G. L. Choudhury College, Barpeta Road, Assam

Department of Mathematics
Personal Profile of Faculty

Dr. Navalakhi Hazarika

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PERSONAL INFORMATION:

- **Date of Birth: 15-11-1980.**

- **Father's and Mother's Name**: Lt. Lila Hazarika and Sri PunyaHazarika

- **Citizenship**: Indian

- **Gender:**Female

- **Category:** OBC (Koch)

- **Permanent Address**: Flat No. 1E, Atulya Garden Residency, Ananda Nagar, Sixmile, Ghy-22

EDUCATION DETAILS:

B.Sc.in Mathematics, North Lakhimpur College, Dibrugarh University

M. Sc. in Mathematics, Gauhati University(Pure Mathematics)

M Phil in Mathematics , Madurai Kamaraj University(in Mathematics)

Ph.D Gauhati University (**Title of Thesis**: Some contributions to Near Rings and Near Ring Groups with injectivity and chain Conditions)

PUBLICATIONS IN REFEREED JOURNAL:

- "E- Honest Near – Ring Subgroups" in Indian Journal of Mathematics & Mathematical Sciences,Volume7, No. 1, June, 2011.
- "Super-honest N-subgroups" in Advances in Algebra, Volume 5, No. 1, 2012.
- "Direct Sum of E-Injective N- Groups" in   International J. of Mathematical Sciences, Vol. 33, No. 2, 2013.
- "On Weakly Noetherian N-Groups And Ascending Chain Conditions On Essential Ideals" in Global Journal Of Pure And Applied Mathematics. Volume 10, No. 3, 2014.
- "Quasi-injective near-ring groups" in International Journal Of Pure And Applied Mathematics, Volume 97, No. 2 (2015)
- "Singular and semi-simple character in E-injective N-groups with weakly descending chain conditions" in Africa Mathematica(Springer), Volume 29, 2018.
- "ON STRICT-HONEST AND SUPER-HONEST N-SUBGROUPS",in Advances in Mathematics: Scientific Journal, 2020, Vol 9(9).
- "Series for $1/\pi$ derived from Ramanujan's Theory of Elliptic functions to alternative base 3" in Journal of Critical Reviews,2020, Vol 7(19).

BOOK PUBLICATION: Honesty And Superhonesty In Near-Rings And Near-Ring Groups, Research India Publications, 2015.

PAPER PRESENTED IN CONFERENCE:

- *Presented* a research paper in the National Conference on Recent Trends in Mathematics and its applications (NCRTMA-09) on "On N-groups with chain conditions"   in the department of Mathematics, Gauhati University on 12th& 13th September, 2009.
- *Presented* a research paper in the 55th Annual Technical Session, Assam Science Society on "On Superhonest N-subgroups" in Gauhati University on 15th Feb, 2010.
- *Presented* a research paper in the National Seminar on Recent Trends in Mathematics and its applications (RTMA-2013) on "On Quasi-injective N-Subgroups", in Digboi College (Collaboration with Dibrugarh University) on 7th&8th , October, 2013.
- *Presented*   a research paper in the National Conference On Mathematics Commemorating Birth Anniversary Of Sri NivasanRamanujan on "Singularity in E-

injective N-group" in Girijananda Institute of Management and Technology on 23rd Dec, 2013.

- *Presented* a research paper in theInternational Conference on Frontiers in Mathematics 2015

  on "On n-injective N-groups" on March 26-28, 2015.

- *Presented* the paper entitled "Singular and Semi-simple character in n-injective N-groups with weakly descending chain conditions" in National Seminar on Advances in Mathematical Sciences(NSAMS, 2015) jointly organized by Department of Mathematics, Gauhati University and Assam Mathematical Society on 22nd December, 2015.

- *Presented* the paper entitled "C-CLOSED N-SUBGROUPS AND THEIR RELATIONS WITH DIFFERENT HONEST N-SUBGROUPS"in theInternational Conference(ICAMST-2020)organized by Department of Mathematics, Rajiv Gandhi Universityon 1-3 September, 2020

CONFERENCE/ WORKSHOP ORGANIGED:

- Attended and *organized* (a*cted as Co-Convener*)the National Conference on Pure and Applied Mathematics (NCPAM-2013) Royal School of Engg. & Technology on 9th& 10th May, 2013.

- Attended and *organized* the National Workshop on "Use & Development of NPTEL Course" at Royal School of Engg. &Technology in collaboration with IIT, Guwahati on 29th& 30th April, 2013.

- *Organized* as **co convener** the *"Workshop on Mathematics for Engineering Aspirants,2015" on* 5-6 June, 2015 at Royal School of Engg. & Technology.

AREA OF INTEREST: *Algebra, Fuzzy Mathematics*

GUIDESHIP:

- Guided two students of M.Sc. Project in 2019 and 2020.
- Guided one Ph. D. student of RGU since 2019, January to 2021, February (left for change of Job and continuing as Coguide).

TEACHING EXPERIENCE:

- Working as an Assistant Professor in the Department of Mathematics at G L Choudhury College, Barpeta Road from February 2021 to till Date
- Worked as an Assistant Professor in the Department of Mathematics at Royal School of Engineering & Technology and HOD, Department of Mathematics Royal School of Applied And Pure Sciences of Royal Global University, Guwahati from July 2009 to February 2021.
- Worked as a Lecturer(Mathematics) at Ghaziabad Institute of Management &Technology , Ghaziabad from July ,2008 to November 2008.
- Worked as a Lecturer(Mathematics) at North Lakhimpur College, North Lakhimpur from July, 2006 to September, 2007.

MEMBERSHIP:

- Life member, *ISTE* (**Indian Society for Technical Education**).
- Life member, *IMS,* (**Indian Mathematical Society**)