

## **FACULTY PROFILE**

**Name** : Bawan Pyntngenglang Thangkhiew

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**Mobile no** : 8794582274

**Joined on** : 07-03-2011

**Educational Qualification** : MSc Electronic Science, NET

**Teaching Experience** : 10 years

**Research Interest** : Nanoelectronic devices, Metal Oxide Semiconductors.

**Professional Training** :

- Refresher course in Physics held between 5 June - 25 June 2013 organised by academic staff college NEHU.
- FDP organised by AICHE from 2013
- Participated in the 39<sup>th</sup> Orientation Programme held between 20<sup>th</sup> February 2017 - 19<sup>th</sup> March 2017 organised by academic staff college NEHU.
- Participated on a training on “Conflict Resolution and Peace Building for NSS Programme Officers jointly organized by Rajiv Gandhi National Institute of Youth Development (RGNIYD) and NSS Cell NEHU” from 5<sup>th</sup> to 7<sup>th</sup> August 2019
- Attended a workshop on “Challenges and opportunities in NSS” on 27<sup>th</sup> & 28<sup>th</sup> February 2020 organised by NSS cell NEHU, Shillong in collaboration with State NSS Cell, Government of Meghalaya along with Regional Directorate of NSS, Guwahati, Government of India, Ministry of Youth Affairs & Sports.
- Participated in a one week online national workshop on “Use of ICT tools for smart teaching” held during 27<sup>th</sup> July to 2<sup>nd</sup> August 2020 by Arya Vidhyapeeth college in collaboration with national power training institute, Guwahati, Assam, India.
- Participated in a one week online international FDP on “Tools for technical writing & Research Data analysis” held during 1<sup>st</sup> September to 5<sup>th</sup> September 2020 by NERIM group of institutions, Guwahati, Assam, India.
- Successfully completed a 4 week online NPTEL-AICTE certified FDP on "Structural analysis of nanomaterials" held between Sept-Oct 2020, by IIT Roorkee.

- Successfully completed a 4 week online NPTEL certified FDP on "Fundamentals of Electronic Devices fabrication" held between Sept-Oct 2020, by IIT Madras.
- Participated in a one week online national workshop on "E content development" held during 7<sup>th</sup> June to 12<sup>th</sup> June 2021 by St Ann's College kokrajhar, Assam, India.
- Participated in a 7 day online faculty development programme on "Pedagogy and learning : Mapping new approaches" held during 3<sup>rd</sup> January to 9<sup>th</sup> January 2022 by Jyoti Nivas College Autonomous, Bangalore, India.
- Successfully completed a one week training on "Applications of sophisticated instruments in Biology, Chemistry and material science" conducted by the Department of Chemistry and SAIF, NEHU in association with Amity university, sponsored by DST, Govt of India between 28<sup>th</sup> June 2022 and 4<sup>th</sup> July 2022.

**Member of Academic Bodies**

: Member of BOS for BSc Electronics, NEHU

**Research Guidance**

: BSc 6<sup>th</sup> Semester project

- Design of a 555 based temperature measurement system.
- Design of a narrowband pass filter for signaling in plants.
- Study of Semiconductors devices (MOSFET) and its applications.
- Design of an arduino based wind monitoring system.

**Additional Responsibilities since 2018 (in St Edmund's College):**

- Programme Officer for NSS, SEC since 2017.
- Member of Management event Committee since 2015.
- Co opt Member of Science club and sports and curricular committee.
- Coordinator for Departmental webinars/workshops/outreach activities etc.
- Member of IQAC small group from 2022.