



Official Name : Bendangwapang
Qualifications : M.Sc. M.Tech
Teaching experience : 20 Years
Specialization/area of interest : Fluid Dynamics
Institutional email : bendangwapang@kscj.ac.in

PUBLICATION IN REFERRED JOURNAL

- a. **Bendangwapang** (2012): "Fractal Geometry", *Sao Chang College Journal*, ISSN 2321-2330, Vol 1 No.1 pp.14 – 22
- b. **Bendangwapang**, SamadanglaAo (2019): Portable rice thresher model compatible for rural small scale farmers, *Indian Journal of Hill Farming*, ISSN: 0970-6429, Vol. 32, pp. 295-298
- c. Konwar, H., **Bendangwapang**, & Jamir, T. (2023). Mixed convection MHD boundary layer flow, heat, and mass transfer past an exponential stretching sheet in porous medium with temperature-dependent fluid properties. *Numerical Heat Transfer, Part A: Applications*, 83(12), 1346-1364.
- d. Jamir, T., Konwar, H., & **Tzudir, B.** (2024). Soret and dufour effects on unsteady non-linear mixed convection flow past a stretching sheet influenced by non-linear thermal radiation. *Numerical Heat Transfer, Part A: Applications*, 1-19.
- e. **Tzudir, B.**, Jamir, T., & Konwar, H. (2024). Soret and Dufour effects on MHD mixed convective unsteady flow over stretching sheet with variable fluid properties and convective boundary condition. *Latin American Applied Research-An international journal*, 54(4), 507-513.

ORAL/POSTER PRESENTATIONS

INTERNATIONAL

- i. Bendangwapang (22nd September 2023): Presented “Thermal Diffusion and Diffusion Thermo effects on MHD mixed convective unsteady flow over stretching sheet with variable fluid properties and convective boundary condition” at 8th International Conference on Engineering Research and Innovation (ICERI-2023)
- ii. Bendangwapang (20th July 2024): Presented "Soret And Dufour Effects On Unsteady Non-Linear Mixed Convection Flow Past A Stretching Sheet Influenced By Non-Linear Thermal Radiation" at International Conference on Mathematical, Computational Sciences and Management (ICMACOSCMA-24)

PARTICIPATION IN CONFERENCES/SEMINARS/WORKSHOPS

- a) Course Attended (RC/OP/ STC) :
 - i) Refresher Course in Mathematics (1st to 22ndDecember, 2008) at ASC, NEHU, Shillong
 - ii) Orientation Programme (IT-Oriented) (18th July to 14thAugust, 2009) at ASC, University of Kerala, Kariavattom
 - iii) Special Winter School on Research Methodology – II (29th January to 18thFebruary, 2016) at HRDC, Gauhati University, Guwahati
 - iv) Pedagogical Training for Mathematics Teachers (PTMT) (26th to 31stMarch, 2018) at Tripura University, Agartala
 - v) Refresher Course in Basic Sciences on “Current Scenario of Innovation and Inventions in Science” (15th October to 3rdNovember, 2018) at HRDC, Rani Durgawati Vishwavidyalaya, Jabalpur, Madhya Pradesh
 - vi) Two weeks Faculty Development Program on “Managing Online Classes and Co-Creating MOOCs:2.0” (18th May to 3rdJune, 2019) by Teaching Learning Centre, Ramanujan College, University of Delhi.
 - vii) One week International Faculty Development Program on “Synergia to Revitalise Reform and Refresh Ourselves as Agents to Ensure Quality Education” (1st to 7th June, 2020) by Auxilium College, Vellore
 - viii) One week Faculty Development Program on “LaTeX” (15th to 21st June, 2020) by M.S.P.Mandal’s Vinayakrao Patil Mahavidyalaya, Vijapur, Aurangabad

- ix) Faculty Development Program on “LaTeX &Xfig” (15th to 19th June, 2020) by Calcutta Institute of Technology, Howrah in association with Spoken Tutorial, IIT Bombay
- x) E-short term training Programme on “Formal Languages and Automata Theory” (14th to 19th December, 2020) by Department of Mathematics, SRM Institute of Science and Technology, Kattankulathur, Tamilnadu
- xi) Training Workshop on “Computing Differential Equations with MATLAB” (24th to 30th November, 2021) by MTTF-Society of Computing Intelligence under the aegis of MTTF, India

b) Seminar/Workshop/Conference

- i) State level Workshop on Participatory Approaches (24th to 27th February, 2004) at ATI, Kohima
- ii) Workshop on Content Creation for “Community Information Centres” 1st to 2nd March, 2004 at ATI Kohima
- iii) Programme on Leadership & Project Management for NPIU Executives (25th to 30th April, 2005) at Management Development Institute, Gurgaon
- iv) One Day Workshop on Skill Development (22nd July, 2016) at Sao Chang College, Tuensang
- v) Three Days Workshop on Floriculture (21st to 23rd November, 2017) at Sao Chang College, Tuensang.
- vi) Regional Seminar on National Resources, Skill Manpower and Development of Northeast (30th April, 2018) at Kohima Science College, Jotsoma
- vii) Workshop on “Severe Weather Systems: Simulation and Forecasting” (22nd November, 2018) by Atmospheric Science Research Center, Department of Physics, Kohima Science College (Autonomous), Jotsoma
- viii) International Symposium on “Integrated Land Use Management in the Eastern Himalayas (Focus on Nagaland)” (12th to 14th March, 2019) by Department of Botany, Kohima Science College (Autonomous), Jotsoma

