

Faculty Profile

1. **Name:** Mr. Nongthombam Dhyanchand
2. **Department:** Mathematics
3. **Area of Interest:** Topology
4. **Telephone No.:**
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6. **Academic Qualification:**

Degree	Subject	Year	College / Department	University
BSc	Mathematics	2011	GC College, Silchar	Assam University
MSc	Mathematics	2013	Mathematics	Assam University

7. Awards and Honors:

Award Details	Awarding Agency	Year	Remarks
NET JRF	CSIR	2016	

8. Work Experience:

Designation	Department	Duration		Nature of Post
		From	To	
<u>Assistant Professor</u>	<u>Mathematics</u>	<u>13/08/2013</u>	<u>Till Date</u>	Regular

9. Published papers in Journals:

Authors	Title	Name of Journal and Year	Volume and Issue	Page No.	Doi / ISSN
N Dhyanchand and Dr A Tiken Singh	Topological transitivity and chaos on uniform spaces	Topology and its Applications, May 2026, 109801	Volume 384	1-18	https://doi.org/10.1016/j.topol.2026.109801
N Dhyanchand and Dr A Tiken Singh	Invariance of proximal cells in shift spaces and the construction of a densely Li-Yorke chaotic non-minimal subshift with zero topological entropy	Bulletin des Sciences Mathématiques, August 2026, 103827	Volume 211,	1-19	https://doi.org/10.1016/j.bulsci.2026.103827

10. Paper Presented in National/International Conference:

- A. Presented a paper “Some Aspects of topological entropy” in the three-day international conference on “Emerging Frontiers and Computational Sciences (EFMCS-2024)” during 24th-26th October, 2024, organised by the Department of Mathematics, NEHU, Shillong.**
- B. Presented a paper “On some class of Li-Yorke Chaotic subshifts with zero topological entropy” in the National conference on “Advances in Mathematical Sciences” held on 21-22 December 2024 at Gauhati University.**
- C. Presented a paper “Transitive compactness and sensitivity on uniform space” in the International Conference on “Advances in Contemporary Mathematics” organised by Department of Mathematics & Research and Development Cell, Women’s College, Agartala, Tripura, India in Collaboration with Tripura University during 19-21 March 2026.**

11. List of Refresher/FDP/Training programs/Workshop attended so far:

- a. Participated in the ATM Workshop on “Topological Combinatorics”, organized at the Harish-Chandra Research Institute (HRI), Allahabad, from 6–11 October 2014.**
- b. Participated in the Annual Foundation School–III, held at NEHU, Shillong, from 12 June to 8 July 2017.**
- c. Participated in the Advanced Instructional School on Ergodic Theory and Dynamical Systems, held at the Department of Mathematics, IIT Delhi, from 4–23 December 2017.**
- d. Participated in the Annual Foundation School–II, held at Assam University, Silchar, from 4–30 June 2018.**
- e. Participated in the Three Days National Conference on “International Pi Day” held from 12-14 March 2022, organised by Department of Mathematics, Manipur University, Canchipur, Manipur-795003.**
- f. Participated in the Two-Days National Seminar on “Recent Trends in Topology and Its Applications”, organized by the Department of Mathematics, North-Eastern Hill University, Shillong, on 4–5 August 2022.**
- g. Participated in the Author Workshop on Scholarly Writing and Intellectual Ethics, jointly organized by North-Eastern Hill University and Elsevier, held on 20 August 2019.**
- h. Participated in the One-Day National Webinar on “Role of E-Resources and N-LIST for Academic Excellence in Colleges”, organized by the Department of Computer Science, Prabhuvati College, Mayang Imphal, Manipur, held on 29 December 2020.**
- i. Participated in the DST-SERB Sponsored Two-Day International Workshop on “Mathematical Foundations and Applications of Gravity”, organized by the**

Department of Basic Sciences and Social Sciences, North-Eastern Hill University (NEHU), Shillong.

- j. Participated in the 10-Day Faculty Development Programme (FDP) on “Python Programming”, held from 16–25 October 2023.**
- k. Participated in the UGC-Sponsored Two-Week Online Refresher Course in Mathematical Sciences (Mathematics/Statistics/Operations Research/Computer Science) from 18 December 2024 to 1 January 2025 and obtained Grade A+.**