



**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 2021

**Research Papers published in the year 2021**

<b>Title of paper</b>	<b>Name of the author/s</b>	<b>Department of the teacher</b>	<b>Name of journal</b>
NEELAGIRI BADUGARINA MAKKALIN VAAZHVIYAL KOORUGALIL ULLA VAAIMOZHI OSAIGAL	Dr. R. Gokul	Tamil	Journal of Modern Tamil Research
NEELAGIRI VAAZ BADUGARINA MAKKALIN VAAZHVIYAL SAARNTHA UNAVIYAL	Dr. R. Gokul	Tamil	Classical Tamizh
IYARKAI IZHAIODUM BADUGARINA MAKKALIN VAAZHVIYAL	Dr. R. Gokul	Tamil	Journal of Modern Tamil Research
Thamizhachi Thangapandi Kavithaikalil Azhakiyal Nokku	Dr. R. Abimanyu	Tamil	Journal of Modern Tamil Research
Panniru Thirumuraigalil Vazhviyal Vazhipadu	Dr. R. Abimanyu	Tamil	Journal of Modern Tamil Research
Murukiyal Kotpattu Nokkil Murugapperumanin Dhasangam	Dr. R. Moorthy	Tamil	Journal of Modern Tamil Research
Thiranaayvu Nokil Penniya Ula Pagupaaivu	Dr.D.Rajakumar	Tamil	Journal of Modern Tamil Research
Ilakiyamum Thiranayvu Vagaimayum	Dr.D.Rajakumar	Tamil	Classical Tamizh
Sanga Ilakiyathil Makalir Vilaiyattugal	Dr.D.Rajakumar	Tamil	Journal of Modern Tamil Research
Spelling and Pronunciation Challenges Faced by the Tamil-Speaking Students in Coimbatore An Experimental Study	K. Nandhakumar & Dr V. Neelakandan	English	Kalyan Bharati
Eclectic Approach: A Perfect Tool to Enhance English Language Learning of the ESL Learners	A. Thiyagu & Dr V. Neelakandan	English	Kanpur Phillosophers
A Study of Non-Humans in Religious Perspective	K. Mahalingam & Dr. R. Chandrasekar	English	sambodhi.
Enhancing the Learning of Complex Stress Patterns in Terms of English Pronunciation to the ESL Learners in Coimbatore	K. Nandhakumar & Dr V. Neelakandan	English	Kala Sarovar
Financial Performance Evaluation Ingur Primary Agricultural Cooperative Credit Society Limited in Erode District, Tamilnadu	Dr. C.Vellaichamy and D. Maharani	Cooperation	GIS SCIENCE JOURNAL
A Comparative Performance of Primary Agricultural Cooperative Credit Societies in Coimbatore District, Tamilnadu	Dr. C.Vellaichamy and S. Kesavan	Cooperation	The Journal of Oriental Research Madras

A Study on the Financial Performance of Primary Agricultural Cooperative Credit Societies in Selam District	Dr. C.Vellaichamy and S. Kesavan	Cooperation	AEGAEUM JOURNAL
Innovative Cooperative Venture ; A Case Study of Thudiyalur Agriculture Service Cooperative Society Ltd.,Coimbatore	Dr.P.Velusamy and S.ArunKumar and B.Gopalakrihnan	Cooperation	International Journal of Business and Administration Research Reviwe
A Congruent Approach to normal Wiggly interval- Valued hesitant Pythagorean Fuzzy Set for Thermal Energy Storage Technique Selection Application	Samayam Narayanamoorthy, L. Ramya, Dr. S Kalaiselvan, Joshep Veerappan Annapoorani Daekook Kang,	Social Work	International Journal of Fuzzy Systems
The COVID-19 Vaccine perference for Youngsters Using PROMETHEE-II in the IFSS environment	Samayam Narayanamoorthy, Subramaniam Pragathi, Thirumalai Nallasivan Parthasarathi, Dr. S Kalaiselvan, Joshep Varghese Kureethara, Ranganathan Saraswathi, Poosamani Nithya Daekook Kang,	Social Work	Symmetry
An Adoptable Multi-Criteria Decision -Making Analysis to Select a Best Hair Mask Product - Extended Weighted Aggregated Sum Product	Samayam Narayanamoorthy, J.V. Brainy, Thangaraj Maniratinam,Dr. S Kalaiselvan, Joshep Varghese Kureethara, Daekook Kang,	Social Work	International Journal of Computational Intelligence Systems
Second-Order Slip and Thermal Jump Effects on MHD Flow of Nano-second Grade Fluid Flow over a Stretching Sheet	1. P. Ragupathi 2. S. Saranya 3. A.K.Abdul Hakeem	Mathematics	Advance in Fluid Dynamics
Dynamical Analysis of a delayed food chain model with additive allee effecct	1. S. Vinoth 2. R. Sivasamy 3. K. Sathiyathan 4. Grienggrai Rajchakit 5. P. Hammachukiattikul 6. R. Vadivel 7. Nallappan Gunasekaran	Mathematics	Advance in Difference equation

