



Name: Nisha Chettri

Designation: Assistant Professor

Qualification:

- M.Sc (Geology), Gauhati University
- M.Tech (Geo-Exploration), Indian institute of Technology Bombay (IITB)
- Qualified National Eligibility Test (NET) for Lecturer, Council of Scientific and Industrial Research, India, 2017

M.Tech.

Title of Dissertation: Paleo- Brahmaputra drainage migration: Inferences from Pliocene deposits of Siwalik-Assam Arakan Basin and AFT thermochronology of Shillong Plateau

Institution: Indian institute of Technology Bombay (IITB) Department of Earth Sciences

M.Sc.

Title of Dissertation: Drainage Basin Morphometry in Parts of South Shillong Plateau, Meghalaya : Implications for Lithotectonic Control and Landscape development

University: Gauhati University

Paper Publication:

- A comparative heavy mineral study of the Cenozoic Sediments of Assam and Siwalik foreland Basins, Northeast Himalaya. Journal Geological Society of India. Volume 96, November 2020, pp 475-484
- Drainage Basin Morphometry Analysis in parts of South Shillong Plateau, Meghalaya: Implications for Landscape Development. Spectrum: Sc.& Tech., Volume: 8, 2021: Pp 33-62. 2021

Conferences and Seminar attended:

- Workshop on “Waste Management rules with special focus on Bio-Medical Waste Management & environmental Issues in Meghalaya” organised by the DBT sponsored

Institutional Biotech Hub, St. Anthony's College, Shillong and the Central Pollution Control Board, Regional Directorate, Shillong From the 11th- 13th September, 2019

- National Seminar on “Earthquake Hazards: Perception, Mitigation and Management” Sponsored by Ministry of Earth Sciences, Government of India at North- Eastern Hill University, Shillong from February 6th to 8th 2020 as Participant.
- Online Faculty Enrichment webinar organised by St. Anthony's College, Shillong on 17th June 2020
- Online Faculty Enrichment live webinar on addressing core issues in teaching organised by St. Anthony's College, Shillong on 30th June 2020
- Online International webinar on different cloud platforms. Organised by St. Alphonsa College of Arts and Science, Tamil Nadu in collaboration with St. Anthony's college Shillong on 4th July'20
- Online three days National Training Program on Earthquake risk Mitigation National Institute of Disaster Management and North-Eastern Hill University, Shillong on 8th- 10th July 2020
- International web conference on Recent advances in Science (IWCRAS 2020) Don Bosco College Sampalgre-Tura 30th -31st July'20
- Grassroots Governance and contribution of Traditional Institutions in the Management of Covid-19 in Meghalaya St. Anthony's College in collaboration with IQAC St. Anthony's College 18th July'20
- Online Public lecture on “Tectonic Evolution of Aravallis Lecture” on 31st July 2020. Organised by Department of Geology K J Somaiya College of Science and Commerce, Mumbai, Maharashtra.
- Four days national workshop on “Educational Video making using smart phones” organised by the department of mass media, St. Anthony's College, Shillong from 11th to 14th August 2020
- Five-day online faculty development programme on Online pedagogical tools and techniques and blended learning from 8th – 12th September 2020. Organised by Internal quality Assurance Cell (IQAC), St. Anthony's College, Shillong
- Participation in the international geosciences colloquium session 1 new proxies of climate changes of the past and present during 10th and 11th November 2020 organised by Christ College autonomous irinjalakuda Kerala India university of Kerala India university of Exeter UK university of Zululand South Africa and supported by ministry of earth sciences government of India.
- Participation in the international geosciences colloquium session 2 geo-hazards mitigation and management during 12th and 13th November 2020. Organised by

Christ College autonomous irinjalakuda Kerala India university of Kerala India university of Exeter UK university of Zululand South Africa and supported by ministry of earth sciences government of India.

- Participation in webinar on remote sensing and GIS concepts application and prospects organised by the department of environmental science in collaboration with the internal quality assurance cell IQAC St. Edmunds College, Shillong on the 17th of December 2020.
- Participating at the National Webinar on National Education Policy 2020 and Its Implication on Higher Education organized by IQAC and the Department of Value Education, St. Anthony's College, Shillong on 07 April 2021.
- Participation in the online training programme on "Earthquake Risk Preparedness in North East India " on 12 Jun 2021 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with North Eastern Hill University Shillong
- Participation in two days webinar on resilience during pandemic, A national workshop towards new- beginning and well being. On 16th and 17th July 2021. Organised by All India Association for Christian Higher Education (AIACHE)
- Participation in the International Virtual Workshop on Global Seismology and Tectonics (IVWGST2021), during 20 to 30 September 2021, organized by CSIR North East Institute of Science and Technology, Jorhat under the aegis of Diamond jubilee year of the institute
- Participated in the Public Interaction Programme on “Know your Aquifer, Aquifer Maps, Ground water issues & Management Plans” as part of the Celebration of Azadi Ka Amrit Mahotsav @ 75 Years (India) organized by Central Ground Water Board, Ministry of Jal Shakti, Department of Water Resources, River Development and Ganga Rejuvenation, Government of India, held online on 2nd October 2021.
- Participated in an International virtual workshop on “Recent Development in Earth Sciences” held Online from 1st to 8th November 2021. Organised by Arya Vidyapeeth College.
- Participation in 5 days Faculty development programme on “Bloom Taxonomy and Outcome Based Education(OBE)” Online 18th to 22nd July 2023 Organized by IQAC, St. Anthony’s College Shillong
- Oneness Seminar on Geology and Human Health in offline mode at SNGCC Centre, Shillong on 5th August 2023. Organized by Sree Narayana Guru Cultural Centre (SNGCC), Shillong.
- Participated in the 1st Malaviya Mission Teacher Training Programme (MM-TTP) held online from 9th to 18th October, 2023. Organized by UGC-HRDC NEHU.

Training programs and Orientations completed

- Seven days online **faculty development programme** on Quality Science Education in India in the 21st Century organised by guru Angad Dev teaching learning centre, SGTB Khalsa College, university of Delhi under the pandit Madan Mohan Malaviya national mission on teachers and teaching of ministry of education and Christ College (autonomous) Irinjalakuda Kerala.
- Successful completion of one month faculty **induction program** organised by Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching. Successfully completed a 4-Week Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from December 10, 2020 - Jan 08, 2021 and obtained grade A+.
- Successfully completed the **e-Training** on “Basic Course on PGRS using ArcGIS for pre-field studies” conducted by RTD, NER, GSI Training Institute, Shillong from 04.06.2021 to 10.06.2021. Geological Survey of India training Institute, Hyderabad.
- Successfully completed the **e-Training** on “Fundamentals of Palaeontology” from 21.09.2021 to 23.09.2021 conducted by FTC-Kuju, GSITI
- Successfully completed Online Interdisciplinary **Refresher Course** in Global Warming and Sustainable Development Sponsored by UGC. Held by Allahabad University from the period 1st November 2022 to 15th November 2022.

Programs organised:

- Co-ordinated and organised the online training programme on "Use of Science and Technology in Early Warning Disasters" on 20 May 2021 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with St. Anthony's College and North Eastern Space Applications centre.