

RESUME



Dr. HARISH PATODIA

Personal Information

Name : Dr. HARISH PATODIA
Father's Name : Late SUSHIL PATODIA
Mother's Name : MAINA PATODIA
Date of Birth : 11/10/1993
Current Address : Dept. of Mathematics, Nowgong College (Autonomous),
Pin No. 782001, Nagaon, Assam
Permanant Address : Niz Gohpur, Gohpur
Pin No. 784168, Biswanath, Assam
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Marital status : Single
Language Known : English, Hindi, Assamese.

EDUCATIONAL QUALIFICATIONS:

- ♣ **Matriculation** from Gohpur High School, Gohpur with 90% in the Year 2009 (SEBA).
- ♣ **Higher Secondary** from Chaiduar College, Gohpur with 80% in the Year 2011 (AHSEC).
- ♣ **B. Sc. (Maths, Stats, Phy) with Mathematics as major** from Chaiduar college (Gauhati University) Assam with CGPA 8 (80 %) in the year 2014.
- ♣ **M. Sc. in Mathematics** (specialization in pure mathematics) from Gauhati University, Assam with CGPA 9.65 [96.5%] in the year 2016.

♣ **Ph.D.** (awarded on 31st July 2021), from Department of mathematics, Gauhati University (Title of the thesis: A Study on Generalized Notions of Classical Perfect Numbers).

♣ Qualified **SLET NE examination in Mathematics**, 15th July 2021.

WORKSHOPS/SEMINARS ATTENDED:

♣ NATIONAL SEMINAR on Advances in mathematical sciences (22-23 Dec, 2015) held at GAUHATI UNIVERSITY.

♣ NATIONAL CONFERENCE on Advances in mathematical sciences (22nd Dec, 2016) held at GAUHATI UNIVERSITY.

♣ NATIONAL CONFERENCE on Recent advances in applied sciences (17-18th May, 2019) held at GAUHATI UNIVERSITY.

♣ Five Days e-Workshop on LaTeX, organized by Dept. of Mathematics, School of Science, GITAM, Bengaluru, India, held from 5th to 9th July 2021.

PAPERS PRESENTED IN CONFERENCES:

♣ Presented a paper entitled "A note on m -Zumkeller numbers" at the NATIONAL SEMINAR ON PURE AND APPLIED MATHEMATICS, Sept 19-20, 2018, organized by Dept. of Mathematics St. Mary's College, Shillong.

♣ Presented a paper entitled "A note on generalized m -Zumkeller numbers" at the INTERNATIONAL CONFERENCE ON ALGEBRA AND CONTINUUM MECHANICS, Nov 23-25, 2018, organized by Department of Mathematics and Statistics, Himachal Pradesh University, Shimla.

♣ Presented a paper entitled "A note on generalized Zumkeller numbers" at the NATIONAL SEMINAR ON ADVANCES IN MATHEMATICAL SCIENCES, Dec 22, 2018, organized by Department of Mathematics, Gauhati University, Guwahati.

♣ Presented a paper entitled " m -Zumkeller labeling algorithms for complete bipartite graphs and wheel graphs" at the INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN MATHEMATICS AND ITS APPLICATIONS, July 16-18, 2019, organized by Department of mathematics, Tripura University.

♣ Presented a paper entitled " t - m -Zumkeller labeling of graphs" at the INTERNATIONAL CONFERENCE ON APPLIED NONLINEAR ANALYSIS & SOFT COMPUTING, Dec 22-23, 2020, organized by Department of Mathematics, Gauhati University.

PUBLICATIONS:

- ♣ Harish Patodia and Helen K. Saikia: m -Zumkeller graphs, **Adv. In Mathematics: Sci. Journal**, 9(7), 2020, 4687-4694. (ISSN: 1857-8365), (SCOPUS)
- ♣ Harish Patodia and Helen K. Saikia: Generalization of Zumkeller numbers, **Adv. In Mathematics: Sci. Journal**, 9(12), 2020, 10613-10619. (ISSN: 1857-8365), (SCOPUS)
- ♣ Harish Patodia, and Helen K. Saikia: On m -Zumkeller numbers, **Bull. Cal. Math. Soc.**, 113(1), 2021, 53-60. (ISSN: 0008-0659), (UGC CARE LIST)
- ♣ Harish Patodia and Helen K. Saikia: t - m -Zumkeller labeling of graphs, **Adv. and Appl. in discrete mathematics**, 27(1), 2021, 1-14. (ISSN: 0974-1658), (WEB OF SCIENCE)
- ♣ Harish Patodia and Helen K. Saikia: On k - m -Zumkeller numbers, **Adv. and Appl. In Mathematical sciences**, 20(8), 2021, 1525-1535. (ISSN: 0974-6803), (UGC CARE LIST, WEB OF SCIENCE)
- ♣ Harish Patodia and Helen K. Saikia: Near-Zumkeller numbers, **Proyecciones**, 41(3), 2022, 765-776. (ISSN: 0717-6279), (SCOPUS)
- ♣ Harish Patodia and Helen K. Saikia: m -Zumkeller labeling algorithm for jewel and jelly fish graph, **Adv. and Appl. In Mathematical sciences**, 22(2), 2022, 445-451. (UGC CARE LIST, WEB OF SCIENCE)
- ♣ Harish Patodia and Helen K. Saikia: A Note on m - Zumkeller Cordial Labeling of Graphs, **Proyecciones**, 42(1), 2023, 65-84. (ISSN: 0717-6279), (SCOPUS)
- ♣ "GONIT PROBAH, VOLUME 2", edited by Dr. Harish Patodia.

TEACHING EXPERIENCE:

- ♣ Worked as a guest faculty in the Department of Information Technology, Institute of Science and Technology, Gauhati University (GUIST) from August 2017 to March 2019.
- ♣ Worked as a guest faculty in the Department of Mathematics, Pandu College, from 9th September 2019 to 4th October 2019.
- ♣ Worked as a guest faculty in the department of Commerce, Chaiduar College, Gohpur, from 25th October 2021 to 22nd September 2022.
- ♣ Worked as an Assistant Professor in the department of Mathematics, Nowgong College (Autonomous), Nagaon, from 24th September 2022 to present.

Professional Development Course:

- ♣ Professional Development Programme on “Implementation of NEP-2020 For University and College Teachers”, organized by IGNOU Under PMMMNMTT, 12-20 June, 2023.
- ♣ Online Monthlong Faculty Induction Program (FIP) under the aegis of PMMMNMTT Scheme of Ministry of Education, Government of India and organized by MMTTC, Tezpur University (Formerly TLC, Tezpur University) from 15/02/2024 to 15/03/2024.
- ♣ 5 Days Faculty Development program on concept of Pure and Applied Sciences from 11/03/2024 to 15/03/2024 jointly organised by Parul University and Gujrat Ganit Mandal.
- ♣ NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MMTTP) of University Grants Commission (UGC) Organized by MMTTC, Gauhati University from 05/06/2024 to 14/06/2024.

AREAS OF INTEREST:

- ♣ Number Theory, Graph Theory, Algebra.

SKILLS:

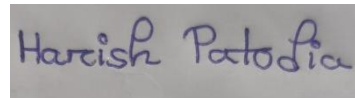
- ♣ Computer: Mathematica, C programming language.

Declaration

I do hereby declare that the statement made by me in regard to the career and inherent qualities are true in all respect.

Date : 21.11.2024

Place : Nagaon



(HARISH PATODIA)