



**Sri Ramakrishna Mission Vidyalaya College of Arts and Science
Coimbatore - 641 020**

(An Autonomous Institution affiliated to Bharathiar University and Re-accredited by NAAC with 'A' grade)

Internal Quality Assurance Cell

3.4. Research Publications and Awards

3.4.3. Research Paper Publications

List of Research papers published in the year 2018

Research Papers published in the year 2018

Title of paper	Name of the author/s	Department of the teacher	Name of journal
THIRUGNANASAMBANDHAR PATHIGATHIL SAMANAM	Dr. R. Gokul	Tamil	AYIDHA EZHUTHU
Portrayal of Sundarban in Amitav Ghosh's "The Hungry Tide"	A.Thiyagu	English	Language In India
Intersection of Modernist Elements of Memory, Time, Narrative techniques and symbolism in Jorge Luis Borges' The Secret Miracle	Athira T.P & Dr.R.Chandrasekar	English	New Man International Journal of Multidisciplinary Studies
The Transformation of American Culture In Stephen King's From A Buick 8	M. Selvam and Dr. R. Chandrasekar	English	New Man International Journal of Multidisciplinary Studies
Portrayal of Women as a Villain in Stephen King's Carrie	M. Selvam and Dr. R. Chandrasekar	English	Working Papers on Linguistics and Literature
Isolation and Silent Suffering in Susan Hill's The Spring Time of The Year	N. Shanmugan M. Selvam	English	Roots International Journal of Multidisciplinary Researches
Discovering the Concealed History from Mythological Patterns in Ashwin Sangi,s The Krishna Key	Aryamol KB Dr. R.Chandrasekar	English	New Man International Journal of Multidisciplinary Studies
Vikram Seth as a Multivalent Citizen of the World	N.R. Lavanya Lt.Dr.V.Neelakandan	English	Bodhi International Journal of Research in Humanities, Arts and Science
Psychoanalytical Study on Preeti Shenoy's The One You Cannot Have	K. Nandhakumar	English	Language in India
An Intensive Study of Arthur Miller's Death of a Salesman as an Anti- Socialist Element	M. Selvam & Dr. R. Chandrasekar	English	Language in India
Psychology and Literature as Inter- Dependent Domains	Dr. L. Suresh	English	Language in India
Portrayal of Postcolonial Voices in Subramania Bharathi's " Panchali Sapatham"	K. Nandhakumar	English	Language in India
Portrayal of Sundarban in Amitav Ghosh's The Hungry Tide	A. Thiyagu	English	Language in India
The Perspective of Feministic Analysis In The Second And The Fury By William Faulkner	M. Selvam & Dr. R. Chandrasekar	English	International Journal of English Language, Literature in Humanities
The Existence of Religious Figures in J.R.R.Tolkien's The Silmarillion,The Lord of the Rings and The Hobbit	M. Selvam Dr. R. Chandrasekar N.Ravikumar	English	International Journal of Research and Analytical Reviews

