



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

PGCET CODE : VGNT1



Department of Basic Science & Humanities

Academic Year 2019-2020

Title of paper	Name of the author/s	Name of journal	ISSN number
Mathematical study of SEIR model with functional rates of incidence and treatment	N.Phani kumar , K.Siva reddy, M.A.Srinivas	Malaya Journal of Matematik	1953-1960
Three Species Epidemiological Model With Holling Type Functional Responses	S.Hariprasad, M.A.S.Srinivas, N.Phani kumar	International Journal of Mathematical Models and Methods in Applied Sciences	19980140
Special Ammensal Model with Monad Coefficient	K.V.L.N.Acharyulu, N.Phani Kumar , G.Srikanth	South East Asian Journal of Mathematics and Mathematical Sciences	ISSN 0972-7752(P), 2582-0850(O)
Strong Commensalism with Monad Model A SCIENTIFIC STUDY	K.V.L.N.Acharyulu, N.Phani Kumar , D.Chiranjeevi, D.Jaswanth	South East Asian Journal of Mathematics and Mathematical Sciences	ISSN 0972-7752(P), 2582-0850(O)
Strongly Arc Irregular and Total Irregular Neutrosophic Graphs	G.Upender reddy, Ch.Shashi Kumar , V.Nagaraju, V.Venkateswara Rao	International Journal of Advanced Science and Technology	2005-4238 (P), 2207-6360(O)
Detour Interior And Boundary Vertices Of Bsv Neutrosophic Graphs	Ch. Shashi Kumar , T.Siva nageshwar rao, Y. Srinivasa Rao, V. Venkateswara Rao	International Journal of Advanced Science and Technology	2005-4238 (P), 2207-6360(O)
Single Valued Neutrosophic Detour Distance	T.Siva nageshwar rao, Ch. Shashi Kumar , Y. Srinivasa Rao, V. Venkateswara Rao	Journal of critical reviews	23945125
Thermal Effects of Electro-Osmotic MHD Peristaltic Pumping of Jeffrey Fluid in Asymmetric Rotating Microchannel	K. VENUGOPAL REDDY , M.GNANESWARA REDDY, O.D.MAKINDE	INDIAN JOURNAL PHYSICS	0973-1458.
Heat and Mass Transfer of a peristaltic Electro - Osmotic flow of	K. VENUGOPAL REDDY , M.GNANESWARA REDDY,	Periodica Polytechnica Mechanical Engineering	2523-3963



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

PGE CET CODE : VGNT1



a Couple-Stress fluid through an inclined asymmetric channel with effects of thermal radiation and chemical reaction	O.D.MAKINDE		
The effect of radially varying MHD heat and mass transfer on peristaltic flow of williamson fluid in a vertical annulus	K. VENUGOPAL REDDY, S. Ravi kumar, Sk. Abzal, M.Rajaiah, Y.Harinath	IJMPERD	2249-6890
Series Solutions Of Mhd Peristaltic Transport With The Impact Of Thermal Radiation	K. Venugopal Reddy , B. Prasad	Global Journal Of Engineering Science And Researches	2348 – 8034
1.Numerical analysis of MHD casson fluid flow over an exponentially accelerated vertical plate in embedded porous medium with ramped wall temperature and ramped surface concentration in uniform magnetic field. 2.Viscous Dissipation on Natural Convection flow Past an Impulsively Moving Vertical Plate with Ramped Temperature. 3.Finite Element Approximation of MHD Flow Past a Vertical Plate in an Embedded Porous Medium with a Convective Boundary Condition and Cross Diffusion	Ch. Vijaya Bhaskar , Siva Reddy Sheri, Anjan Kumar Suram	.International Journal of Applied Power Engineering.	2252-8792
FEM ON HEAT AND MASS TRANSFER FLOW THROUGH PORUS MEDIUM IN A RECTANGULAR VESSEL WITH EFFECT OF THERMAL RADIATION AND DIFFUSION	SATISH MOLLI , T.SIVA NAGESWARA RAO, V.VENKATESWARA RAO	INTERNATIONAL JOURNAL OF ADVANCED SCIENCE AND TECHNOLOGY	22076360, 20054238



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

PGE CET CODE : VGNT1



Action reasearch on Essay Writing	K.Chandrasekhar.	The Expression	
Heat generation and chemical reaction in flow propagated by peristalsis incidence of radiation in MHD Jeffrey nano fluid	P Raja shekar	Indian Journal of Science and Technology	0974-6846 (P),0974-5645(E)
Thermal Radiation Effect On Entropy In Hydro Magnetic Peristaltic Of A Jeffrey Nano Fluid Through An Unsymmetric Channel	P RAJA SHEKHAR , K.M PRASAD, V. K NARLA, R BHUVANA VIJAYA	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2278-3075
Influence Of Thermophoresis And Brownian Motion Jeffrey Nano Fluid With Entropy Generation	P RAJA SHEKHAR , K.M PRASAD, R BHUVANA VIJAYA	JOURNAL OF MECHANICS OF CONINUA AND MATHEMATICAL SCIENCES	2454-7190
A Thermodynamics and density functional theory study of intermolecular interactions between 2- methylaniline and some alkyl acrylates	M,Chandrasekhar	Physics and Chemistry of liquids	0031-9104 (print) 1029-0451 (web)
Theoretical investigation of Structure, Vibrational and Electronic Analysis of Stereo Isomers of 2-(4-Methoxyphenyl)-3, 4-(dihydroxy) piperidines	V. Vasantha kumar , Laxmikanth raoJ et.al	Indian Journal of Pure and Applied Physics	0975-1041
DFT studies on substitutued Urea molecules	V. Vasantha kumar, Laxmikanth raoJ et.al	poly cyclic aromatic compounds	1563-5333
Investigation on Structural, Electrical and Magnetic Properties of Copper Substitued Nickel Nanoferrites	Rapolu Sridhar , , D. Ravinder, K. Vijaya Kumar, G. Helen Ruth Joice	Magnetic oxides and Composites II, Materials Research Fórum LLC (MRF) Publication, USA	<u>9781945291685</u>
Microwave-Assisted Synthesis of Palladium Nanoparticles Using Frankincense Resin and Evaluation	Kondaiah Seku , Syed Sulaiman Hussaini, Narasimha G, Girija Mangatayaru K, Sri Maha Vishnu D,	Materials Letters	0167-577X



