

DEPARTMENT MATHEMATICS

PROFILE OF TEACHING STAFF AS ON 30-06-2025

Sri LAKPA THENDUP BHUTIA

- Total Teaching Experience in this College: 1 Year 7 months
- Special Paper in M.Sc.: Mathematical Biology

- (a) **Full Name:** L A K P A T H E N D U P B H U T I A
- (b) **Present Designation:** ASSISTANT PROFESSOR
- (c) **Areas of Specialization:** Nonlinear Dynamics, Bifurcation Theory, Delay Differential Equations
- (d) **E-mail ID:** lakpabht@gmail.com
- (e) **WhatsApp Number:** +91 8016249397

(f) **Academic Qualifications (From UG Onwards):**

Sl. No.	University/College/Institution from which the Degree was obtained	Name of the Degree e.g., M.A.	Year of Obtaining Degree
1	Jadavpur University	B.Sc.	2018
2	Jadavpur University	M.Sc.	2020

(g) **Teaching Experiences:**

Sl. No.	Name of the University/College/Institution	Period (i.e., From.....to)

(h) **RC/OP/FIP/STC Attended:**

Sl. No.	Academic Session	RC/OP/FIP/STC etc.	University/Institution	Period (i.e., From.....to)	Online/Offline
1	2023-2024	OP	MM-TTC, University of Calcutta	03/01/2024-11/01/2024	Online
2	2024-2025	FIP	Mizoram University	24/04/2025-21/05/2021	Online

NUMBER OF PUBLICATIONS & CONFERENCE/ SEMINARS

Sl. No.	Academic Session	Published Papers in National Journals (Number)	Published Papers in International Journals (Number)	Book published as Author (Number)	Book published as Editor (Number)	Articles/Chapters Published in Books (Number)	Conference/Seminar Volumes (Number)	Papers accepted/ Presented in Conferences, Seminars, Workshops, Symposia (Number)	Invited Lectures and Chairmanships at National or International Conference/Seminar (Number)	News Paper Publications (Number)	Books Reviewed (Number)

DETAILED LIST OF PUBLICATIONS

(a) **JOURNALS (International)**

Sl. No.	Title with Page No.	Journal	ISSN No.	Whether peer-reviewed.	Impact factor, if any.	No. of Co-Authors	Whether you are the sole author
1	Asymptotic and transient approaches of harvested predator-prey models with reaction-diffusion [Volume 140, article number 310, (2025)]	The European Physical Journal Plus	2190-5444	Yes	2.9	4	No
2	Evolution of Turing patterns of a predator-prey system with variable carrying capacity and harvesting [Volume 191, pages 115790, (2025)]	Chaos, Solitons & Fractals	1873-2887	Yes	5.6	4	No
3	The influence of double delays in a diffusive predator-prey system: stability switching curves method [Volume 113, pages 17311-17334, (2025)]	Nonlinear Dynamics	1573-269X	Yes	6.0	3	No
4	Impact of the herd harvesting on a temporal and spatiotemporal prey-predator model with certain prey herd behaviors and density-dependent cross-diffusion [Volume 139, article number 1101, (2024)]	The European Physical Journal Plus	2190-5444	Yes	2.9	2	No
5	Dynamical Analysis of Delayed Predator-Prey Models and Explicit Impacts of Harvesting [Volume 13, pages 373-403, (2024)]	Journal of Applied Nonlinear Dynamics	2164-6473	Yes	-	2	No
6	Spatiotemporal analysis of a modified Leslie-Gower model with cross-diffusion and harvesting [Volume 470, pages 134381, (2024)]	Physica D: Nonlinear Phenomena	1872-8022	Yes	2.9	4	No
7	Transient and asymptotic dynamics of Bazykin's prey-predator model on managing reactivity, resilience, and maximum sustainable yield [Volume 138, page 256, (2023)]	The European Physical Journal Plus	2190-5444	Yes	2.9	2	No

8	Explicit impacts of harvesting on a fractional-order delayed predator-prey model [Volume 232, pages 2629-2644, (2023)]	The European Physical Journal Special Topics	1951-6401	Yes	2.3	3	No
9	A study of a spatiotemporal delayed predator-prey model with prey harvesting: Constant and periodic diffusion [Volume 75, pages 113967, (2023)]	Chaos, Solitons & Fractals	1873-2887	Yes	5.6	5	No