

## GENERAL INFORMATION

1. Name (Block letters) : **Dr. Prabir Chakraborty**
2. Current Designation : Assistant Professor
3. Phone No. : + 91 8013187678
4. E-mail: : prabir.math@gmail.com
5. Educational Qualification (Graduation onwards):

DEGREE	YEAR	UNIVERSITY
B.Sc.	2009	University of Calcutta
M.Sc.	2011	University of Calcutta
Ph.D.	2023	University of Calcutta

6. Teaching Experience : 10 yrs.
7. Field of Specialization : Mathematical Biology, Plasma Physics
8. Courses Taught/ Teaching : Mathematics
9. **Conferences/ Seminars/Workshops:**

Sl. No.	Title of the paper presented	Title of Conference/ Seminar	Organized by	Whether International/ National/State/ Regional/College or University level
1.	Stability and Bifurcation Analysis of Logistically Grown SIR Model with Effect of loss of Immunity of the Recovered Class	Indian Workshop and Symposium on Modeling, Experimentation and Simulation on Complex System	SERB-DST, GOI & IOCL Sponsored Indian Workshop and Symposium organized by Haldia Institute of Technology, Haldia, West Bengal	National
2.	Stability and bifurcation analysis of a ratio dependent discrete prey-predator model with linear Harvesting	4th IEEE International Conference on Recent Advances in Information Technology (RAIT-2018)	Department of Computer Science & Engineering, IIT(ISM) Dhanbad-826004, Jharkhand, India	International
3	Stability and Bifurcation Analysis of a Ratio Dependent Discrete Prey-Predator Model with Chaos-Control (Awarded as “Best Paper presenter”)	International Conference on Emergent Research in Mathematics and Engineering - (ICERME-2019)	Department of Mathematics, NIT Agartala sponsored by TEQIP-III	International
4	Stability and Bifurcation Analysis of a Discrete Prey-Predator Model with Holling’s Type-II Functional Response, Cooperative Hunting and Additive Allee Effect	International webinar on Recent Advances in Pure and Applied Mathematics- (RAPAM-2020)	Department of Mathematics, Kurseong College, Darjeeling,	International

10. Publication

**(i) Published Papers in Journals**

Sl. No.	Title with page no.	Journal	ISSN/ ISBN No.	Whether peer reviewed. Impact factor, if any
1.	A FIXED-POINT THEOREM OF CACCIOPPOLI-KANNAN TYPE ON A CLASS OF GENERALIZED METRIC SPACES Vol. 9, no. 28, 1357-1361(2014)	International Mathematical Forum	ISSN (online) : 1314-7536 ISSN (print): 1312-7594	Peer reviewed
2.	STABILITY AND BIFURCATION ANALYSIS OF A DISCRETE PREY-PREDATOR MODEL WITH SQUARE-ROOT FUNCTIONAL RESPONSE AND OPTIMAL HARVESTING 28(01), 91-110 (2020)	Journal of Biological Systems, World Scientific	ISSN (print): 0218-3390   ISSN (online): 1793-6470	Peer reviewed Impact Factor: 1.6
3.	STABILITY AND BIFURCATION ANALYSIS OF A DISCRETE PREY-PREDATOR MODEL WITH SIGMOID FUNCTIONAL RESPONSE AND ALLEE EFFECT 1-21 (2020)	Rendiconti del Circolo Matematico di Palermo Series 2, Springer	Electronic ISSN 1973-4409 Print ISSN 0009-725X	Peer reviewed Impact Factor: 1.0
4	STABILITY AND BIFURCATION ANALYSIS OF A RATIO DEPENDENT DISCRETE PREY-PREDATOR MODEL WITH CHAOS-CONTROL Vol.23, pp 176-192,(2021)	Journal of Tripura Mathematical Society	ISSN 0972-1320	Peer reviewed
5	STABILITY AND BIFURCATION ANALYSIS OF A DISCRETE PREY-PREDATOR MODEL WITH MATE-FINDING ALLEE, HOLLING TYPE-I FUNCTIONAL RESPONSE AND PREDATOR HARVESTING 52, 190 (2022)	Braz J Phys, Springer	Electronic ISSN 1678-4448 Print ISSN 0103-9733	Peer reviewed Impact Factor: 1.6

**(ii) Articles/ Chapters published in Books**

Sl. No.	Title with pageno.	Book title, editor & publisher	ISSN/ISBN No. (Or, Renowned publishers) See Cat 1-4 as above for scores	Whether peer reviewed.
1.	STABILITY AND BIFURCATION ANALYSIS OF A RATIO DEPENDENT DISCRETE PREY-PREDATOR MODEL WITH LINEAR HARVESTING	Book title: 4th IEEE International Conference on Recent Advances in Information Technology (RAIT 2018) Editors: Dr. Sachin Tripathi Dr. Arup Kumar Pal Publisher: IEEE	Electronic ISBN: 978-1-5386-3039-6 Print ISBN: 978-1-5386-3038-9	Peer reviewed

11. Research Guidance (PhD/ Phil, MA Project/ BA Project): No

12. ACADEMIC SEMINARS/CONFERENCE/WORKSHOP ORGANIZED

- Organized HIGHER EDUCATION DIRECTORATE Sponsored TWO DAYS NATIONAL SEMINAR-CUM WORKSHOP ON “Recent Advances in Mathematics and Mathematical Sciences: Its Teaching and Learning” during 22nd and 23th February, 2017 at Govt. General Degree College, Muragachha as a Joint Convener.
- Organized One DAY International Webinar on “Mathematical Modeling and its Application” on 18th September 2020 at Govt. General Degree College, Muragachha as a Convener.

13. Project (UGC/ DST/etc) : No

14. Consultancy/ Extension work : No

15. Membership of Academic Institution :

- Life-time member: “INDIAN SCIENCE CONGRESS ASSOCIATION”.
- Life-time member: “CALCUTTA MATHEMATICAL SOCIETY”.

16. Awards: : No