

Profile

Name of the Faculty	Dr J V Madhuri	
Designation	Associate Professor	
Department	Freshman Engineering	
Area of Interest	Bioinorganic Chemistry	
Subjects Taught	Engineering Chemistry	
JNTUH Registration Id	6552-150408-173730	
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Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	Ph.D	Chemistry	Osmania University	2006
2	M.Sc	Inorganic Chemistry	Andhra Univeristy	1999
3	B.Sc	Maths, Physics,Chemistry	Nagarjuna University	1997
4	PG Diploma	Intellectual Property Rights	NALSAR Hyderabad	2013

Publications Details :

S. No.	Publication details
1.	V.Srikanth, M. S. Giridhar, Rashmi BH, J. V. Madhuri , Hariharan Thangappan, Yogesh H. Bhosale, Sustainable Waste Management Through Blockchain and Internet of Things Integration in Industrial Zones, International Journal of Environmental Sciences, Vol. 11 No. 8s, 2025, 329-337
2.	Aparna Ponnuru, J. V. Madhuri , Dr. S. Saravanan, T. Vijayakumar, Dr. V. Manimegalai, Dr. Abhijeet Das,(2025)Data-Driven Approaches to Water Quality Monitoring: Leveraging AI, Machine Learning, and Management Strategies for Environmental Protection.Journal of Neonatal Surgery,14(5s), 664-675.
3.	J.V.Madhuri , LNS Prakash Goteti, Repurposing Quercetin In Treating Parkinson's Disease With Network Based Protein-Protein Interactions And Molecular Docking Studies, Afr. J. Bio. Sc.,7(1), 2024.
4.	J.V.Madhuri , LNS Prakash Goteti, Molecular Docking Studies Of Canthin Alkaloids Present In Aerva Lanata With Matrix Metalloproteinases 2,9, Journal of Pharmaceutical Negative Results Volume 13 Special Issue 8 2022
5.	J.V.Madhuri , LNS Prakash Goteti Technology forecasting using TRIZ on global production trend on non-fossil fuels. Specialusis Ugdymas, Special education, 2022 1(43), 382-390
6.	J.V.Madhuri , LNS Prakash Goteti Molecular docking studies of Chenopodium album Linn with Lanosterol synthase enzyme, Journal of Applied and Natural Science, 13(2), 491-495, 2021.
7.	J.V.Madhuri , LNS Prakash Goteti, Prediction of bioactivity of Phytochemicals in Anethum Graveolens- An insilico approach, Plant Cell Biotechnology and Molecular Biology 22(31&32):123-131; 2021
8.	Stability-indicating method of entacapone-related substances using UPLC in finished dosage form, CURRENT SCIENCE, VOL. 114, NO. 3, 10 FEBRUARY 2018
9.	J.V.Madhuri , LNS Prakash Goteti , Adopting Agile Values in Engineering Education, IEEE 6th International Conference on MOOCs, Innovation and Technology in Education (MITE), 2018, pp. 103-106.
10.	J.V.Madhuri , LNS Prakash Goteti, Enabling sustainable growth of SMEs through delivery excellence and Intellectual Property, 2017, Journal of Business and Management, vol. 19(7), 16-19.
11.	Naresh K and Madhuri G.V. , Stability indicating method of carbidopa and levodopa assay in carbidopa, levodopa and entacapone film coated tablets by RP-HPLC, International Journal of Pharmaceutical Sciences and Research, 2014, Vol5(12), 5530-

	5538.
12.	G.V.Madhuri and K.Tejaswini, Designing transferable skills inventory for assessing students using Group discussion: A case study of first year Electrical and Electronics Engineering students, Scientific Journal of Education Technology, Sept. 2013, Vol. 3 Iss. 9, PP. 155-160.
13.	G.V.Madhuri and K.Tejaswini, Role of sme's in internationalization of Andhra Pradesh handloom industry, International Journal of Physical and Social Sciences, ISSN: 2249-5894, vol 2, 289-304.
14.	G.V.Madhuri , Kantamreddi and LNS Prakash Goteti, Promoting higher order thinking skills using Inquiry based learning, European Journal of Engineering Education, http://dx.doi.org/10.1080/03043797.2012.661701 , iFirst, 2012, 1-7.
15.	G.V.Madhuri and Prakash Goteti, Imparting transferable skills and creating awareness among undergraduate students on non-conventional energy sources using problem based learning, International conference of Education, research and innovation, 14th-16th Nov 2011, Madrid, Spain, ISBN: 978-84-615-3324-4.
16.	A trans influence study in propyl(aquo)cobaloxime by imidazoles and amino acids, J V Madhuri and S Satyanarayana J.Chem.Sci., Vol.117, 4, 305-309, 2005.
17.	Conformational analysis of cytidine with cobaloximes J V Madhuri and S Satyanarayana, Indian Journal of Biotechnology, 3, 599-602, 2004.
18.	Equilibria and kinetics for pH-dependent axial ligation of ethylester and methylester(aquo)cobaloximes with aromatic and aliphatic N-donor ligands and a molecular mechanistic study of the Co-C bond, J V Madhuri , V Malathi and S.Satyanarayana, J.Chem.Sci., 116, 3, 143-150, 2004.
19.	Synthesis of pyrazole and pyrazole amidocobaloximes , A.Rajeshwar Rao, G.Gopinath, J.V.Madhuri and S.Satyanarayana;, J. of the Ind.Council of Chemists, 20, 2, 34-38, 2003.
20.	Synthesis of Alumina through Sol-Gel method – A short Review, J.V.Madhuri and S.Satyanarayana, J.Indian.Chem.Soc. 58-60, 2004.

Experience:

Teaching	24
Industry	NIL
Research	24
Total Experience	24

