CURRICULUM VITAE

PERSONAL INFORMATION

Name: Dr. Kalyan Chamuah

Date of Birth: 01/03/1991

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Permanent Address: Vill.-Akhoiphutia gaon, P.O.-Mohemari, P.S.-Ghilamara, Dist-Lakhimpur,

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Languages Known: Assamese, English, Hindi

Gender: Male

Nationality: Indian

Caste: OBC

CURRENT POSITION

Assistant Professor: Department of Mathematics, Moridhal College, Moridhal, Dhemaji, Assam-787057, Date of joining: 24/09/2022

Research Interest : Fluid Dynamics, Magneto-Fluid Dynamics, Heat and Mass Transfer.

EDUCATIONAL QUALIFICATION

Exam Passed	Name of Board/ College/ University	Year
HSLC	SEBA	2007
HSSLC	AHSEC	209
B.Sc.	North Lakhimpur College, North Lakhimpur	2014
M.Sc	Gauhati University, Guwahati	2016
PhD	Gauhati University, Guwahati	2022

PUBLICATIONS:

Papers Published in National / International Journals:

1. K. Chamuah & N. Ahmed, MHD free convective dissipative flow past a porous plate in a porous medium in the   presence of radiation and thermal diffusion effects, pp. 1964-1981   Heat transfer , 51(2), 2022   2688-4542   Scopus,   Web   of   science   Doi:10.1002/htj.22383

2. N. Ahmed, K. Choudhury & K. Chamuah,   Three   dimensional   hydromagnetic convective flow past a porous vertical plate with sinusoidal suction in slip flow regime Mathematics in Engineering, Science and Aerospace, 11(4), 2020   2041-3165   Scopus

3. K. Choudhury, K. Chamuah & N. Ahmed,   Radiation effect on MHD flow past a porous vertical plate in the presence of heat sink, pp. 5302-5319   Heat   transfer,   51(6), 20222688-4542   Scopus, Web of science   Doi:10.1002/htj.22548

4. R. Bordoloi, K. Chamuah & N. Ahmed,   Free convective MHD radiative flow past a porous vertical plate in a porous medium with chemical reaction,   Biointerface   research in applied chemistry, 13(3), 2023   2069-5837   Scopus,   Web   of   science   Doi.org/10.33263/BRIAC133.259

5. K. Chamuah & N. Ahmed,   Oscillatory flow of a viscous conducting fluid through a uniformly moving vertical circular cylinder under pressure gradient   Journal   of mathematical and computational science, 11(4), 2021   1927-5307 Doi.org/10.28919/jmcs/5806

Papers presented in Conferences/Seminar:

1. Study on coupled MHD flow equations in porous medium in the presence of uniform magnetic field International Conference on Advances in Mathematics, Science and Technology, Sept. 1-3, Organized by Department of Mathematics, Rajiv Gandhi University, Rono Hills, Arunachal Pradesh.
2. Study the effect of thermal diffusion, diffusion-thermo and thermal radiation on MHD convective steady three dimensional flow through a porous medium, International Conference on Recent trends in theoretical and applied statistics, Sept. 18-20, Organized by Department of Statistics, Dibrugarh University, Dibrugarh.
3. Heat transfer on convective MHD flow through porous medium with thermal radiation, International Webinar on Mathematics and Applications, Sept. 25-27, Organized by Department of Mathematics, University of Burdwan, West Bengal.
4. Thermal diffusion effect in MHD natural convective dissipative flow past a porous plate embedded in a porous medium, International Conference on Applied Nonlinear Analysis

and Soft Computing, Dec. 22-23, 2020, Organized by Department of Mathematics, Gauhati University, Guwahati.

Book Chapters

1. N. Ahmed & K. Chamuah (2023),Thermal diffusion effects in MHD natural convective dissipative flow past a porous plate embedded in a porous medium, Springer Nature, ISBN: 978-981-19-8053-4
2. K. Chamuah & K. Choudhury(2020), Three dimensional MHD flow with diffusion thermo effect embedded in a porous medium, Dibrugarh university, ISBN: 978-81-951950-0-8
3. S.H. Islam, N. Ahmed & K. Chamuah (2020), Unsteady free convective MHD heat transfer flow through porous medium in presence of radiation and slip condition, Assam down town university, ISBN: 9788194567509