CURRICULAM-VITAE

PERSONAL INFORMATION:-

Dr. Anuja Sinha

Rani Gate, near Decathlon, Azara, Guwahati – 17, Assam, India.

Date of birth:- 15/05/1983

Gender:- Female

Religion:- Hinduism

Email id:- anujasinha115@gmail.com., Phone No.:- 9678468982 / 9706393193 (M)

EDUCATION:-

EDUCATIONAL QUALIFICATION	BOARD/ UNIVERSITY	EDUCATIONAL INSTITUTION	YEAR OF PASSING	PERCENTAGE OF MARKS
Ph.D	Gauhati University	Gauhati University	2020	
M.Sc (Maths.)	Gauhati University	Gauhati University	2009	71.4
B.Sc (Maths.)	Gauhati University	Handique Girls' College, Guwahati	2007	40.1
H.S (Science)	AHSEC	Handique Girls' College, Guwahati	2003	57.2
H.S.L.C.	SEBA	Holy Child School, Guwahati (Convent)	2001	71.4

EXPERIENCE :-

- Worked as a lecturer in Mathematics in Competitive and Board Examination Department in Miles Bronson Residential School (under CBSE) from May 2010 to April 2011.
- Was working as an Assistant Professor of Mathematics in University Of Science And Technology, Meghalaya (a unit of ERD Foundation) from May 2011 to July 2015.
- Was working as an Assistant Professor of Mathematics in NETES Institute of Technology and Science, Mirza from February 2016 to February 2020
- Presently working as an Assistant Professor of Mathematics in The Assam Royal Global University, Assam from 9th March 2021.

RESEARCH FIELD:-

Fluid dynamics: MHD

CONFERENCES , SEMINARS AND WORKSHOPS

(1)   82nd Annual Conference of The Indian Mathematical Society (IMS) organized by the Department of Mathematics, University of Kalyani, West Bengal.
Name of the Paper presented:- MHD free Convective flow through a porous medium past a vertical plate with ramped wall temperature.

(2)   A National Conference on Engineering Mathematics organized by the Department of Mathematics, Indian Institute of Technology(IIT), Kharagpur.
Name of the Paper presented:- Thermal Diffusion effect on MHD oscillatory channel flow with slip condition and Mass Transfer.

(3)   National Seminar on Advances in Mathematical Sciences organized by the Department of Mathematics, Gauhati University.
Name of the Paper presented:- Diffusion Thermo Effect on Transient MHD flow past a uniformly moving vertical porous plate with chemical reaction in a slip flow regime.

(4)   National Conference on Mathematics and its Applications organized by the Department of Mathematics, Cotton College State University and Cotton College.

(5)   National Conference on Recent Advances in Applied Sciences (RAAS'19) organized by Department of Applied Sciences, Gauhati University.
Name of the Paper presented:- Transient Mass Transfer Flow Past a temporarily accelerated semi-infinite vertical plate in presence of chemical reaction with ramped wall temperature

(6)   International Conference on "Applied Nonlinear Analysis and Soft Computing", organized by Gauhati University.
Name of the Paper presented:- Effect of Thermal Radiation on MHD three dimensional Natural Convective Couette Flow in presence of Thermo-diffusion and Chemical reaction.

(7)   Participated workshop on **Online Certificate Programme on Data Analysis using SPSS and AMOS** conducted online by ASBM University, Bhubaneshwar from 15th July to 28th July, 2022.

(8)   Participated in **Five days e-Workshop on La TeX** organized by the Department of Mathematics, School of Science, GITAM, Bengaluru, India, held from 5th July to 9th July, 2021.

(9)   Participated in **International Faculty Development Programme on Mathematical Modelling of Biosystems with special focus on Epidemiology** held at Mizoram University during 22-27 August 2022.

(10)   Participated in the **National Level Workshop on Artificial Intelligence and Machine Learning** from 7th March to 11th March, 2022, organized by Department of Mathematics, The Assam Royal Global University, Assam.

(11)   Participated in the **5 Days Workshop on Research, Academic Writing and Latex** from 20th – 24th February, 2023, organized by Department of Mathematics, The Assam Royal Global University, Assam.

PUBLICATIONS:-

(1) **MHD free Convective flow through a porous medium past a vertical plate with ramped wall temperature** in *Applied Mathematical Sciences of Hikari Ltd., Bulgaria.*
Authors:- A.Sinha and N.Ahmed.

(2) **Thermal Diffusion effect on MHD oscillatory channel flow with slip condition and Mass Transfer** in *Journal of Rajasthan Academy of Physical Sciences.*
Authors:- A.Sinha, N.Ahmed and K.Choudhury.

(3) **Transient Mass Transfer Flow Past a Temporarily Accelerated semi-infinite Vertical Plate in presence of Chemical reaction with Ramped Wall Temperature** published in *Bulletin of Calcutta Mathematical Society.*
Authors:- A.Sinha, N.Ahmed and K.Choudhury.

(4) **Hydromagnetic Natural Convective from a Semi-infinite Vertical Porous Plate in presence of Thermal Radiation** published in *JP Journal of Heat and Mass Transfer.*
Authors:- A.Sinha and N.Ahmed.

(5) **Effect of Thermal Radiation on MHD Three Dimensional Natural Convective Couette flow in presence of Thermo Diffusion and Chemical Reaction** published in *Journal of Mathematics and Computational Science.*
Authors:- A.Sinha

DECLARATION:-

The subject matters sited above are truly specified to my knowledge.

Dr. Anuja Sinha