

Dr. P. M. PATIL

Professor & Chairman

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Dr. P. M. Patil obtained his B.Sc. (1982), M.Sc. (1984) and Ph.D. (1996) degrees from the Karnatak University, Dharwad. Dr. Patil began his teaching career at BLDEA's BHS Arts and TGP Science College, Jamakhandi in 1986 and there he served till 1993. Later, Dr. Patil moved on to JSS College, Vidyagiri, Dharwad, and served there till October 2013. Currently, Dr. Patil is working in the P. G. Department of Mathematics, Karnatak University, Dharwad as a Professor.

No. of Publications: **63**

Citations: **501**

H-index: **13**

I-10 index: **17**

Research Projects: **04**

Ph.D. Guided: **02**

M.Phil. Guided: **01**

Awards and Academic Distinctions:

- Dr. Patil has worked as a **Visiting Scientist** from March 1998 to June 1998 at UGC-DSA Centre in Fluid Mechanics, Department of Mathematics, Bangalore University, Bengaluru.
- Dr. Patil was awarded prestigious **Commonwealth Academic Fellowship (2011-12)** tenable at Department of Mechanical Engineering, University of Bath, United Kingdom, for the period of Six months from November 2011 to April 2012.
- Dr. Patil has received **Best Research Publication Award** with citation from the Vision Group on Science and Technology, Government of Karnataka.
- Visited **Canada to attend 7th ICIAM – 2011** held at **Vancouver** from July 11 – 16, 2011 entire trip was sponsored by University Grants Commission, New Delhi, Govt. of India.
- Visited **China to attend 8th ICIAM – 2015** held at **Beijing** from August 10 – 14, 2015 entire trip was sponsored by NBHM (National Board for Higher Mathematics), Department of Atomic Energy, Govt. of India under Senior Mathematicians Category.
- Visited Dr. D. Andrew S. Rees, Department of Mechanical Engineering, University of Bath, **United Kingdom**, from 01-09-2016 to 01-10-2016 on invitation for collaborative research.
- Visited School of Computer Science and Applied Mathematics, The University of Witwatersrand, Johannesburg, South Africa from 14-08-2017 to 19-08-2017 as **Visiting Researcher**.

Research Interests:

Dr. Patil's research work is interdisciplinary in nature and covers various aspects of **Convective Heat and Mass transfer** and **Computational Fluid Dynamics**. Dr. Patil has been visiting many research institutions for collaborative research such as IIT Chennai, IISc Bangalore, TIFR-CAM Bangalore, IIT Bombay, etc. Five of his recent research papers are listed below:

1. **P. M. Patil**, Monisha Roy, A. Shashikant, S. Roy and E. Momoniat (2018): Triple diffusive mixed convection from an exponentially decreasing mainstream velocity: **International Journal of Heat and Mass Transfer 124: 298-306** [Elsevier, ISSN: 0017 - 9310, IF (2016): 3.458].
2. **P. M. Patil**, Monisha Roy, S. Roy and E. Momoniat (2018): Triple diffusive mixed convection along a vertically moving surface: **International Journal of Heat and Mass Transfer 117: 287-295** [Elsevier, ISSN: 0017 - 9310, IF (2016): 3.458].
3. **P. M. Patil**, D. N. Latha, S. Roy, E. Momoniat (2017): Double diffusive mixed convection flow from a vertical exponentially stretching surface in presence of viscous dissipation: **International Journal of Heat and Mass Transfer 112: 758-766** [Elsevier, ISSN: 0017 - 9310, IF (2016): 3.458].
4. **P. M. Patil**, A. Shashikant, S. Roy, and E. Momoniat (2017): Unsteady mixed convection over an exponentially decreasing external flow velocity: **International Journal of Heat and Mass Transfer 111: 643 - 650** [Elsevier, ISSN: 0017 - 9310, IF (2016): 3.458].
5. **P. M. Patil**, H. S. Ramane, S. Roy, Vijaykumar Hindasageri, E. Momoniat (2017): Influence of mixed convection in an exponentially decreasing external flow velocity: **International Journal of Heat and Mass Transfer 104: 392–399** [Elsevier, ISSN: 0017 - 9310, IF (2016): 3.458].