



PERIYAR ARTS COLLEGE CUDDALORE - 607 001

Criterion 3– Research, Innovations and Extension

3.3: Research Publications and Awards

3.3.1: Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

(Link to re-directing to journal source-cite website in case of digital journals)



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Title of paper	Name of the author/s	Department of the teacher	Name of journal	Calendar Year of publication	ISSN	Link to website of the Journal
XRD and AFM characterization of Diarun-MgO-Averaplus fabricated nanoparticles using precipitation method	A Christy Ferdinand, T Kasthury	Physics	Zhuzao/Foundary	2024	1001-4977	https://foundryjournal.net/
STRUCTURAL PROPERTIES OF CU MG ALLOY NANOPARTICLES: SYNTHESIZED BY WET CHEMICAL PRECIPITATION TECHNIQUE	A Christy Ferdinand, T Kasthury	Physics	Journal of Nonlinear Analysis and Optimization: Theory & Applications	2024	1906-9685	https://jnao-nu.com/
Antibacterial activity against Staphylococcus aureus and Salmonella enterica and Density functional studies on Silver doped Bismuth Selenide nanostructures	R Thilak Kumar	Physics	International Journal of Multidisciplinary Research and Growth Evaluation	2024	2582-7138	https://www.allmultidisciplinaryjournal.com/
Synthesis and characterization of Cu-Al alloy nanoparticles using chemical precipitaion method	A Christy Ferdinand, T Kasthury	Physics	Zhuzao/Foundary	2024	1001-4977	https://foundryjournal.net/
PREPARATION AND CHARACTERIZATION OF DIARUN DOPED MAGNESIUM OXIDE NANOCOMPOSITES: A WET CHEMICAL APPROACH	A Christy Ferdinand, T Kasthury	Physics	Journal of Nonlinear Analysis and Optimization: Theory & Applications	2024	1906-9685	https://jnao-nu.com/
Women in the Unorganized Sector in India	Dr.S.Subash Chandrabose	Political Science	International Journal of Novel Research and Development	2024	2456-4184	https://www.ijnrd.org/
LEAN SIX SIGMA METHODOLOGY FOR MANUFACTURING INDUSTRY DEFECT REDUCTION	Eakambaram. S	Statistics	Journal of Xidian University	2024	1001-2400	https://xadzkjdx.cn/



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Humidity Sensing Performance of Nitrogen Doped Reduced Graphene Oxide-WO ₃ Composite	R. Ravichandran	Chemistry	BioNanoScience	2024	2191-1630, 2191-1649	https://link.springer.com/journal/12668
A Study on Variable Selections and Prediction for Crop Recommender System with Soil Nutrients Using Stochastic Model and Machine Learning Approaches	S. Dhanavel, A. Murugan	Computer Science	TuijinJishu/Journal of Propulsion Technology	2023	1001-4055	https://www.propulsiontechjournal.com/
Agricultural Data Analysis with Weather and Soil Using Machine Learning Models	S. Dhanavel, A. Murugan	Computer Science	Journal of Chemical Health Risks	2023	2251-6727	https://jchr.org/index.php/JCHR
A Study on the Impact of Paddy Yield with weather conditions in India using Data Mining and Machine Learning Approaches	Dr. A. Murugan	Computer Science	European Chemical Bulletin	2023	2063-5346	https://www.eurchembull.com/
Analysis of Online Intrusion Detection Models to Incorporate Secured Digital Cash Transaction in Mobile Smart Systems	Dr. R. Bhuvanewari, Dr. M. Paul Arokiadass Jerald	Computer Science	ICTACT JOURNAL ON COMMUNICATION TECHNOLOGY	2023	0976-0091, 2229-6948	https://ictactjournals.in/
A Study on Prediction for Crop Area, Production, and Yield Analysis Using Machine Learning Approaches	Dr. A. Murugan	Computer Science	TuijinJishu/Journal of Propulsion Technology	2023	1001-4055	https://propulsiontechjournal.com/
A Study on Parkinson's Disease Parameters Using Data Mining with Machine Learning Approaches	Dr. A. Murugan	Computer Science	TuijinJishu/Journal of Propulsion Technology	2023	1001-4055	https://propulsiontechjournal.com/
Intertextuality In Chitra Banerjee Divakaruni's Trilogy Brotherhood Of The Conch	Dr. K. GANESHAM	ENGLISH	Journal of Namibian Studies	2023	1863-5954 2197-5523	https://namibian-studies.com/index.php/JNS/index



