


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	
College Staff Code	SC0990	
Official Mail	Jvmadhuri.fe@gcet.edu.in	

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

Research Publications:

S. No.	Publication details
1.	J V Madhuri and LNS Prakash Goteti, Using Virtual laboratories in Chemistry through guided inquiry-based approach, Journal of Positive School Psychology, Vol. 6, No. 2, 2022, 369 – 374. https://www.journalppw.com/index.php/jpsp/article/view/1309/664
2.	J V Madhuri and LNS Prakash Goteti, Molecular docking studies of <i>Chenopodium album</i> Linn with Lanosterol synthase enzyme, Journal of Applied and Natural Science, 13(2), 491-495, 2021, https://doi.org/10.31018/jans.v13i2.2618
3.	J V Madhuri , Sateesh K and LNS Prakash Goteti, PREDICTION OF BIOACTIVITY OF PHYTOCHEMICALS IN <i>Anethum graveolens</i> – AN in-silico APPROACH, Plant Cell Biotechnology and Molecular Biology, 22(31&32):2021, 123-131 https://DOI:10.1134/S1070427221030186 .
4.	J V Madhuri and 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, doi: 10.1109/MITE.2018.8747113.
5.	Naresh K, Rambabu, Katari and Madhuri G.V , Stability-indicating method of entacapone-related substances using UPLC in finished dosage form, Current Science, vol. 114, no. 3, 10 February 2018, doi: 10.18520/cs/v114/i03/644-649.
6.	J V Madhuri and LNS Prakash Goteti, Enabling Sustainable Growth of SME'S through delivery excellence and Intellectual Property, IOSR Journal of Business and Management (IOSR-JBM), 2017, 19(7), 16-19, DOI: 10.9790/487X-1907071619 .
7.	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, vol5 (12), 2014, 5530-5538. http://dx.doi.org/10.13040/IJPSR.0975-8232.5(12).5530-38

8.	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, Journal of Education and Practice Vol.6, No.10, 2015, doi: 10.1109/MITE.2013.6756361
9.	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.
10.	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
11.	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.
12.	J V Madhuri and S Satyanarayana A trans influence study in propyl(aquo)cobaloxime by imidazoles and amino acids, J.Chem.Sci., Vol.117, 4, 305-309, 2005. https://www.ias.ac.in/article/fulltext/jcsc/117/04/0305-0309
13.	J V Madhuri and S Satyanarayana Conformational analysis of cytidine with cobaloximes, Indian Journal of Biotechnology, 3, 599-602, 2004. http://nopr.niscair.res.in/handle/123456789/5908
14.	J V Madhuri , V Malathi and S.Satyanarayana, 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.Chem.Sci., 116, 3, 143-150, 2004. https://www.ias.ac.in/article/fulltext/jcsc/116/03/0143-0150
15.	A.Rajeshwar Rao, G.Gopinath, J.V.Madhuri and S.Satyanarayana Synthesis of pyrazole and pyrazole amidocobaloximes , J.Indian.Chem.Soc, 2004, vol81, 58-60.
16.	J.V.Madhuri and S.Satyanarayana, Synthesis of Alumina through Sol-Gel method – A short Review, J. of the Ind.Council of Chemists,34-38, 2004

Books/Book Chapters Published:

S. No.	Publication details
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1.	J V Madhuri, Chapter 6, Bioactivity of <i>Anethum graveolens</i> - an <i>insilico</i> approach, New Visions in Biological Science, Vol 8, 2022, BP International.

Experience:

Teaching	20
Industry	NIL
Research	20
Total Experience	20