

Collaborative Activity

2019-20

| Title of the collaborative activity | Name of the collaborating agency with contact details | Name of the participant | Nature of the activity |
|---|--|-------------------------|------------------------|
| Structural Influence of Ytria, Scandia and Hafnia on Emission Features of Samarium Ions in Lead Antimonate Glass System | Acharya Nagarjuna University, Guntur, Andhra Pradesh, India. | Dr. V. Ravi Kumar | Research Publication |
| Study and Characterization of Li and Co, Co-Doped ZnO Micro Structures | Nano Functional Materials Technology Centre (NFMTC) and Materials Science Research Centre (MSRC), IIT Madras, Chennai, Tamil Nadu, India (IITM), Chennai 600036, India | Dr. M. Ramanjaneyulu | Research Publication |
| Energy Harvesting of PZT/PMMA Composite Flexible Films | Nano Functional Materials Technology Centre (NFMTC) and Materials Science Research Centre (MSRC), IIT Madras, Chennai, Tamil Nadu, India (IITM), Chennai 600036, India | Dr. M. Ramanjaneyulu | Research Publication |
| Structural, Electric and Dielectric Properties of Nickel Doped Spinel LiMn ₂ O ₄ Nanorods | Pondicherry University, Pondicherry, India. 014, India | Dr. B. Nageswara Rao | Research Publication |
| Characterization of Cr ³⁺ Doped Zinc Lead Lithium Phosphate Glasses | V R Siddhartha Engineering College, Vijayawada, AP, India | Dr. M. Srinivasulu | Research Publication |
| Correlation between Structural, Magnetic and Dielectric Properties of Microwave Sintered Ni-Zn-Al Nanoferrites | Delhi Technological University, Bawana Road, New Delhi, India | Dr. M. Srinivasulu | Research Publication |

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| An Efficient Synthesis of Darunavir Substantially Free from Impurities: Synthesis and Characterization of Novel Impurities | Granules India Limited – R&D Center, Hyderabad, India. | Dr. N. Srinivasu | Research Publication |
| Design, synthesis and Anti-Tumour Activity of New Pyrimidinepyrrole Appended Triazoles | Acharya Nagarjuna University, Guntur, A.P., India. | Dr. N. Srinivasu | Research Publication |
| Determination of Flecainide Acetate and its Degradation Impurities by UPLC-MS | NACL Industries Limited (R&D Center), Hyderabad, India | Dr. N. Srinivasu | Research Publication |
| Ninhydrin Based Visible Spectrophotometric Determination of Gemigliptin | Acharya Nagarjuna University, Guntur, A.P., India. | Sireesha Malladi ³ | Research Publication |
| Determination of Riociguat by Oxidative Coupling Using Visible Spectrophotometry | Acharya Nagarjuna University, Guntur, A.P., India. | Sireesha Malladi ³ | Research Publication |
| Design and Synthesis of Antimicrobial Active (<i>E</i>)-(3-(Substituted-styryl)-7 <i>H</i> -furo[2,3- <i>f</i>]chromen-2-yl)(phenyl)methanone Derivatives and Their <i>In Silico</i> Molecular Docking Studies | Kakatiya University, Warangal, Telangana, India | Koyaprabhakara Rao | Research Publication |

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| <p>A Facile Synthetic Method for the Synthesis of new 7',9'- dihydrospiro[indoline-2,11'-pyrazolo[3,4-f]pyrimido[4,5- b]quinoline]-3,8',10'(1'H,6'H)-trione and its Biological Evaluation</p> | <p>Guru Nanak Institutions Technical Campus, Hyderabad, Telangana, India</p> | <p>K. Prabhakara Rao</p> | <p>Research Publication</p> |
| <p>Design and Synthesis of Spirobiisoxazoline Dibenzoquinone Derivatives via [3 + 2] Double 1,3-Bipolar Cycloaddition Reaction</p> | <p>Biosciences Pvt. Ltd., Hyderabad, India</p> | <p>Dr.Murthy Chavali</p> | <p>Research Publication</p> |
| <p>XtalFluor-E: An Efficient Reagent for Synthesis of Oxazolines from Carboxylic Acids and <i>O</i>-Silylated Amino Alcohols</p> | <p>Vignan's Foundation for Science, Technology & Research-VFSTR (Deemed to be University), Vadlamudi, Guntur, Andhra Pradesh, India</p> | <p>Dr.Anwar</p> | <p>Research Publication</p> |
| <p>An Efficient, Multicomponent, Green Protocol to Access 4, 7-Dihydrotriazolo [1, 5-<i>a</i>] Pyrimidines and 5,6,7,9-Tetrahydrotriazolo[5,1-<i>b</i>]Quinazolin-8(4H)-Ones Using PEG-400 Under Microwave Irradiation</p> | <p>Vignan's Foundation for Science, Technology & Research-VFSTR (Deemed to be University), Vadlamudi, Guntur, 522 213 Andhra Pradesh, India</p> | <p>Dr.Anwar</p> | <p>Research Publication</p> |
| <p>Nitrogen-Doped Nanocarbons (NNCs): Current Status and Future Opportunities</p> | <p>Regional Centre of Advanced Technologies and Materials, Palacky University, Šlechtitelů 27, 78371 Olomouc, Czech Republic</p> | <p>Dr. Anandarup goswami</p> | <p>Research Publication</p> |

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| Phosphorene: Current Status, Challenges and Opportunities | Palacký University Olomouc, Šlechtitelů 27, 783 71, Olomouc, Czech Republic | Dr. Anandarup goswami | Research Publication |
| Low Temperature Processed Titanium Oxide Thin-Film using Scalable Wire-Bar Coating | Institute of Chemical Technology Mumbai-Marathwada Campus, Jalna, Maharashtra, India | Dr. Anandarup goswami | Research Publication |
| CCDC 1483947: Experimental Crystal Structure Determination | Vlastimila, Vlastimil Fila Inorganic Membranes Faculty of Science and Technology | Dr.K.Ravikumar | Research Publication |
| Impurity Profile of Macitentan in Tablet Dosage form using a Stability-Indicating High Performance Liquid Chromatography Method and Forced Degradation Study | Sinotherapeutics Inc., Shanghai, China. | Dr.K.Chandrasekar | Research Publication |
| Ionic Liquid-Based Vortex-Assisted DLLME followed by RP-LC-PDA Method for Bioassay of Daclatasvir in Rat Serum: Application to Pharmacokinetics | Andhra University, Visakhapatnam, India. | Dr. ch. gangu naidu | Research Publication |
| Chemical Stability and Spectroscopic Characterization of Balofloxacin and its Stress Degradation Products by LC-PDA, LC-MS/MS, NMR and FT-IR | Indian Institute of Chemical Technology, Tarnaka, Hyderabad | Dr. ch. gangu naidu | Research Publication |
| Synthesis of Dibenzo[<i>a,d</i>] Cycloheptanoids <i>via</i> Aryne Insertion into 2-Arylidene-1,3-Indandiones | GVK Biosciences Pvt. Ltd, Hyderabad, Telangana, India. | Dr. ch. gangu naidu | Research Publication |

