



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

(Links to the papers published in journals listed in UGC CARE list)



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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 article / paper / abstract of the article
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/wp-content/uploads/2024/03/5.FJ23C296.pdf
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://inao-nu.com/Vol.%2015,%20Issue.%2001,%20January-June%20:%202024/2.6.pdf
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/uploads/archives/20240715171536_B-24-90.1.pdf
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/wp-content/uploads/2024/05/18.FJ23C385.pdf
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://inao-nu.com/Vol.%2015,%20Issue.%2001,%20January-June%20:%202024/22.3.pdf



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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/viewpaperforall?paper=IJNRD2402045
LEAN SIX SIGMA METHODOLOGY FOR MANUFACTURING INDUSTRY DEFECT REDUCTION	Eakambaram. S	Statistics	Journal of Xidian University	2024	1001-2400	https://drive.google.com/file/d/1BxNEegDk8lxaHRu43OtG5pDIyIOnHL6K/view
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/article/10.1007/s12668-023-01193-z
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://doi.org/10.52783/tjpt.v44.i2.1065
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/article/view/1353/1040
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/archives/volume-12/issue-6/10328
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/ArticleDetails.aspx?id=14901



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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/index.php/journal/article/view/1434/1003
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/index.php/journal/article/view/1435
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/article/view/5488
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://doi.org/10.1007/s10854-023-11715-w
POLYNOMIAL REGRESSION MODELLING PERFORMANCE EVALUATION	Eakambaram. S	Statistics	Journal of Information and Computational Science	2023	1548-7741	https://drive.google.com/file/d/1fu8eMCJaL15ASdVGyCGyJ7Vz_53aNHyh/view
A CONTRAST BETWEEN THREE LINEAR PROGRAMMING MODELS FOR ESTIMATING LEAST ABSOLUTE REGRESSION MODEL	Eakambaram. S	Statistics	Journal of Xidian University	2023	1001-2400	https://drive.google.com/file/d/1O615pkbriLTU4B9-YBm4N4-sHdVqqNv/view
ESTIMATION OF LEAST ABSOLUTE DEVIATIONS REGRESSION WITH SERIALY CORRELATED DISTURBANCES	Eakambaram. S	Statistics	High Technology Letters	2023	1006-6748	https://drive.google.com/file/d/1ppGvybUUGmSqdVRPAWWzn7MQXjrhlrvE/view



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Estimation of Least Absolute Deviation for Multiple Linear Regression Models	Eakambaram. S	Statistics	High Technology Letters	2023	1006-6748	https://drive.google.com/file/d/1oIoz2rH_HcuCR1lyL95fIGmeNa2Fuacy/view
PROCESS IMPROVEMENT USING SIX SIGMA DIFFERENT COMPONENTS	Eakambaram. S	Statistics	High Technology Letters	2023	1006-6748	https://drive.google.com/file/d/16TRe0bpblHIOVA4D5-NF2hvcoSBvAFom/view
THE METRICS FOR LEAST SQUARES ROBUST RIDGE REGRESSION ESTIMATOR TO SOLVE MULTICOLLINEARITY	Eakambaram. S	Statistics	Journal of Xidian University	2023	1001-2400	https://drive.google.com/file/d/18aVizBcFZUYAIUqIEVXfF6gDUoPnMDXN/view
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/article/view/8379/4576
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/article_overview?id=MTAyMDIzMTEzMDQ1NDA1MjA2
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/article/view/5168/3578
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/article/view/5167