The dynamics of a Leslie type predator–prey model with fear and Allee effect	<ol style="list-style-type: none"> <li>1. S. Vinoth</li> <li>2. R. Sivasamy</li> <li>3. K. Sathiyathan</li> <li>4. Bundit Unyong</li> <li>5. Grienggrai Rajchakit</li> <li>6. R. Vadivel</li> <li>7. Nallappan Gunasekaran</li> </ol>	Mathematics	Advances in Difference equation
Dynamics of a Discrete-time Predator-Prey Model of Leslie type with Predator Harvesting	<ol style="list-style-type: none"> <li>1. S. Vinoth</li> <li>2. R. Sivasamy</li> <li>3. K. Sathiyathan</li> </ol>	Mathematics	Journal of Physics: Conference Series
Controllability of higher order fractional damped delay dynamical systems with time varying multiple delays in control	<ol style="list-style-type: none"> <li>1. M. Sivabalan</li> <li>2. K. Sathiyathan</li> </ol>	Mathematics	Advances in the Theory of Nonlinear Analysis and its Applications
Numerical analysis on the three-dimensional flow and heat transfer of multiple nanofluids past a Riga plate	<ol style="list-style-type: none"> <li>1. P.Ragupathi</li> <li>2. S. Saranya</li> <li>3. A.K.Abdul Hakeem</li> <li>4. B. Ganga</li> </ol>	Mathematics	Journal of Physics: Conference Series
Existence results for the Hadamard fractional differential equations and inclusions	<ol style="list-style-type: none"> <li>1. Subramanian Muthaiah</li> <li>2. Dumitru Baleanu</li> <li>3. Akbar Zada</li> <li>4.Thangaraj Nandha Gopal</li> <li>5. Shanmugam Muthukumar</li> </ol>	Mathematics	Journal of Physics: Conference Series
Three-Dimensional Viscous Dissipative Flow of Nanofluids Over a Riga Plate	<ol style="list-style-type: none"> <li>1. Ragupathi Pachiappan</li> <li>2.A.K. Abdul Hakeem</li> <li>3. Saranya Shekar</li> <li>4.B. Ganga</li> <li>5. Qasam Al-Mallal</li> </ol>	Mathematics	Journal of Heat and Mass Transfer Research
Analysis on Dynamics of Delayed Intraguild Predation Model with Ratio-Dependent Functional Response	<ol style="list-style-type: none"> <li>1. S. Magudeeswaran</li> <li>2.K. Sathiyathan</li> <li>3. R. Sivasamy</li> <li>4.S. Vinoth</li> <li>5. M. Sivabalan</li> </ol>	Mathematics	Discontinuity, Nonlinearity, and Complexity
Existence results for coupled system of nonlinear differential equations and inclusions involving sequential derivatives of fractional order	<ol style="list-style-type: none"> <li>1. M. Manigandan</li> <li>2.Subramanian Muthaiah</li> <li>3. T. Nandha Gopal</li> <li>4. R. Vadivel</li> <li>5. B. Unyong</li> <li>6.N. Gunasekaran</li> </ol>	Mathematics	AIMS Mathematics

