

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

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

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	Guru Nanak Institutions Technical Campus, Hyderabad, Telangana, India	K. Prabhakara Rao	Research Publication
Design and Synthesis of Spirobiisoxazoline Dibenzoquinone Derivatives via [3 + 2] Double 1,3-Bipolar Cycloaddition Reaction	Biosciences Pvt. Ltd., Hyderabad, India	Dr.Murthy Chavali	Research Publication
XtalFluor-E: An Efficient Reagent for Synthesis of Oxazolines from Carboxylic Acids and <i>O</i> -Silylated Amino Alcohols	Vignan's Foundation for Science, Technology & Research-VFSTR (Deemed to be University), Vadlamudi, Guntur, Andhra Pradesh, India	Dr.Anwar	Research Publication
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	Vignan's Foundation for Science, Technology & Research-VFSTR (Deemed to be University), Vadlamudi, Guntur, 522 213 Andhra Pradesh, India	Dr.Anwar	Research Publication
Nitrogen-Doped Nanocarbons (NNCs): Current Status and Future Opportunities	Regional Centre of Advanced Technologies and Materials, Palacky University, Šlechtitelů 27, 78371 Olomouc, Czech Republic	Dr. Anandarup goswami	Research Publication

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

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

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

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

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 Composite	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

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 Multiferroic 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

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 3School 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

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

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	Acharya Nagarjuna University, Ongole, Andhra Pradesh, 523001, India.	Dr.P.L.N.Varma	Research Publication
Water Oxidation Electrocatalysis with a Cobalt-Borate-Based Hybrid System under Neutral Conditions	Gazi University, Ankara, 06500 Turkey	Dr. Sathya VijayaKumar	Research Publication
Iodine-Catalyzed Cross-coupling of Isocyanides and Thiols for the Synthesis of S-thiocarbamates	Central University of Rajasthan, Ajmer - 305817, Rajasthan, India	Dr.D.Nagaraju	Research Publication
Organocatalytic Synthesis of Spirocarbocycles	National Taiwan Normal University, Taipei, Taiwan.	Dr. Shaik Anwar,	Research Publication
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
Development and Validation of UPLC Method for Simultaneous Quantification of Carvedilol and Ivabradine in the Presence of Degradation Products using DoE Concept	AET Laboratories Pvt. Ltd, Kazipally Industrial Area, Hyderabad, Telangana, India.	Dr.N.Srinivasu	Research Publication

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

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

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

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

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

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

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 M-Polar Fuzzy Graphs and Product M-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

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

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

Unusual Mixed Valence of Eu in Two Materials:EuSr ₂ Bi ₂ S ₄ F ₄ and Eu ₂ SrBi ₂ S ₄ F ₄ : Mössbauer and X ray Photoemission Spectroscopy -	Indian Institute of Technology, New Delhi 110016, India ‡ Institut für Anorganische und Analytische Chemie, Universität Münster, Corrensstrasse 30, D-48149 Münster, Germany	Dr. R.Parthasarathy & Birgit Gerke‡, Theresa Block‡, Lukas Heletta‡,	Research Publication
N-, O-, and S-tridoped Carbon-encapsulated Co ₉ S ₈ Nanomaterials: Efficient BifunctionalElectrocatalysts for Overall Water Splitting	Institute for Catalysis, Hokkaido University, Kita 21 Nishi 10, Kita-ku, Sapporo, Japan	Dr. Anandarupgoswami & Yuhui Hou	Research Publication
Fe(III)-functionalized carbon dots - Highly efficient photoluminescence redox catalyst for hydrogenations of olefins and decomposition of hydrogen peroxide	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	Dr. Anandarupgoswami & Athanasios B.Bourlinos, Radek Zboril	Research Publication
Ag@CoxPCore@Shell Heterogeneous Nanoparticles as Efficient Oxygen Evolution Reaction Catalysts	Rutgers University	Dr. Anandarupgoswami & Tewodros Asefa, Mingmei Wu	Research Publication
Stereoselective Total Synthesis of Decarestrictine J	IICT, Hyderabad.	Ch.N.S.Sai Pavan Kumar & V. J. Rao	Research Publication
Foam stabilization by magnesium	IIT Madras, Chennai	Dr. Santhosh kumar bhogi	Research Publication

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, Vignan's 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	Vignan's 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

