

DIMAPUR GOVERNMENT COLLEGE

DIMAPUR, NAGALAND-797112

Naac Accredited Grade B+

PM USHA Monitoring Cell

Report On:

One-Day Workshop on **Rainwater Harvesting and Groundwater Recharging** organized by PM-USHA Monitoring Cell, Dimapur Govt. College (DGC) in collaboration with Immanuel College, Dimapur, under the theme “*Ensuring Sustainable Water Availability*”.

Date: 13th October, 2025

Time: 12:30 PM – 1:50 PM

Venue: Immanuel College, Dimapur

Resource Persons:

1. Shri. Sendongkaba, Asst. Geologist, Directorate of Geology & Mining, Dimapur, Nagaland
2. Shri. Henmoi L.L, Asst. Geologist, Directorate of Geology & Mining, Dimapur, Nagaland

Rapporteur: Dr. H. Atoholi Sema, Asst. Professor, Department of Chemistry, Dimapur Government College

Highlights of the workshop:

The one-day workshop on “**Rainwater Harvesting and Groundwater Recharging**” was organized by the PM-USHA Monitoring Cell, DGC, in collaboration with **Immanuel College** and funded by the **Ministry of Education, Government of India** under the **PM-USHA Scheme**. The theme for the workshop was “*Ensuring Sustainable Water Availability*”.

The program was chaired by Dr. Temsutola, Head of Department of Botany & Convenor, Eco-Club, Immanuel College. She welcomed the participants and highlighted the program proceedings. The workshop began by singing the National Anthem, after which Dr. Th. Sharatchandra Singh, Principal, Immanuel College delivered welcome address. In his speech, he warmly welcomed the resource persons, faculty members from DGC and faculty, staff and students of Immanuel College. He remarked that participants would be enriched from the workshop. This was followed by presentations jointly by two resource persons.

Firstly, Shri. Sendongkaba, Asst. Geologist, Directorate of Geology & Mining gave a brief introduction on availability of water on earth where salt water and permanent ice comprise 97% and 2.25% respectively and fresh water comprised only a small percentage of 0.75%. He mentioned that freshwater is used for agriculture, industrial and domestic purpose. He also remarked that water was crucial for future generation and shared insight on need to conserve water sustainably.

The second resource person Shri. Henmoi L.L, Asst. Geologist, Directorate of Geology & Mining gave a detailed explanation on various aspects such as cause and effects of depletion of ground water, water scarcity in India, ground water situation in Dimapur and initiatives carried out by the Directorate of Geology and Mining.

While citing the ground water in Dimapur valley, he explained on major uses of ground water, data on water levels of six areas in Dimapur and analysis results of various parameters of water samples for determining water quality.

He shared major concerns on groundwater issues in Dimapur valley such as less practice of recharging, unregulated use of ring wells and bore wells, irresponsible dumping of waste, contamination by fertilizers, lack of reclamation of water bodies and limited awareness amongst the local population. He spoke on the need to follow proper method for installation of ring wells while displaying video clippings and pictorial facts.

He further highlighted on different initiatives carried out by the Directorate of Geology and mining towards conservation and research on ground water in the state. He displayed interesting pictorial evidences on use of technological tools and machineries for construction and development of tube wells under exploratory and deposit work. He made a special mention of the Nagaland Groundwater (Regulation and Control of Development and Management) Act, 2020 wherein grants are permitted to extract and use ground water for industrial and commercial purpose and mentioned that registration of drilling agencies was covered under the Act.

He explained on importance of rainwater harvesting through use of rooftop rainwater harvesting and different artificial recharge structures. He highlighted the process to construct low-cost iron removal plant and ways to enhance natural recharge. At the end of his presentation, he quoted the slogan of National Water Mission **‘Catch the rain where it falls, when it falls’** to emphasize on the need to conserve available water for present and future generation.

Finally, Dr. Vinyühu Lhoungu, Associate Professor, Department of Economics and Member, PM-USHA Monitoring Cell, DGC delivered the vote of thanks. In his speech, he thanked the resource persons for their interesting presentations, the Principal of Immanuel College for hosting the workshop and participants for their enthusiastic participation. He shared his experiences on process of formulation to acquiring funds under the PM-USHA scheme funded by the Ministry of Education, Government of India. He highlighted on several workshops conducted by PM-USHA Monitoring Cell, DGC under the scheme so as to educate the masses and ensure sustainable water availability for future generation.

Dr. Temsutola, chairperson of the session thanked audience for their active participation and concluded the workshop.

Indeed, it was a successful workshop with a huge turnout. A total of 525 participants comprising of two (2) resource persons, 38 faculty and 1 staff and 484 undergraduate students (odd semesters) from both Arts and Science streams attended the workshop.

Program and pictorial clippings of the workshops are given below:



IMMANUEL COLLEGE
DIMAPUR: NAGALAND
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In Collaboration with Dimapur Government College (DGC)
PM-USHA Monitoring Cell DGC Initiative

**ONE-DAY WORKSHOP
ON
RAINWATER HARVESTING & GROUNDWATER RECHARGING**

Organized by PM-USHA Monitoring Cell, DGC,
funded by Ministry of Education under PM-USHA, Govt. of India.

THEME: " ENSURING SUSTAINABLE WATER AVAILABILITY"

Date: 13th Oct 2025 **Time: 12:30 pm** **Venue: Immanuel College Auditorium**

RESOURCE PERSON:
SHRI. SENDONGKABA
*Asst. Geologist, Directorate of Geology & Mining
Nagaland, Dimapur*

Chairperson	: Dr. Temsutola <i>Head of Department of Botany Convenor, Eco-Club, Immanuel College</i>
National Anthem	:
Welcome Address	: Dr. Th. Sharatchandra Singh <i>Principal, Immanuel College, Dimapur</i>
Theme Speaker	: Resource Person

INTERACTION

Vote of thanks	: Dr. Vinyühu Lhoungu <i>Associate Professor, Department of Economics Member, PM-USHA Monitoring Cell, DGC</i>
Rapporteur	: Dr. H. Atoholi Sema <i>Assistant Professor, Department of Chemistry, DGC</i>

Refreshment

PM-USHA Monitoring Cell, DGC

Picture 1. The Program



Picture 2. Chairperson: Dr. Temsutola, Head of Department of Botany & Convenor, Eco-Club, Immanuel College, Dimapur



Picture 3. Dr. Th. Sharatchandra Singh, Principal, Immanuel College, Dimapur



Picture 4. Resource person 1: Shri. Sendongkaba, Assistant Geologist, Directorate of Geology & Mining



Picture 5. Resource person 2: Shri. Henmoi L.L, Assistant Geologist, Directorate of Geology & Mining



Picture 6. Dr. Vinyühu Lhoungu, Associate Professor, Department of Economics & Member, PM-USHA Monitoring Cell, DGC



Picture 7. Rapporteur: Dr. H. Atoholi Sema, Assistant Professor, Department of Chemistry, DGC



Picture 8. Section of the participants



Picture 9. Resource persons with Principal, Immanuel College and faculty of DGC and Immanuel College



Picture 10. News clipping in Nagaland Post (Local Daily) on 15th October, 2025

Recorded by,

(Signature)

(Dr. H. Athoholi Sema)
Assistant Professor
Department of Chemistry, DGC