Frodo Baggins: Representative of the Human Aspects of Jesus Christ in J.R.R.Tolkein's The Lord of the Rings	N.Ravikumar Dr. R. Chandrasekar	English	Languages in India
A Comparative Study of Magical Divulging and Modern Schema in C.S.Lewis' The Chronicles of Narnia and J.R.R.Tolkien's The Lord of the Rings	N. Ravikumar N. Shanmugam Dr. R. Chandrasekar	English	Languages in India
Forgotten Indigenous Themes in Indian English Poems-A Revisit	K.Mariappan	English	International Journal of English Language, Literature in Humanities
Discrepancies and Resemblances in the Reflections of Evil Nature in JRR Tolkien's The Lord of the Rings and The Simarillion	N.Ravikumar Dr. R. Chandrasekar	English	RJELAL
The Existence of Norse Myth Spirituality and Human Values in J.R.R. Tolkien's The Lord of The Rings	N.Ravikumar Dr. R. Chandrasekar	English	International Journal of Trend in research and Development
The Existence of Feminine Masculinity in a Classic Epic Fantasy of J.R.R. TOLKIEN'S the Silmarillion and The Lord of the Rings	N.Ravikumar Dr. R. Chandrasekar	English	International Journal of English and Literature
SHG : A Key to Microfinance in India	Dr. C.Vellaichamy and S.Tamilvani	Cooperation	Journal of Management and Science
A Study on SHG - Banking Linkage Programme Through Thindalmalai PACS	Dr. C.Vellaichamy and D.Maharani	Cooperation	Journal of Management and Science
A Credit Co-operative Movement Linking of Self Help Group in Tamilnadu - A Study	Dr. C.Vellaichamy and S.Kesavan	Cooperation	Journal of Management and Science
Problems and Prospectus of Cooperatives'	Dr.G.Thanikacchalam	Cooperation	Journal of Interdisciplinary Cycle Research
Farmers Perception towards occupational Stability of Agricultural Production cooperative Marketing Society in Coimbatore District, Tamil Nadu: A study	Dr.S.Velanganni	Cooperation	International Journal of management and Social Science Research Review
A Study on problems Faced By The Housing Finance Institution And The Borrowers	Dr.P.Velusamy	Cooperation	International Journal of Business and Administration Research Review
A Study on General Working of the Nilgiris District Plantation Workers Cooperative Thrift and Credit Society	Dr.R.Vasakarajan	Cooperation	Intercontinental Journal of Finance Research Review
A Study on Profitability Analysis of the Nilgiris District Tea Plantation Workers Cooperative Thrift and Credit Society	Dr.R.Vasakarajan	Cooperation	Intercontinental Journal of Finance Research Review
A Study on Working Capital Analysis of the Nilgiris District Tea Plantation Workers Cooperative Thrift and Credit Society	Dr.R.Vasakarajan	Cooperation	Intercontinental Journal of Finance Research Review
Quality of services offered by Urban Cooperative banks in Tamilnadu : A study	Dr.P.Karthikeyan	Cooperation	International Journal of Management and

			Social Science Research Review
Members Perception on Tiruchengode Agricultural Producers Cooperative Marketing society in Tamilnadu : A Study	Dr.P.Karthikeyan	Cooperation	Literary Findings International Journal of Multidisciplinary Research
Development of Women Entrepreneurship – A Study	Dr.S.Maheshkannan	Cooperation	Journal of Management and Science
Influence of social networking sites on college students	Dr. K.Thirumalaisamy	Social Work	Shanlax International Journals of Arts, Science and Humanities, 5 (1)
Growth opportunities and problems of women working in non-standard hours	Sri J.B Chandra Sekar and Dr. C. Elancheliyan	Social Work	Shanlax International Journals of Arts, Science and Humanities, 5 (4), 2018
A study on women empowerment and functions of self help groups in Karamadai Panchayat union, Coimbatore District	Dr. C.Elancheiyan and Sri J.B Chandra Sekar	Social Work	Journal of Management and Science, 1,
Skill Development through Community Service: A Social Responsibility of Educational Institutions	Dr. K. Thirumalaisamy	Social Work	Asian Review of Social Sciences
A study on the Impact on Skill-based Education in India	Dr. P. Rajavel Dr. K. Kandappan	Social Work	Asian Review of Social Sciences
Emotional Intelligence of Undergraduates: Role of Educational Institutions	Sri J.B. Chandra Sekar	Social Work	Asian Review of Social Sciences
Controllability for a class of second order evolution differential inclusions without compactness.	1. V. Vijayakumar 2. R. Murugesu	Dr. R. Murugesu Mathematics	Applicable Analysis
Approximate Controllability of Second-order Neutral Evolution Equations with Non local Conditions.	1. M. Tamil Selvan 2. R. Murugesu	Dr. R. Murugesu Mathematics	Journal of Global Research in Mathematics
Existence results of Sobolev type neutral impulsive integrodifferential equations in Banach Spaces.	1. R. Poongodi 2. R. Murugesu 3. R. Nirmalkumar	Dr. R. Murugesu Mathematics	Proceedings of the Jangjeon Mathematical Society
Exact Controllability of non-local stochastic neutral impulsive differential equations.	1. R. Nirmalkumar 2. R. Murugesu	Dr. R. Murugesu Mathematics	International Journal of Nonlinear Studies
Controllability results for mixed Volterra-Fredholm type fractional integrodifferential equations with infinite delay in Banach spaces.	1. R. Nirmalkumar 2. R. Murugesu	Dr. R. Murugesu Mathematics	International Journal of Nonlinear Studies