Numerical Solution of Fuzzy Delay Differential Equations by Fifth Order Runge-Kutta Method	1. T.Muthukumar 2. T. Jayakumar 3.D. Prasantha Bharathi	Mathematics	Journal of University of Shanghai for Science and Technology
On Caputo-Hadamard fractional differential equations with nonlocal Hadamard fractional integral conditions	1. Subramanian Muthaiah 2.Sargunam Muthu 3. Ramasamy Sivasamy 4. Thangaraj Nandha Gopal	Mathematics	Mathematics in Engineering, Science and Aerospace
Existence and uniqueness of solutions for fuzzy mixed type of delay differential equations	1. D. Prasantha Bharathi 2. T. Jayakumar 3. T. Muthukumar 4. S. Vinoth	Mathematics	Journal of Applied Nonlinear Dynamics
Numerical Solution of Hybrid Fuzzy Mixed Delay Differential Equation by Fourth Order Runge-Kutta Method	1. D. Prasantha Bharathi 2. T. Jayakumar 3. S. Vinoth	Mathematics	Discontinuity, Nonlinearity, and Complexity
Dynamics of an HIV pathogenesis Model with Absorption and Saturation Incidence	1. Vinoth Sivakumar 2. Jayakumar Thippan 3. Prasantha Bharathi Dhandapani	Mathematics	Discontinuity, Nonlinearity, and Complexity
New Fuzzy Fractional Epidemic Model Involving Death Population	1. Prasantha Bharathi Dhandapani 2. Dumitru Baleanu 3. Jayakumar Thippan 4. Vinoth Sivakumar	Mathematics	Computer Systems Science & Engineering
Finned unit solidification with use of nanoparticles improved PCM	1. Fanghua Li 2. Noor Muhammad 3. Elham Abohamzeh 4. A.K. Abdul Hakeem 5. Mohammed Reza Hajizadeh 6. Z. Li 7. Quang-Vu Bach	Mathematics	Journal of Molecular Liquids
Three dimensional MHD Casson fluid flow over a stretching surface with variable thermal conductivity	1. B. Ganga 2. S. Charles 3. A.K. Abdul Hakeem 4. S. Nadeem	Mathematics	Journal of Applied Mathematics and Computational Mechanics
Transverse magnetic effects of hybrid nanofluid flow over a vertical rotating cone with Newtonian/non-Newtonian base fluids	1. A.K. Abdul Hakeem 2. S. Kirusakthika 3. B. Ganga 4. M. Khan	Mathematics	Waves in random and complex media

Marangoni Convection of Titanium Dioxide/Ethylene Glycol Dusty Nanoliquid MHD Flow Past a Flat Plate	1. N. Indumathi 2. A.K. Abdul Hakeem 3. B. Ganga 4. R. Jayaprakash	Mathematics	Advances in Fluid Dynamics. Lecture Notes in Mechanical Engineering.
On Caputo-Hadamard Type Fractional Differential Equations with Nonlocal Discrete Boundary Conditions	1. Murugesan Manikandan 2. Muthaiah Subramanian 3. Palanisamy Duraisamy 4. Thangaraj Nandha Gopal	Mathematics	Discontinuity, Nonlinearity and Complexity
Fabrication of NiS decorated hollow SnS nanobelts based photodiode for enhanced optoelectronic applications	N. Abhiram, D. Thangaraju, R. Marnadu, V. Santhana, J. Chandrasekaran, S. Gunasekaran, T. Alshahrani, H. Elhosiny Ali, Mohd. Shkir, N.S.M.P. Latha Devi	Physics	Journal of Nanoparticle Research
Performance evaluation of stepped multiple basin pyramid solar still	A. Prakash, R. Jayaprakash	Physics	Materials Today: Proceedings
The Augmentation of Photocatalytic Efficiency Due to the Transition Effect Between Spherical Shape and Rod-Like Structure of Sn Levels in ZnO Nanoparticles	A. Sabarinathan, R. Jayaprakash, S. Gopi, R. Robert	Physics	Journal of Inorganic and Organometallic Polymers and Materials
Development of YDC thin films by spray pyrolysis for the fabrication of p-Si/n-YDC photodiode	R. Suresh, M. Justin Paul, K. Thiruma Valavan, S. Karthik Kannan, R. Marnadu, J. Chandrasekaran, H. H. Hegazy, M. Aslam Manthrammel	Physics	Journal of Materials Science: Materials in Electronics
Effect of surface modification of WO <sub>3</sub> nanostructures on the performance for p-Si/n-WO <sub>3</sub> structure diodes	B. Gowtham, V. Ponnuswamy, J. Chandrasekaran, V. Balasubramani, R. Suresh, G. Pradeesh, S. Ramanathan	Physics	Inorganic Chemistry Communications
An in-depth examination of opto-electrical properties of In-Yb <sub>2</sub> O <sub>3</sub> thin films and fabricated Al/In-Yb <sub>2</sub> O <sub>3</sub> /p-Si (MIS) hetero junction diodes	K.S. Mohan, A. Panneerselvam, J. Chandrasekaran, R. Marnadu, Mohd. Shkir	Physics	Applied Nanoscience

