



VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE

Near Ramoji Film City, Deshmukhi (V), Yadadri Bhuvanagiri Dist., Telangana - 508 284.

Approved by AICTE, New Delhi, Affiliated to JNTUH, Hyderabad

EAMCET CODE : VGNT

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Department of Basic Science & Humanities
Academic Year 2016-2017

Title of paper	Name of the author/s	Name of journal	ISSN number
Simultaneous Third order derivative Spectrophotometric Determination of Vanadium and Palladium Using 2-Hydroxy-1-Naphthaldehyde-P-hydroxy Benzoichydrazone (HNHBH)	P. Govinda Chowdary , V. Saleem Basha and V.S.Anusuya Devi	IOSR Journal of Applied Physics	2278-4861
Spectrophotometric Determination Studies of Cefotaxime (CFX) and their CFX- Cd (II) and CFX- Cu (II) Complexes.	S. Kondaiah , P.GovindaChowdary, G.NagaRajaReddy and V.Suryanarayana Rao	ORIENTAL JOURNAL OF CHEMISTRY	0970 - 020X
Spectrophotometric Determination Studies of Cefotaxime (CFX) and their CFX- Cd (II) and CFX- Cu (II) Complexes.	S. Kondaiah, P.GovindaChowdary , G.NagaRajaReddy and V.Suryanarayana Rao	ORIENTAL JOURNAL OF CHEMISTRY	0970 - 020X
Synthesis, Characterization and antibacterial activity of substituted Quinoxalinepyrrolidine Derivatives Catalyzed by Polymer supported Reagents	NaraSimha Reddy, S. Kondaiah , G.NagaRajaReddy and srinivasulu Reddy	Der Pharma Chemica	0975-413X
Chemical bath deposition of Mn-doped ZnS thin films using greener complexing agents: Effect of Mn-doping on the optical properties	Pejjai Babu., Minnam Reddy Vasudeva Reddy, Seku Kondaiah , Kotte Tulasi Ramakrishna Reddy and Park Chinhoa. Optik	Optik-International Journal for Light and Electron Optics	0030-4026



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Mathematical study of a Deterministic SIR Epidemic Model with Modified Non-linear Incident Rate	Lakshmi Narayan.K Madhusudhan Reddy.K and Ravindra reddy.B	International J. of Math. Sci. & Engg. Appls	0973-9424
Dynamics of a Prey, Predator and Competitor model with Time Delay	Lakshmi Narayan K. , Papa Rao A.V	International Journal of Ecology & Development	0973-9984
Mathematical Study of an SIR Epidemic Model with Non-monotone Saturated Incidence Rate and White Noise	Lakshmi Narayan.K. , Ranjith Kumar.G and Ravindra Reddy.B	Research Journal of Pharma and Technology	0974-3618
Dynamics of an SIS Epidemic Model with a Saturated Incidence Rate Under Time Delay and Stochastic Influence	Lakshmi Narayan.K. , Ranjith Kumar.G and Ravindra Reddy.B	International Journal of Pure and Applied Mathematics,	1311-8080
A Three Species Ecological Model with a Predator and Two Preying Species	T.Vidyanath, K lakshmi narayana , Shahnaz Bathul	International Frontier Science Letters	2349-4484
Dynamics of a three species syn-ecological model comprising trees and cows ammensal on grass with harvesting	Lakshmi Narayan. K & Kondala Rao. K	Bulletin of Culcutta Mathematical Society	0008-0659
Dynamics of Three Species Food Chain Model for Rodents, Large Seeds and Small Seeds with Harvesting	Lakshmi Narayan. K & Kondala Rao. K	International Journal of Research In Science & Engineering	2394-8280
Synthesis, A novel method for preparation of Linezolid, (S)-N-((3-(3-fluoro-4-morpholinophenyl)-2-oxo-5-oxazolidinyl) methyl) acetamide.	S.Kondaiah , V.V. SrinivasaRao, D. Srinivasa Reddy, KancherlaMahesh and B.Vijaya Kumar	Letters in Organic Chemistry	1875-6255
DYNAMICS OF A PREY AND TWO PREDATORS SYSTEM WITH TIME DELAY	T.Vidyanath, K lakshmi narayana , Shahnaz Bathul	International Journal of Research In Science & Engineering	1311-8080

Personality development with soft	G. Vinod Kimar	International journal of	2249-6912
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skills		English and Literature	
Synthesis, Characterization and Biological Activity of Moxifloxacin - Cu (II) Metal Complex	Seku Kondaiah , G. Bhagavanth Reddy, Dasari Rajesh and Badathala Vijayakumr	International Journal of Engineering Technology Science and Research	2394-3386
Thermophysical and spectroscopic properties of binary liquid systems:Acetophenone /cyclopentanone/cyclohexanone with 3-chloroaniline	D. Rahul, M. Gowri Sankar, M. Chandra Sekhar , D. Ramachandran	Journal of Thermal analysis and Calorimetry	1388-6150
Synthesis and study of ionic interactions by volumetric, transport, FT-IR and computational methods of alkyl imidazolium acetate ionic liquid with molecular solvents (DMSO, DMF and EG) at T = (293.15-363.15)K	Venkatramana Losetty , Cecilia Devi Wilfred , M. Chandra Sekhar	Journal of Molecular Liquids	0167-7322
Thermodynamic properties of mixtures containing 1-butyl-2,3-dimethylimidazolium tetraCuoroborate and cyclopentanone or cyclohexanone,	Heena Gupta, M.Chandrakeshar , Tadikonda Srinivasa Krishna, Vinod Kumar Sharma	Journal of Molecular Liquids	0167-7322
Vibrational , Non linear optical, Thermal And Energy Gap studies on 4-(3-Bromophenyl)-2-Phenyl-1,3 -Thiazole(BPPT): A DensityFunctional Theory Approach	V. Vasanth Kumar , Laxmikanth Rao	International Journal Of Science, Engineering and Management	2456-1304
Ab initio and DFT studies on Structure, vibrational spectra of 4-tert-butyl-1,3-thiazol-2-amine(BTA)	V.vasanth Kumar , M. Nagabhushanam & J.LaxmikanthRao	Indian Journal of Pure & Applied Mathematics	
DFT studies on Vibrational, NLO,Thermal and Energy Gap Studies of 4-3-(3-chlorophenyl)-2-phenyl-1,3-	V.Vasanth kumar , J.Laxmikanth Rao	International Journal Of Science, Engineering and Management	2456-1304



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thiazole(CI-PPT)			
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