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| Reversed Phase-UPLC Separation Analysis of Amitriptyline and Pregabalin from Their Degradants | Vignan's Foundation for Science, Technology & Research, Vadlamudi, Guntur, Andhra Pradesh-522 213, India | Dr.Sai Pavan Kumar | Research Publication |
| Efficient Synthesis and Antimicrobial Activity of 2-Pyridyl-4-Thiazolidinones from 2-Chloro Nicotinaldehydes | Indian Institute of Chemical Technology, Tarnaka, Hyderabad, Telangana, India. | Dr.Sai Pavan Kumar | Research Publication |
| Design and Development of Polybenzoxazine-POSS Hybrid Materials from Renewable Starting Materials for Low k and Low Surface Free Energy Applications | Vignan's Foundation for Science, Technology and Research (VFSTR), Vadlamudi, Guntur-522 213, India | Dr S. Devaraju | Research Publication |
| Cyclotriphosphazene Nanofiber-Reinforced Polybenzoxazine/Epoxy Nanocomposites for Low Dielectric and Flame-Retardant Applications | Anna University, Chennai, 600 025, India | Dr S. Devaraju | Research Publication |
| Evaluation of Metal Ion Sensing Behaviour of Fluorescent Probe along with its Precursors: PET-CHEF Mechanism, Molecular Logic Gate Behaviour and DFT Studies | Karunya Institute of Technology and Sciences (Deemed to be University), Coimbatore, Tamil Nadu, 641 114, India | Dr. V. srinivasadesikan | Research Publication |
| Molecular Docking and ADMET Analysis of Hydroxamic Acids as HDAC2 Inhibitors | Jubail Industrial College (JIC), P.O. Box 10099, Jubail Industrial City 31961, Kingdom of Saudi Arabia | Dr. V srinivasadesikan | Research Publication |

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| Synthesis and Structural Characterization of Xanthate Ligated hydrido Cu(I) Clusters and Cu(I) Coordination Polymer | National Dong Hwa University, Hualien 97401, Taiwan, ROC | Dr.Pilli V.V.N. Kishore | Research Publication |
| Location Controlled Symmetry Reduction: Paradigm of an Open Metalloporphyrin Framework Based on the Tetracarboxy Porphyrin Linker | McGill University, 801 Sherbrooke St. West, Montreal, QC H3A 0B8, Canada | Dr.T.Bharat Kumar | Research Publication |
| Relationship between Dopamine and Serotonin on the Effect of <i>Ginkgo biloba</i> Extract in the Treatment of Obsessive Compulsive Disorder in Rodents | NGH Institute of Dental Sciences & Research Centre, Belgaum-590 010, India | Dr.Jithendra Chimakurthy | Research Publication |
| Co-Crystals: A Review of Recent Trends in Co Crystallization of BCS Class II Drugs | Sree Vidyanikethan College of Pharmacy, A. Rangampet, Tirupati, AP-517102 | Dr.Jithendra Chimakurthy | Research Publication |
| Studies on Thermo Mechanical and Surface Properties of Polysulfone/Poly(Ether Imide Ester) Blends | Vignan's Foundation for Science, Technology and Research (VFSTR), Vadlamudi, Guntur-522 213, India | Dr.M.Alagar | Research Publication |
| Cyclohexane and Phosphorus Based Benzoxazine-Bismaleimide Hybrid Polymer Matrices:Thermal and Morphological Properties | TRP Engineering College, SRM Group, Tiruchirappalli, India. | Dr.M.Alagar | Research Publication |

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| Boundary Layer Flow of Radioactive Non-Newtonian Nanofluid Embedded in a Porous Medium over a Stretched Sheet using the Spectral Relaxation Method | Sri vasavi institute of Engineering and Technology, Nandamuru, Krishna District-521369, Andhra Pradesh, India. Department of Mathematics, Acharya Nagarjuna University, Ongole, Andhra Pradesh 523001, India. | M.V.Subba Rao | Research Publication |
| Couette Flow of a Jeffrey Fluid in an Inclined Composite Duct | Sri Venkateswara University, Tirupati, 517 502 A.P., India. Department of Mathematics, Marri Laxman Reddy Institute of Technology and Management, Hyderabad, 500043 A.P., India. Department of Mathematics, School of Advanced Sciences, VIT, Vellore, 632 014 Tamilnadu, India. | V.Manoj Kumar Uppuluri, | Research Publication |
| A semi analytical approach in thermal analysis of Hydrodynamic lubrication of journal bearing | Venkata Subrahmanyam, Sajja, Department of Mathematics, Koneru Lakshmaiah Education Foundation, Guntur 522502, India. | P.Sudam Sekhar, V.R.K.Murthy,S.Parthiban | Research Publication |
| Development and Validation for Simultaneous Estimation of Perindopril and Indapamide by UPLC–UV in Tablet Dosage Form | Guru Nanak Institutions Technical Campus, Hyderabad, Telangana, India. | N.L.A.Amara Babu, Koya Prabhakara Rao | Research Publication |
| Facile Synthesis of 6-Phenyl-6h-chromeno [4, 3-b] Quinoline Derivatives using NaHSO ₄ @SiO ₂ Re-usable Catalyst and Their Antibacterial Activity Study Correlated by Molecular Docking Studies | Guru Nanak Institutions Technical Campus, Hyderabad, Telangana, India. | Kancharla Suman, Koya Prabhakara Rao, Madala Subramanyam, Vejendla Anuradha, | Research Publication |
| Experimental and Theoretical Analyses on Structural (Monomer and Dimeric form), Spectroscopic and Electronic Properties of an Organic Semiconductor 2,6-Dimethoxyanthracene | New Generation Materials Lab, Vignan's Foundation for Science, Technology & Research, Vadlamudi, Guntur, Andhra Pradesh-522 213, India | Koya Prabhakara Rao | Research Publication |

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| Defuzzification Formula for Modelling and Scheduling A Furniture Fuzzy Project Network | M.Kumarasamy College of Engineering, Karur, Tamil Nadu, India. Department of Mathematics, M.Kumarasamy College of Engineering, Karur- Tamil Nadu, India. | T. L.Yookesh | Research Publication |
| Exact and Numerical Solutions for MHD Boundary Layer Flow of Casson Fluid Over a Stretching Sheet | Acharya Nagarjuna University, Ongole, Andhra Pradesh -523001, India | Venkata Subba Rao M, A.Srinivasa Rao | Research Publication |
| Entrance Effects of Blood Model Casson Fluid in the Concentric Rings with Inner Ring Rotation | National Institute of Technology, Karnataka, India | Srinivasa Rao Nadiminti | Research Publication |
| Flow of a Casson Fluid in an Inclined Composit | School of Advanced Sciences, VIT, Vellore, 632 014, Tamilnadu, India. | V. Manoj Kumar Uppuluri | Research Publication |
| A Research on Change Point and Trend Scrutiny: with Reference to Castor in India | Pondicherry University, Pondicherry, India. | Kalpana P | Research Publication |
| Bingham Plastic Fluid Flow between Two Parallel Plates with Temperature Effect | Koneru Lakshmaiah Education Foundation, Guntur-522502, India. | P.Sudam Sekhar, V.V.Radhakrishna Murthy | Research Publication |
| Super Resolution Image Reconstruction using Iterative Regularization Method and Feed –Forward Neural Networks | Sir C R Reddy College of Engineering, Eluru, India. | Dr Sudam Sekhar Panda | Research Publication |

