CURRICULUM VITAE

Shubham Kumar
H. No. 38, Indra Colony
Muzaffarnagar
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Objective:-

- To make best use of my skills and strive hard to come up to the organization's expectation.

Academic Qualification:-

EXAMINATION	DIVISION	PERCENTAGE	YEAR	BOARD/UNIVERSITY
High School	1ST	72%	2011	U. P. Board, Allahabad
Intermediate	1ST	75.8%	2013	U. P. Board, Allahabad
U. G.(Mathematics)	1ST	65%	2016	Ch. Charan Singh University, Meerut
P. G.(Mathematics)	2ND	58%	2018	Ch. Charan Singh University, Meerut
M. Phil.(Mathematics)	1ST	65%	2019	Ch. Charan Singh University, (Campus) Meerut

Higher Qualification:-

Ph.D. (Mathematics) Submitted Ch. Charan Singh University, (Campus), Meerut

Topic: Hydromagnetic Convection Fascinated by Hall current in Nanofluid

Supervisor: Prof. Jaimala, Dean of Science, Director of IBS, Ex-Dean Sir Chotu Ram Engineering College, Ch. Charan Singh University, Meerut

Technical Qualification:-

- **Polytechnic (Mechanical Engineering)** passed with **First division** from Gandhi Polytechnic Muzaffarnagar.
- One month Technical Training in **BHEL** Haridwar.
- Good knowledge of Computer Basic and Internet.
- Basic Knowledge of MATLAB and MATHMATICA Software.

Experience:-

10/10/2020 – 28/02/2022	Lecturer, Department of Applied Science, Shri Ram Group of Colleges, Muzaffarnagar
7/07/2023-Till now	Assistant Professor, Department of computer Applications, Meerut Institute of Technology ,Meerut

M. Phil. Project Tittle:-

- Thermal convection in a Newtonian Nanofluid with vertical magnetic field and Hall current.

Published Research Paper:-

1. Jaimala Bishnoi, **Shubham Kumar***, Reema Singh, "Hall current effects on a magnetic nanofluid layer under temperature", SN Applied Sciences, Vol. 21 (2021) 42452-4257. **(Scopus indexed, Web of Science) Impact Factor-2.6** 10.1007/s42452-021-04257-5
2. Jaimala Bishnoi, **Shubham Kumar***, Reshu Tyagi, "Thermal Convection of Rivlin-Ericksen Fluid Governed by the Brownian motion and Thermophoresis of Nanoparticles with Passive Behaviour of Nanoparticles at the Parallel Boundaries", Journal of Nanofluid, Vol. 12 (2023) 1-16. **(ESCI indexed)** 10.1166/jon.2023.2010
3. Jaimala Bishnoi, **Shubham Kumar***, "Hall Current induced MHD Convection of a Nanofluid Subjected to the Heat and Salt Diffusion", Fluid Dynamics, Vol. 58(5), (2023) 1–14.**(Scopus indexed, Web of Science)Impact Factor-0.729** https://link.springer.com/article/10.1134/S0015462823600530