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Sunlight-driven photocatalytic degradation of organic pollutant in an aqueous medium by Gd-doped CuO nanocatalyst	V. Natarajan , R. Thilak Kumar	Physics	Journal of Materials Science: Materials in Electronics	2023	0957-4522	https://link.springer.com/journal/10854
POLYNOMIAL REGRESSION MODELLING PERFORMANCE EVALUATION	Eakambaram. S	Statistics	Journal of Information and Computational Science	2023	1548-7741	https://joics.org/
A CONTRAST BETWEEN THREE LINEAR PROGRAMMING MODELS FOR ESTIMATING LEAST ABSOLUTE REGRESSION MODEL	Eakambaram. S	Statistics	Journal of Xidian University	2023	1001-2400	https://xadzkjdx.cn/
ESTIMATION OF LEAST ABSOLUTE DEVIATIONS REGRESSION WITH SERIALY CORRELATED DISTURBANCES	Eakambaram. S	Statistics	High Technology Letters	2023	1006-6748	https://gjstx-e.cn/
Estimation of Least Absolute Deviation for Multiple Linear Regression Models	Eakambaram. S	Statistics	High Technology Letters	2023	1006-6748	https://gjstx-e.cn/
PROCESS IMPROVEMENT USING SIX SIGMA DIFFERENT COMPONENTS	Eakambaram. S	Statistics	High Technology Letters	2023	1006-6748	https://gjstx-e.cn/
THE METRICS FOR LEAST SQUARES ROBUST RIDGE REGRESSION ESTIMATOR TO SOLVE MULTICOLLINEARITY	Eakambaram. S	Statistics	Journal of Xidian University	2023	1001-2400	https://xadzkjdx.cn/
Bharati's Indigenous Curriculum & Mother Tongue Education	Dr R.MURUGAN	TAMIL	Journal of Valartamil	2023	2716-5507	https://ejournal.upsi.edu.my/index.php/JTS
Consumers' Perception on Marketing Strategies adopted by select retailers in Online Market	Dr.P.GNANAVEL	Commerce	The Seybold Report	2023	1533-9211	https://seyboldreport.org



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Customers' Perception On Problems Towards Adopting Marketing Strategies Of Select Online Retailers	Dr.P.GNANAVEL	Commerce	Journal of Namibian Studies	2023	1110-1122 2197-5523	https://namibian-studies.com/index.php/JNS/index
Shgs And Ngos Activities In The Women Entrepreneurship Development	Dr. R. Prabakaran	Commerce	Journal of Namibian Studies	2023	1110-1122 2197-5523	https://namibian-studies.com/index.php/JNS/index
ROLE OF SELF HELP GROUPS IN THE ECONOMIC DEVELOPMENT OF WOMEN – SPECIAL REFERENCE TO KOZHIKODE DISTRICT	Dr. R. Prabakaran	Commerce	THE SEYBOLD REPORT	2023	1533-9211	https://seyboldreport.org
HERO'S JOURNEY WITH REFERENCE TO CHITRA BANERJEE DIVAKARUNI'S THE CONCH BEARER AND JOSEPH CAMPBELL'S THE HERO WITH A THOUSAND FACES	Dr. K. GANESHRAM	ENGLISH	THE SEYBOLD REPORT	2023	1533-9211	https://seyboldreport.org
Sanadhana Maatramum Maru Aakkamum - Pandiya Nedunchezhiyanai Mun Vaithu	Dr.C.ELUMALAI	TAMIL	Journal of Tamil Culture and Literature	2023	2583-0325	https://forschung.in/journals/index.php/jtcl
Solutions Of Fully Fuzzy Linear Programming Problem Models Using θ_R - Ranking Function	S. Ramathilagam	Mathematics	Educational Administration: Theory and Practice	2023	1300-4832, 2148-2403(P)	https://kuey.net/index.php/kuey/index
An Medical Clinical, of a Single-Queue, Single-Server Model with a Feedback	N.Paranjothi	Statistics	Journal of Xidian University	2023	1001-2400	https://xadzkjdx.cn/
Analysis of the Steady State of a Queueing System with Random Vacation Under Additional Variables	N.Paranjothi	Statistics	High Technology Letters	2023	1006-6748	https://gistx-e.cn/
A Non-Markovian Queueing System for a Single Server with Multiple Working Vacations and a Broken Promise	N.Paranjothi	Statistics	Journal of Information and Computational Science	2023	1548-7741	www.joics.org