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ROLE OF SELF HELP GROUPS IN THE ECONOMIC DEVELOPMENT OF WOMEN – SPECIAL REFERENCE TO KOZHICODE DISTRICT	Dr. R. Prabakaran	Commerce	THE SEYBOLD REPORT	2023	1533-9211	https://seyboldreport.org/article_overview?id=MTEyMDIzMDcwNDE0MTg3Mjc4
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/article_overview?id=MDUyMDIzMDUyNTQ5NDYxNTI2
Sanadhana Maatramum Maru Aakkamum - Pandiya Nedunchezhiyanai Mun Vaithu	Dr.C.ELUMALAI	TAMIL	Journal of Tamil Culture and Literature	2023	2583-0325	https://www.forschung.in/journals/index.php/itcl/article/view/75
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/article/view/6446
An Medical Clinical, of a Single-Queue, Single-Server Model with a Feedback	N.Paranjothi	Statistics	Journal of Xidian University	2023	1001-2400	https://drive.google.com/file/d/1_lgQzjopjpEAGeszkhkQylx2Qw1qHd2z/view
Analysis of the Steady State of a Queueing System with Random Vacation Under Additional Variables	N.Paranjothi	Statistics	High Technology Letters	2023	1006-6748	DOI.org/10.37896/HTL29.05/8636
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	https://drive.google.com/file/d/1_x87y3dSOZV9dMxOz8Fkj1Y3I4_wvGBo/view



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Modelling of a cloud platform via M/M+ M/1 queues of a Jackson network	N.Paranjothi	Statistics	International Journal of Cloud Computing	2023	Print: 2043-9989 Online: 2043-9997	https://doi.org/10.1504/IJCC.2023.129774
Assessing the Vanishing State through Hidden Markov Chain in an Organization	N.Paranjothi	Statistics	Journal of Xidian University	2023	1001-2400	https://drive.google.com/file/d/1fHKc90Otf6h9o4AZO4ejQ1xekb1d7vVY/view
Markov model analysis of faculty promotion in education institution	N.Paranjothi	Statistics	Journal of Xidian University	2023	1001-2400	https://drive.google.com/file/d/1z6Fe5XFa0hGfNjryAq8lpXVapPT1zPBY/view
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://scijycl.cn/article/view-2023/pdf/03_1559.pdf
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/chapter/10.1007/978-981-19-0471-4_2
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://doi.org/10.1016/j.cdc.2021.100825



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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/article/10.1007/s42250-022-00438-w
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/JOURNAL/issue70/ISSUE%2070%20FEB%202022%20FULL%20TEXT%20PART%20-%202.pdf
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/JOURNAL/issue70/ISSUE%2070%20FEB%202022%20FULL%20TEXT%20PART%20-%202.pdf
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	https://www.zoologyjournals.com/archives/2022/vol7/issue1/7-1-13
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/article/view/2872
Effect of Cadmium and LC50 Values of WBCs of Labeo Rohita Freshwater Fish.	K.Aruldoss	ZOOLOGY	International Journal of Fisheries and Aquaculture Sciences	2022	2248-9975	http://www.irphouse.com/ijfas22/ijfasv12n1_02.pdf



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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://link.springer.com/article/10.1007/s42979-022-01337-0
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/article/view/2171/754
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/article/view/2171
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/article/view/397
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/article/view/9913



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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	https://www.ingentaconnect.com/contentone/asp/jon/2022/00000011/00000006/art00014?crawler=true&mimetype=application/pdf
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://kalaharijournals.com/resources/APRIL_69.pdf
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://iosrjournals.org/iosr-jm/papers/Vol18-issue2/Ser-1/E1802013241.pdf
Contemporary Tamil Poems : Gyno Critic Approach	Dr.J.Shyamala	Tamil	International Research Journal of Tamil	2022	2582-1113	https://irjt.iiorpress.org/index.php/irjt/article/view/1271
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	https://ijbpas.com/pdf/2022/January/MS_IJBPAS_2022_JAN_SPCL_1078.pdf



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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/JOURNAL/issue73/ISSUE%2070%20FEB%202022%20FULL%20TEXT%20PART%20-%202.pdf
Optimization of scale inhibitors nitrilotriacetic 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://doi.org/10.1007/s11696-022-02503-7
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/article/view/1120
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/issues/2022/08/00/yk2171/
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/papers/IJCRT2204014.pdf