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| Elementary Ideals in Tsemi-Rings Andn(A)-Tsemi-Ring | Tirumala Engineering College, Narasaraopeta, Andhra Pradesh, India. Department of Mathematics, VSR & NVR College, Tenali, A.P. | P.Sivaprasad | Research Publication |
| A Green and Environmentally Friendly, An Improved Synthesis of Pimavanserin (5-HT2A Receptor) | Granules India Limited-R & D Center, Pragathinagar, Hyderabad, India. SVAK Life Sciences, ALEAP Industrial Area, Pragathi Nagar, Hyderabad, 500090, India. | Rapolu Rajesh Kumar, Chavali Murthy | Research Publication |
| Microwave Assisted Solvent Free One Pot Synthesis of N-acetyl-bis-indoles | Dr. Reddy's Laboratories Ltd, Miyapur, Hyderabad, India. Department of Chemistry, Krishna University, Machilipatnam 521001, Andhra Pradesh, India. | C.Murthy | Research Publication |
| 2018-19 | | | |
| Judd-Ofelt Parametrization and Radiative Analysis of Dy ³⁺ ions Doped Sodium Bismuth Strontium Phosphate Glasses | Centre for Materials for Electronics Technology, HCL (PO), Cherlapally, Hyderabad, India. | Dr.M.Srinivasulu | Research Publication |
| Photoactive Brownmillerite Multiferoic KBiFe ₂ O ₅ and Its Potential Application in Sunlight-Driven Photocatalysis | Institute of Infrastructure Technology, Research and Management, Ahmedabad, Gujarat, India. | Dr. M. Ramanjaneyulu | Research Publication |
| Optical and Mechanical Studies on Free Standing Amorphous Anodic Porous Alumina Formed in Oxalic and Sulphuric Acid | National Institute of Technology Karnataka, India. | Dr.P. Ramana Reddy | Research Publication |

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| Structure and Magnetic Properties of Mn-Fe co-doped ZnO Thin Films Deposited by RF-Magnetron Sputtering | Malaviya National Institute of Technology, Jaipur-302 017 Rajasthan, India School of Physics, University of Hyderabad, Central University P.O, Gachibowli, Hyderabad-500 046, India | Dr. Venakaiah Malapati | Research Publication |
| Non-Enzymatic Sensing of Glucose using Screen-Printed Electrode Modified With Novel Synthesized CeO ₂ @CuO Core Shell Nanostructure | Qatar University, Doha, Qatar-2713. | Dr. Venakaiah Malapati | Research Publication |
| High Capacity Electrospun MgFe ₂ O ₄ -C Composite Nanofibers as an Anode Material for Lithium Ion Batteries | Clemson University, Clemson, SC 29634, USA. | Dr. B. Nageswara Rao | Research Publication |
| Structural, Magnetic, and Dielectric Properties of Conventional- and Microwave-Sintered Ni _{0.6} Zn _{0.4-x} Cu _x Fe ₂ O ₄ | Centre for Materials for Electronics Technology, HCL (PO), Cherlapally, Hyderabad, India. | Dr.M.Srinivasulu | Research Publication |
| Thermal Annealing Effects on Structural, Optical and Electrical Properties of V ₂ O ₅ Nanorods for Photodiode Application | Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore 641 020 Tamil Nadu, India. | Dr.MurthyChavali | Research Publication |
| Rheology, Mechanical Properties and Thermal Degradation Kinetics of Polypropylene (PP) and Polylactic Acid (PLA) Blends | Yanbu Industrial College, Royal Commission for Yanbu-Colleges and Institutes, Saudi Arabia. | Dr. MurthyChavali | Research Publication |

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| Microwave-Assisted Synthesis and Characterization of WO _x Nanostructures for Gas Sensor Application | University of Messina, Messina, Italy. | Dr. MurthyChavali | Research Publication |
| Synthesis, Photophysical and Electrochemical Properties of Polyimides of Tetraaryl Imidazole | Thiruvalluvar University, Vellore, India. | Dr. M. Alagar | Research Publication |
| On Fuzzy Regular Ternary Γ -Semi rings | GITAM University, Visakhapatnam, Andhra Pradesh, India. | Dr. P.Siva Prasad | Research Publication |
| Effect of Non-linear Density Temperature Variation on Convective Heat and Mass Transfer Flow Through a Porous Medium in a Rectangular Duct with Radiation Chemical Reaction and Dissipation | VNR Vignana Jyothi Institute of Engineering and Technology | Dr.T.Siva Nageswara Rao | Research Publication |
| Numerical Treatment of Two-Parameter Singularly Perturbed Parabolic Convection Diffusion Problems with Non-Mooth Data | University of Salamanca, Plaza de la Merced 37008 Salamanca, Spain | Dr.M.Chandru | Research Publication |
| Soret and Radiation Effects on an Unsteady Flow of a Casson Fluid tThrough Porous Vertical Channel with Expansion and Contraction | K L University, Andhra Pradesh, India. | Dr.K.Kalyani | Research Publication |
| Self Centeredness of Total Graphs W.R.T. D-Distance | K L University, Andhra Pradesh, India. | Dr.P.L.N.Varma | Research Publication |

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| <p>A Spectral Relaxation Method for Three-dimensional MHD Flow of Nanofluid Flow over an Exponentially Stretching Sheet due to Convective Heating: an Application to Solar Energy</p> | <p>Acharya Nagarjuna University, Ongole, Andhra Pradesh, 523001, India.</p> | <p>Dr.P.L.N.Varma</p> | <p>Research Publication</p> |
| <p>Water Oxidation Electrocatalysis with a Cobalt-Borate-Based Hybrid System under Neutral Conditions</p> | <p>Gazi University, Ankara, 06500 Turkey</p> | <p>Dr. Sathya VijayaKumar</p> | <p>Research Publication</p> |
| <p>Iodine-Catalyzed Cross-coupling of Isocyanides and Thiols for the Synthesis of S-thiocarbamates</p> | <p>Central University of Rajasthan, Ajmer - 305817, Rajasthan, India</p> | <p>Dr.D.Nagaraju</p> | <p>Research Publication</p> |
| <p>Organocatalytic Synthesis of Spirocarbocycles</p> | <p>National Taiwan Normal University, Taipei, Taiwan.</p> | <p>Dr. Shaik Anwar,</p> | <p>Research Publication</p> |
| <p>Novel Hybrid Molecules of Quinazoline Chalcone Derivatives: Synthesis and Study of in vitro Cytotoxic Activities</p> | <p>GITAM University, Bengaluru Campus, Karnataka, 561203, India</p> | <p>Dr. N. Srinivasu</p> | <p>Research Publication</p> |
| <p>Development and Validation of UPLC Method for Simultaneous Quantification of Carvedilol and Ivabradine in the Presence of Degradation Products using DoE Concept</p> | <p>AET Laboratories Pvt. Ltd, Kazipally Industrial Area, Hyderabad, Telangana, India.</p> | <p>Dr.N.Srinivasu</p> | <p>Research Publication</p> |