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Modelling of a cloud platform via M/M+ M/1queues of a Jackson network	N.Paranjothi	Statistics	International Journal of Cloud Computing	2023	Print: 2043-9989 Online: 2043-9997	https://www.inderscience.com/jhome.php?jcode=ijcc
Assessing the Vanishing State through Hidden Markov Chain in an Organization	N.Paranjothi	Statistics	Journal of Xidian University	2023	1001-2400	https://xadzkjdx.cn/
Markov model analysis of faculty promotion in education institution	N.Paranjothi	Statistics	Journal of Xidian University	2023	1001-2400	https://xadzkjdx.cn/
A Study on Sustainable Development Goals in South India Using Data Mining and Machine Learning Approaches	Santhosh Kumar B	Computer Applications	Journal of Data Acquisition and Processing	2023	1004-9037	https://sjcj.nuaa.edu.cn/sjcyjcl/home
Modified operations of Trapezoidal fuzzy number for solving fuzzy linear programming problems	S. Ramathilagam	Mathematics	Fuzzy Mathematical Analysis and Advances in Computational Mathematics	2022	ISBN : 978-981-19-0470-7	https://link.springer.com/book/10.1007/978-981-19-0471-4
Structural, morphological and magnetic properties of (c-ZnFe ₂ O ₄ and t-CuFe ₂ O ₄) ferrite nanoparticle synthesized by reactive ball milling	A CHRISTY FERDINAND	PHYSICS	CHEMICAL DATA COLLECTIONS	2022	2405-8300	https://www.sciencedirect.com/journal/chemical-data-collections
Structural, Spectroscopy and Magnetic Properties of Copper Doped Nickel Ferrite by the Co-Precipitation method	A CHRISTY FERDINAND	PHYSICS	Chemistry Africa	2022	2522-2788	https://link.springer.com/journal/42250
Identification of Heavy Metal Source and Seasonal Variation in Flatfish from Cuddalore Coastal Waters in Southern India.	Aruljothiselvi S, Rajakumar	ZOOLOGY	Indian Journal of Natural Sciences	2022	0976-0997	https://tnsroindia.org.in/journals.html



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Seasonal Variation in the Proximate Composition of Flatfishes(Order:Pleuronectiformes) Collected from Cuddalore, south east coast of Tamil Nadu	Aruljothiselvi S , Rajakumar	ZOOLOGY	Indian Journal of Natural Sciences	2022	0976-0997	https://tnsroindia.org.in/journals.html
Influence of Cadmium Toxicity and Organic Feeds on growth performance of fresh water fish labeo rohita	K.Aruldoss	ZOOLOGY	International Journal of Zoology Studies	2022	2455-7269	www.zoologyjournals.com
Cadmium Toxicity Studies and the effect of several Bio Feeds in Labeo Rohita	K.Aruldoss	ZOOLOGY	Uttar Pradesh Journal of Zoology	2022	0256-971X	https://mbimph.com/index.php/UPJOZ
Effect of Cadmium and LC50 Values of WBCs of Labeo Rohitaa Freshwater Fish.	K.Aruldoss	ZOOLOGY	International Journal of Fisheries and Aquaculture Sciences	2022	2248-9975	http://www.irphouse.com/sci/ijfas.htm
Machine Learning-Based Trust Management in Cloud Using Blockchain Technology	M. Paul Arokiadass Jerald, R.Bhuvaneshwari	Computer Science	SN Computer Science	2022	2661-8907	https://www.springer.com/journal/42979
A NOVEL METHOD FOR PREDICTION OF WEB SERVICES USING EXTRA TREES REGRESSION THROUGH HYPERPARAMETER TUNING	Mr. P. Mourougaradjane	Computer Science	Journal of Tianjin University Science and Technology	2022	0493-2137	https://ijisae.org/index.php/IJISAE
Prediction of Web Service Performance and Successability using Comparative Analysis of Machine Learning and Deep Learning Algorithms	Mr. P. Mourougaradjane	Computer Science	International Journal of Intelligent Systems and Applications in Engineering	2022	2147-6799	https://ijisae.org/index.php/IJISAE



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Analyzing the Lack of interest in the undergraduate science courses by using fuzzy relational equations of Max-Add composition	Dr. S. Ramathilagam	Mathematics	TELEMATIQUE	2022	1856-4194	https://www.provinciajournal.com/index.php/telematique
Numerical study of Casson-Nanofluid flow past an exponentially stretching sheet filled by porous medium in presence of velocity and thermal slip effects	R. VijayaKumar	Mathematics	International Journal of Health Sciences	2022	2550-6978	https://sciencescholar.us/journal/index.php/ijhs
Joint Effects of Thermophoresis and Brownian Motion on Williamson-Nano Fluid Flow Near a Non-Linearly Stretching Sheet Filled by Porous Medium	R. VijayaKumar	Mathematics	Journal of Nanofluids	2022	2169-4338	http://www.aspbs.com/ion/
Hall and Ion Slip Influence on Unsteady MHD Convective Rotating Flow of Non-Newtonian Fluid through Porous Medium with Chemical Reaction	R.VijayaKumar	Mathematics	International Journal of Mechanical Engineering	2022	0974-5823	https://www.kalaharijournals.com/ijme.php
Radiation Effect on Unsteady Mixed Convective MHD Flow of Heat and Mass Transfer Over An Accelerated Infinite Vertical Porous Plate With Suction And Chemical Reaction	R.VijayaKumar	Mathematics	IOSR Journal of Mathematics	2022	2278-5728	https://www.iosrjournals.org/iosr-jm.html
Contemporary Tamil Poems : Gyno Critic Approach	Dr.J.Shyamala	Tamil	International Research Journal of Tamil	2022	2582-1113	https://irjt.iorpress.org/index.php/irjt