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

Ferrocene-Functionalized Cu(I)/Ag(I) Dithiocarbamate Clusters	National Dong Hwa University, Hualien, Taiwan 97401, R. O. C.	Pilli V. V. N. Kishore, Jian-Hong Liao, Hsing-Nan Hou, Yan-Ru Lin, and C. W. Liu.	Research Publication
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	National Chiao Tung University, Hsinchu 300, Taiwan	Reguram Arumugaperumal, Venkatesan Srinivasadesikan, Ming-Chang Lin, Muthaiah Shellaiah, Tarun Shukla and Hong-Cheu Lin	Research Publication
An Expedient Synthesis of New 2-(Furoxan-3-yl) Thiazolidin-4-one Derivatives	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	Singam Naveen Kuma, Chebolu Naga Sesha Sai Pavan Kumar, Sri Ranga Vanarasi Anudeep, Kirti Kumari Sharma, Vaidya Jayathirtha Rao, and Nanubolu Jagadeesh Babu	Research Publication
Maximal Ideal of Compact Connected Topological Ternary Semigroups	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 ,Tundurru , Bhimavaram , A.P.	G.Srinivasarao, D.Madhusudhanarao, P. Siva Prasad, & M.Vasantha	Research Publication
A Note on Radius and Diameter of A Graph W.R.T. D-Distance	K. L. University, Vaddeswaram, GUNTUR, A.P. 522502, India, V. F. S. T. R. University, Vadlamudi, GUNTUR A.P. 522237 India.	D. Reddy Babu and P. L. N. Varma	Research Publication

Electrical and Electrochemical Studies of Nanocrystalline Mesoporous MgFe ₂ O ₄ as Anode Material for Lithium Battery Applications	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.	D.Narsimulu, B. Nageswara Rao, M.Venkateswarlu, E.S.Srinadhu, and N.Satyanarayana	Research Publication
Enhanced Electrochemical Performance of Carbon-Coated LiMPO ₄ (M = Co and Ni) Nanoparticles as Cathodes for High-Voltage Lithium-Ion Battery	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. Ramesh Kumar, V. Madhusudhan Rao, Nageswara Rao B, M. Venkateswarlu and N. Satyanarayana	Research Publication
Significant Correlations Between Levitation-Suspension Forces and Critical Current Densities in Bulk YBCO/Ag Composite Superconductors Fabricated by Infiltration and Growth Processing Technique	School of Physics, University of Hyderabad, Gachibowli, Hyderabad 500046, India, Department of Chemistry, Indian Institute of Technology Delhi, Hauz Khas, New Delhi 110016, India.	Parthasarathy R and Seshubai V	Research Publication
Micro and Nanoindentation Analysis of Porous Anodic Alumina Prepared in Oxalic and Sulphuric Acid	Department of Physics, National Institute of Technology Karnataka, Surathkal, Mangalore, 575025 India.	P. Ramana Reddy, K.M.Ajith and N.K.Udayashankar	Research Publication
Contact Angle Measurement Studies on Porous Anodic Alumina Membranes Prepared Using Different Electrolytes	Nanomaterials and Crystal growth Laboratory, Department of Physics, National Institute of Technology Karnataka, Surathkal, Mangalore, 575025 India.	P. Ramana Reddy, Ajith K. M. and N. K. Udayashankar.	Research Publication

Fibrous porous Carbon Electrocatalysts for Hydrazine Oxidation by Using Cellulose Filter Paper as Precursor and Self-Template	<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>	Research Publication
2015-16			
Estimation of Metals in Godavari River Water By Icp-MS During Maha Puskaram in East and West Godavari District, Andhra Pradesh, India	Vignan's Foundation for Science, Technology and Research University, Vadlamudi, Guntur 522 213 Andhra Pradesh, India.	T. Vijaya prasadini and N. Srinivasu	Research Publication
Analysis of Titanium-Doped Indium Oxide Based Optically Transparent Patch Antenna for Terahertz Communications	National Institute of Technology, Tiruchirappalli 620015, India, Vignan University, Vadlamudi, Guntur 522213, India.	S. Anand, D. M. Sudesh, D. Sriram Kumar, and C. Murthy	Research Publication
Influence of (La, Cu) Doping on The Room Temperature Multiferroic Properties of BiFeO ₃ Ceramics	Abdur Rahman University, Chennai, Tamil Nadu, India, Vignan's University, Guntur, Andhra Pradesh, India	Sathiya Priya, I. B.Shameem Banu and Murthy Chavali	Research Publication
Bioremediation of Sewage Waste Waters by The Phototrophic Bacterial Consortium Isolated From Sewage Water	Mahatma Gandhi Institute of Technology, Hyderabad, India. Mahatma Gandhi University, Nalgonda-508254, India, Vignan's University, Guntur, India.	Ramchander Merugu, Ravi Chandar Maraju, Sabina Harold, Madhusudhan Rao V, and Nagaraju Devanuri	Research Publication

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