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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://kalaharijournals.com/resources/APRIL_69.pdf
Fuzzy relational equation -composition of maximum-addition	S. Ramathilagam	Mathematics	GIS SCIENCE JOURNAL	2022	1869-9391	https://drive.google.com/file/d/1BFOENFRLnhnlu5Z8QHxu8rOfuHcnHkx/view
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/science/article/abs/pii/S2405830021001798
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/article/SEXUAL+HARASSMENT+AND+WOMEN+RIGHT+PROTECTIVE+MECHANISM+IN+TAMILNADU_5281/
Robust Regression using Least Absolute Deviations Method	Dr. S. Eakambaram	Statistics	International Journal of Mechanical Engineering	2022	0974-5823	https://kalaharijournals.com/resources/MAY_08.pdf
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.aryanseducationtrust.com/files/ugd/1ee7d3_ccc88bc703af46d0b77c115f9fbadbfd.pdf



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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.aryanseducationtrust.com/files/ugd/1ee7d3_ccc88bc703af46d0b77c115f9fbadbfd.pdf
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/science/article/abs/pii/S2214785320396541
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/article/10.1088/1742-6596/1724/1/012046/pdf
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://doi.org/10.1007/s42250-021-00300-5
Synergistic effects of magnesium and EDTA on polymorphism and morphology of CaCO3 and its influence on scale	V K Subramanian	Chemistry	Journal of Crystal Growth	2021	Online: 1873-5002 Print: 0022-0248	https://www.sciencedirect.com/science/article/abs/pii/S0022024821000841
An Identification of Heart Disorder using Machine Learning Algorithms	G. Karthikeyan	Computer Science	Design Engineering	2021	0011-9342	https://www.thedesignengineering.com/index.php/DE/article/view/4206



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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 article / paper / abstract of the article
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://turkijphysiotherrehabil.org/pub/pdf/321/32-1-3388.pdf
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	https://www.ingentaconnect.com/contentone/asp/jctn/2021/00000018/00000004/art00013
Fuzzy relational equation of minimum-addition composition	S. Ramathilagam	Mathematics	Strad Research	2021	0039-2049	https://doi.org/10.37896/sr8.1/002
Washing machine using fuzzy logic controller to provide wash quality	S. Ramathilagam	Mathematics	Soft computing	2021	1433-7479, 1432-7643	https://link.springer.com/article/10.1007/s00500-020-05477-4
Automation on washing machine using fuzzy logic controller provided with three input and two output for setting the temperature of water	S. Ramathilagam	Mathematics	IEEE-International Conference on Trends in Electronics and Informatics (ICEI)	2021	978-1-6654-1570-5	https://ieeexplore.ieee.org/document/9453060
Fuzzy logic control system of Washing machine using Python	S. Ramathilagam	Mathematics	Malaya journal of Matematik	2021	2321 – 5666	https://www.malayajournal.org/articles/MJMS210109.pdf
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/articles/MJMS210070.pdf



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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/article/10.1007/s00339-021-05179-0
AWomen's Responsibility is more than Male People in the Society : A Critical analysis	Dr.M.Jeyabrabha	Political Science	Journal of Emerging Technologies and Innovative Research	2021	2349-5162	https://www.jetir.org/papers/JETIR2110214.pdf
Evaluation of Breast Self -Examination and Clinical Breast Examination Among Rural Female Population in Tamilnadu: A Pilot Study"	N.Paranjothi	Statistics	Aryabhata Journal of Mathematics and Informatics	2021	Print : 0975-7139 Online : 2394-9309	https://www.indianjournals.com/ijor.aspx?target=ijor:abjmmi&volume=13&issue=2&article=013
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/article/view/6292
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/info/inarticle.php?artid=116317