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Women Rights in Tamil Nadu with special reference to Harassment and the Functions of SHRC	Dr.S.Subash Chandrabose	Political Science	International Journal of Biology, Pharmacy and Allied Science	2022	2277-4998	www.ijbpas.com
Biochemical studies on the cissus Quadrangularis plant extract treated.Fish Oreochromis Mossambicus Peters	R.Kannan	Zoology	Indian Journal of Natural Sciences	2022	0976-0997	https://tnsroindia.org.in/journals.html
Optimization of scale inhibitors nitrioltriacetic acid and 1-hydroxyethylidene-1, 1-diphosphonic acid, effect of magnesium ions and temperature on calcium carbonate scale	V K Subramanian	Chemistry	Chemical Papers	2022	0366-6352	https://www.springer.com/journal/11696
Spray pyrolysis deposition and characterization of Cd-TiO2 thin film for photocatalytic and photovoltaic applications	V K Subramanian	Chemistry	Journal of Electrochemical Science and Engineering	2022	1847-9286	https://pub.iapchem.org/ojs/index.php/JESE
Crystal structure, Hirshfeld surface and frontier molecular orbital analysis of 10-benzyl-9-(4-hydroxy-3-methoxyphenyl)-3,3,6,6-tetramethyl 3,4,6,7,9,10-hexahydroacridine-1,8(2H,5H)-dione	V.Suganya	Chemistry	Acta Crystallographica Section E: Crystallographic Communications	2022	2056-9890	https://journals.iucr.org/e/
INDIVIDUALITY CHAOS DISMISSED FEMINITY PREFERENCE IN DATTANI'S DANCE LIKE A MAN	C. KAVITHA	ENGLISH	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS	2022	2320-2882	https://www.ijcrt.org/
Hall and Ion Slip Influence on Unsteady MHD Convective Rotating Flow of Non-Newtonian	R.VijayaKumar	Mathematics	International Journal of Mechanical Engineering	2022	0974-5823	https://www.kalaharijournals.com/journals.php



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Fluid through Porous Medium with Chemical Reaction						
Fuzzy relational equation -composition of maximum-addition	S. Ramathilagam	Mathematics	GIS SCIENCE JOURNAL	2022	1869-9391	https://gisscience.net/
Structural, morphological and magnetic properties of (c-ZnFe2O4 and t-CuFe2O4) ferrite nanoparticle synthesized by reactive ball milling	A CHRISTY FERDINAND	PHYSICS	Chemical Data Collections	2022	2405-8330	https://www.sciencedirect.com/journal/chemical-data-collections
Sexual Harassment and Women Rights Protective Mechanism in Tamil Nadu	Dr.S.Subash Chandrabose	Political Science	International Journal of Early Childhood Special Education	2022	1308-5581	https://www.int-jecse.net/
Robust Regression using Least Absolute Deviations Method	Dr. S. Eakambaram	Statistics	International Journal of Mechanical Engineering	2022	0974-5823	https://www.kalaharijournals.com/journals.php
Bayesian Estimation of Robust Regression using Least Absolute Deviations Method	Dr. S. Eakambaram	Statistics	Aryabhatta Journal of Mathematics and Informatics	2022	Print : 0975-7139 Online : 2394-9309	https://www.aryanseducatortrust.com/abjmi
DATA MINING APPLICATIONS AND VISUALIZATION OF HEALTHCARE DATABASE	N.Paranjothi	Statistics	Aryabhatta Journal of Mathematics and Informatics	2022	Print : 0975-7139 Online : 2394-9309	https://www.aryanseducatortrust.com/abjmi
Novel Synthesis, Spectralcharacterisation and DFT calculation of (3,4-bis((E)(substituted-dichlorobenzylidene)amino)phenyl)(phenyl) methanone derivatives	J.Chakkaravarthy	Chemistry	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings



