



**Imyanglula
PH210102
Batch - 2021**

PhD Research Topic

: Hydrological Modelling of Hilly Watershed for Planning and Management Through Geographic Information System in Nagaland

PhD topic overview

: The research integrates the SWAT model with ArcGIS to analyze the morphological characteristics of hilly watersheds, simulate rainfall-runoff processes, and conduct sensitivity analysis of model calibration parameters. The findings aim to support effective prioritization, planning, and sustainable management of watersheds in Nagaland.

Supervisor Name

: Dr. Chitrasen Lairenjam

PG Institute/ University

: Assam University, Silchar (2020)

PG (M.Tech) Research Topic

Effect of Aquarium Effluent on Soil Water and Nutrient Regime for Growing of Marigold Flower

List on National/International
Conferences Attended

- 1) 6th International Conference on Strategies and Challenges in Agricultural and Life Science of Food Security and Sustainable Environment held at Himachal Pradesh University Summer Hill, Shimla, HP, India during April, 28-30, 2023. "Study of Morphometric parameters for Planning and Management of Dzuza watershed, Nagaland, India."
- 2) 7th International Conference on Global Approaches in Agricultural Biological, Environment and Life Sciences for Sustainable Future held at Buddha Hall, DAV College Kathmandu Nepal during June 08-10, 2024. "Quantitative Morphometric Analysis of Khova River Basin in Nagaland, India"

UG Institute/ University

: School of Engineering and Technology, Nagaland University (2018)