

Department of Teacher Education

Teacher Profile

Name: Dr. BANANI MOHANTY

Designation: Asst. Prof (TE) in Mathematics

Date of Birth: 19.06.1982

Highest Qualification: M.Sc., M.Phil., Ph.D. (Mathematics), B.Ed., M.A. (Education)

Date of Appointment: 27.06.2022

Contact No.: 8895079809

Teaching Experience: 19 yrs

Superannuation: 30.06.2042

Publication

Sl. No	Details of Publication
1	Perception of Students on Diversity Campus Climate in Higher Education Institutions, Interdisciplinary Journal of Contemporary Research, 2023
2	Application of cooling processes for the impact of variable thermal conductivity on the MHD flow of kerosene-based nanofluid, International Journal of Modern Physics B, 2023, 2450121. SCOPUS
3	Analysis of elasticity on the flow of blood through the transient permeable channel with an interaction of radiation, Waves in Random and Complex Media: TAYLOR AND FRANCIS, 2022, SCOPUS
4	Analysis of entropy on the peristaltic transport of micropolar nanofluid: a simulation obtained using approximate analytical technique, Eur. Phys. J. Plus (2021) 136:1139. SCOPUS
5	Peristaltic flow of electrically conducting nanofluid under the action of Joule and radiative heat within an asymmetric microchannel, Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems, 2023, 237(1-2), 59–69. SCOPUS
6	Analysis of entropy on the peristaltic transport of micropolar nanofluid: a simulation obtained using approximate analytical technique, Eur. Phys. J. Plus (2021) 136:1139. SCOPUS
7	Exploration of radiative heat energy on the peristaltic blood flow of a nanofluid in conjunction with a heat source, Heat Transfer, 2021, 50(7), 7176-7194. SCOPUS
8	Heat and mass transfer flow over a stretching surface with Ohmic heating and chemical reaction, Heat Transfer, 49(6) (2020), 3837-3853. SCOPUS
9	Heat transfer effect on MHD flow of a micropolar fluid through porous medium with uniform heat source and radiation, Nonlinear Engineering, 2019, (8) 65–73. SCOPUS

10	Numerical investigation on heat and mass transfer effect of micropolar fluid over a stretching sheet through porous media, Alexandria Engineering Journal (2015) 54, 223–232. SCOPUS
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Seminar/ Conference/ Workshop

Sl. No	Details of Seminar/ Conference/ Workshop
1	Participated in the Workshop on "Integration of Health and Well Being in Pre Service Teacher Education Curriculum" jointly organised by Regional Institute of Education, NCERT, Bhubaneswar and UNESCO, Regional Office for South Asia held from 29th to 31st October, 2025
2	Presented a paper entitled "Preparing teachers for competency based and commitment oriented teaching learning process at elementary level: issues and innovations" in a national level seminar at College of Teacher Education, Balasore on 22nd February 2025
3	Presented paper in national seminar on "Education and Women Empowerment" organized by Sailabala Women's Autonomous College (Dept. of Teacher Education and IQAC)
4	Paper presented in International conference "Navigating Inclusive Education: Bridging the divide and empowering every learner" on 19.01.2024 and 20.01.2024
5	Workshop on the occasion of a Shikshak Parva on the topic "NEP 2020: Changing Role of Teachers"
6	Two Days National Workshop jointly organised by Commonwealth media center of Asia, Commonwealth of learning and Regional Institute of Education (NCERT), Bhubaneswar
7	Paper Presented in an International Seminar on Sample Distribution and Estimation according to Mean and Variance ITER, Siksha 'o' Anusandhan University, Bhubaneswar, 25/10/2019
8	Paper Presented in an International Seminar on MHD flow and heat transfer through a stretching sheet in a porous medium with thermal radiation, variable thickness and thermal conductivity using DTM, SIKSHA 'O' ANUSANDHAN UNIVERSITY, BHUBANESWAR, 22/07/2019
9	Paper Presented in National Seminar on MHD flow of a viscoelastic fluid through non homogeneous porous medium with oscillatory suction and heat source/sink. VYASANAGAR AUTONOMOUS COLLEGE, JAJPUR, 07/02/2015
10	National Paper Presented in Seminar on Effect of radiation on MHD heat transfer flow of a micropolar fluid through porous medium with uniform heat source, INDUS college of Engineering, Bhubaneswar, 17/01/2016
11	International Paper Presented in Seminar on Numerical investigation of Heat transfer effect on MHD flow of two types of visco-elastic fluid over a stretching sheet

	through porous media, KIIT University, 04/01/2014
12	Invited Lecture on Negative Binomial Distribution, Sushilabati Women's College, Rourkela, Odisha, 24/11/2023

FDP/ FIP/ Refresher/ Orientation Program

Sl. No	Details of Program
1	Refresher course Refresher Course in Innovations through Mathematics: Practical Insights and Applications (online) conducted by the UGC MMTTC, UOR, Jaipur from 01.12.2025 to 13.12.2025
2	Faculty Development Programme on Inculcation of Values in Higher Education organized by Sri Sathya Sai University of Human Excellence, Kalaburagi, in collaboration with Inter University Centre for Teacher Education, Banaras Hindu University, held from 9th to 14th June, 2025
3	Professional Development Programme on Integration of Generative AI, Interactive e Content, and Advanced Technologies in Online Courses organized by the National Institute of Educational Planning and Administration (NIEPA), New Delhi During May 12-17, 2025.
4	Capacity Building Programme on e Content Development at RIE , BBSR from 23.09.2024 to 27.09.2024
5	NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM TTP) of University Grants Commission (UGC) Organized by Malaviya Mission Teacher Training Centre, Utkal University, Bhubaneswar from 6th May 2024 to 18th May2024
6	"GURU DAKSHTA: 16th Faculty Induction Programme (FIP)" from January 22, 2024 to February 18, 2024
7	Attended 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 23 May-21 June, 2023
8	Refresher course under MMTTC Teaching learning center, Ramanujan college, University of Delhi from 29 April-13 May, 2023