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Novel Synthesis of NE,N`E-4,4`-Sulfonyl bis(N-(substituted-dichlorobenzylidene) anilines derivative their application biological and DFT studies	J.Chakkaravarthy	Chemistry	Journal of Physics: Coference Series	2021	Online: 1742-6596 Print: 1742-6588	https://iopscience.iop.org/journal/1742-6596
Photo-Electrocatalytic Applications of Pure and Bismuth Doped Zinc Oxide Thin Films by Spray Pyrolysis	V K Subramanian	Chemistry	Chemistry Africa	2021	2522-5766	https://www.springer.com/journal/42250
Synergistic effects of magnesium and EDTA on polymorphism and morphology of CaCO ₃ and its influence on scale	V K Subramanian	Chemistry	Journal of Crystal Growth	2021	Online: 1873-5002 Print: 0022-0248	https://www.sciencedirect.com/journal/journal-of-crystal-growth
An Identification of Heart Disorder using Machine Learning Algorithms	G. Karthikeyan	Computer Science	Design Engineering	2021	0011-9342	http://www.thedesignengineering.com/index.php/DE
Design of Optimal Deep Learning based Disease Diagnosis Model for Cloud Centric IoT Healthcare Environment	G. Karthikeyan	Computer Science	Turkish Journal of Physiotherapy and Rehabilitation	2021	2651-4451	https://dergipark.org.tr/en/pub/tjpr
A Novel Improved Grey Wolf Optimization Algorithm Based Resource Management Strategy for Big Data Systems	J. Saravana Kumar	Computer Science	Journal of Computational and Theoretical Nano Science	2021	1546-1955	http://www.aspbs.com/ctn/
Fuzzy relational equation of minimum-addition composition	S. Ramathilagam	Mathematics	Strad Research	2021	0039-2049	https://stradresearch.org/
Washing machine using fuzzy logic controller to provide wash quality	S. Ramathilagam	Mathematics	Soft computing	2021	1433-7479, 1432-7643	https://link.springer.com/journal/500
Automation on washing machine using fuzzy logic controller provided with three input and	S. Ramathilagam	Mathematics	IEEE-International Conference on Trends in	2021	978-1-6654-1570-5	https://ieeexplore.ieee.org/xpl/conhome/9452735/proceeding



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two output for setting the temperature of water			Electronics and Informatics (ICEI)			
Fuzzy logic control system of Washing machine using Python	S. Ramathilagam	Mathematics	Malaya journal of Matematik	2021	2321 – 5666	https://www.malayajournal.org/index.php/mjm
Smart air conditioning system using fuzzy logic system and simulation using mat lab	S. Ramathilagam	Mathematics	Malaya journal of Matematik	2021	2321–5666	https://www.malayajournal.org/index.php/mjm
A study on structural analysis and magnetic behaviour of barium hexaferrite nanomaterial: Classical ferromagnetic material under thermal treatment	A CHRISTY FERDINAND	PHYSICS	Applied Physics A	2021	0947-8396	https://link.springer.com/journal/339
AWomen’s Responsibility is more than Male People in the Society : A Critical analysis	Dr.M.Jeyabhabha	Political Science	Journal of Emerging Technologies and Innovative Research	2021	2349-5162	https://www.jetir.org/
Evaluation of Breast Self -Examination and Clinical Breast Examination Among Rural Female Population in Tamilnadu: A Pilot Study”	N.Paranjothi	Statistics	Aryabhatta Journal of Mathematics and Informatics	2021	Print : 0975-7139 Online : 2394-9309	https://www.aryanseducati.ontrust.com/abjmi
Design and Development of M/G/1 Queuing Model for Real Time Applications	N.Paranjothi	Statistics	Turkish Journal of Computer and Mathematics Education	2021	3048-4855	https://turcomat.org/index.php/turkbilmat/index
A Poisson Queues with Markov Modulated service rates	N.Paranjothi	Statistics	International Journal of Mathematics in Operational Research	2021	1757-5869	https://www.inderscience.com/jhome.php?jcode=ijmor
Histological studies on the cissus Quadrangularis plant extract treated fish Oreochromis Mossambicus peters	R.Kannan	Zoology	Indian Journal of Applied Research	2021	2249-555X	https://www.worldwidejournals.com/indian-journal-of-applied-research-(IJAR)/



