

Dr. LAISHRAM THOIBILEIMA CHANU

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Kongpal Khaidem Leikai, Imphal East, P.O-Porompat-795005, MANIPUR, INDIA

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SKILLS

- Experience on fabrication of nanodevices
- Experience on working with vacuum chamber
- Experience on handling sophisticated analysis measurement

Publications

- Published paper at Applied Physics A Materials Science & Processing on "Enhanced performance of annealed NiO thin film for UV photodetection ", vol. 129, No. 9, Aug 2023.
- Published paper at Applied Nanoscience on "Effect on surface wettability of GLAD synthesized annealed NiO nanowire ", pp 1-9, May 2023
- Published paper at Journal of luminescence on "Enhanced structural and photoluminescence properties on GLAD synthesized annealed vertically aligned NiO nanowires ", vol 257, May 2023
- Published conference proceeding on "Effect on Structural and Optical Properties of NiO Thin Film on Ag Incorporation " In International Conference on Science, Technology and Engineering pp. 61-68 Springer Nature Singapore, Feb 2023
- Published paper at Applied Physics A Materials Science & Processing on "Fast response photodetector analysis based on NiO nanowire using a catalyst-free technique ", vol 127, No. 11, Oct 2022
- Published paper at IEEE Photonics Technology letter on "High Responsivity of GLAD Synthesized Isotype WO₃/In₂O₃ Nanocluster", vol. 33.No. 17, July 2021
- Published paper at STM Journals on "Effect of Aluminium Nitride layer on electrical performance of Microelectronics HEMTs ", vol. 3, 2017.

Co-Curricular

- Participated INUP - i2i Hands-on Training on Nanofabrication & Characterization Techniques, held at CeNSE, IISc, Bangalore during January 16 - 25, 2024.
- Participated 1ST International Conference on SCI/TECH and engineering, ICSTE-23, February 2023 on "Effect on Structural and Optical Properties of NiO Thin Film on Ag Incorporation".
- Participated 30th National Conference on Condensed Matter Physics (CMDAYS-22), December 2022 on "Enhancing effect of annealed NiO Thin Film based on Photodetector analysis".
- Participated training program on "Applications of Sophisticated Instruments in Chemistry, Biology & Material Sciences", conducted by Department of Chemistry & SAIF NEHU, Shillong sponsored by DST, Government of India.
- Done Master project on "Simulation studies on effect of GaN thickness of AlGaIn/GaN HEMTs on different substrates" in Master.
- Done Degree project on "Offline Character recognition of handwritten MEETEI-MAYEK Alphabets using Neural network" in Degree.
- Completed Industrial Training at "WIRELESS, MANIPUR" and AIRPORT AUTHORITY OF INDIA, Imphal.
- Industrial training on "Automation and process control" at CTTC, Bhubaneswar

Declarations

I hereby declare that the above information is true to the best of my knowledge.

Place: IMPHAL


LAISHRAM THOIBILEIMA CHANU

Research Areas:

Metal Oxide Semiconductor Growth for UV Photodetectors, Optoelectronics Device Fabrication of Thin Films & 1D nanostructures, Analysis of Nanodevices based on Self-cleaning Applications

Personal Details:

Name: LAISHRAM THOIBILEIMA CHANU
Father's name: LAISHRAM IBOHANI SINGH
Mothers name: LAISHRAM MEMA DEVI
Gender: Female
Marital Status: Single
Languages known: English, Hindi and Manipuri

Work experience:

- Assistant Professor at NIT Karnataka (Present)
- Assistant Professor (Temporary) at NIT SRINAGAR- March-Dec 2024
- Guest Lecturer at NERIST ARUNACHAL PRADESH- Oct 2023- Mar 2024
- Teaching Assistant at NIT NAGALAND- Jan 2019- Dec 2021
- Guest Lecturer at NITARUNACHALPRAD ESH- Jul-Dec 2017

Education:

- Ph. D from NIT Nagaland- on thesis title "Studies on Vertically Aligned NiO Nanowire and its Applications"
- Master of Technology from NIT Arunachal Pradesh
- Bachelor of Engineering from MIT Takyelpat Imphal