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| Novel Hybrid Molecules of Quinazoline Chalcone Derivatives: Synthesis and Study of in vitro Cytotoxic Activities | GITAM University, Bengaluru Campus, Karnataka, 561203, India | Dr.N.Srinivasu | Research Publication |
| Novel Hybrid Molecules of Isoxazole Chalcone Derivatives: Synthesis and Study of in vitro Cytotoxic Activities | GITAM University, Bengaluru Campus, Karnataka, 561203, | Dr.N.Srinivasu | Research Publication |
| Synthesis and Antitumor Activity Evaluation of 2-Aminothiazoles Appended 5-methylisoxazoline and Pyridine-piperazine Hybrid Molecules | CSIR-National Chemical Laboratory, Dr.HomiBhabha Road, Pune-411008, India | Dr.N.Srinivasu | Research Publication |
| Phytochemical Library of Caralluma Genus | GITAM University,Bengaluru Campus, Karnataka –561203, India. | Dr.M.Sireesha | Research Publication |
| Pharmacological Review of Caralluma r.br: A Potential Herbal Genus | GITAM University, Bengaluru, Karnataka, India. | Dr.M.Sireesha | Research Publication |
| Ion-Pair Formation for The Determination of Mianserin Using Fast Sulphon Black F | GITAM University, Bengaluru, Karnataka, India | Dr.M.Sireesha | Research Publication |

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|---|---|-----------------------|----------------------|
| Mitigation Plans to Overcome Environmental Issues: A Model Study | Centre for Women Studies, Andhra University, Visakhapatnam, India | K. Mariadas | Research Publication |
| Evaluation and Remediation of Sludge from Municipal Solid Waste Dumping Sites: A Model Study | Siddhartha Institute of Technology, Kanuru, Vijayawada, Andhra Pradesh, India | K. Mariadas | Research Publication |
| An Extensive Examination of Water Quality and Soil Quality Characteristics in Few Areas of Andhra Pradesh Core Capital Region at Amaravathi by Using Gis Applications | Siddhartha Institute of Technology, Kanuru, Vijayawada, Andhra Pradesh, India | K. Mariadas | Research Publication |
| A Facile, Efficient and Convenient Synthesis of 1,8-Dioxodecahydroacridines with PMA-SiO ₂ Reusable Catalyst | Vignan`s Foundation for Science, Technology and Research (VFSTR) University, Vadlamudi, Guntur - 522 213, Andhra Pradesh, India. | Dr. K. Prabhakara Rao | Research Publication |
| Synthesis, Biological Evaluation and Docking Studies of 1,3,4-Oxadiazole Fused Benzothiazole Derivatives for Anticancer Drugs | New Generation Materials Lab (NGML), Vignan's Foundation for Science Technology and Research (Deemed to be University), Vadlamudi, Guntur-522 213, Andhra Pradesh, India. | Dr. K. Prabhakara Rao | Research Publication |

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| Temperature-Stable Compelled Composite Superhydrophobic Porous Coordination Polymers Achieved via an Unattainable de Novo Synthetic Method | Masakazu Higuchi, Institute for Integrated Cell-Materials Science (iCeMS), Kyoto University, Katsura, Nishikyo-ku, Kyoto 615-8510, Japan. Jettiboina Suryachandram, New Generation Materials Lab (NGML), Department of Science and Humanities, Vignan's Foundation for Science Technology and Research (VFSTR) (Deemed to be University), Vadlamudi-522 213, Guntur, | Dr. K. Prabhakara Rao | Research Publication |
| LC-PDA-ORD Bioassay of S-(+) and R-(-) Colchicine on Rat Dried Blood Spots: Application to a Pharmacokinetic Study | Andhra University, Andhra Pradesh, India | Dr. Ch. Gangu Naidu | Research Publication |
| Supported Liquid Extraction and LC-MS-MS Determination of Iloperidone And Olanzapine in Rat Plasma: Application to a Pharmacokinetic Study | Indian Institute of Chemical Technology, Tarnaka, Hyderabad, India. | Dr. Ch. Gangu Naidu | Research Publication |
| Design, Synthesis and In Vitro Anti-Cancer Evaluation of Novel Derivatives of 2-(2-Methyl-1,5-diaryl-1H-pyrrol-3-yl)-2-oxo-N-(pyridin-3-yl) Acetamide | Faculty of Pharmacy and Drug Design and Development Research Center, The Institute of Pharmaceutical Sciences (TIPS), Tehran University of Medical Sciences, Tehran 1417614411, Iran. | Dr. Ch. Gangu Naidu | Research Publication |
| Design, Synthesis and Anticancer Evaluation of Spiro [cyclohexane-1,1'-indene]-2,5-diene | Faculty of Pharmacy and Drug Design and Development Research Center, The Institute of Pharmaceutical Sciences (TIPS), Tehran University of Medical Sciences, Tehran 1417614411, Iran. | Dr. Ch. Gangu Naidu | Research Publication |
| An Efficient Copper-Based Magnetic Nanocatalyst for the Fixation of Carbon Dioxide at Atmospheric Pressure | S. S. G. M. College, Kopargaon, Dist., Ahmednagar 423601, India | Dr. Anandarup Goswami | Research Publication |

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| Iron Oxide-Cobalt Nanocatalyst for O-tert-Boc Protection and O-Arylation of Phenols | S. S. G. M. College, Kopargaon, Dist., Ahmednagar 423601, India | Dr. Anandarup Goswami | Research Publication |
| An Escalation of Anticorrosion and Microelectrical Properties of Polyurethane Nanocomposites from Green Brassica Nigra Oil | Nanotech Research Laboratory, University College of Engineering Villupuram Tamil Nadu, 605103, India. | Dr. Krishna Devi | Research Publication |
| Synthesis and Characterization of Thermally Stable And Flame Retardant Hexakis (4-Aminophenoxy) Cyclotriphosphazene-Based Polyimide Matrices | Polymer Composites Lab, A. C. Tech, Anna University, Chennai, India. | Dr S. Devaraju | Research Publication |
| Synthesis and Characterization of Thermally Stable and Flame Retardant Poly (Benzoxazine-Co-Urethane) Matrices | Polymer Composites Lab, A. C. Tech, Anna University, Chennai, India. | Dr S.Devaraju | Research Publication |
| On the Misincorporation of Nucleotides Opposite Mutagenic Cyclic 1,N2-Propanoguanine: A Computational Investigation | Sinotherapeutics Inc., Shanghai, China. | Dr.V Srinivasadesikan | Research Publication |
| The First Highly Selective Turn "ON" Fluorescent Sensor for vanadyl (VO ₂ ⁺) Ions: DFT Studies and Molecular Logic Gate Behavior | Karunya University, Coimbatore 641 114, India. | Dr.V Srinivasadesikan | Research Publication |