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Individual and synergetic effect of EDTA and NTA on polymorphism and Q1Q9 morphology of CaCO ₃ crystallization process in presence of barium	V K Subramanian	Chemistry	Journal of Solid state Chemistry	2021	Print: 0022-4596 Online: 1095-726X	https://www.sciencedirect.com/journal/journal-of-solid-state-chemistry
Privatization of Water Sources and Its Implications in India	Dr.V.Leela	Economics	International Journal of Innovative Research in Technology	2021	2349-6002	https://ijirt.org
FEMININE QUEST FOR IDENTITY AND SELF ASSERTIVENESS IN SHOBA DE'S STARRY NIGHTS	DR.S . DAVIDSOUNDAR & MR. S. KALIDASS	ENGLISH	Psychology and Education	2021	0033-3077	http://psychologyandeducation.net/pae/index.php/pae
Effect of Sr ²⁺ ions on crystallization process of CaCO ₃ in presence of EDTA, NTA and Mixture of EDTA and NTA	V K Subramanian	Chemistry	International Journal of Advanced Science and Technology	2020	Print:2005-4238 Online:2207-6360	http://sersc.org/journals/index.php/IJAST/index
Estimation of Qualitative and Quantitative Analysis of Antioxidant activity of different parts of catharanthus Roseus (L).	V K Subramanian	Chemistry	Plant Archives	2020	0972-5210	http://www.plantarchives.org/
The effect of DTPA on calcium carbonate scale deposition on copper and aluminium surfaces	V K Subramanian	Chemistry	Heliyon	2020	2405 8440	https://www.cell.com/heliyon/home
Crystal structure, Hirshfeld surface and frontier molecular orbital analysis of 10-benzyl-9-(3-ethoxy-4-hydroxyphenyl)-3,3,6,6-tetramethyl 3,4,6,7,9,10-hexahydroacridine-1,8(2H,5H)-dione	V.Suganya	Chemistry	Acta Crystallographica Section E: Crystallographic Communications	2020	2056-9890	https://journals.iucr.org/e/issues/2020/04/00/



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Title of paper	Name of the author/s	Department of the teacher	Name of journal	Calendar Year of publication	ISSN	Link to website of the Journal
Effect of barium and strontium ions on the morphology and polymorphism of CaCO ₃	V K Subramanian	Chemistry	Chemical Physics Letters	2020	Print: 0009-2614 Online: 1873-4448	https://www.sciencedirect.com/journal/chemical-physics-letters
Unsteady solute dispersion in non-Newtonian fluid flow in a channel with effects of magnetic field and wall absorption	R.VijayaKumar	Mathematics	Journal of Information and Computational Science	2020	1548-7741	https://joics.org/
Structural and Magnetic Characterization of Rare Earth Element Cerium-Doped Nickel Ferrite Nanoparticles (NiCexFe _{2-x} O ₄) by Sol-Gel method with antibacterial activity	R Thilak Kumar	Physics	Journal of superconductivity and novel magnetism	2020	1557-1939	https://link.springer.com/journal/10948
Synthesis, characterization and applications of Aniline passivated bismuth selenide	R Thilak Kumar	Physics	Materials Today: Proceedings	2020	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings
Construction of Shopping Model and Analysis using Fuzzy Linear Programming	Dr. S. Ramathilagam	Mathematics	Design Engineering	2020	0011-9342	https://ores.su/en/journals/design-engineering-toronto/
Performance of ZnO-Nb ₂ O ₅ core/shell and aluminium doped ZnO electron transporting layer with CdS/CdSe quantum dot-sensitized solar cells	P Venkatachalam	Physics	Indian Journal of Pure & Applied Physics	2020	0975-1041	http://op.niscair.res.in/index.php/IJPAP/index
Organic dye sensitized TiO ₂ -Nb ₂ O ₅ electron collecting bilayer photoanode for efficient power conversion in solar cells	P Venkatachalam, K.Anandalakshmi	Physics	Optical Materials	2020	Online ISSN: 1873-1252 Print ISSN: 0925-3467	https://www.sciencedirect.com/journal/optical-materials



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A Digital Court monopolization of the facilities in Indian judicature and new judicial culture in Covid	Dr.T.Jothiramalingam	Political Science	Journal of Xidian University	2020	1001-2400	https://xadzkjdx.cn/
Stochastic Model for expected time using Generalized Exponential Distribution	S. Jothimanikam, E. Susiganeshkumar	Statistics	Journal of Xi'an University of Architecture and Technology	2020	1006-7930	https://xajzkjdx.cn/
Development of Hybrid Queuing Model	N.Paranjothi	Statistics	Solid State Technology	2020	0038-111X	https://solidstatetechnology.us/index.php/JSST/
A Case Study of Queueing Model in a Restaurant	N.Paranjothi	Statistics	Parishodh Journal	2020	2347-6648	https://parishodhpu.com/
Expected Time Using Alpha–Poisson Distribution Under Stochastic Model	S. Jothimanikam	Statistics	International Journal Of Scientific & Technology Research	2020	2277-8616	https://www.ijstr.org/
Assessing the Infant Breastfeeding experience of Women in Cuddalore District of Tamilnadu, India	Vijayamirtharaj S.	Statistics	International journal of research in Pharmaceutical sciences	2020	0975-7538	https://ijrps.com/home
Reproductive cycle of the the freshwater loach Lepidocephalichthys thermalis from the river thamirabarani, Tirunelveli	J.Michael A.P.Arachi	Zoology	European Journal of Biomedical and Pharmaceutical Science	2020	2349-8870	https://www.ejbps.com
English Textbook Evaluation at Higher Secondary Level – A Study	Dr.R.Baskaran	English	Journal of Information and Computational Science	2020	1548-7741	www.joics.org



