

FACULTY PROFILE



Name: JYOTIRANJAN NAYAK

Designation: Associate Professor

Teaching areas: Operations Research, Engineering Mathematics.

Research interests: Optimization theory, Fuzzy Set Theory

Education:

- Ph.D from Utkal University, Bhubaneswar (2005)
- M.Phil. Berhampur University ,Odisha,1991
- M.Sc: Berhampur University ,Odisha, 1998

Professional experience: 27 years

1. 2017-till date, Associate Professor, IFHE, Hyderabad, Telangana.
2. 2011-2016 , Associate Professor, ITER,SOA University, Bhubaneswar
3. 2009-2011, Principal, GATE, Berhampur
4. 2004-2009, Sr. Lecturer and Asst. Professor, ITER, Bhubaneswar
5. 1990-2004, Lecturer, Orissa Engineering College, Bhubaneswar.

Research/Selected Publications:

1. J.R.Nayak,S.K.Behera,P.K.Sahoo, Solution of Fuzzy Transportation Problem by Using Ranking Function, Advanced Science Letters,Volume 22, Number 2, 564-566, American Scientific Publishers (2016).
2. S.K.Behera, J.R.Nayak, Optimality Criteria for Fuzzy Pseudo Convex Functions, Indian Journal of Science and Technology,Vol 7(7), 986–990,(2014).
3. S.Mishra,J.R.Nayak, A Parametric Approach to Non-Convex Optimal Control Problem, American Journal of Operations Research,(2014),
4. B.Sunita Mishra, J.R.Nayak, Duality Theorems for k-convex Functions, J. Math. Comput. Sci. 3, No. 5, ,1295-1305(2013)
5. S.K.Behera, J.R.Nayak, Optimal Solution of Fuzzy Nonlinear Programming Problems with Linear Constraints, International Journal of Advances in Science and Technology,Vol. 4, No.2, PP 43-52, (2012).
6. S.K.Behera, J.R.Nayak,Solution of Multi-objective Mathematical Programming Problems in Fuzzy Approach, International Journal on Computer Science and Engineering , Vol .3, No 12, PP No. 3790-3799,(2011).