Profile

Name of the Faculty	Vemula Suseela Triveni
Designation	Professor
Department	Freshman Engineering
Area of Interest	Operations Research,Statistics
Subjects Taught	M-I,M-II, ,Mathematical Methods, CV,P&S,OR,Statistics for Machine Learning
JNTUH Registration Id	01150401-134903
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Photo V.S. Triveni

Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	Ph.D	Operations Research	Ch.Charan Singh University.Meerut.	2013
2	M.phil	Mathematics	S.V.University.Tirupati.	1997
3	M.Sc	Mathematics	S.K.University.Ananthapur.	1995
4	B.Sc	M.P.E	S.V.University.Tirupati.	1993
5	Inter		Board of intermediate education.	1990
6	S.S.C		Senior secondary board.	1988
7	P.G.D.C.A	Computer science	S.K.University.Anathapur.	1995

S. No.	Publication details
1.	Deep Learning Techniques for Lung Cancer Recognition, Engineering, Technology & Applied Science Research, ISSN: 2241-4487, EISSN: 1792-8036, Vol.14, 4 Aug-2024(WoS).
2.	Impact of Covid-19 on crude oil futures market in India, International Conference on Research in Sciences, Engineering, and Technology, AIP conference Proceedings,2024(Scopus)
3.	Case Study on Early-Stage Risk Prediction by Machine Learning Algorithms, International Journal on Recent and Innovation Trends in Computing and Communication, ISSN: 2321-8169, Volume 11, pp 4315-4320,9, Sep-2023, (Scopus).
4.	Optimal Game Theory Model for Stock Price Prediction, Mathematical Statistician and Engineering Applications, Vol 71 No. 4 (2022), Page Number: 3043 – 3054, ISSN: 2094-0343 2326-9865(Scopus)
5.	A New Root-Finding Method for Univariate Non-Linear Transcendental Equations With Quadratic Convergence, Communications in Mathematics and Applications, Vol. 13, No.1, pp. 1–8, 2022, ISSN 0975-8607; 0976-5905 (print), Published by RGN Publications.
6.	A new trigonometrical method for solving non-linear transcendental equations, Journal of mathematics and computer Science, May 2021, 2008-949x.
7.	A Goal Programming Approach for an Effective Financial Budget of an Indian State, International Journal of Advanced Scientific Research and Management, Dec 2018. (IJASRM), 2455-6378.
8.	Human Resource Planning through Goal Programming in a Software Industry, International Journal of Research and Analytical Reviews (IJRAR), October 2018,2348-1269.
9.	Optimization of Waiting Time in Hospitals – A Case Study, International Journal of Engineering & Scientific Research Vol. 6 Issue 3, March 2018, ISSN: 2347-6532 Impact Factor: 6.660, March 2018,2347-6532.
10.	Application of Queuing Model in the Hospital Pharmacy Unit-A Case Study, International Journal of Engineering Research and Application (IJERA), May 2018,2248-9622.
11.	Optimum Allocation of Resources in Hospitals through Multi criteria Decision Making Model, International Journal of Engineering Science and Mathematics, June 2015, (IJESM) 2320-0294.

12.	Bed Allocation in Hospitals- A case study. International Journal of Management, IT and Engineering, June 2015, 2249-0558.
13.	Allocation of Nurse in Hospitals Through Goal Programming, International Journal of computer Mathematical sciences and Applications, July - Dec 2011,0973-6786.
14.	Optimum Allocation of Patients to Nurses in Hospitals, International Journal of Mathematics and Applied Statistics, July - Dec 2011, 0973-5739.
15.	Allocation of Human Resources in Health Care Organization Through Goal Programming, The Journal of the Indian Academy of Mathematics, 2011, 0970-5120.
16.	A Budget planning model for health care clinics through goal programming, Journal of mathematics and systems and sciences, June-2009, ISSN 2159-5291.

Experience:

Teaching	26
Industry	-
Research	12
Total Experience	26