

CURRICULUM VITAE

Dr. Pratibha Mishra

LIG/25 DAYANAND VIHAR PHASE -1 INDIRA NAGAR

KANPUR : 208026

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CAREER OBJECTIVE

Secure a challenging role in an organization, which offers me opportunity to continuously learn and involve myself not as a better professional but also a better individual.

EDUCATIONAL QUALIFICATION

- Ph.D. (Mathematics) from C.S.J.M.University, Kanpur in year 2011.
- Post-Graduation (M.Sc. Mathematics) from C.S.J.M. University, Kanpur in year 2003 with 1st Div. marks.
- Graduation (B.Sc.) from C.S.J.M. University, Kanpur in year 2001 with 1st Div. marks.
- Intermediate from U.P Board in year 1998 with 1st Div. marks.
- High school from U.P Board in year 1995 with 1st Div. marks.

PROFESSIONAL EXPERIENCE

- **Total Teaching Experience 11 years.**
- **Lecturer (Mathematics) in HBTU, Kanpur from 2020**
- **Associate Professor (Mathematics) in Kanpur Institute of Technology from 2019-2020**
- **Lecturer (Mathematics) in HBTU, Kanpur from 2013-2018.**
- Worked as an Assistant professor(Mathematics) in Axis institute of Technology and Management, Kanpur from **Jan 2012 –Jan 2013**
- Worked as a Lecturer (Mathematics)in Krishna Institute of Technology, Kanpur from **Sep. 2010-Jan 2012**
- Worked as a Lecturer (Mathematics) in Rama Institute of Technology, Kanpur from **Aug. 2009-Sep 2010**

Research Papers Published In International Journals

1. Effect of electric load parameter on unsteady MHD convective flow of viscous immiscible liquids in a horizontal channel: Two phase model.
(**Journal of Porous Media, University of California, Riverside, 2010, Vol. 13, pp. 439-455**)
2. Transient and non-Darcian effects on natural convection flow in a vertical channel partially filled with porous medium; Analysis with Forchheimer- Brinkman extended Darcy model.
(**International Journal of Heat and Mass Transfer, 2011, Vol. 54, pp. 1111-1120**).

3. Unsteady free convection and mass transfer flow in stagnation – point region of a three - dimensional body; use of Homotopy Analysis method.
(Computational Thermal Science, 2010, Vol. 2, pp. 501-514).
4. Effects of thermophoresis on hydro magnetic mixed convection and mass transfer flow past a vertical permeable plate with variable suction and thermal radiation.
(Communications in Nonlinear Sciences and Numerical Simulation, 2011, Vol. 16, pp. 2519-2534).
5. Transient hydro magnetic radiative convection flow of a micro polar fluid past a moving semi-infinite vertical porous plate.
(Journal of Ultra Scientist of Physical Sciences, 2017, Vol.29(6), pp.132-141)
6. Effect of non- uniform heat source and radiation on unsteady MHD free convection flow past an infinite heated vertical plate in porous medium.
(E-Journal Matematika, 2020, Vol.9(4), pp. 219-228)

National & International Conferences/Seminar/Workshop/FDP:

1. **Organizing Secretary** of four days online Short Term Training Program on “Data Analysis with Python Libraries” in the Department of Mathematics at HBTU, Kanpur on 25th -26th Oct. and 29th -30th Oct. 2021.
2. **Organizing Secretary** of a three days online National Workshop “R- Programming for Statistical Analysis” in the Department of Mathematics at HBTU, Kanpur on 8th -10th Nov. 2021.
3. **Organizing Secretary** of a One day online National Workshop “Gender Sensitization & Prevention of Sexual harassment at Workplace” in the Department of Mathematics at HBTU, Kanpur on 12th Nov. 2021.
4. **Organizing Secretary** of a three days online Workshop “Python Programming for Data Sciences” in the Department of Mathematics at HBTU, Kanpur on 20th -22th Oct. 2021.
5. **Co-coordinator** of a Webinar “Modelling & Simulation” in the memory of Srinivasan Ramanujan” in the Department of Mathematics at HBTU, Kanpur on 22nd Dec. 2020.
6. **Organizing Secretary** of a Webinar “Applications of Mathematical Modelling in Sciences, Engineering & Technology” in the Department of Mathematics at HBTU, Kanpur on 9th Oct. 2021.
7. **Presented** a research paper, entitled “Effects of Non-Uniform Heat Source & Radiation on Unsteady Magneto- Hydro Dynamic Free Convection Flow” in the National Conference on Computing, Communication, Control, Informatics & Pharmaceutical Sciences held at Kanpur Institute of Technology, Kanpur during March 06-07 ,2020
8. **Attended** “National Conference on Current Advances in Science& Technology” in the Department of Applied Sciences & Humanities at Rama University, Kanpur, U.P. on 19 March 2016.
9. **Attended** “National Seminar in Mathematics on Mathematics & its Application to Industries” in the Department of Mathematics D.B.S (P.G) College, Kanpur(U.P) on 31 Jan - 01 Feb., 2009.
10. **Attended** “Workshop on Matlab Programming and its Applications” in the Department of Electrical Engineering of H.B.T.U., Kanpur during 25-26 February, 2015.

11. **Attended** “Workshop on Human Values And Professional Ethics” Organized by TEQIP III, HBTU, Kanpur, during July 27-29, 2018 at HBTU, Kanpur.
12. **Attended** Faculty Knowledge Sharing Program on “Innovation in Teaching and learning approaches” at Kanpur Institute of Technology, Kanpur on 17 August, 2019.

Specialization in Teaching:

1. Engineering Mathematics
2. Advanced Engineering Mathematics
3. Computer Based Optimization Techniques
4. Computational Linear Algebra
5. Operations Research
6. Business Statistics
7. Computer Oriented Numerical Methods

COMPUTER AWARENESS

Having good knowledge of Computer basics.

PERSONAL DETAILS

- Father’s Name : Late Bhuvnesh Bhushan Agnihotri
- Date of Birth : 01 June 1981
- Sex : Female
- Nationality : Indian
- Marital Status : Married
- Language known : Hindi & English
- Hobbies : Reading books & listening music

STRENGTH

Flexibility & Positive thinking

DECLARATION

I will try my best to prove myself and to come up to your expectations. I hereby declare that the above mentioned information is true to the best of my knowledge.

DATE :

PLACE : KANPUR

(PRATIBHA MISHRA)