

Name : Dr. P. Pradhan

Designation : Reader, HOD

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Total Salary : 51845=00

Working Experience : (a) Teaching: 29 years
(b) Research: 23 years

Qualification : 1. M.A. (1976)
2. Ph.D. (1987)

Research Area : Mathematical Modeling, Graph Theory, Differential Manifold

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Paper Published : 10

RESEARCH PUBLICATIONS NATIONAL / INTERNATIONAL JOURNALS

- 1.** Ramesh Chand and Prabhakar Pradhan: “Astronomical Constant”, Journal of Natural and Physical Sciences, Vol. 15(1-2), (2001) 9-14, ISSN 097-3799.
- 2.** A. Kumar, V. Arora and Prabhakar Pradhan :” Three Dimensional for Primary Pollutants”, Journal of Natural and Physical Sciences, Vol. 19(1), (2005) 91-98, ISSN 097-3799.
- 3.** Prabhakar Pradhan and Girish Sharma: “Some Queuing Theoratic Solution Methods for Parallel and Distributed System”, Acta Ciencia Indica Vol. XXXIM No. – 3911(2005).
- 4.** Sarita, V. K. Katiyar, P. Pradhan : “The Mathematical Modelling for Pranic Body”, JOY: The Journal of Yoga, Summer 2008, Volume 7, No. 2, ISSN : 1541-5910 OCLC: 60630085.

5. Ruchi Agarwal, V. K. Katiyar, Prabhakar Pradhan : “A Mathematical Modelling of Pulsatile Flow in Carotid Artery Bifurcation”, International Journal of Engineering Science 46 (2008), ISSN : 1147-1156 .
6. Ruchi Agarwal, V. K. Katiyar, Prabhakar Pradhan : “Finite Element Simulation of Cardiac Output and Pressure Waveform in Carotid Artery”, Canadian Journal of Pure and Applied Science, Vol. 2, No. 1, pp. 197-203, 2008, ISSN : 7515-9997.
7. P. Pradhan, Parul Chaddha and H.G. Sharma: “Flow of an Elastico-Viscous Record Grade Fluid Between Two Infinite Rotating Discs With Suction” International Journal of Engineering and Industrial Applications, Vol. 2, No. VIII, pp. 131-143, 2009, ISSN: 0974-1518.
8. P. Pradhan, Parul Chaddha and H.G. Sharma: “Flow of an Elastico-Viscous Record Grade Fluid Between Two Infinite Rotating Discs With Suction and Injection”, International Transactions in Applied Sciences, Vol. 1, No. 2, pp. 163-173, June 2009, ISSN: 0974-7273.
9. Sarita, V.K. Katiyar and P. Pradhan : “The Transport of Oxygen During Pranayama in the Respiratory Tree by the Alveolar Amplitude Response Technique using the Numerical Methods ” International Transaction in Applied Sciences, Vol. 1, No. 3, pp. 379-390, July-September 2009, ISSN : 0974-7272.
10. Ajay Kumar, P. Pradhan and Debdas Mishra, “Larger Graceful Graphs from Smaller Graceful Trees” in the Proceeding of International conference of “Challenges and Applications of Mathematics in Science and Technology (CAMIST)” held at NIT Rourkela, 11-13 January 2010, pp. 39-46, ISBN: 023-032-875-X.

Books Authored : Nil

**CONFERENCE AND COURSE ATTENDED AND PRESENTED
RESEARCH PAPERS**

1. "Stability of Iterative Procedure for Banach Type Operators", 64th Annual Conference of Indian Mathematical Society, held at Department of Mathematics and Statistics, Science College, G. K. V. Haridwar, Dec 19-22, 1998 .
2. Attended the International Instructional Workshop on Wavelets and Applications held Department of Mathematics, University of Delhi, Aug 16-27, 1998.
3. "Astronomical Constants", International Conference on History of Mathematics held at Department of Mathematics and Statistics, Science College, G. K. V. Haridwar, Dec 16-19, 1999.
4. Attended National Seminar on History of Mathematical Sciences & Applicable Mathematics held at Department of Mathematics and Statistics, Science College, G. K. V. Haridwar, March 7- 9, 2003.
5. "Concept of Ancient Time and Mahayuga", National Meet on History of Mathematical Sciences held at Department of Mathematics, University of Delhi, Jan 7-9, 2010.