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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)/fileview/histological-studies-on-the-cissus-quadrangularis-plant-extract-treated-fish-oreochromis-mossambicus-peter_March_2022_9754692312_2314912.pdf
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://doi.org/10.1016/j.jssc.2021.122026
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/master/publishedpaper/IJIR_T150740_PAPER.pdf
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/article/view/5276
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://serisc.org/journals/index.php/IJAST/article/view/34188



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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	https://www.researchgate.net/publication/347911323_ESTIMATION_OF_QUALITATIVE_AND_QUANTITATIVE_ANALYSIS_OF_ANTIOXIDANT_ACTIVITY_OF_DIFFERENT_PARTS_OF_CATHARANTHUS_ROSEUS_L
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/pdf/S2405-8440(20)30351-0.pdf
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://www.sciencedirect.com/org/science/article/pii/S205698902200994X
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://doi.org/10.1016/j.cplett.2020.137502
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://drive.google.com/file/d/1dd54j_ENmHVfEDPs51b5MebXK_iVKuVm/view



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Structural and Magnetic Characterization of Rare Earth Element Cerium-Doped Nickel Ferrite Nanoparticles (NiCexFe2-xO4) by Sol-Gel method with antibacterial activity	R Thilak Kumar	Physics	Journal of superconductivity and novel magnetism	2020	1557-1939	https://link.springer.com/article/10.1007/s10948-020-05475-5
Synthesis, characterization and applications of Aniline passivated bismuth selenide	R Thilak Kumar	Physics	Materials Today: Proceedings	2020	2214-7853	https://doi.org/10.1016/j.matpr.2020.03.744
Construction of Shopping Model and Analysis using Fuzzy Linear Programming	Dr. S. Ramathilagam	Mathematics	Design Engineering	2020	0011-9342	http://thedesigengineering.com/index.php/DE/article/view/2159
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/article/view/28895
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/science/article/abs/pii/S0925346720306765?via%3Dihub



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A Digital Court monopolization of the facilities in Indian judiciary and new judicial culture in Covid	Dr.T.Jothiramalingam	Political Science	Journal of Xidian University	2020	1001-2400	https://doi.org/10.37896/jxu14.11/052
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://drive.google.com/file/d/1CEV6uJTM6sul2U6bj-cV59iHAAuRa377/view
Development of Hybrid Queuing Model	N.Paranjothi	Statistics	Solid State Technology	2020	0038-111X	https://solidstatetechnology.us/index.php/JST/article/view/5074
A Case Study of Queueing Model in a Restaurant	N.Paranjothi	Statistics	Parishodh Journal	2020	2347-6648	https://app.box.com/s/2pb36twj3k2xvc5kzynj52irw4jil89
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/final-print/apr2020/Expected-Time-Using-Alpha-Poisson-Distribution-Under-Stochastic-Model.pdf
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/article/view/1037/3919



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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/ejbps/abstract_id/6532
English Textbook Evaluation at Higher Secondary Level – A Study	Dr.R.Baskaran	English	Journal of Information and Computational Science	2020	1548-7741	https://drive.google.com/file/d/1ygEQVbOJ8cUZ53sOzfY9C7R9vzDsCZYm/view
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/article/view/365/474
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/science/article/abs/pii/S0022286019308129
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/index.php/volume-11-issue-12-december-2019-r/
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/wp-content/uploads/2019/11/10.pdf



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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://ijrar.org/papers/IJAR19J2629.pdf
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://app.box.com/s/mea13rppnpoc44g6xb5642322n4k288h
Feedback Based Congestion Control for TCP/IP Performance Enhancement in Wireless Networks	Dr. M. Leenus	Computer Science	Journal of Emerging Technologies and Innovative Research (JETIR)	2019	2349-5162	https://www.jetir.org/view.php?paper=JETIR1902B45
A Hybrid Approach For Improving Accessibility In Data Grid Environment Using Dynamic Replication And Consistency Methods	Dr. R. Bhuvaneshwari	Computer Science	ARPN Journal of Engineering and Applied Sciences	2019	1819-6608	https://www.arpnjournals.org/jeas/research_papers/rp_2019/jeas_0119_7545.pdf
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/pdfSplPaperView.php?paper_id=1098&20-IACIT%20-%20403.pdf
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/article/10.1007/s41688-018-0026-1
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/article/view/9330