A facile fabrication of Sn-doped CeO <sub>2</sub> nanocrystalline thin films with enhanced photodiode properties for optoelectronic applications	R.Siva Prakash, C.Mahendran, J.Chandrasekaran, R.Marnadu, S.Maruthamuthu, I.S.Yahia, Mohd.Shkir	Physics	Applied Physics A
Elucidation of efficient dual performance in photodegradation and antibacterial activity by a promising candidate Ni-doped MoO <sub>3</sub> nanostructure	N.Rajiv Chandar, S.Agilan, R.Thangarasu, N.Muthukumarasamy, J.Chandrasekaran, S.Arunachalam, S.R.Akshaya	Physics	Journal of Sol-Gel Science and Technology
Photosensitive activity of fabricated core-shell composite nanostructured p-CuO@ CuS/n-Si diode for photodetection applications	S.Gunasekaran, D.Thangaraju, R.Marnadu, J.Chandrasekaran, Mohd.Shkir, A.Durairajan, M.A.Valente, T.Alshaharani, M.Elango	Physics	Sensors and Actuators A: Physical
Design of zinc vanadate (Zn <sub>3</sub> V <sub>2</sub> O <sub>8</sub> )/nitrogen doped multiwall carbon nanotubes (N-MWCNT) towards supercapacitor electrode applications	B.Suganyaa, S.Maruthamuthu, J.Chandrasekaran, B.Saravanakumar, E.Vijayakumar, R.Marnadu, Abdullah M.Al-Enizi, MohdUbaidullahf	Physics	Journal of Electroanalytical Chemistry
Fabrication and characterization of p-Si/n-In <sub>2</sub> O <sub>3</sub> and p-Si/n-ITO junction diodes for optoelectronic device applications	S.Bhuvaneswari, M.Seetha, J.Chandrasekaran, R.Marnadu, YoshitakeMasuda, Omar M.Aldossary, MohdUbaidullah	Physics	Surfaces and Interfaces
An Investigation on Microstructural, Morphological, Optical, Photoluminescence and Photocatalytic Activity of WO <sub>3</sub> for Photocatalysis Applications: An Effect of Annealing	T.Thilagavathi, D.Venugopal, R.Marnadu, J.Chandrasekaran, T.Alshahrani, Mohd.Shkir	Physics	Journal of Inorganic and Organometallic Polymers and Materials
The remarkably enhanced visible-light-photocatalytic activity of hydrothermally synthesized WO <sub>3</sub> nanorods: An effect of Gd doping	T.Govindaraj, C.Mahendran, R.Marnadu, MohdShkir, V.S.Manikandan	Physics	Ceramics International

