

Personal Profile

Name: Parthajit Bhowal
Designation: Assistant Professor
Department: Mathematics
Specialization/ Area of Interest: Algebra
Date of Joining: 23rd August, 2021
Contact Number: +91 9854114009, +91 7002949620
Email-ID: bhowal.parthajit8@gmail.com

Serial Number	Degree	Subject/Area	Institute	Year
1.	Integrated M.Sc.	Mathematics	Tezpur University	2017
2.	PhD (Pursuing)	Solvable and Non-Solvable Graph	Tezpur University	

Publications (Journals):

- P. Bhowal and R. K. Nath, *Genus of commuting conjugacy class graph of groups*, **submitted for publication.**
- P. Bhowal and R. K. Nath, *Spectrum and energies of commuting conjugacy class graph of a finite group*, **submitted for publication.**
- P. Bhowal and R. K. Nath, *Spectral aspects of commuting conjugacy class graph of finite groups*, **Algebraic Structures and Their Applications, accepted for publication.**
- P. Bhowal, D. Nongsiang and R. K. Nath, *Non-solvable graphs of finite groups*, **submitted for publication.**
- P. Bhowal, D. Nongsiang and R. K. Nath, *Solvable graphs of finite groups*, **Hacettepe Journal of Mathematics and Statistics**, Volume 49 (6) (2020), 1955–1964.

Papers Presented:

- **SOME PROPERTIES OF SOLVABLE GRAPH OF A FINITE GROUP** presented in the National Seminar on Recent Advancements in Science and Technology (RAST) organized by Union Christian College through the Science Society (UCC) in collaboration with NESAC, PA Sangma Foundation and College of Post-Graduate Studies (CAU), Umiam, Meghalaya, India, during 12th-14th June, 2019.
- **SOME PROPERTIES OF NON-SOLVABLE GRAPH OF A FINITE GROUP** presented in the International Conference on Analysis, Algebra, Combinatorics and their Application (ICAACA-2020) organized by Department of Mathematics, Jadavpur University, Kolkata-700032, India, during January 20-22, 2020.
- **Solvable Graph of a Finite Non-Solvable Group** presented in the International Conference on Advances in Mathematics, Science and Technology (ICAMST-2020) Organized by Department of Mathematics, Rajiv Gandhi University (A Central University) Rono Hills, Doimukh – 791112, Arunachal Pradesh, INDIA, during 1-3 September, 2020.

- **REALISATION OF NON-SOLVABLE GRAPH OF A FINITE GROUP**, presented in the International Conference on Present Scenario in Mathematical Sciences (ICPSMS 2020) Organized by Department of Mathematics, Karnatak University's Karnatak Arts College, Dharwad, India during 12-13 September, 2020.
- **Genus of commuting graphs of certain finite groups**, presented in the 6th Biennial International Group Theory Conference - 2021 (6BIGTC-2021) organized by Department of Mathematics, Vellore Institute of Technology, Vellore, Tamil Nadu, India during 4-6 march, 2021.

Book chapter Published:

- *Recent Trends in Mathematical Sciences*, LAP Lambert Academic Publishing, Germany, 2019, ISBN – **978-620-0-32416-0**.
- *A Compendium of Trending Research in Mathematical Sciences*, LAP Lambert Academic Publishing, Germany, 2020, ISBN – **978-620-2-91733-9**.