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| Investigations on The Reactivity of Arylantimony Halides With N,O-Donor Ligands | Tel-Aviv University, Ramat-Aviv, 69978 Tel-Aviv, Israel | Dr. Pilli V V N Kishore | Research Publication |
| Influence of Structural Parameters on the Formation of Stable Na-bte Coordination Polymers | Tel-Aviv University, Ramat-Aviv, 69978 Tel-Aviv, Israel | Dr. Bharat kumar tripuramallu | Research Publication |
| Open MOFs with Unique Hexatopic Zinc-5,15-bis(4'-carboxyphenyl)-10,20-bis(3',5'-dicarboxyphenyl) Porphyrin Linker | Tel-Aviv University, Ramat-Aviv, 69978 Tel-Aviv, Israel | Dr. Bharat kumar tripuramallu | Research Publication |
| 2017-18 | | | |
| A Convenient New and Efficient Commercial Synthetic Route for Dasatinib (Sprycel®) | GITAM University (Bangalore), CSIR-NCL pune | Garbapu Suresh, Ratnakaram Venkata Nadh, Navuluri Srinivasu & Durgaprasad Yennity | Research Publication |
| Quality-by-Design-Based Development and Validation of a Stability-Indicating UPLC Method for Quantification of Teriflunomide in the Presence of Degradation Products and its Application to <i>In-Vitro</i> Dissolution | AET Laboratories Pvt Ltd (Hyderabad) GITAM University (Bengaluru) | Nukendra Prasad Nadella, Venkata Nadh Ratnakaram & N. Srinivasu | Research Publication |
| First Total Synthesis of the Highly Potent Antitumor Lactones 8-Chlorogoniodiol and Parvistone A: Exploiting a Bioinspired Late-Stage Epoxide Ring-Opening | CSIR-IICT (Hyderabad) | Perla Ramesh, Yarram Narasimha Reddy, Thatikonda Narendar Reddy, Navuluri Srinivasu | Research Publication |

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| Design, Synthesis and Anticancer Activity of N-(1-(4-(Dibenzo[B,F][1,4] Thiazepin-11-Yl)Piperazin-1-Yl)-1-Oxo-3-Phenylpropan-2-Yl Derivatives | Sri Satya Sai Institute of Higher Learning (Anantapuram) PS3 Laboratories LLC (Hyderabad) Krishna University, Clearsynth Labs Ltd (Hyderabad) | Mura Reddy Gudisela, N Srinivasu, Chaitanya Mulakayala, Praveen Bommu, M V Basaveswara Rao, Naveen Mulakayala | Research Publication |
| Chemoenzymatic Synthesis of the HMG-Coa Reductase Inhibitor Rosuvastatin and Natural Styryl Lactone Cryptomoscatone E1 | IICT-Hyderabad, YMS Laboratories- Hyderabad. JNTU-Hyderabad | Perla Ramesh, Ramiseti Anjibabu, Yarram Narasimha Reddy, Maddipatla Yedukondalu, Thatikonda Narendar Reddy, Bhaskar Kummari, & Atla Raju, Navuluri Srinivasu | Research Publication |
| Determination of Genotoxic Impurity in Atazanavir Sulphate Drug Substance by LC-MS | Acharya Nagarjuna University, Hetero Drugs limited (R&D), Hyderabad | K.Geetha Bhavani, K.Bala Murali Krishna, N.Srinivasu, D.Ramachandran, N.V.V.S.S Raman, B.Hari Babu | Research Publication |
| Determination of Calcium Content In Shells of Gastropod Snails of Ramayapatnam Beach of Andhra Pradesh | NIT-Tadepalligudem, Vikrama Simhapuri University P.G. Centre (Kavali, Andhra Pradesh) | V. Koteswara Rao, J. S. Kiran Kumar, M.V. Bhaskar Reddy, C. V. Narasimha Murthy | Research Publication |
| Phytochemical Screening of Caralluma Lasiantha: Isolation of C21 Pregnane Steroid | GITAM University – Bengaluru Campus, India. | Sireesha Malladi, Venkata Nadh Ratnakaram, Suresh Babu K, Pullaiah T | Research Publication |
| Phytochemical Investigation of Caralluma lasiantha: Isolation of Stigmasterol, an Active Immunomodulatory Agent | GITAM University – Bengaluru Campus, India. | Malladi S, Ratnakaram VN, Suresh Babu K, Pullaiah T | Research Publication |
| Caralluma Lasiantha: a Review on It's Vital Role in Indian Traditional Medicine | GITAM University – Bengaluru Campus, India. | Sireesha Malladi, Venkata Nadh Ratnakaram, Suresh Babu K, Pullaiah T | Research Publication |

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| Evaluation of <i>in vitro</i> antibacterial activity of <i>Caralluma lasiantha</i> for scientific validation of Indian traditional medicine | JNTU, Anantapur, GITAM University – Bengaluru, | Sireesha Malladi, R. VenkataNadh, K. SureshBabu, P. SuriBabu | Research Publication |
| Morphism of α -Polar Fuzzy Graph | Tirumala Engineering College- Narasaraopet, Andhra Pradesh, India. | Ch. Ramprasad, P. L. N. Varma, S. Satyanarayana, N. Srinivasarao | Research Publication |
| Vertex Degrees and Isomorphic Properties in Complement of an α -Polar Fuzzy Graph | Tirumala Engineering College- Narasaraopet, Andhra Pradesh, India. | Ch. Ramprasad, P. L. N. Varma, S. Satyanarayana, N. Srinivasarao | Research Publication |
| Regular Product α -Polar Fuzzy Graphs and Product α -Polar Fuzzy Line Graphs | Tirumala Engineering College- Narasaraopet, Andhra Pradesh, India. | Ch. Ramprasad, P. L. N. Varma, N. Srinivasarao S. Satyanarayana, | Research Publication |
| Detour Distance in Graphs W.R.T. D-Distance | Chirala Engineering College-Chirala, India. | V. Venkateswara Rao P. L. N. Varma. | Research Publication |
| D-Radius and D-Diameter of Some Families of Graphs | K.L. University-Vaddeswaram, India | Reddy Babu D, Varma PLN | Research Publication |
| Facile Synthesis of <i>N</i> -(Benzyl-1 <i>H</i> -1,2,3-Triazol-5-yl) Methyl)-4-(6-Methoxybenzo [<i>d</i>] Thiazol-2-yl)-2-Nitrobenzamides via Click Chemistry | Krishna University, India | Y. Bharath, D.Nagaraju M.V.Basaveswara Rao | Research Publication |
| Novel Tacrine Derivatives Exhibiting Improved Acetylcholinesterase Inhibition: Design, Synthesis and Biological Evaluation | Kannur University-Kerala, | Eeda Koti Reddy, Chandran Remya, Kumar Mantosh, Ayyiliath M Sajith, R V Omkumar, C Sadasivan Shaik Anwar | Research Publication |

