

Faculty Details

Name: Nehjamang Haokip

Assistant Professor

Contact: +919612391687

e-mail: mark02mm@yahoo.co.in

M.Sc. (2004), GATE (2005), CSIR-UGC JRF (2006)

Education:

- Bachelor of Science (Mathematics Honours), 2001
DM College of Science, Imphal.
- Master of Science in Mathematics, 2004
University of Hyderabad

Work Experience:

- 2007 – 2009: Science Graduate Teacher, Department of Education (S), Manipur.
- 17th Jan. 2009 – till date: Department of Mathematics, Churachandpur College.

Lectures and Courses:

- BMATH303 – Vector Analysis (20), Theory of Probability (30)
- BMATH404 – Dynamics (35), Rigid Dynamics (30)
- BMATH506 – Analysis I (Real Analysis) (100)
- BMATH606 – Metric spaces (65)

Paper publications/Accepted:

- *Some results on the stability of bi-exponential functional equations over b-metric spaces*, Journal of Global Research in Mathematical Archives, 5 (3), pp. 106 -112, 2018. N. Haokip and N. Goswami
- *Hyers-Ulam-Rassias stability of an additive functional equation in b-metric spaces*, Journal of the Assam Academy of Mathematics 8, pp. 12 – 25, 2018. N. Haokip and N. Goswami
- *F-contractive type mappings in b-metric spaces and some related fixed point results*, Fixed Point Theory and Applications 2019: 13, 2019. N. Goswami, N. Haokip and V. N. Mishra <https://doi.org/10.1186/s13663-019-0663-6>
- *Some fixed point theorems for generalized Kannan type mappings in b-metric spaces*, Proyecciones (Antofagasta. On line) 38 (4), pp. 763 – 782, 2019. N. Haokip and N. Goswami <http://dx.doi.org/10.22199/issn.0717-6279-2019-04-0050>
- *Convergence of some iterations for generalized Kannan type mappings in b-metric spaces*, New Trends in Mathematical Sciences 7 (4), pp. 453 – 464, 2019. N. Goswami, N. Haokip and Deepmala <https://dx.doi.org/10.20852/ntmsci.2019.386>
- *An extended S-iteration scheme for G-contractive type mappings in b-metric spaces with graph*, International J. Analysis and Applications 18 (1), pp. 33 – 49, 2020. N. Goswami, N. Haokip and V. N. Mishra <https://doi.org/10.28924/2291-8639>
- *Stability of additive and quadratic functional equations*, Advances in Mathematics: Scientific Journal 9 (10), pp. 8443 – 8454, 2020. N. Haokip and N. Goswami <https://doi.org/10.37418/amsj.9.10.73>
- *Iterated F-contractions in b-metric spaces*, U. P. B. Scientific Bulletin Series A 83 (1), pp. 27 – 36, 2021. N. Haokip https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rezdfc_908255.pdf
- *Common fixed point result for (α, β) -orbital-cyclic admissible triplet in extended b-metric spaces*, Thai Journal of Mathematics (In Press). N. Haokip and N. Goswami
- *On the stability of an Euler Lagrange type cubic functional equation using the fixed point method*, International Journal of Nonlinear Analysis and Applications (In Press). N. Haokip

Paper presentations in Conferences/Seminars:

- “A unique common fixed point results for Wardowski-Kannan F -contractive type mappings and convergence of a modified Jungck-Ishikawa iteration”, **National Seminar on Pure and Applied Mathematics**, Department of Mathematics, St. Mary’s College, Shillong. 19 – 20, September, 2018.
- “Fixed point approximation for generalized Chatterjea contractive type mappings in hyperbolic b -metric spaces”, **National Conference on Green, Sustainable and Evolving Sciences (GSES-2019) & 64th Annual Technical Session of Assam Science Society**, Cotton University. 28 – 29, June 2019.
- “Fixed point results for almost nonexpansive mappings in b -metric spaces”, **International Conference on Recent Advances in Mathematics and its Applications (ICRAMA-2019)**, Department of Mathematics, Tripura University. 16 – 18, July 2019.
- “On the convergence of an iteration scheme in hyperbolic metric spaces”, **International Webinar on Mathematical Analysis and its Applications (IWMAA-2021)**, Department of Mathematics, Tripura University. 8– 9, April 2019.

Other Information:

ORCID ID: <http://orcid.org/0000-0002-2307-4497>

ResearchGate: <https://www.researchgate.net/profile/Nehjamang-Haokip>