Approximate controllability of second-order stochastic non-autonomous Integro-differential inclusions by Resolvent operators.	1. R. Nirmalkumar 2. R. Murugesu	Dr. R. Murugesu Mathematics	Communications Faculty of Science University of Ankara. Series A1 Mathematics and Statistics
Three-Point Multi-term Fractional integral Boundary Value Problems of fractional functional differential equations with delay	1. K. Sathiyathan 2. V. Krishnaveni 3. M. Sivabalan	Dr. K. Sathiyathan Mathematics	Journal of Discontinuity, Nonlinearity and Complexity
Relative controllability results for nonlinear higher order fractional delay integrodifferential systems with time varying delay in control.	1. M. Sivabalan 2. K. Sathiyathan	Dr. K. Sathiyathan Mathematics	Communications Faculty of Science University of Ankara Series A1 Mathematics and Statistics
Controllability of higher order fractional delay damped dynamical systems.	1. M. Sivabalan 2. K. Sathiyathan	Dr. K. Sathiyathan Mathematics	International Conference on Applied and Computational Mathematics
Dynamics of Diffusive Ratio - Dependent Predator -Prey Sysytm along with Leslie - Gower Model and Harvesting	1. R. Sivasamy 2. K. Sathiyathan	Dr. K. Sathiyathan Mathematics	Journal of Research in Applied Mathematics
Existence of postive solutions for system of second order Integro-differential Equations with Multi-point Boundary condition on Time Scales	1. V. Krishnaveni 2. K. Sathiyathan	Dr. K. Sathiyathan Mathematics	Journal of Applied Nonlinear Dynamics
Exploring the dynamics of three species delayed food chain model with harvesting	1. R. Sivasamy 2. S. Vinoth 3. K. Sathiyathan	Dr. K. Sathiyathan Mathematics	International Conference on Applied and Computational Mathematics
Dynamics of a diffusive Leslie - Gower predator- prey model with nonlinear prey harvesting	1. R. Sivasamy 2. K. Sathiyathan	Dr. K. Sathiyathan Mathematics	Annual Review of Chaos Theory, Bifurcation and Dynamical System
Some existence and stability results for Hilfer-fractional implicit differential equations with nonlocal conditions	1. D. Vivek 2. K. Kanagarajan 3. E. M. Elsayed	Dr. K. Kanagarajan Mathematics	Mediterranean Journal of Mathematics
Dynamics and stability of Hilfer-Hadamard type fractional differential equations with boundary conditions.	1. D. Vivek 2. K. Kanagarajan 3. S. Harikrishnan	Dr. K. Kanagarajan	Journal of Nonlinear Analysis and Application