Effect of Ti on microstructural and optoelectrical characteristics of Ti-CdO NPs prepared with microwave irradiation techniques for application of the n-TiCdO/p-Si photodetector	Mohanraj K., Chang J.H., Balasubramanian D., Chandrasekaran J., Marnadu R., Babu B., Senthil Kumar N., Chandrasekar S.	Physics	Journal of Alloys and Compounds
Dielectric relaxation, electrical conductivity measurements, electric modulus and impedance analysis of WO <sub>3</sub> nanostructures	Gowtham B., Balasubramani V., Ramanathan S., Ubaidullah M., Shaikh S.F., Sreedevi G.	Physics	Journal of Alloys and Compounds
Enhanced visible-light-driven photocatalytic activity of Ce doped WO <sub>3</sub> nanorods for Rhodamine B dye degradation	Govindaraj T., Mahendran C., Manikandan V.S., Archana J., Navaneethan M.	Physics	Materials Letters
Enhancement in the sensitivity of photo-detector performance of CuO-Gd <sub>2</sub> O <sub>3</sub> dual phase nanocomposites	Paul M.J., Suresh R., Valavan K.T., Marnadu R., Vidhya M., Ahmad N., Alshehri A.M., Gedi S.	Physics	Journal of Alloys and Compounds
An influence of temperature on structural, morphological, thermal, optical and photoluminescence properties of LaPO <sub>4</sub> nanoparticles	Priya R., Mariappan R., Jayamurugan P., Bakkiyaraj Shkir M.,	Physics	Optik
Development of n-MoO <sub>3</sub> @MoS <sub>2</sub> /p-Si heterostructure diode using pre-synthesized core@shell nanocomposite for efficient light harvesting detector application	Gunasekaran S., Marnadu R., Thangaraju D., Chandrasekaran J., Hegazy H.H., Somaily H.H., Durairajan A., Valente M.A., Elango M., Minnam Reddy V.R.	Physics	Materials Science in Semiconductor Processing
Fabrication of strontium included hafnium oxide thin film based Al/Sr:HfO <sub>2</sub> /n-Si MIS-Schottky barrier diodes for tuned electrical behavior	Harishsenthil P., Chandrasekaran J., Thangaraju D., Balasubramani V.	Physics	New Journal of Chemistry
Incorporation of Zn ions on high dielectric HfO <sub>2</sub> thin films by spray pyrolysis and fabrication of Al/Zn@HfO <sub>2</sub> /n-Si Schottky barrier diodes	Harishsenthil P., Chandrasekaran J., Marnadu R., Balasubramani V.	Physics	Sensors and Actuators, A: Physical
Analyzing integrated $\pi \dots \pi$ , Csbnd H... $\pi$ and hydrogen bonding interactions in N, N-Dimethyl-4-aminopyridinium benzilate	Amsaraj C., Bharathikannan R., Muthuraja P., Rajkumar M.	Physics	Journal of Molecular Structure
Upgraded photosensitivity under the influence of Yb doped on V <sub>2</sub> O <sub>5</sub> thin films as an	Balasubramani V., Chandrasekaran J., Manikandan V., Le	Physics	Journal of Solid State Chemistry



interfacial layer in MIS type Schottky barrier diode as photodiode application	T.K., Marnadu R., Vivek P.		
Enhancing of Al/Sn-HfO <sub>2</sub> /n-Si (MIS) Schottky barrier diode performance through the incorporation of Sn ions on high dielectric HfO <sub>2</sub> thin films formed by spray pyrolysis	Harishsenthil P., Chandrasekaran J., Marnadu R., Shkir M.	Physics	Journal of Inorganic and Organometallic Polymers and Materials
Optimization of mono-crystalline silicon solar cell devices using pc1d simulation	Thirunavukkarasu G.S., Seyedmahmoudian M., Chandran J., Stojcevski A., Subramanian M., Marnadu R., Alfaify S., Shkir M.	Physics	Energies
Improved photodetector performance of high-k dielectric material (La) doped V <sub>2</sub> O <sub>5</sub> thin films as an interfacial layer in Schottky barrier diodes	Balasubramani V., Chandrasekaran J., Manikandan V., Le T.K., Marnadu R., Vivek P.	Physics	Surfaces and Interfaces
Structural, Optical, and Magnetic Properties of Mn-Doped Nickel Ferrite (Ni <sub>1-x</sub> Mn <sub>x</sub> Fe <sub>2</sub> O <sub>4</sub> ) Thin Films Deposited by Jet Nebulizer Spray Pyrolysis Technique	Sasikumar K., Bharathikannan R., Sujithkumar G., Raja S., Arputhavalli G.J., Vidhya M., Marnadu R., Suresh R.	Physics	Journal of Superconductivity and Novel Magnetism
Characterization of Jet nebulizer spray pyrolysis coated MoS <sub>2</sub> thin films and fabrication of p-Si/n-MoS <sub>2</sub> junction diodes for optoelectronic application	Sasikala T., Shanmugasundaram K., Thirunavukkarasu P., Chandrasekaran J., Vivek P., Marnadu R., Aslam Manthrammel M., Gunasekaran S.	Physics	Inorganic Chemistry Communications
Fabrication of WO <sub>3</sub> nanorods/RGO hybrid nanostructures for enhanced visible-light-driven photocatalytic degradation of Ciprofloxacin and Rhodamine B in an ecosystem	Govindaraj T., Mahendran C., Manikandan V.S., Archana J., Shkir M., Chandrasekaran J.	Physics	Journal of Alloys and Compounds
Development of morphology tuned SnS hierarchical structures for enhanced photosensitive photodiode fabrication	Abhiram N., Thangaraju D., Marnadu R., Gunasekaran S., Santhana V., Chandrasekaran J., Devi N.S.M.P.L., Shkir M., AlFaify S.	Physics	Inorganic Chemistry Communications
Facile Synthesis of Indium Doped Tin Oxide (ITO) Nanoparticles and Development of a p-Si/n-ITO Photodiode for Optoelectronic Applications	Karthik Kannan S., Thirunavukkarasu P., Marnadu R., Chandrasekaran J.,	Physics	Journal of Electronic Materials

