

Profile

Name of the Faculty	Dr. B S Surya Prabhavati	
Designation	Assistant Professor	
Department	Freshman Engineering	
Area of Interest	Operations Research	
Subjects Taught	BEM, MVC, Mathematics I, M II, M III, Probability and Statistics, QABD	
JNTUH Registration Id	15150404121824	
College Staff Code	SC 1845	
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Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	Ph.D	Operations Research	JNTUK, Kakianda	2023
2	M.Sc	Applied Mathematics	Ideal college of arts and sciences	2010
3	B.Sc	MPC	Pragati degree college	2008
4	Intermediate	MPC	Ravi junior college	2005
5	SSC	SSC	MGM High school	2003

Publications Details :

S. No.	Publication details
1.	Surya Prabhavati, B.S., Ravindranath, V. (2020) ‘A New Approach for Finding a Better Initial Feasible Solution to Balanced or Unbalanced Transportation Problems’, In: Dutta D., Mahanty B. (eds) Numerical Optimization in Engineering and Sciences. Advances in Intelligent Systems and Computing, Vol. 979, pp. 359-369. Springer, Singapore. ISSN No. 2194-5365
2.	Surya Prabhavati, B.S., Ravindranath, V. (2022) ‘A simple and efficient method to solve fully interval and fuzzy transportation problems’, Int. J. Mathematics in Operational Research, Inderscience Enterprises Ltd, Vol. 23(4), pp. 545-567. ISSN No. 1757-5869
3.	Surya Prabhavati, B.S., Ravindranath, V. (2022) ‘ A simple method to find optimum efficient basic solutions to bi objective transportation problems’ , i-manager’s Journal on Mathematics, Vol. 11, No. 1. pp. 1-11. ISSN No. 2277-5137
4.	Surya Prabhavati, B.S., Ravindranath, V. (2024) ‘New approach to solve fuzzy transportation problem with pentagonal fuzzy costs through interval transportation problem’ YMER. VOLUME 23 : ISSUE 05 (May). ISSN No. 0044-0477
5	Patent published_ “ ONE TOUCH AI POWERED WOMEN SAFETY & AWARENESS SYSTEM ” on 21/3/2025. Placed in 3 rd author position in the patent.

Experience:

Teaching	13 years
Industry	-
Research	-
Total Experience	13 years