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| Morita–Baylis–Hillman (MBH) Reaction Derived Nitroallylic Alcohols, Acetates and Amines as Synthons in Organocatalysis and Heterocycle Synthesis | National Taiwan Normal University, Taipei, Taiwan | Wan-Yun Huang, Shaik Anwar, Kwunmin Chen | Research Publication |
| A Dense IIO3 Hybrid Superhydrophobic Network, Pb(H-BTMB), Exhibits Selectivity toward CO2 Gas Sorption | NISER-Bhubaneswar (INDIA), National University of Singapore (NUS), Singapore | Koya Prabhakara Rao, Yerraguntla Katyayani Devi, Jettiboina Suryachandram, Rayavarapu Prasada Rao, J. N. Behera | Research Publication |
| Influence of Nano and Micro Particles on the Expansion and Mechanical Properties of Aluminum foams | IIT Madras, Chennai | Dr.Santhosh Kumar Bhogi & Mukherjee | Research Publication |
| Hydrogen Production by Photocatalytic Water-Splitting on Pt-DopedTiO2–ZnO Under Visible Light | Providence University, Shalu, Taichung 43301, Taiwan | ChavaliMurthy & XieMeng-YuaSuKang-YangaPengXin-YuanaWuRen-Jang | Research Publication |
| The Improvement in Mechanical Properties of Coconut Shell Powder as Filter in HDPE Composites | National Chung Cheng University, Min Hsiung Township, Chiayi County | ChavaliMurthy &Aradhyula Thirumala Vasu1, Chetan Reddy, Srinadh Danaboyina2, Gopala Krishna Manchala | Research Publication |
| Synthesis, Solubility and Thermal Behavior of Novel Diamin Diphenyl Methane and Caprolactam Based Different Polyimide Matrix for Antibacterial Applications | Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Avadi, Chennai, | Prof.M.Alagar & R. Revathi, S. Anandhavelu, H. Dolli, M. Murugavelu, K. Jeevarose, | Research Publication |

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| <p>A Novel Imidazole-Core-Based Benzoxazine and Its Blends for High-Performance Applications</p> | <p>Anna University, Chennai, Tamilnadu, India</p> | <p>Prof.M.Alagar & A. Hariharan, K. Srinivasan</p> | <p>Research Publication</p> |
| <p>Development and Characterisation of Functionalised AL- MCM- 41 Reinforced Caprolactam Toughened DGEBA Epoxy-Cyanate Ester Polymer Nanocomposites</p> | <p>Sungkyunkwan University, Suwon 440-746, South Korea</p> | <p>Prof.M.Alagar & Muthu Rajamani, Jayasree Srinivasan, Anandakumar</p> | <p>Research Publication</p> |
| <p>An Ecological Model of Mutualism Interaction Between Two Species and Predator</p> | <p>Sri Padmavati Mahila Visvavidyalayam, Tirupati, 517502, A.P, India</p> | <p>Dr.K.Kalyani, K. Sreelakshmi and G. Sarojamma</p> | <p>Research Publication</p> |
| <p>Effect of Thermal Radiation on the Casson Thin Liquid Film Flow over a Stretching Sheet</p> | <p>Sri Padmavati Mahila Visvavidyalayam, Tirupati, 517502, A.P, India</p> | <p>Dr.K.Kalyani, K. Sreelakshmi and G. Sarojamma</p> | <p>Research Publication</p> |
| <p>Enhanced Photoluminescence and Heterojunction Characteristics of Pulsed Laser Deposited ZnO Nanostructures</p> | <p>IIT Madras, Chennai, Tamil Nadu, India</p> | <p>Dr. M. Ramanjaneyulu & E. SenthilKumar, D.M.Priyadarshinia,F.B ellarmineaNandta Das Gupta, M.S.Ramachandra Rao</p> | <p>Research Publication</p> |
| <p>Development of Cyclophosphazene and Rice Husk ash Incorporated Epoxy Composites for High Performance Applications</p> | <p>University College of Engineering-Villupuram (A Constituent College of Anna University, Chennai), Kakuppam, Villupuram, 605 103, Tamil Nadu, India</p> | <p>Dr.K.Krishnadevi & Vaithilingam Selvaraj</p> | <p>Research Publication</p> |

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| <p>Unusual Mixed Valence of Eu in Two Materials:EuSr₂Bi₂S₄F₄ and Eu₂SrBi₂S₄F₄: Mössbauer and X ray Photoemission Spectroscopy</p> | <p>Indian Institute of Technology, New Delhi 110016, India ‡ Institut für Anorganische und Analytische Chemie, Universität Münster, Corrensstrasse 30, D-48149 Münster, Germany</p> | <p>Dr. R.Parthasarathy & Birgit Gerke‡, Theresa Block‡, Lukas Heletta‡,</p> | <p>Research Publication</p> |
| <p>N-, O-, and S-tridoped Carbon-encapsulated Co₉S₈Nanomaterials: Efficient BifunctionalElectrocatalysts for Overall Water Splitting</p> | <p>Institute for Catalysis, Hokkaido University, Kita 21 Nishi 10, Kita-ku, Sapporo, Japan</p> | <p>Dr. Anandarupgoswami & Yuhui Hou</p> | <p>Research Publication</p> |
| <p>Fe(III)-functionalized carbon dots - Highly efficient photoluminescence redox catalyst for hydrogenations of olefins and decomposition of hydrogen peroxide</p> | <p>University of Ioannina, 45110 Ioannina, Greece; Regional Centre of Advanced Technologies and Materials, Faculty of Science, Palacky University, Slechtitelu 27, 783 71 Olomouc, Czech Republic</p> | <p>Dr. Anandarupgoswami & Athanasios B.Bourlinos, Radek Zboril</p> | <p>Research Publication</p> |
| <p>Ag@CoxPCore@Shell Heterogeneous Nanoparticles as Efficient Oxygen Evolution Reaction Catalysts</p> | <p>Rutgers University</p> | <p>Dr. Anandarupgoswami & Tewodros Asefa, Mingmei Wu</p> | <p>Research Publication</p> |
| <p>Stereoselective Total Synthesis of Decarestrictine J</p> | <p>IICT, Hyderabad.</p> | <p>Ch.N.S.Sai Pavan Kumar & V. J. Rao</p> | <p>Research Publication</p> |
| <p>Foam stabilization by magnesium</p> | <p>IIT Madras, Chennai</p> | <p>Dr. Santhosh kumar bhogi</p> | <p>Research Publication</p> |

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| Synthesis and Antibacterial Activity Studies of 8,9-Dihydro [7h] Benzo 1,2,4-Oxadiazoles and its Coumarin Derivatives | National University of Singapore (NUS), Singapore 117575, Singapore | Dr. K. Prabhakara Rao & Rayavarapu Prasada Rao | Research Publication |
| 2016-17 | | | |
| The Structural Effect on Volumetric and Acoustic Properties of Aqueous Anti-HIV Drugs (Emtricitabine and Lamivudine) at Various Temperatures | VFSTR University, Vadlamudi, Guntur, Andhra Pradesh 522 213, India, Indian Institute of Technology Madras, Chennai 600036, India | Nagaraju Devunuria, Nagaraj Amminabavi, Bharath KumarChennuri, Venkatramana Losetty, Ramesh L. Gardas | Research Publication |
| Apparent Molar Volume and Isentropic Compressibilities of Antidepressant Drugs (Citalopram HBr and Escitalopram oxalate) With Water | VFSTR University, Vadlamudi, Guntur, Andhra Pradesh 522 213, India Indian Institute of Technology Madras, Chennai 600036, India | Nagaraju Devunuri, Suman Kancherla, Bharath KumarChennuri, Ramesh L. Gardas | Research Publication |
| Hydroamination of Carbodiimides, Isocyanates, and Isothiocyanates by A Bis(phosphinoselenoic Amide) Supported Titanium(iv) Complex | Indian Institute of Technology Hyderabad, Kandi, Sangareddy 502285, Telangana, India Department of Science & Humanities, Vignans University, Vadlamudi, Guntur – 522213, Andhra Pradesh, India. | Jayeeta Bhattacharjee, Suman Das, Ravi K. Kottalankaa and Tarun K. Panda. | Research Publication |
| Novel Coumarin Isoxazoline Derivatives: Synthesis and Study of Antibacterial Activities | Vignans Foundation for Science, Technology and Research University, Guntur, India, GITAM University, Bengaluru Campus, Karnataka, India. | Garbapu Suresh, Ratnakaram Venkata Nadh, Navuluri Srinivasu and Kishore Kaushal | Research Publication |

