

Dr.T. Mandal

1. Gender-MALE

2. D.O.B-14.2.75

3. COUNTRY-INDIA

4. INSTITUTE. NATIONAL INSTITUTE OF TECHNOLOGY, JAMSHEDPUR

5. SCIENTIFIC DEGREE. Ph.D

6. CONTACT INFORMATION. . NATIONAL INSTITUTE OF TECHNOLOGY, JAMSHEDPUR

DEPARTMENT OF MATHEMATICS,

ADITYPUR, INDIA

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Area of Research Interest :

- Operations Research
- Fractional Functional Programming Problem.

Membership in Professional Bodies :

- Member of ISTE.
- Member of International Academy of Physical Sciences

Publications :

- T. Mandal et. al. "The Generalised Reduced Gradient Techniques for Linear Fractional Programming Problems", ACTA Ciencia Indica, Vol. XXVI M, No.3, 271 (2000).
- T. Mandal et. al. "A Variable Reduction Method For Fractional Quadratic Programming Problem", Published in Ranchi University Mathematical Journal, Vol. 32 (2001) (ISSN 0079- 9602) Released in January, 2004.
- T. Mandal et. al. "Applications of Genetic Algorithms for Solving Multilevel Fractional Programming Problems" Turkish Journal of Fuzzy Systems (e1SSN:1309-1190), Vol No.1. 2010
- B Mondal, T Mandal, S Kumar, KM Acharjee "A Novel (k, n) Secret key sharing scheme based on Linear Equations" International Journal of Engineering Research & Technology 2 (10), 1679-1682
- B Mondal, T Mandal, "A Multilevel Security Scheme Using Chaos Based Encryption And Steganography For Secure Audio Communication", International Journal of Research in Engineering and Technology, Volume-02 Issue-10.

International Conference Papers :

1. Mathematical Calculation of Effects on Tool Setting on Tool Cutting Angle", International Multi Conference of Engineers and Computer Scientists 2008, 19-21 March, 2008, Hong Kong
2. "Interactive Fuzzy Programming Approach in Decision Making", International Conference on CAMIST, NIT Rourkela; 11-13, Jan. 2010
3. "Probability Distribution & its Applications with Expression", 11th International Conference of the Int. Academic of Physical Sciences, University of Allahabad; 20-22, Feb. 2010
4. "Application of Genetic Algorithms for Solving Multilevel Fractional Programming Problems", Int. Conf. on ORSI-2010-ORURD Madurai, India, 15-17, Dec. 2010
5. "Reduced Multi Objective Linear Fractional Programming Problem", 15th Int. Conf. of International Academy Physical Sciences (CONIAPS XV), at Rajamangala University of Technology Thanyaburi, Thailand; 9-13, Dec.2012

National Conference Papers :

1. Operation Research XXX annual conventions from 22nd to 24th December 1997 at Jamshedpur.
2. Applicable Mathematics Past and Present (AMPP 2001) IIT Kharagpur from Match 24th to 26th 2001.

3. Modeling and Simulation in Heat Transfer and Fluid Flow from July 09-10, 2010, at N.I.T. Jamshedpur

Experience :

- Assistant Professor at National Institute of Technology Jamshedpur since 26-03-1996.
- Adhoc Lecturer at Jamshedpur Cooperative College Jamshedpur from 18-11-1983 to 25-03-1996; 13 Years 4 month. .
- Lecturer at R.L.S.Y.College, Jhumri Tilaiya from 10-09-1981 to 18-10-1983; 2 Years 1 Month.

NCP :

- Operation Research XXX annual conventions from 22nd to 24th December 1997 at Jamshedpur.
- Applicable Mathematics Past and Present (AMPP 2001) IIT Kharagpur from Match 24th to 26th 2001.
- Modeling and Simulation in Heat Transfer and Fluid Flow from July 09-10, 2010, at N.I.T. Jamshedpur

Academics/ Administr :

- Head, Computer Centre, N.I.T. Jamshedpur. (13-05-2013 continuing)
- Co-ordinator, Computer Centre, N.I.T. Jamshedpur. (27-01-2009 to 12-05-2013)
- Member, Board of Governors, N.I.T. Jamshedpur. (2 Years, w.e.f. 29-11-2011)
- Head, Computer Centre, N.I.T. Jamshedpur (07-07-2008 to 26-01-2009)
- P/I, Student Council Centre, N.I.T. Jamshedpur. (since 28-01-2010)
- Member, Website Committee of the Institute. (since 05-02-2010)
- Member, DSC of various Departments.
- Member, Convener, UG Admission Committee – 2011.
- Member & Nodal Officer, Institute Level Committee for NMEICT, N.I.T. Jamshedpur (since 05-10-2010)
- Member, UG Admission Committee – 2010.
- Member, MCA Admission Committee – 2010-11.
- Member, UG Admission Committee – 2009.
- Member (Nominated), Unfair means Committee of the Institute. (Since 26-10-2010)
- Member, Board of Studies for MCA Program.
- Ex-members of vehicle committee in R.I.T., Jamshedpur (Presently, N.I.T., Jamshedpur)
- Tabulation work of engineering in third year (all branches) in R.I.T., Jamshedpur (Presently, N.I.T., Jamshedpur)
- Appointed as a committee member for procurement and installation of LAN in the Hostels in N.I.T. Jamshedpur.
- Appointed as a member of UG Admission Committee for the session 2007-2008 in N.I.T. Jamshedpur.
- Chairman of Departmental Purchase Committee (Mathematics Department)
- Warden of Hall of Residence in N.I.T. Jamshedpur (30-9-2005- 06-07-2008).
- Assitt. Warden of hostel in R.I.T., Jamshedpur (1996-2004)
- Member, for Preparation of Identity Cards for Institute Employee (2004).