



G. L. Choudhury College, Barpeta Road, Assam



Department of Mathematics **Personal Profile of Faculty**

Name of the Faculty: Subhrajit Sarma

Designation: Assistant Professor , Department of Mathematics

Personal Information:

Date of Birth: 08-12-1994

Gender: Male

Category: General

Nationality: Indian

Religion: Hinduism

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Present Address:

Tihu Town, Ward No. 3 (Choudhuripara), P.O. & P.S. :Tihu, Pin 781371, Dist.: Nalbari, Assam

Permanent Address:

Tihu Town, Ward No. 3 (Choudhuripara), P.O. & P.S. :Tihu, Pin 781371, Dist.: Nalbari, Assam

Date of Joining: 26-02-2021

Academic Qualification:

B.Sc. in Mathematics from Tihu College, Tihu under Gauhati University

M.Sc. in Mathematics from Gauhati University, Guwahati (Specialization- Applied Mathematics)

Teaching Experience:

In UG level: 1 Year

In PG level: No

Research Experience: Nil

Area of Interest: Magnetohydrodynamics (MHD), Fluid Mechanics, Computer Algebra

Research Publications:

- **Sarma, S.**, Bhuyan, R.K. (2018). Fibonacci Number, Golden Ratio and their Connection to Different Floras, *International Journal of Mathematics Trends and Technology (IJMTT)*, 61(2), 95-99.
DOI: 10.14445/22315373/IJMTT-V61P514, ISSN:2349- 5758
- **Sarma, S.**, Bhuyan, R.K. (2019). Boolean Algebra and Logic Gates, *International Journal of Mathematics Trends and Technology (IJMTT)*, 65(3), 147-151.
DOI: 10.14445/22315373/IJMTT-V65I3P522, ISSN:2349- 5758
- Ahmed, N., **Sarma, S.** (2021). Thermal Diffusion Effect on Unsteady MHD Free Convective Flow Past an Impulsively Started but Temporarily Accelerated Semi-Infinite Vertical Plate with Parabolic Ramped Conditions, *Heat Transfer*,
DOI: 10.1002/htj.22295, ISSN: 2688-4542
IMPACT FACTOR-1.712
- Taid, B.K., Ahmed, N., **Sarma, S.**, (2021).Heat Source and Radiation Absorption on Unsteady MHD Fluid Flow over an Infinite Vertical Plate Embedded in a Porous medium in Presence of Soret Effect, *Journal of Mathematical and Computational Science*,11(6): 7154-7169,
DOI: 10.28919/jmcs/6149, ISSN: 1927-5307
IMPACT FACTOR-0.218
- **Sarma, S.**, Ahmed, N., Taid, B.K., (2021).Diffusion Thermo Effect on Unsteady MHD Free Convective Flow Past an Impulsively Started Semi- Infinite Moving Vertical Plate with Uniform Heat and Mass Flux, *JP Journal of Heat and Mass Transfer*, 24(1): 37-62. DOI: 10.17654/HM024010037, ISSN: 0973-5763.
IMPACT FACTOR-0.37

Published Books/ Book Chapters with ISBN:

- **Sarma, S.**, (2020).A Study on Linearization, Hartman's Theorem and Non-Linear Oscillatory Systems, *Research Trends in Mathematics and Statistics*, Vol-6, 123- 140
Book DOI: 10.22271/ed.book.537
ISBN: 978-93-89680-11-9.
- **Sarma, S.**, (2020). Fibonacci Numbers, Golden Ratio and Their Applications, *Research Trends in Mathematics and Statistics*, Vol-7, 19-35.

Book DOI: 10.22271/ed.book.822

ISBN: 978-93-90322-71-8

National/ International Seminars, Workshops and Training etc. attended:

- Certified presenter of the paper “Thermal diffusion and Thermal Radiation Effects on Free Convective MHD Radiating Flow Past an Impulsively Started Infinite Vertical Plate” in the International Conference on Applied Nonlinear Analysis & Soft computing on 22nd to 23rd December, 2020 organized by Department of Mathematics, Gauhati University, Guwahati, India.
- Certified presenter of the paper “Combined Effects of Soret and Radiation in an Unsteady Free Convective MHD Flow Past an Impulsively Started Semi- Infinite Vertical Plate with parabolic Ramped Conditions” in the International Conference on mathematical Modelling, Applied analysis and Computation-2021 on 5th to 7th August, 2021 organized by Department of Mathematics, Faculty of Science, JECRC University, Jaipur, India.
- Certified presenter in the International Conference on Plant Science on 4th to 6th February, 2019 organised by Botanical Society of Assam, Department of Botany, Gauhati University, Department of Botany, Cotton University and Assam Science Technology and Environment Council.

Other Academic Qualifications and Awards:

- PGDCA
- Best Graduate of Tihu College, Tihu, 2016.
- First class third position in B.Sc. in Mathematics under Gauhati University in 2016.
- First class second position in M.Sc. in Mathematics under Gauhati University in 2018.

Membership in reputed State/National agency:

- Life member of **Assam Science Society, Assam.**