR*

\* Hydrogeological Block Reports.

Sl. No.	Name of Blocks
1	Puri
2	Brahmagiri
3	Kanasa
4	Satyabadi

\* *DPR in Micro Watershed of Jatni Block.*

D. *New piezometers installed*

Sl. No.	No. of new piezometers
1	9

E. *Conducting V.E.S. test on deputation basis.*

Sl. No.	Location of the VES test	Nos.
1	IIT, Bhubaneswar, Campus at Argul.	80

F. *Financial & Physical achievement for the year'2016-17 is mentioned in separate sheets.*