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| Functionalised Dihydroazo Pyrimidine Derivatives From Morita–Baylis–Hillman Acetates: Synthesis and Studies Against Acetylcholinesterase as its Inhibitors | Vignan's Foundation for Science, Technology and Research, Vadlamudi, Guntur, Andhra Pradesh, India, Inter-University Centre for Bioscience, Kannur University, Thalassery, Kerala, India, Kasargod Govt. College, Kannur University, Kasaragod, India, Indian Institute of Science Education and Research, Thiruvananthapuram, Trivandrum Campus, Trivandrum-695016, Kerala, India. | Eeda Koti Reddy, Remya C Ayyiliath, M. Sajith, Dileep K. V., Sadasivan C and Shaik Anwar. | Research Publication |
| Preparation of Linear Frac Concentration with 4-Vinyl-2,6-Dimethoxyphenol | Vignan's Foundation for Science Technology and Research, Vadlamudi Guntur 522 213 Andhra Pradesh, GITAM University, Hyderabad Technological Park Campus, Rudraram, Medak 502 329 Telangana, India. | R.V.V.Ramana Murthy, Murthy Chavali, and Naresh Kumar Katari. | Research Publication |
| Preparation of Linear Frac Concentration with 4-Vinyl-2,6-Dimethoxyphenol | Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore 641 020 Tamil Nadu, India Vignan University, Vadlamudi, Guntur 522 213 Andhra Pradesh, India. | N. Senthilkumar, M. SethuRaman, J.Chandrasekarand, R.Priya, MurthyChavali R.Suresh | Research Publication |
| First Stereo Selective Synthesis of 5-O - Feruloyl-2-Deoxy-d-Ribono- γ -Lactone | Custom Pharmaceutical Services, Dr. Reddy's Laboratories Ltd, Miyapur, Hyderabad 500049, India, Krishna University, Machilipatnam 521001, Andhra Pradesh, India, Vignan' s Foundation for Science, Technology and Research, Vadlamudi, Guntur 522 213, Andhra Pradesh, India. | K. Ravi Ganesh, K. Raghavendra Rao, T.V. Pratap, A. Raghunadh, S. Praveen Kumar, M.V. Basaveswara Rao, C. Murthy, Suresh Babu Meruva | Research Publication |
| Protective Effects of Chitosan Against the Hazardous Effects of Zinc Oxide Nanoparticle in Freshwater Crustaceans Ceriodaphnia Cornuta and Moina Micrura | Technology Development Centre, Custom Pharmaceutical Services, Dr. Reddy's Laboratories Ltd., Miyapur, Hyderabad, India, Krishna University, Machilipatnam, Andhra Pradesh, India, Vignan' s Foundation for Science, Technology and Research University, Vadlamudi, Guntur, Andhra Pradesh, India. | K. Ravi Ganesh , S. S. Pachore , T. V. Pratap , K. Umesh , M. V. Basaveswarao , C. Murthy & M. Suresh Babu | Research Publication |
| Ameliorated Synthetic Methodology for Crystalline Lanthanoid–MetalloPorphyrin Open Frameworks Based on A Multitopic Octacarboxy-Porphyrin Scaffold: Structural, Gas Sorption and Photophysical Properties | Tel-Aviv University, Ramat-Aviv, 6997801 Tel-Aviv, Israel. | Bharat Kumar Tripuramallu, Hatem M. Titi, Sadipan Roy, Roli Verma and Israel Goldberg. | Research Publication |

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| <p>Ferrocene-Functionalized Cu(I)/Ag(I) Dithiocarbamate Clusters</p> | <p>National Dong Hwa University, Hualien, Taiwan 97401, R. O. C.</p> | <p>Pilli V. V. N. Kishore, Jian-Hong Liao, Hsing-Nan Hou, Yan-Ru Lin, and C. W. Liu.</p> | <p>Research Publication</p> |
| <p>Novel Pyrene Containing Monomeric and Dimeric Supramolecular AIEE Active Nano-Probes Utilized in Selective “off-on” Trivalent Metal and Highly Acidic pH Sensing with Live Cell Applications</p> | <p>National Chiao Tung University, Hsinchu 300, Taiwan</p> | <p>Reguram Arumugaperumal, Venkatesan Srinivasadesikan, Ming-Chang Lin, Muthaiah Shellaiah, Tarun Shukla and Hong-Cheu Lin</p> | <p>Research Publication</p> |
| <p>An Expedient Synthesis of New 2-(Furoxan-3-yl) Thiazolidin-4-one Derivatives</p> | <p>Indian Institute of Chemical Technology, Uppal Road Tarnaka, Hyderabad 500 007, Telangana, India, CSIR-Indian Institute of Chemical Technology, Uppal Road Tarnaka, Hyderabad 500 007, Telangana, India, Vignan's Foundation for Science, Technology & Research, Vignan University, Vadlamudi, Guntur 522 213, Andhra Pradesh, India, Indian Institute of Chemical Technology, Hyderabad 500 007, India</p> | <p>Singam Naveen Kuma, Chebolu Naga Sesha Sai Pavan Kumar, Sri Ranga Vanarasi Anudeep, Kirti Kumari Sharma, Vaidya Jayathirtha Rao, and Nanubolu Jagadeesh Babu</p> | <p>Research Publication</p> |
| <p>Maximal Ideal of Compact Connected Topological Ternary Semigroups</p> | <p>Tirumala Engineering College, Guntur, Andhra Pradesh, India, V.S.R. & N.V.R. College, Tenali, Guntur, Andhra Pradesh, India, KL University, Vaddeswaram, Vijayawada, A.P., India, GVVIT Engineering college, Tunduru, Bhimavaram, A.P.</p> | <p>G.Srinivasarao, D.Madhusudhanarao, P. Siva Prasad, & M.Vasantha</p> | <p>Research Publication</p> |
| <p>A Note on Radius and Diameter of A Graph W.R.T. D-Distance</p> | <p>K. L. University, Vaddeswaram, GUNTUR, A.P. 522502, India, V. F. S. T. R. University, Vadlamudi, GUNTUR A.P. 522237 India.</p> | <p>D. Reddy Babu and P. L. N. Varma</p> | <p>Research Publication</p> |