4. Jaimala Bishnoi, **Shubham Kumar***, M.K. Sharma, "The Effect of Transverse Magnetic Field on the onset of Convection in a Nanofluid through in continuous medium". **(Accepted in Materials Today Proceedings) (Scopus indexed)**
5. Jaimala Bishnoi, **Shubham Kumar***, "Study of convection under Hall current generation in a Rivlin-Erickson Nanofluid". **(Accepted in Journal of Nanofluid) (ESCI indexed)**
6. M.K. Sharma, Jaimala Bishnoi, **Shubham Kumar**, Nitesh Dhiman, "Machine learning algorithms and applications in medical imaging processing". Machine Learning in medical Imaging and computer vision, Vol. (1), 2023 1-23. **(Scopus indexed)** http://dx.doi.org/10.1049/PBHE049E_ch1
7. M.K. Sharma, Nitesh Dhiman, **Shubham Kumar**, Lakshmi Rathor, Vishnu Naryan Sharma, "Neutrosophic Monte Carlo simulation approach for Decision making in medical diagnostic process under uncertain Environment", International Journal of Neutrosophic Science, Vol. 22(1) (2023), 8-16.**(Scopus indexed, Web of Science) Impact Factor-2.14** 10.54216/IJNS.220101
8. Diksha Malik, Tarun Kumar, **Shubham Kumar**, Ajendra Sharma, M.K. Sharma, "Machine Learning-driven Fuzzy C-means Clustering for Medical Image Segmentation", Journal of Jilin University (Engineering and Technology Edition) , Vol. 42 (2023)1-21. **(Scopus indexed)** 10.5281/zenodo.8429562
9. Rajeev Sharma, Riddhi Garg, **Shubham Kumar**, Atul Kumar Goel, M.K. Sharma "Multi criteria Group Decision Making Approach for Scheduling algorithms selection by short term scheduler using Fuzzy Topsis".**(Accepted in International Journal of Intelligent System and Applications in Engineering)**
10. Jaimala Bishnoi, **Shubham Kumar***, "Thermosolutal Stationary and Oscillatory Convection under Hall Currents of a Rivlin-Ericksen Nanofluid Confined between Horizontal Planes".**(Communicated)**
11. Jaimala Bishnoi, **Shubham Kumar***, "Interaction of Thermophoresis and Brownian motion of Nanoparticles in a Newtonian fluid under Stefan's Flow Conditions". **(Communicated)**
12. Jaimala Bishnoi, **Shubham Kumar***, "Stability analysis of a Rivilin-Eriksen nanofluid layer with constant magnetic field".**(Communicated)**

Conference/ Webinar/ Seminar:-

1. Presented the research paper entitled "**Stability Analysis of the onset of convection in an electric conducting nanofluid under magnetic field**'', in National conference held at IIMT University, Meerut (U. P.) on March 15, 2019.
2. Presented the research paper entitled "**Stability Analysis of a realistic approach on electric conducting nanofluid under magnetic field**'', in National conference held at IIMT University, Meerut (U. P.) on April 26, 2019.
3. Presented the research paper entitled "**Thermal Convection in a Nanofluid layer under constant magnetic field in the presence of Hall current with no nanoparticles flux at the Boundaries**'' in the **Young Scientist award Category** in International Conference held at CCS University Meerut (U.P.) from August 8 to 10, 2019
4. Attended a National Webinar on "**Use of Technology**" held at CCS University Meerut (U.P.) on August 10, 2021.
5. Attended an International Conference on "**Recent Advances in Solid Mechanics and Seismology**" held at Kurukshetra University, (Haryana) on October 28, 2021.
6. Presented the research paper entitled "**Double- Diffusive Convection in a Magnetic nanofluid layer in the Presence of Hall Current through a Continuous Medium**'', in International Conference held at Kuvempu University, Shivamogga (Karnataka) from October 26-28, 2021.
7. Attended a National Webinar on "**Fuzzy Logic, Optimizations and Soft Computing in Artificial Intelligence**" held at CCS University Meerut (U.P.) on Feb 12-18, 2022.
8. Attended a National Webinar on "**Optimizations: Fuzzy Logic and MATLAB**" held at CCS University Meerut (U.P.) on March 25-26, 2022.
9. Attended an International Workshop on "**Vedic Mathematics**" held at CCS University Meerut (U.P.) on August 22-28, 2022.
10. Presented the research paper entitled "**The Effect of Transverse Magnetic Field on the onset of Convection in a Nanofluid through in continuous medium**'', in International Conference held at Bundelkhand University, Jhansi from May 15-16, 2023.

Personal Details:-

Father's Name	Mr. Mahipal Singh
Date of Birth	21/11/1994
Nationality	Indian
Marital Status	Single
Language	Hindi & English

Declaration:-

I assure you, Sir if I would be given a chance to serve under your kind control, I will discharge my duties with best effort for entire your satisfaction.

Date …/……/….
Place ……..

Shubham Kumar