

FACULTY PROFILE



Name: DR. JYOTIRANJANNAYAK

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, 1988

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, 4, 53-58, (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, 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, 3790-3799, (2011).