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| <p>Electrical and Electrochemical Studies of Nanocrystalline Mesoporous MgFe₂O₄ as Anode Material for Lithium Battery Applications</p> | <p>Pondicherry University, Puducherry, 605014 India, Vignan's University, Vadlamudi, A.P. 522213 India, R&D, Amara Raja Batteries Ltd, Karakambadi, A.P., 517520 India, Clemson University, Clemson, SC, 29634 USA.</p> | <p>D.Narsimulu, B. Nageswara Rao, M.Venkateswarlu, E.S.Srinadhu, and N.Satyanarayana</p> | <p>Research Publication</p> |
| <p>Enhanced Electrochemical Performance of Carbon-Coated LiMPO₄ (M = Co and Ni) Nanoparticles as Cathodes for High-Voltage Lithium-Ion Battery</p> | <p>Department of Physics, Pondicherry University, Pondicherry 605014, India, Vignan's University, Vadlamudi, Andhra Pradesh 522 213, India, Amara Raja Batteries Ltd., Karakambadi, Andhra Pradesh 517 520, India.</p> | <p>P. Ramesh Kumar, V. Madhusudhan Rao, Nageswara Rao B, M. Venkateswarlu and N. Satyanarayana</p> | <p>Research Publication</p> |
| <p>Significant Correlations Between Levitation-Suspension Forces and Critical Current Densities in Bulk YBCO/Ag Composite Superconductors Fabricated by Infiltration and Growth Processing Technique</p> | <p>School of Physics, University of Hyderabad, Gachibowli, Hyderabad 500046, India, Department of Chemistry, Indian Institute of Technology Delhi, Hauz Khas, New Delhi 110016, India.</p> | <p>Parthasarathy R and Seshubai V</p> | <p>Research Publication</p> |
| <p>Micro and Nanoindentation Analysis of Porous Anodic Alumina Prepared in Oxalic and Sulphuric Acid</p> | <p>Department of Physics, National Institute of Technology Karnataka, Surathkal, Mangalore, 575025 India.</p> | <p>P. Ramana Reddy, K.M.Ajith and N.K.Udayashankar</p> | <p>Research Publication</p> |
| <p>Contact Angle Measurement Studies on Porous Anodic Alumina Membranes Prepared Using Different Electrolytes</p> | <p>Nanomaterials and Crystal growth Laboratory, Department of Physics, National Institute of Technology Karnataka, Surathkal, Mangalore, 575025 India.</p> | <p>P. Ramana Reddy, Ajith K. M. and N. K. Udayashankar.</p> | <p>Research Publication</p> |

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| <p>Fibrous porous Carbon Electrocatalysts for Hydrazine Oxidation by Using Cellulose Filter Paper as Precursor and Self-Template</p> | <p>The State University of New Jersey, Department of Chemistry and Chemical Biology 610 Taylor Road, Piscataway, NJ 08854, USA,</p> <p>Department of Chemistry, Universidade Estadual de Maringá, Av. Colombo 5790, CEP: 87020-900 Maringá, Paraná, Brazil,</p> <p>Department of Chemical and Biochemical Engineering, Rutgers, The State University of New Jersey, 98 Brett Road, Piscataway, NJ 08854, USA,</p> | <p>Alessandro C. Martins, Xiaoxi Huang, Anandarup Goswami, Katherine Koh, Yuying Meng, Vitor and C.Almeid Tewodros Asefa</p> | <p>Research Publication</p> |
| <p>2015-16</p> | | | |
| <p>Estimation of Metals in Godavari River Water By Icp-MS During Maha Puskaram in East and West Godavari District, Andhra Pradesh, India</p> | <p>Vignan's Foundation for Science, Technology and Research University, Vadlamudi, Guntur 522 213 Andhra Pradesh, India.</p> | <p>T. Vijaya prasadini and N. Srinivasu</p> | <p>Research Publication</p> |
| <p>Analysis of Titanium-Doped Indium Oxide Based Optically Transparent Patch Antenna for Terahertz Communications</p> | <p>National Institute of Technology, Tiruchirappalli 620015, India, Vignan University, Vadlamudi, Guntur 522213, India.</p> | <p>S. Anand, D. M. Sudesh, D. Sriram Kumar, and C. Murthy</p> | <p>Research Publication</p> |
| <p>Influence of (La, Cu) Doping on The Room Temperature Multiferroic Properties of BiFeO₃ Ceramics</p> | <p>Abdur Rahman University, Chennai, Tamil Nadu, India, Vignan's University, Guntur, Andhra Pradesh, India</p> | <p>Sathiya Priya, I. B.Shameem Banu and Murthy Chavali</p> | <p>Research Publication</p> |
| <p>Bioremediation of Sewage Waste Waters by The Phototrophic Bacterial Consortium Isolated From Sewage Water</p> | <p>Mahatma Gandhi Institute of Technology, Hyderabad, India. Mahatma Gandhi University, Nalgonda-508254, India, Vignan's University, Guntur, India.</p> | <p>Ramchander Merugu, Ravi Chandar Maroju, Sabina Harold , Madhusudhan Rao V, and Nagaraju Devanuri</p> | <p>Research Publication</p> |

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| Average D-Distance Between Edges of A Graph | Koneru Lakshmaiah Education Foundation (K.L. University), Vaddeswaram, Guntur 522 502, India, Vignan's Foundation for Science, Technology and Research University, Vadlamudi, Guntur 522 213, India. | D. Reddy Babu and P. L. N. Varma | Research Publication |
| A Generalisation of Contraction Principle in Metric Spaces | Vignan's Lara Institute of Technology and Science, Vadlamudi-522213, Guntur, India, Vignan's University, Vadlamudi-522213, Guntur, India, National Institute of Technology(NIT), Warangal-506004, India. | N. Seshagiri Rao , K. Kalyani and N. Ch. Pattabhi Ramacharyulu | Research Publication |
| Effect of Radiation on Magnetic Flow Over a Moving Vertical Plate in a Porous Medium with Heat Generation | SVKP College, Markapur, Prakasam DT-523316, India, Acharya Nagarjuna University, Ongole, Andhra Pradesh -523001, India, Vignan University, Guntur, Andhra Pradesh-522213, India. | Thommaandru Ranga Rao , Kotha Gangadhar , B.Hema Sundar Raju , and M. Venkata Subba Rao | Research Publication |
| Structural and Optical Properties of Nanocrystalline MoO ₃ thin Films Grown by Thermal Oxidation of Sputtered Molybdenum Films | Vignan University Vadlamudi, Andhra Pradesh, India, National Centre for Basic Sciences, Kolkata-70098, India. | Dr. K. Srinivasarao and P. K. Mukhopadhyay | Research Publication |
| A Note on Magic Graphs | Textiles and Transport, University, Romania, Vignan University, Guntur-522213, India. | Dr. V. Yegnanarayanan, V. Balas, and G. Chitra | Research Publication |
| Generalization of Banach's Contraction Principle in Hilbert Space | Vignan's Lara Institute of Technology and Science, Vadlamudi, Guntur, India, Bapatla Engineering College, Bapatla, Guntur, India, Vignan's University, Vadlamudi, Guntur, India. | N. Seshagiri Rao, K. V. L. N. Acharyulu and K. Kalyani | Research Publication |