	Maruthamuthu S., Ali A.M., Shkir M.		
A systematic influence of Cu doping on structural and opto-electrical properties of fabricated Yb <sub>2</sub> O <sub>3</sub> thin films for Al/Cu-Yb <sub>2</sub> O <sub>3</sub> /p-Si Schottky diode applications	Mohan K.S., Panneerselvam A., Marnadu R., Chandrasekaran J., Shkir M., TataroÄŸlu A.	Physics	Inorganic Chemistry Communications
WO <sub>3</sub> /CoWO <sub>4</sub> nanocomposite synthesis using a facile co-precipitation method for enhanced photocatalytic applications	Thilagavathi T., Venugopal D., Marnadu R., Chandrasekaran J., Thangaraju D., Palanivel B., Hamdy M.S., Shkir M., Ali H.E.	Physics	Journal of Physics and Chemistry of Solids
Synthesis of Single-Phase MoO <sub>3</sub> -Nanoparticles Using Various Acids for the Fabrication of n-MoO <sub>3</sub> /p-Si Junction Diode	Pradeesh G., Nguyen T.D., Ponnuswamy V., Marnadu R., Chandrasekaran J., Shkir M.	Physics	Journal of Inorganic and Organometallic Polymers and Materials
Nitrogen doped 2D graphene/Zn <sub>3</sub> V <sub>2</sub> O <sub>8</sub> nanocomposite with enhanced supercapacitive features	Suganya B., Maruthamuthu S., Chandrasekaran J., Saravanakumar B., Vijayakumar E., Marnadu R., Ali H.E., Nguyen T.D.	Physics	Surfaces and Interfaces
A Facile Fabrication, Microstructural, Optical, Photoluminescence and Electrical Properties of Ni@CeO <sub>2</sub> Films and p-Si/n-NDC Diodes for Photodetection Application	Marnadu R., Chandrasekaran J., Nguyen T.D., Chang J.H., Mohanraj K., Alshahrani T., Shkir M., Kathirvel P.	Physics	Journal of Inorganic and Organometallic Polymers and Materials
Recent Advancement in Photo-Anode, Dye and Counter Cathode in Dye-Sensitized Solar Cell: A Review	Ruba N., Prakash P., Sowmya S., Janarthana B., Prabu A.N., Chandrasekaran J., Alshahrani T., Zahran H.Y., Yahia I.S.	Physics	Journal of Inorganic and Organometallic Polymers and Materials
Influence of Cu Ions on Structural, Optical, and Electrical Properties of Pure WS <sub>2</sub> Thin Films and Development of p-Si/n-Cu@WS <sub>2</sub> Photodiode for Optoelectronic Application	Sumathi P., Chandrasekaran J., Muthukrishnan S., Chang J.H., Mohanraj K., Kannan S.K.	Physics	Journal of Inorganic and Organometallic Polymers and Materials
Dye-sensitized solar cell using Eosin Y dye in various concentrations	Ruba N., Prakash P., Sowmya S., Janarthanan B., Prabu	Physics	Materials Today: Proceedings