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Application of Hammett Equation on Spectroscopic data of some Arylsulphonamides	Jayaraman Chakkaravarthy	Chemistry	Journal of Advanced Scientific Research	2019	0976-9595	https://sciensage.info/index.php/JASR
Conformational Study of Some 3t,5t-Dimethyl -N-nitroso-2r,6cdiaryl piperidin-4-one Oximes using NMR spectra	J.Chakkaravarthy	Chemistry	Journal of Molecular Structure	2019	Online: 1872-8014 Print: 0022-2860	https://www.sciencedirect.com/journal/journal-of-molecular-structure
SPECIFIC ADVANCEMENTS MODIFIED CRO4-ZNO THIN FILMS CHARACTERIZATION AND APPLICATION OF PHOTOCATALYTIC PURIFICATION OF CARCINOGENIC DYE AND SYNTHETIC DYESENSITIZED SOLAR CELLS	V K Subramanian	Chemistry	The International journal of analytical and experimental modal analysis	2019	0886-9367	https://ijaema.com/
Quality of Service Analysis on WRP and DSR Protocols in Mobile Adhoc Networks	Dr. K. Geetha	Computer Science	International Journal of New Innovations in Engineering and Technology	2019	2319-6319	https://www.ijniet.org/
Enhancement of TCP/IP Performance Through Split Mechanism in 4G Wireless Networks	Dr. M. Leenus	Computer Science	International Journal of Research and Analytical Reviews (IJRAR)	2019	2348-1269	https://www.ijrar.org/
Optimized Link Level Snoop State Transfer for TCP/IP Performance Tuning in Recent Wireless Networks	Dr. M. Leenus	Computer Science	International Journal of Management, Technology And Engineering	2019	2249-7455	https://www.ijamtes.org/
Feedback Based Congestion Control for TCP/IP Performance Enhancement in Wireless Networks	Dr. M. Leenus	Computer Science	Journal of Emerging Technologies and	2019	2349-5162	https://www.jetir.org/



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			Innovative Research (JETIR)			
A Hybrid Approach For Improving Accessibility In Data Grid Environment Using Dynamic Replication And Consistency Methods	Dr. R. Bhuvaneshwari	Computer Science	ARNP Journal of Engineering and Applied Sciences	2019	1819-6608	https://www.arnpjournals.com/
Kernel Induced Possibilistic Unsupervised Clustering Techniques in Analyzing Breast Cancer Database	Dr. S. Ramathilagam	Mathematics	International Journal of Computer Sciences and Engineering	2019	2347-2693	https://www.ijcseonline.org/
Effective kernel-based possibilistic fuzzy clustering techniques: analyzing cancer database	Dr. S. Ramathilagam	Mathematics	Data-Enabled Discovery and Applications	2019	2510-1161	https://link.springer.com/journal/41688/volumes-and-issues
Dispersion of solute with chemical reaction in blood flow	R.VijayaKumar	Mathematics	Bulletin of Pure & Applied Sciences- Mathematics and Statistics	2019	2320-3226	https://acspublisher.com/journals/index.php/basm/index
Paddy growth analysis and disease prediction using fuzzy logic controller system	Dr. S. Ramathilagam	Mathematics	Turkish journal of computer and mathematics education	2019	3048-4855	https://turcomat.org/index.php/turkbilmat
STRUCTURAL, OPTICAL,MECHANICAL AND DIELECTRIC PROPERTY STUDIES OF ADDUCT SINGLE	A Christy Ferdinand	Physics	PHYSICA B:CONDENSED MATTER	2019	Print ISSN: 0921-4526 Online ISSN: 1873-2135	https://www.sciencedirect.com/journal/physica-b-condensed-matter
Synthesis growth and characterization of semi organic non linear optical single crystal	A. Anbarasi	Physics	Material Science Poland	2019	ISSN:2083-1331	https://materialsscience.pwr.edu.pl/