		Mathematics	
Katugampola-type fractional differential equations with delay and impulses	1. M. Janaki 2. E. M. Elsayed 3. K . Kanagarajan	Dr. K. Kanagarajan Mathematics	Open Access Journal of Mathematical and Theoretical Physics
Stability of Fractional Differential Equations without Singular Kernel.	1. S. Harikrishnan 2. K . Kanagarajan 3. D. Vivek	Dr. K. Kanagarajan Mathematics	Journal of Discontinuity, Nonlinearity, and Complexity
On the behaviour of solutions of fractional differential equation on time scale via Hilfer fractional derivatives.	1. Devaraj Vivek 2. Kuppusamy Kanagarajan 3. Seenith Sivasundaram	Dr. K. Kanagarajan Mathematics	Fractional Calculus and Applied Analysis
Approximate controllability of impulsive neutral functional integrodifferential systems with nonlocal conditions.	1. A. Yasotha 2. K . Kanagarajan		Journal of Discontinuity, Nonlinearity, and Complexity
Dynamics and stability of q-fractional order pantograph equations with nonlocal conditions.	1.Vivek Devaraj 2. Kuppusamy Kanagarajan 3. seenith Sivasundaram	Dr. K. Kanagarajan Mathematics	Journal of Mathematics and Statistics
Stability analysis and dynamics of impulsive differential equations under Hilfer fractional derivative.	1. S. Harikrishnan 2. K . Kanagarajan 3. S. Sivasundaram	Dr. K. Kanagarajan Mathematics	Nonlinear studies
Note on the solution of random differential equations via Hilfer fractional derivative.	1. S. Harikrishnan 2. Kamal Shah 3. Dumitru Baleanu 3. K . Kanagarajan	Dr. K. Kanagarajan Mathematics	Advances in Difference Equations
Dynamic analysis of Hilfer Hadmard type fractional pantograph equations via successive approximation.	1. D. Vivek 2. Kamal Shah 3. K . Kanagarajan	Dr. K. Kanagarajan Mathematics	Journal of Taibah University for Science
Nonlocal initial value problems for implicit differential equation with Hilfer-Hadamard fractional derivative.	1. Devaraj Vivek 2. Kuppusamy Kanagarajan 3. Elsayed M. Elsayed	Dr. K. Kanagarajan Mathematics	Nonlinear analysis: Modelling and control
Existence theory and continuation analysis of nonlinear pantograph equation via Hilfer-Hadamard fractional derivative.	1. D. Vivek 2. Kamal Shah 3. K . Kanagarajan	Dr. K. Kanagarajan	Dynamics of Continuous, Discrete and Impulsive Systems – Series A:

		Mathematics	Mathematical Analysis
Existence and uniqueness results for fractional pantograph equation involving x - Hilfer-Hadamard fractional derivative.	1. S. Harikrishnan 2. E. M. Elsayed 3. K. Kanagarajan	Dr. K. Kanagarajan Mathematics	Dynamics of Continuous, Discrete and Impulsive Systems – Series A: Mathematical Analysis
Existence and stability of Langevin equations with two Hilfer-Katugampola fractional derivatives	1. Rabha W. Ibrahim 2. Sugumaran Harikrishnan 3. uppusamy Kanagarajan	Dr. K. Kanagarajan Mathematics	Studia University Babes – Bolyai Mathematics
Existence and Uniqueness of solutions for a coupled system of Higher order fractional differential equations with integral boundary conditions.	1. P. Duraisamy 2. T. Nandha Gopal	Dr. T. Nandha Gopal Mathematics	Journal of Discontinuity, Nonlinearity, and Complexity
Effect of Elastic Deformation on Nano-Second Grade Fluid Flow over a Stretching Surface	1. R. Kalaiivanan 2. B. Ganga 3. N. Vishnu Ganesh 4. A.K. Abdul Hakeem	Dr. A.K. Abdul Hakeem Mathematics	Frontiers in Heat and Mass Transfer
Elastic Deformation Effects on Heat and Mass Fluxes of Second Grade Nanofluid Slip Flow Controlled by Aligned Lorentz Force	1. A.K. Abdul Hakeem 2. R. Kalaiivanan 3. B. Ganga 4. N. Vishnu Ganesh	Dr. A.K. Abdul Hakeem Mathematics	Journal of Nanofluids
Non-linear radiation effects on magnetic/non-magnetic nanoparticles with different base fluids over a flat plate.	1. S. Saranya 2. P. Ragupathi 3. B. Ganga 4. R.P. Sharma 5. A.K. Abdul Hakeem	Dr. A.K. Abdul Hakeem Mathematics	Advanced Powder Technology
Effect of space and temperature dependent internal heat generation/absorption on Casson fluid flow in the presence of an inclined magnetic field.	1. P. Renuka 2. B. Ganga 3. A.K. Abdul Hakeem	Dr. A.K. Abdul Hakeem Mathematics	Malaya Journal of Matematik
Impacts of chemical reaction on MHD double diffusive flow with suction/blowing and slip.	1. A. Malarselvi 2. M. Bhuvaneswari 3. S. Sivasankaran 4. B. Ganga 5. A.K. Abdul Hakeem	Dr. A.K. Abdul Hakeem Mathematics	International Conference on Applied and Computational Mathematics

