



Dr. LORENBENI KIKON

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📍 Meriema, Kohima,
Nagaland, 797120

PERSONAL PROFILE

- Gender: Female
- DOB: 16-06-1995
- Category: ST

EDUCATION

- **B.Tech.: Biotechnology**
Percentage: 67%
Passed: 2017
University: School of Engineering
and Technology,
Nagaland University
- **M.Tech. : Animal Biochemistry**
Percentage: 70.5%
Passed: 2019
University: ICAR NDRI,
Karnal, Haryana
- **Ph.D. : Biotechnology**
Awarded: 2024
University: St. Joseph University,
Chumoukedima

AWARDS/HONORS

- JEE (MAIN)- 2013
- ICAR- AIEEA PG-2017
- AICE-JRF/SRF(PhD)-2022



SPECIALIZATION/AREA OF INTEREST

Nanobiotechnology, Microbiology



WORK EXPERIENCE

Research Expertise and Academic Projects

- **Ph.D:** Executed an advanced research project on biogenic synthesis and characterization of silver nanoparticles using medicinal plant extract and its pharmacological activity
- **M.Tech:** Developed a gold nanodot-based analytical method for the sensitive detection of Mercury (II) in milk, demonstrating strong skills in nanotechnology and food safety analysis
- **B.Tech:** Conducted a comprehensive study on the antimicrobial and anti-aging potential of *Rhus javanica*

Teaching Experience

- Assistant Professor, Department of Biotechnology, St. Joseph University, Chumoukedima (2024 to 2025)



RESEARCH PUBLICATIONS

- L. Kikon, N. C. Sumedha*, K. Rajaganesh, J. K. Chamuah, V Rupreo, M. Baranitharan and J. Gokulakrishnan "Green synthesis of silver nanoparticles from *P. speciosa* seeds and pods extract: Characterization and antioxidant properties for biomedical and nanotechnological applications" *Biochemical and Cellular Archives*, 2024, Volume: 24, Issue No: 1, Page No: 405
- L. Kikon, N. C. Sumedha*, K. Rajaganesh, J. K. Chamuah, V Rupreo, M. Baranitharan and J. Gokulakrishnan "Green synthesis and characterization of silver nanoparticles using aqueous extract of *H. cordata*" *Biochemical and Cellular Archives*, 2024, Volume: 24, Issue No: 1, Page No: 361
- L. Kikon, N C Sumedha* and K. Rajaganesh "Ginger (*Z. officinale*) rhizome extract-mediated green synthesis of silver nanoparticles and its characterization" *World Journal of Pharmaceutical and Medical Research*, 2024, Vol 10, Issue 6, 262-267

I hereby declare that all the information that I have provided is authentic to the best of my knowledge