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bis (thio urea) barium nitrate (BTBN) for Frequency conversion					EISSN:2083-134X	
Application of Density Functional Theory (DFT) in Solid and Geo Science	J Karpagam	Physics	Journal of Emerging Technologies and Innovative Research	2019	2349-5162	https://www.jetir.org/
Perovskite sensitized erbium doped TiO ₂ photoanode solar cells with enhanced photovoltaic performance	P Venkatachalam	Physics	Optical Materials	2019	Online ISSN: 1873-1252 Print ISSN: 0925-3467	https://www.sciencedirect.com/journal/optical-materials
Performance of perovskite and quantum dot sensitized solar cell based on ZnO photoanode structure	P Venkatachalam	Physics	Materials Today: Proceedings	2019	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings
Erbium doped anatase TiO ₂ nanoparticles for photovoltaic applications	P Venkatachalam	Physics	Optical and Quantum Electronics	2019	EISSN:1572-817X Print ISSN: 0306-8919	https://link.springer.com/journal/11082
Structural, morphological, enhanced magnetic properties and antibacterial biomedical activity of rare earth element (REE) Cerium doped CoFe ₂ O ₄ nanoparticles	R Thilak Kumar	Physics	Journal of Magnetism and Materials	2019	Print: 0304-8853 Online: 1873-4766	https://www.sciencedirect.com/journal/journal-of-magnetism-and-magnetic-materials
Enhanced magnetic property and antibacterial biomedical activity of Ce ³⁺ doped CuFe ₂ O ₄ spinel nano particles synthesized by sol-gel method	R Thilak Kumar	Physics	Journal of Magnetism and Materials	2019	Print: 0304-8853 Online: 1873-4766	https://www.sciencedirect.com/journal/journal-of-magnetism-and-magnetic-materials



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Effect of morphology on the formation of CdO nanostructures for Antibacterial and Hemolytic studies	R Thilak Kumar	Physics	Applied surface science	2019	Online: 1873-5584 Print : 0169-4332	https://www.sciencedirect.com/journal/applied-surface-science
Structure of Supreme Court Building in the Styles of Delivering Good Justices	Dr.T.Jothiramalingam	Political Science	International Journal of Research and Analytical Reviews (IJRAR)	2019	2349-5138	www.ijrar.org
A Maximum Likelihood Approach to Least Absolute Deviation Regression	Eakambaram. S	Statistics	Review of Research	2019	2249-894X	https://oldror.lbp.world/
Estimation of the General Linear and Nonlinear Regression Models with Autocorrelated Errors	Eakambaram. S	Statistics	International Journal of Advance and Innovative Research	2019	2394-7780	https://ijairjournal.in/
A New Area-Biased Distribution with Applications in Cancer Data	R. Mohanasundari	Statistics	Science, Technology and Development	2019	0950-0707	https://journalstd.com/
A New Weighted Distribution With Properties And Applications To Real Life Data In Survival Analysis	R. Mohanasundari	Statistics	Journal of Information and Computational Science	2019	1548-7741	www.joics.org
Level Dependent Quasi-Birth and Death Processes of queues with Stalling	N.Paranjothi	Statistics	Science, Technology and Development	2019	0950-0707	https://journalstd.com/
A discrete-time gated vacation queue with a bulk service rule	N.Paranjothi	Statistics	AIP Conference proceedings	2019	Online : 1551-7616 Print : 0094-243X	https://pubs.aip.org/aip/acp/issue/2177/1
Quasi-birth and death processes of two server queue with stalling	N.Paranjothi	Statistics	Opsearch, Springer	2019	0030-3887	https://link.springer.com/journal/12597



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On Weighted Quasi-Sujatha Distribution with Properties and Applications to Blader Cancer Data in Survival Analysis	R. Mohanasundari and Susiganeshkumar, E	Statistics	Science, Technology and Development	2019	0950-0707	https://journalstd.com/
Calculating the Survival Time of Cancer Patients Through Exponentiated Weibull Distribution	S. Jothimanikam	Statistics	Journal of Information and Computational Science	2019	1548-7741	www.joics.org
Analysis of discrete – time Geo/Geo/1 queue with negative customers	Susiganeshkumar, E	Statistics	JAC : A JOURNAL OF COMPOSITION THEORY(JCT)	2019	0731-6755	https://jctjournal.com/
Reprotoxic Effect of ammonia of the nutrition	J.Michael A.P.Arachi	Zoology	International Journal of Modern Research and Reviews	2019	2347-8314	http://journalijmrr.com/
Seasonal variation in the Infestation of Digenea in the Indian Killifish	J.Michael A.P.Arachi	Zoology	International Journal of Modern Research and Reviews	2019	2347-8314	http://journalijmrr.com/
Antioxidant and antitumour activity of acid soluble collagen extracted from freshwater snakehead fish channa striatus	M.Prakash	Zoology	Journal of Emerging Technologies and Innovative Research	2019	2349-5162	https://www.jetir.org/
Antioxidant and Hemolytic activity of the fish collagen extracted from freshwater snakehead fish chana striatus	M.Prakash	Zoology	International Journal of Pharmacy and Biological Sciences	2019	Online : 2230-7605 Print : 2321-3272	https://ijpbs.com/