



# Dr. Gopinath Mandal

Assistant Lecturer of Mathematics

PhD in Mathematics from the Visva-Bharati (A Central University), India. Published more than 50 research papers and two book chapters in reputed international journals having high impact factors. Google Scholar says the H index is 20, and the I 10 index is 38.

Link:

ORCID ID: 0000-0002-1852-0608

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Vidwan ID: 158778

Google Scholar link: [https://scholar.google.co.in/citations?hl=en&user=BBFaYdoAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.co.in/citations?hl=en&user=BBFaYdoAAAAJ&view_op=list_works&sortby=pubdate)

Research Gate link:

[https://www.researchgate.net/profile/Gopinath-Mandal?ev=hdr\\_xprf](https://www.researchgate.net/profile/Gopinath-Mandal?ev=hdr_xprf)

## Work Experience

**Assistant Professor (Gr-II) in Mathematics, National Institute of Technology (NIT), Raipur, Chhattisgarh**

2021 - 2022

**Assistant Teacher (Post Graduate), School Education Dept., Govt. of West Bengal, Murshidabad**

2009 - 2013

**Supervisor of Self Help Groups, Govt. of West Bengal , Suri, Birbhum**

2009 - 2009

## Education

**Madhyamick, Jamalpur High School, Birbhum (1st division with Star Marks)**

2000

**Higher Secondary, Mallarpur High School (1st division with Star Marks)**

2002

**B.Sc. (Honours) in Mathematics, Visva-Bharati (A Central University), WB (1st Class)**

2006

**M.Sc. in Pure Mathematics, Visva-Bharati (A Central University),WB (1st Class)**

2008

**Bachelor of Education (B.Ed.), Visva-Bharati (A Central University), WB (1st Class)**

2009

## Personal Info

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Nationality  
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## Links

[Orcid Id](#)

[Scopus Id](#)

[Google Scholar](#)

[Research Gate](#)

[Vidwan Id](#)

Ph.D. in Mathematics, Visva-Bharati (A Central University), WB  
(Title "Heat Transfer Characteristic for Boundary Layer Flow of  
nanofluids")

2015

M.A. in Education, Netaji Subhas Open University, WB (1st class)

2022

#### Achievements

1. Qualified CSIR-NET (Council of Scientific and Industrial Research - National Eligibility Test) in Mathematics.
2. Qualified Regional Level Selection Test (RLST) conducted by the West Bengal School Service Commission (WBSSC) in 2008.
3. Qualified Graduate Aptitude Test in Engineering (GATE) in Mathematics, conducted by the Indian Institutes of Technology (IIT) in 2011.
4. Qualified State Teacher Eligibility Test (WBTE) conducted by the West Bengal Senior Education Service Commission (WBSSC) in 2012.
5. Qualified UGC-NET (University Grants Commission - National Eligibility Test) in Education.

#### Area of Specialisation/ Research Areas

Pure mathematics (Complex Analysis, Functional Analysis); Heat and mass transfer in boundary layer flow of Nanofluids; Thermal Radiation, Magnetohydrodynamics, Micropolar fluid, Mono Nanofluids, Hybrid Nanofluids, Ternary Hybrid Nanofluids flows over Stretching / Shrinking Surface/Disc or Stenotic Artery, and Heat and Mass transfer of Non-Newtonian/ Newtonian fluids with Stability analysis By RKFM method, Spectral Quasilinearization approach, BVP-4c in MATLAB, and Artificial neural network (ANN) Prediction method

#### Workshop & Conference Participation

Participated and presented a paper in Recent Perspectives on Nonlinear Mathematics and its Applications (RPNMA-2014) in Department of Mathematics, Siksha Bhavana, Visva-Bharati (25-26 March, 2014)

Participated and presented a paper in National Conference on Computational Mathematics and Nonlinear Dynamics (CMND-2016) (19-21 February, 2016) in the Department of Mathematics, VISVA-BHARATI, Santiniketan, WB

Participated in "Interactions: Rabindranath Tagore and Local/Global personalities" organized by RabindraBhavana, Visva-Bhavana, at Lipika Auditorium, Santiniketan, on 21st 24th March, 2014.

Participated in Two day national workshop Activity Based Teaching & Learning: Innovative Primary Education Initiatives 4th & 5th August, 2016 organised by Department of Education Vinaya-Bhavana (Institute of Education) VISVA-BHARATI, Santiniketan