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

PGE CET CODE : VGNT1



of their Catalytic Properties	Sridhar Rapolu, bhagavanth reddy,,		
Thermo electric power, electrical resistivity and magnetic properties of Ni-Sm nano-particles	Gopal boda, Nehru boda, Rapolu Sridhar , A. Panasa Reddy , D.Ravinder	<i>Biointerface Research in Applied Chemistry</i>	2069-583
Direct, 2nd and 3rd Derivative Spectrophotometric Determination of Indium (III) Using 2-Hydroxy-1-Naphthaldehyde-P-Hydroxybenzoichydrazone in CTAB Micellar Medium	P. Govinda Chowdary 1, V. Saleem Basha2 and V.S Anusuya Devi3	Asian Journal of Chemistry	0970-7077
Validated Stability Indicating Method For The Determination Of Tamsulosin In Pharmaceutical Dosage Form By Rp-Hplc	P. Geetha Swarupa1, P.Govind Chowdary 2, K. R. S. Prasad1, K. Suresh Babu	International Journal of Advanced Science and Tecnology	22076360, 20054238
Synthesis, characterization and theoretical study of new complexes with 2-hydroxy-1-napthaldehyde Schiff base ligand	K. Ramaiah, J. Prashanth, P.Govind Chowdary , Laxma Reddy	Computational biology and chemistry	1476-9271
Lewis Base Catalysed Synthesis And Spectral Analysis Of Aromatic Hetero Cyclic Compounds	V.Laxmi prasanna	International journal of engineering science and computing	2319-7242

A Thermodynamic, Density Functional Theory and FT-IR study of intermolecular interactions between 2-methylaniline and isomeric butanediols.	V.Laxmi prasanna ,Dr.M.Chandra Sekhar,DR.K.Chandrasekhar Reddy	Chemical data collections	2319-7242
Solvent - free condition Ionic - liquid - catalyzed green synthesis of substituted (morpholinomethyl) -2H-chromen-2-one	Manohar Konda ,Sateesh Kuna,Jagadessh Kumar Ega, Kumara Swamy Jella	Journal of xidian university	1001-2400



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

PGE CET CODE : VGNT1



Effect of temperature and position of OH group in isomeric butanediols in intermolecular interactions with 2-chloroaniline: A thermodynamic, DFT and molecular dynamics approach	Dunkana Negussa Kenie, M Chandra Sekhar , M Raveendra, K Sivakumar	Journal of molecular liquids	0167-7322
Thermodynamic, DFT and molecular dynamics studies of intermolecular interactions between 2-methoxyaniline and N- substituted amide mixtures	B. Mukesh , M. ChandraSekhar, K. Chandra SekharReddy, T. Sreekanthc	Chemical data collections	2319-7242
Thermodynamic, DFT and molecular dynamics studies of intermolecular interactions between 2-methoxyaniline and N- substituted amide mixtures	B. Mukesh, M. ChandraSekhar , K. Chandra SekharReddy, T. Sreekanthc	Chemical data collections	2319-7242
A Return Journey to Early Investigations in Politeness. A Critical Study	Vemula Ashok Kumar	Tathapi	Vol-19-Issue-08-April -2020
A Mathematical Study of Enteropatic circulation of Drugs with time Delay in two compartment modelwith Time-lag	H.Avinash, .K.Lakshmi Naryana	International journal of Advanced Science And Technology	ISSN:2005-4238
Analysis of enteropatic circulation of drugs after oral intravenous with Timelag	H.Avinash, .K.Lakshmi Naryana	International journal of Advanced Science And Technology	ISSN:2005-4238
Interior and Boundary vertices of BSV Neutrosophic Graphs	Ch. Shashi Kumar , Y. Srinivasa Rao , V. Venkateswara Rao	JOURNAL OF ADVANCED RESEARCH IN DYNAMICAL AND CONTROL SYSTEM	ISSN: 1943-023X
ENGLISH FOR SPECIFIC PURPOSES: ITS RELEVANCE AND IMPORTANCE FOR ENGINEERING STUDENTS.	Y.vidyavathi devi	"International Journal of English Research"	2455-2186



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

PGCET CODE : VGNT1



Goods and Services Tax: Impact and implecations hotchpotch of industry in Indian economy.	N.Roopa	International Journal of Business and Management Invention	2319-801X
Image Processing based Eye Detection Methods- A Theoretical Review	B., Vijayalaxmi, Anuradha Chavali	Bulletin of Electrical Engineering and Informatics	2302-9285
Teacher Engagement and Commitment towards the Organization, Teaching and Workgroup in Engineering Colleges in Hyderabad	Anuradha Chavali	International Journal of Recent Technology and Engineering	2277-3878
Passion or Occupation: An Empirical Study on Engagement and Commitment of Teachers towards Teaching and Occupation in General	Anuradha Chavali	International Journal for Recent Innovations in Academic Research	2635-3040