Thermosolutal combined convection in a lid-driven enclosure with time periodic heating and linearly salting.	1. S.S. Ananthan 2. S. Sivasankaran 3. M. Bhuvanewari 4. A.K. Abdul Hakeem	Dr. A.K. Abdul Hakeem Mathematics	International Conference on Applied and Computational Mathematics
Effects of Inclined Magnetic Field on Entropy Generation in Nanofluid Over a Stretching Sheet with Partial Slip and Nonlinear Thermal Radiation.	1. B. Ganga 2. M. Govindaraju 3. A.K. Abdul Hakeem	Dr. A.K. Abdul Hakeem Mathematics	Iran J Sci Technol Trans Mech Eng.
Influence of Cattaneo-Christov Heat Flux Model on Mixed Convection Flow of Third Grade Nanofluid over an Inclined Stretched Riga Plate.	1. M.K. Nayak 2. A.K. Abdul Hakeem 3. O.D. Makinde	Dr. A.K. Abdul Hakeem Mathematics	Defect and Diffusion Form
Room Temperature Gas Sensing Properties of Sn-Substituted Nickel Ferrite (NiFe ₂ O ₄) Thin Film Sensors Prepared by Chemical Co-Precipitation Method	V.Manikandan, Xiaogan Li, R.S.Mane & J.Chandrasekaran	Physics	Journal of Electronic Materials
Thermal annealing effects on structural, optical and electrical properties of V ₂ O ₅ nanorods for photodiode application	M.SethuRaman, N.Senthilkumar, J.Chandrasekaran, R.Priya, P.Baraneedharan, MurthyChavali	Physics	Optik
Impact of Zr content on multiphase zirconium-tungsten oxide (Zr-WO _x) films and its MIS structure of Cu/Zr-WO _x /p-Si Schottky barrier diodes	R.Marnadu, J.Chandrasekaran, M.Raja, M.Balaji, V.Balasubramani	Physics	Journal of Materials Science : Materials in Electronics
Spectroscopic investigations on new organic NLO crystal – 2-amino-5-cyano-1,3,4-dinitrophenolate	Pullithodi Mohamed Kutty, Joseph Chandrasekaran, Balraj Babu and Yoshitaka Matsushita	Physics	Zeitschrift fur Physikalische Chemie
Synthesis and Characterizations of pure CdO and Ag doped CdO nanostructures for P-N junction diode applications	K.Mohanraja, D.Balasubramanian, J.Chandrasekaran, A.ChandraBosec	Physics	Materials Science in Semiconductor Processing
Impact of Ce content on cubic phase cerium-cadmium oxide (Ce-CdO) nanoparticles and its n-CeCdO/p-si junction diodes	K.Mohanraj, D.Balasubramanian, K.Porkumar, N.Jhansi & J.Chandrasekaran	Physics	Journal of Materials Science Materials in Electronics
Structural, optical, morphological and electrical properties of V ₂ O ₅ nanorods and its Ag/n-V/p-Si/Ag diode application	Thangarasu, R.; Senthilkumar, N.; Babu, B.; Mohanraj, K.;	Physics	Journal of Advanced Physics