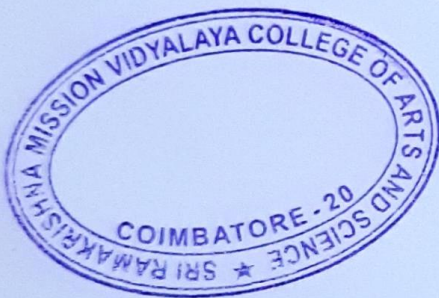
	A.N., Chandrasekaran J.		
Ultra-sensitive behaviour of ruthenium-doped nickel ferrite thin film humidity sensor	Manikandan V., Sikarwar S., Yadav B.C., Vigneselvan S., Mane R.S., Chandrasekaran J.	Physics	Journal of Experimental Nanoscience
Post-annealing effects on structural and magnetic properties of pulsed laser deposition grown Co <sup>2+</sup> /Ni <sup>2+</sup> /Al ferromagnetic shape memory alloys thin films	Arputhavalli G.J., Agilan S., Ray M., Thangaraju D., Marnadu R., Chandrasekaran J., Chandekar K.V., Shkir M., Jebasingh S., Dinesh M.	Physics	Solid State Sciences
Supramolecular synthons in 4-chloroanilinium-5-sulfosalicylate monohydrate: In vitro antioxidant and antimicrobial studies	M. Rajkumar K. Parameswaran E. Suresh A. Chandramohan	Chemistry	Journal of Molecular Structure
Insight into structural aspects and study of reaction kinetics of model [oxo (salen) iron (IV)] complexes with dipeptides	P. Karuppasamy D. Thiruppathi J. Vijaya Sundar M. Ganesan T. Rajendran S.S. Meena S. Rajagopal V.K. Sivasubramanian V. Rajapandian	Chemistry	Polyhedron
Electrocatalytic Oxidation of L-cysteine, L-Methionine, and Methionine–Glycine Using [Oxoiron (IV)–Salen] Ion Immobilized Glassy Carbon Electrode	P. Karuppasamy D. Thiruppathi J. Vijaya Sundar M. Ganesan T. Rajendran S. Rajagopal V.K. Sivasubramanian V. Rajapandian	Chemistry	Electrocatalysis
Study of Magnetic and Electrical Properties of Poly (o-phenylenediamine)/Manganese Substituted ZnFe <sub>2</sub> O <sub>4</sub> Nanocomposites	N. Kannapiran A. Muthusamy S.S. Meena	Chemistry	Journal of Inorganic and Organometallic Polymers and Materials
High temperature stable conjugated polyazomethines containing naphthalene moiety: Synthesis, characterization, optical, electrical and thermal properties	S. Dinesh Kumar A. Muthusamy S. Anand	Chemistry	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy
Inhibitory action of aqueous Ruellia Tuberosa L leaves extract on the corrosion of copper in HCl solution	S. Kathiravana S. Jyothi G. Ayyannan J. Ravichandran G. Raja	Chemistry	Journal of the Indian Chemical Society

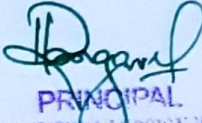
Corrosion inhibition of aluminium in HCl Solution by ethanol extract of Ruellia Tuberosa L	S. Kathiravana S. Jyothi G. Ayyannan J. Ravichandran G .Raja	Chemistry	Journal of Environmental Treatment Techniques
Synthesis, characterization, theoretical investigations and fluorescent sensing behavior of oligomeric azine-based Fe <sup>3+</sup> Chemosensors	S. Manikandan A. Muthusamy R. Nandhakumar C.I. David S. Anand	Chemistry	High Performance Polymers
Hydrothermal Preparation of Ni <sub>3</sub> S <sub>4</sub> /CoS <sub>2</sub> Composite Electrocatalytic Materials for High performance Counter Electrodes of Dye sensitized solar cells	V. Arunprasad, P. Siva Karthik, S. Thulasi, G.P. Arul, Mohd. Shkir, A.T. Rajamanickam, T. Sumathi, Sonia R. Fredrick	Electronics	Journal of Cluster Science
Impact of Aluminium on ZnO Thin films for Antimicrobial Activity	Dr.A.T.Rajamanickam	Electronics	Asian Journal of Chemistry
Synthesis of Metal Polymer Semiconductor Diode Using Polyaniline by Chemical Oxidative Method and its Temperature Dependent Electrical Conductivity Behaviour	E. Shoba, N. Pasupathy, P.Thirunavukkarasu, J. Chandrasekaran, G. Parathasarathy	Electronics	Asian Journal of Chemistry
Investigation and temperature reliant on electrical conductivity recital and diode characteristics of polyaniline by chemical oxidative method	E. Shoba, N. Pasupathy, P.Thirunavukkarasu, J. Chandrasekaran.	Electronics	Journal of emerging technologies and innovative research
A Review on Identifying Trusted Nodes for Secure routing in Wireless Sensor Network	S.Ramesh R.Kannan	Computer Science	Anvesak Biannual UGC care Group
Botnet Classification and Detection Techniques: A Survey	A. Priyavengatesh, R. Kannan	Computer Science	International Journal of Research and Analytical Reviews
A Study On Impact Of Covid-19 On Employee Behavior: Stress And Coping Mechanism During Wfh (Work From Home) Among Service Industry Employees	Dr.K.Suresh, Dr. G. Gnanaselvi	B.Com	Wesleyan Journal of Research
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