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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/article/view/11857/8674
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/science/article/abs/pii/S0921452619302595
Synthesis growth and characterization of semi organic non linear optical single crystal bis (thiourea) barium nitrate (BTBN) for Frequency conversion	A. Anbarasi	Physics	Material Science Poland	2019	ISSN:2083-1331 EISSN:2083-134X	https://intapi.sciendo.com/pdf/10.2478/msp-2019-0039
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/papers/JETIR1901206.pdf
Perovskite sensitized erbium doped TiO2 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/science/article/abs/pii/S0925346719303386
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/science/article/abs/pii/S2214785319325763



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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/article/10.1007/s11082-019-2034-2
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/science/article/abs/pii/S0304885318326787
Enhanced magnetic property and antibacterial biomedical activity of Ce ³⁺ doped CuFe ₂ O ₄ spinel nanoparticles 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/science/article/abs/pii/S0304885318336977
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://doi.org/10.1016/j.apsusc.2019.05.172
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	https://ijrar.org/viewfull.php?&p_id=IJRAR19K8343
A Maximum Likelihood Approach to Least Absolute Deviation Regression	Eakambaram. S	Statistics	Review of Research	2019	2249-894X	https://drive.google.com/file/d/1sG83MoaPclmJGvT_DrN9VCPsSaasVIVW6/view?usp=drivesdk



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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://iaraedu.com/pdf/ijair-volume-6-issue-2-xviii-april%E2%80%93june-2019.pdf
A New Area-Biased Distribution with Applications in Cancer Data	R. Mohanasundari	Statistics	Science, Technology and Development	2019	0950-0707	https://drive.google.com/file/d/1MHGa6wwrli7gDLruPaBDKY53qjVw4z7O/view
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	https://drive.google.com/file/d/1sYb_L6BAeLQQhyised6Whq5AyBXd2_u/view?usp=drivesdk
Level Dependent Quasi-Birth and Death Processes of queues with Stalling	N.Paranjothi	Statistics	Science, Technology and Development	2019	0950-0707	https://drive.google.com/file/d/1Ezcv0HTAtQSApgEUwWHCAjCoUH8afEI5/view
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/article-abstract/2177/1/020054/1018564/A-discrete-time-gated-vacation-queue-with-a-bulk?redirectedFrom=fulltext



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Quasi-birth and death processes of two server queue with stalling	N.Paranjothi	Statistics	Opsearch, Springer	2019	0030-3887	https://link.springer.com/article/10.1007/s12597-019-00376-1
On Weighted Quasi-Sujatha Distribution with Properties and Applications to Bladder Cancer Data in Survival Analysis	R. Mohanasundari and Susiganeshkumar, E	Statistics	Science, Technology and Development	2019	0950-0707	https://drive.google.com/file/d/1W8yIFUvky_s3zePLCMgdFs8HW4i8vhGDC/view
Calculating the Survival Time of Cancer Patients Through Exponentiated Weibull Distribution	S. Jothimanikam	Statistics	Journal of Information and Computational Science	2019	1548-7741	https://drive.google.com/file/d/1stnt-8i7FpD2joy7IXb46ofkr-hYkE_F/view?usp=drivesdk
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://drive.google.com/file/d/113tGxjwO5XQMVogDZOcpPYQDCjZZYYxL/view
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/wp-content/uploads/2020/02/Dr-Arachi.pdf
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/wp-content/uploads/2020/02/IJMRR-19-2.pdf



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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/papers/JETIR1902C64.pdf
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/ijpbsadmin/upload/ijpbs_5cedb2b0e11d4.pdf#:~:text=Thus%2C%20the%20collagen%20extracted%20from,mode%20of%20action%20against%20microbes.