	Chandrasekaran, J.; Balasundaram, O.		
MoO ₃ Overview: hexagonal plate like MoO ₃ nanoparticles prepared by precipitation method	B.Gowtham, V.Ponnuswamy, G.Pradeesh, J.Chandrasekaran, D.Aradhana	Physics	Journal of Materials Science Materials in Electronics
Structural, optical, luminescence and morphological properties of rod shaped CdO biotemplate synthesized by via Hen egg-albumen extract for anticancer application	K.Mohanraj, D.Balasubramanian , M.Saravananbhavan, N.Jhansi, J.Chandrasekaran	Physics	International Journal of Thin film Science Technology
Efficient humidity-sensitive electrical response of annealed lithium substituted nickel ferrite (Li–NiFe ₂ O ₄) nanoparticles under ideal, real and corrosive environments	V.Manikandan, Iulian Petrila, S.Vigneselvan, Raghu Dharmavarapu, Saulius Juodkazis, S.Kavita, J.Chandrasekaran	Physics	Journal of Materials Science: Materials in Electronics
Effect of molybdenum on Li ₂ Mn ₄ O ₉ for rechargeable lithium ion batteries	K.K.Shaji, S.Sharmila, George Sushama, B.Janarthanan, J.Chandrasekaran	Physics	Ionics
Effect of Gamma Irradiation on Structural properties of CdTe thin films	Mohan Raj, J.Chandrasekaran, R.Karunathan, Babu Balraj	Physics	Chemical Letters
New nanostructured poly(m-toluidine-co-2-ethylaniline) copolymer doped with hydrochloric acid: Preparation and properties	A.Mahudeswaran, J.Vivekanandan, P.Vijayanand, J.Chandrasekaran	Physics	International Journal of Recent Technology and Engineering
2-Amino-6-methylpyridinium nitrophenolate nitrophenol : An organic multiple charge-transfer complex with large second harmonic generation for optoelectronics applications	B.Babu, J.Chandrasekaran, V.Jayaramakrishnan, Mon-Shu Ho, K.Thirupugalmani, S.Chandrasekar, R.Thirumurugan	Physics	Journal of Thermal Analysis and Calorimetry
Synthesis and characterization of tungsten disulfide thin films by spray pyrolysis technique for n-WS ₂ /p-Si junction diode application	P.Sumathi, J.Chandrasekaran, R.Marnadu, S.Muthukrishnan, S.Maruthamuthu	Physics	Journal of Materials Science: Materials in Electronics
Effect of calcination process on Cdo-Zno nanocomposites by a honey – assisted combustion for antimicrobial performances	Gopi Somasundaram, Jayaprakash Rajan, Justin Paul	Physics	Toxicology Research

Synthesis and Characterization of BaFe ₂ O ₄ nano-ferrites for gas sensor applications	R.Dilip, R.Jayaprakash	Physics	Journal of Energy, Ecology and Environment
Tuning effect Sn doping on structural, morphological, optical, electrical and photocatalytic properties of iron oxide nanoparticles	P.Sangaiya, R.Jayaprakash	Physics	Journal of Materials Science in Semiconductor Processing
Influence of intramolecular hydrogen bonding interaction on the molecular properties of N-p-tolyl-5-oxo pyrrolidine-3-carboxylic acid: A theoretical and experimental study	P. Muthuraj T. Shanmugavadiivu T. Joselin Beaula V .Bena Jothy M. Dhandapani	Chemistry	Chemical Physics Letters
Preparation, Electrical and Magnetic Properties of Poly(m-phenylenediamine)/ZnFe ₂ O ₄ Nanocomposites	A. Muthusamy V. Jawahar N. Kannapiran S. Ananad S.S. Meena S.M. Yusuf	Chemistry	Journal of Superconductivity and Novel Magnetism
Investigation of magnetic, dielectric and ethanol sensing properties of poly(o-phenylenediamine)/NiFe ₂ O ₄ nanocomposites	N. Kannapiran A. Muthusamy B. Renganathan A.R. Gansean R. Jayaprakash	Chemistry	Journal of Materials Science: Materials in Electronics
Supramolecular network through NH... O, OH... O and CH... O hydrogen bonding interaction and density functional theory studies of 4-methylanilinium-3-carboxy-4-hydroxybenzenesulphonate crystal	M. Rajakumar P. Muthuraja M. Dhandapani, A. Chandramohan	Chemistry	Journal of Molecular Structure
Experimental and quantum chemical studies of a new organic proton transfer compound, 1H-imidazol-3-ium-3-hydroxy-2,4,6-trinitrophenolate	M. Dhandapani K Sathya M. Dhamodharan	Chemistry	Journal of Molecular Structure
Hydrogen bonded 2-methyl-1H-imidazol-3-ium 3,5-dinitrobenzoate 3,5-dinitrobenzoic acid, a new optical crystal: Evaluation of properties by structural, spectral, quantum chemical calculations, z-scan and Hirshfeld studies	M. Dhandapani K Sathya M. Dhamodharan	Chemistry	Journal of Physics and Chemistry of Solids
Synthesis, characterization, optical, thermal and electrical properties of polybenzimidazoles	S. Anand A. Muthusamy S. Dineshkumar N. Kannapiran	Chemistry	Journal of Macromolecular science, Part A Pure and Applied Chemistry
Synthesis and characterization of oligobenzimidazoles: Electrochemical, electrical, optical, thermal and rectification properties	S. Anand A. Muthusamy	Chemistry	Journal of Molecular Structure

