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Staff Profile

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|-----------------------------|---------------------------------|
| 1. NAME: | Dr. Deikrisha Lyngdoh Lyngkhohi |
| 2. CONTACT DETAILS (EMAIL): | deikrishalyngdoh96@gmail.com |
| 3. DEPARTMENT: | Chemistry |
| 4. QUALIFICATION: | M.Sc., Ph.D. |
| 5. CURRENT POSITION: | Assistant Junior Professor |
| 6. SPECIALIZATION: | Inorganic Chemistry |
| 7. TEACHING EXPERIENCE: | 5 Months |
| 8. RESEARCH EXPERIENCE: | 5 Years |
| 9. UGC VIDWAN ID NO: | 725694 |
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| 12. AWARDS AND ACHIEVEMENT: | |



- Best Poster Award in International Conference on Advances in Chemical Sciences (ACS-II), NEHU Shillong, September, 2025.
- Best Poster Award in National Conference on Recent Trends in Applied Sciences: A Special Focus on Nano-science & Nano-materials (RTAS-2024), NEHU Shillong, March, 2024.
- Best Poster Award in National Conference on Sustainability and Interdisciplinarity in Chemical Sciences (SICS-2023), IISER Kolkata, July, 2023.

13. PUBLICATIONS:

Year	Journals
2026	Deikrisha Lyngdoh Lyngkhohi , Khanindram Baruah, Sumit Kumar Patra, Snehadrinarayan Khatua, A Seven-membered Heterocycle Containing Coumarin-Based Probe for Selective Detection of Chemical Warfare Agent Phosgene in Solution and Gas Phase, <i>New Journal of Chemistry</i> , 50, 8498-8509, ISSN 1144-0546, https://doi.org/10.1039/d6nj00818f
2025	Deikrisha Lyngdoh Lyngkhohi , Snehadrinarayan Khatua, A Seven-membered Heterocycle Containing Coumarin Derivative with Aggregation Induced Emission Property, <i>Prayogik Rasayan</i> , 9, 07-14, ISSN 2581-3323, https://doi.org/10.53023/p.rasayan-20250227
2024	Deikrisha Lyngdoh Lyngkhohi , Snehadrinarayan Khatua, A Coumarin Containing Hemicyanine-based Probe for Dual Channel Detection of Cyanide Ion, <i>Inorganica Chimica Acta</i> , 572, 122300, ISSN 0020-1693, https://doi.org/10.1016/j.ica.2024.122300
2024	Snehadrinarayan Khatua, Sumit Kumar Patra, Monosh Rabha, Deikrisha Lyngdoh Lyngkhohi , Jogat Gogoi, Bhaskar



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- Sen, A Dual State Emission Luminogen based on 1,3,3-trimethylindoline and chroman-2,4-dione Conjugate for Highly Selective Dual Channel Detection of Cyanide Ion, *Sensors & Diagnostics*, 3, 1689-1698, ISSN 2635-0998, <https://doi.org/10.1039/d4sd00155a>
- 2024 Monosh Rabha, **Deikrisha Lyngdoh Lyngkhai**, Sumit Kumar Patra, Snehadrinarayan Khatua, AIE-active cyclometalated iridium(III) complexes for the highly efficient picric acid detection in aqueous media, *Inorganic Chemistry Frontiers*, 11, 1434-1449, ISSN 2052-1545, <https://doi.org/10.1039/d3qi02291a>
- 2023 Naveen Kumar, **Deikrisha Lyngdoh Lyngkhai**, Sudhakar Gaikwad, Jayanta Samanta, Rafiq Ahamed, Snehadrinarayan Khatua, Susnata Pramanik, Excitation wavelength-dependent multi-coloured and white-light emissive pyrene-based hydrazones: suppression of Kasha's rule, *Chemical Communication*, 59, 14122-14125, ISSN 1359-7345, <https://doi.org/10.1039/d3cc04584f>
- 2023 Naveen Kumar, **Deikrisha Lyngdoh Lyngkhai**, Sudhakar Gaikwad, Jayanta Samanta, Snehadrinarayan Khatua, Susnata Pramanik, Effect of substituents on the Aggregation-Induced Emission of 9,10-Phenanthraquinone-Hydrazones, *New Journal of Chemistry*, 47, 15066-15075, ISSN 1144-0546, <https://doi.org/10.1039/d3nj02198j>

14. POSTER PRESENTATION:

Sl. No.	Name of the Conference	Name of the Paper Presented	National/International	Mode of Presentation	Organized by	Dates
1.	International Conference on Advances in Chemical Sciences (ACS-II)	Cyclometalated Iridium(III) Complex of Pyridine 1,2,3-triazole-based Ligand for the Detection of Hydrogen Sulfide	International	Poster	Department of Chemistry, NEHU, Shillong.	24 th -26 th September, 2025
2.	National Conference on Advance in Chemical Science-1 (ACS-I)	Effect of Ligand Substituent on the Luminescence Color of Organoiridium(III) Complexes	National	Poster	Department of Chemistry, NEHU, Shillong.	10 th -11 th March, 2025
3.	Recent Trends in Applied Sciences: A Special Focus on Nano-science & Nano-materials (RTAS-2024)	Effect of Substituents on the AIE-active property of Cyclometalated Iridium(III) complexes for Luminescence Color Switching	National	Poster	Department of Basic Sciences and Social Sciences, NEHU, Shillong.	22 nd - 23 rd March, 2024
4.	Sustainability and Interdisciplinarity in Chemical Sciences (SICS-2023)	Effect of Substituents in Dual State Emission Property of Coumarin-Indolinium Conjugates and its Application in Selective Detection of Cyanide ion	National	Poster	Department of Chemical Sciences, IISER Kolkata.	13 th - 15 th July, 2023
5.	International Symposium on Emerging Trends in Chemical Sciences, (ETCS-2023)	A Coumarin-Indolinium Conjugate for Dual Channel Detection of Cyanide Ion	International	Poster	Department of Chemistry, NEHU, Shillong.	2 nd - 4 th March, 2023