



**Visakhonuo Kuotsu**  
**PH210103**  
**Batch – 2021-2025**

PhD Research Topic	: Assessment of Water Availability for Sustainable Agricultural Production Under Climate Change Scenario in Nagaland
PhD topic overview	: The research evaluates water resource conditions in two districts of Nagaland—Kohima (hilly) and Dimapur (valley). It develops an Agricultural Water Availability Index (AWAI) incorporating rainfall, groundwater, soil moisture, and runoff data, while also analyzing climate change impacts and proposing adaptation and mechanization strategies to manage future water scarcity in the region
Supervisor Name	: Dr.Pramod Chandra Dihingia and Prof. Khan Chand
PG Institute/ University	: North Eastern Regional Institute of Science & Technology (NERIST), Nirjuli, Arunachal Pradesh (2021)
PG (M.Tech) Research Topic	: Time Series Analysis of Groundwater Levels and Projection of Future Trend Over Assam
List of Research Paper Publications	: 1
List on National/International Conferences Attended	<ol style="list-style-type: none"><li>1) 7th International Conference on Global Approaches in Agricultural Biological, Environment, and Life Sciences for Sustainable Future (GABELS-2024) organized by D.A.V College, Nepal, during 8th October 2024. "An assessment of groundwater quality index in Kohima and Dimapur districts, Nagaland, India".</li><li>2) International Seminar on "Climate Change: Impact and Resilience" organized by the Department of Zoology, Assam Don Bosco University, Tapesia Campus, Sonapur, Assam from 27-28th February 2023. "Traditional agricultural tools used by Tagin community in upper Subansiri, Arunachal Pradesh, India".</li><li>3) National Conference on "National Resource Conservation and Management for Agricultural and Environmental Sustainability" during 9th December, 2022. "Analysis of annual rainfall and temperature trend by using the Mann-Kendall Test of Kohima Station, Nagaland, India".</li></ol>
UG Institute/ University	: School of Engineering and Technology, Nagaland University (2019)