- ix) Seminar on “Government Rules and Basic Office Procedures” (2nd November, 2019) by IQAC, Kohima Science College (Autonomous), Jotsoma
- x) National Online Seminar on “Creation of MOOCs” (27th April, 2020) by IQAC, Kirti M. Doongursee College of Arts, Science and Commerce, Mumbai
- xi) Seminar on “How to Conduct Online Classes using Simple Tools” (7th May, 2020) by Goyal Brothers Prakashan and Bright Tutee
- xii) Online Training Program on “Educational Video Creation: E-Content Development” (11th to 13th May, 2020) by Toshniwal Arts, Commerce and Science College, Hingoli, Maharashtra
- xiii) Webinar on “Guidelines for Writing a Research Paper” (22nd May, 2020) by ARASU Engineering College, Thanjavur, Tamilnadu
- xiv) National Webinar on “New Horizons for E-learning in Higher Education” (14th to 15th May, 2020) by EdFly and Science and Commerce College, Sakri
- xv) National Webinar on “Software Tools: Journey from Physical to Digital” (16th May, 2020) by Vidya Prasarak Mandal's K.G. Joshi College of Arts and N.G. Bedekar College of Commerce, Thane
- xvi) International E-conference on “COVID-19 Pandemic: Issues, Challenges and Opportunities for International Trade, E-Commerce and Employment” (29th May, 2020) by Shri Asaramji Bhandwadar Arts, Commerce and Science College, Deogaon, Aurangabad
- xvii) International Webinar on “MATLAB Applications in Sciences and Engineering” (29th May, 2020) by Baba Farid College, Bathinda, Punjab
- xviii) International Webinar on “Emerging Trends in Graph Theory” (14th to 16th June, 2020) by Sacred Heart College, Tirupattur, Tamilnadu
- xix) National Webinar on “Fluid Dynamics” (23rd June, 2020) by Department of Mathematics and Statistics, Manipal University, Jaipur
- xx) Two Days National Webinar on “Fluid Dynamics” (29th to 30th June, 2020) by KGiSL Institute of Technology, Coimbatore
- xxi) Two Days National Webinar on “Mathematical Modelling and Applications” (27th to 28th July, 2020) by RMK College of Engineering and Technology, Puduvoyal

- xxii) International Webinar on “Self-care in the Time of COVID-19” (30th July, 2020) by IQAC, Kohima Science College, Jotsoma
- xxiii) 26th International Conference of IAPS (online) on “Advances in Differential Equations & Mathematical Modelling (IC-ADE-MM-2020)” (18th to 20th December, 2020) by School of Computational and Integrative Sciences, Jawaharlal Nehru University, New Delhi, India
- xxiv) National Webinar on “Applications of Graph Theory” (30th December, 2020) by K.S. Rangasamy College of Arts and Science, Tiruchengode
- xxv) 2-Day State level Training in Mathematics (15th to 16th April, 2021) by Department of Mathematics, Kohima Science College, Jotsoma.
- xxvi) One Day Seminar on “Higher Education Service Rule with special reference to API, Research writing & CBCS” (10th November, 2021) by IQAC, Kohima Science College, Jotsoma.
- xxvii) International Training Workshop on “Computational Special Functions and their Applications” (5th to 7th April, 2022) by MTTF, India
- xxviii) One Day State Level Seminar on “Knowing your Learners and Achieving Optimum Effectiveness in the Classroom” (12th May 2022) by IQAC, Kohima Science College, Jotsoma
- xxix) One Day Workshop on “Constructive Approach: Innovative Course Planning for Effective Teaching-Learning” (7th December 2022) by IQAC, Kohima Science College, Jotsoma
- xxx) State level Workshop on “Students’ Assessment and Evaluation” (2nd September 2023) by IQAC, Kohima Science College, Jotsoma

PROJECTS

- a) “Compatible technology for small scale agriculture in Nagaland”, 2018, funded by Department of Science & Technology, Kohima, Nagaland. (Completed).
- b) “Study of Mixed Convective Boundary Layer Flow, Heat and Mass Transfer in a Binary Fluid Mixture”, 2022, funded by Directorate of Higher Education, Nagaland, Kohima. (Completed)

MEMBERSHIPS IN PROFESSIONAL/ACADEMIC BODIES

- a) Member, BOS, Department of Mathematics, Kohima Science College.
- b) Lifetime Member MTTF (MathTech Thinking Foundation)