The Efficient Removal of Heavy Metal Ions from Industry Effluents Using Waste Biomass as Low-Cost Adsorbent: Thermodynamic and Kinetic Models	P. Indhumathi S. Sathiyaraj J.P. Koelmel S.U. Shoba M. Saravanabhavan C. Jayabalakrishnan	Chemistry	Zeitschrift für Physikalische Chemie
Synthesis, Structural, Magnetic and Electrical Characterization of Poly(o-phenylenediamine)/CoFe ₂ O ₄ Nanocomposites	N. Kannapiran A. Muthusamy S. Anand R. Jayaprakash	Chemistry	Journal of Superconductivity and Novel Magnetism
Spectral, optical, thermal, Hirshfeld analysis and computational calculations of a new organic proton transfer crystal, 1H-benzo[d][1,2,3]triazol-3-ium-3,5-dinitrobenzoate	M. Dhandapani K Sathya M. Dhamodharan	Chemistry	Journal of Physics and Chemistry of Solids
Structural characterization and DFT study of a new optical crystal: 2-amino-3-methylpyridinium-3, 5-dinitrobenzoate	M. Dhandapani K Sathya M. Dhamodharan	Chemistry	Optics and Laser Technology
Hydrogen bonding interactions on 1H-1,2,3-triazole based crystals: Featuring experimental and theoretical analysis	P. Muthuraj T. Joselin Beaula V .Bena Jothy M. Sethuram M. Dhandapani	Chemistry	Current Applied Physics
Removal of Cr(VI) from aqueous solution using coir pith biochar – An eco-friendly approach	L. Vidhya M. Dhandapani K. Shanthi S. Kamala Kannan	Chemistry	Indian Journal of Chemical Technology
Synthesis, Crystal structure, thermal mechanical and laser damage threshold studies of an NLO active Organic molecular Adduct: 4-Acetylpyridine: 4-aminobenzoicacid,	T. Daisy Rani M. Rajkumar A. Chandramohan,	Chemistry	Material Letters
Synthesis, characterization, thermal, electrical and electrochemical studies of oligo nitrobenzimidazoles and their p–n diode applications	S. Anand A. Muthusamy N. Kannapiran	Chemistry	Journal of Materials Science: Materials in Electronics
Pesticidal compound Pirimicarb: Spectral analysis, DFT computations, molecular docking study and in vitro bioactivity	P. Divya P. Muthuraja M. Dhandapani V. Bena Jothy	Chemistry	Chemical Physics Letters
Crystal structure and third order nonlinear optical studies on 2-phenylbenimidazolium-p-toluenesulphonate	C. Sudhakar M. Saravanabhavan M. Sekar B. Babu J. Chandrasekaran	Chemistry	Journal of Structural Chemistry
Theoretical and Experimental Studies About the Inhibitive Action of Ruellia tuberosa L on Mild Steel in HCl Medium,	S. Kathiravan R. Ragul G. Raja J. Ravichandran	Chemistry	Journal of Bio and Tribio Corrosion

Synthesis and in vitro Biological Evaluation of 6-chloro dibenzo[c,f][2,7]naphthyridine	A. Murugesh S.P. Rajendran	Chemistry	International Journal of Advanced Scientific Research and Management
Effect of charge transfer with spectral analysis on the antibacterial compound 4-(Dimethyl amino) pyridine: 3, 5-Dinitrobenzoic acid: Experimental and theoretical perspective	P. Muthuraj T. Joselin Beaula V .Bena Jothy M. Dhandapani	Chemistry	Journal of Molecular Structure
Structural, computational and Hirshfeld surface analysis of a proton transfer crystal, amino (2-(propan-2-ylidene) hydrazinyl) methaniminium picrate	T. Shanmugavadivu S. Balachandar P. Muthuraj M. Dhandapani	Chemistry	Journal of Molecular Structure
Synthesis, characterization, stereochemistry, biological investigation and DNA binding studies on N-acyl-t-3- ethyl-r-2,c-6-bis (4-methoxyphenyl) piperiding-4-ones,	V. Mohanraj S. Ponnuswamy	Chemistry	Journal of Molecular Structure
Anticorrosion Performance of MitracarpusHitrus extract on mild steel in 1 MHcl	R. Ragul S. Kathiravan A. Murugesh J. Ravichandran	Chemistry	Journal of Bio and Tribo-corrosion
DNA binding studies through electronic absorption and electrochemical method: Structural elucidation, Thermal and Hardness Characterization of 2-Methyl imidazonium-3-nitrothalate	C. Sudhakar M. Saravanabhavan M. Rajkumar S. Muhammad M. Sekar	Chemistry	Chemical Sciences Journal
Synthesis, single crystal XRD and Molecular docking of 3- α -carboxy ethyl rhodanine	K. Sundaram S. Ravi M. Thenmozhi V. Mohanraj	Chemistry	Asian Journal of Chemistry
Different Methods of Fertility Treatments – A Study	N.Nandakumar R.Thangavel K.Shanmugasundaram	Electronic s	International Journal of Engineering and Techniques
Modeling Concept Of Automated System For Human Penis Erection, Ejaculation And Sperm Sampling Technique	N.Nandakumar R.Thangavel K.Shanmugasundaram	Electronic s	Journal of Emerging Technologies and Innovative Research
A Review on Plant Disease Detection Based on Image Processing Techniques	Dr.R.Thangavel	Electronic s	International Journal of Modern Electronics and Communication Engineering

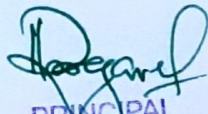
A Review - Performance analysis of various Multipliers for the design of digital processors	Dr.R.Thangavel	Electronic s	International Journal of Modern Electronics and Communication Engineering
Applications Of Image Fusion And Change Detection Techniques: A Review	Dr.R.Thangavel, V.S. Priya Sumith	Electronic s	Journal of Emerging Technologies and Innovative Research
Innovative Solution For Assessing And Monitoring Underground Pipeline System By Sensor Network	Dr.R.Thangavel, P.P. Sumi	Electronic s	Journal of Emerging Technologies and Innovative Research
Types Of Oil Spill Detection Algorithms – An Overview	Dr.R.Thangavel, P. Jayachandral, M. Kannan	Electronic s	Journal of Emerging Technologies and Innovative Research
Synthesis, characterization, structural and optical properties of nebulizer spray coated Cd: ZnO nanocrystalline thin films	Dr.K.Dhanakodi , Dr.P.Thirunavuk karasu, Dr.K.Shanmuga Sundaram, V. Kalaiselvi, R. Mathammal	Electronic s	Journal of Applied Science and Computations
Investigation on Al doped ZnO thin films and its n-AlZnO/p-Si junction diodes via dip coating and JNSP techniques	Dr.P.Thirunavuk karasu, S. Kalidas, M. Balaji, J. Chandrasekaran	Electronic s	Journal of Oriental Journals of Chemistry
Optimization and characterization of ZnO Thin Films Deposited by the of Dip Coating	Dr.P.Thirunavuk karasu, S. Kalidas, M. Balaji, J. Chandrasekaran	Electronic s	International Journal of Research

A Survey on Enhanced Bandwidth Management Technique to Offer Quality of Service	Dr.A.V.Ramani, Dr.M.Ravichandran, S.Somasundaram	Computer Science	International Journal of Research and Analytical Reviews
A Firefly Approach for Prioritizing Functional and Nonfunctional Requirements	J. Yesudoss, A.V.Ramani	Computer Science	INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN COMPUTER SCIENCE (IJARCS)
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Pattern generation based Reverse Engineering on Database Relation Scheme using Enhanced Association Rule Mining	Dr.A.V.Ramani	Computer Science	International Journal of Applied Engineering Research
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