

Details of Research Publications (Faculty Members)
(2023-24)

S.No.	Title	Department	Author	Journal	Volume/ Page No
1.	Ilakkiyangal Kaattum Pen Nilaiyaadu	Tamil	Dr.M.J. Maheswari	Shanlax Journal	Volume – II P-ISSN 2321 – 788x E- ISSN 2582 – 0397
2.	Family Factors Triggering Victimization of Child Sexual Abuse in Joyce Carol Oates’s Select Fiction	English	Dr. K. Sangeetha	Aadhunik Sahitya	Volume 48 Issue no. 12 Oct- Dec 2023
3.	Unveiling Parental Favoritism In Adichie’s “Cell One” And “Tomorrow is Too Far”	English	Dr.A.Selvalakshmi	Satraachee - UGC Care Group I Journal	April – June 2023, Vol.39, No.3, Issue - 27
4.	Anatomization of Culture Shock In Adichie’s “The Thing Around Your Neck”	English	Dr.A.Selvalakshmi	Atishay Kalit - UGC Care Group I Journal	July 2023, Vol.10, Part B, Sr. No. - 18
5.	A Study of Freud’s Dual Instinct Theory through the Selected Works of Ruskin Bond	English	Dr.A.Selvalakshmi	IIS University Journal of Arts - UGC Care Group I Journal	July – August 2023, Vol.12, Issue -1&2
6.	Chimamanda Ngozi Adichie’s Purple Hibiscus: A Study of Lipstick Feminism	English	Dr.A.Selvalakshmi	Literary Voice - Web of Science (ESCI) - UGC Care Group II Journal	September 2023, Vol. 1, No.21
7.	A Study on Young Adults’ Stance in Politics in Veronica Roth’s Divergent Trilogy	English	Dr. C. Preetha	Atishay Kalit	ISSN: 2277-419X Pg. no.: 283-290
8.	Martin Seligman’s ABCDE Technique – An Evaluation of Preeti Shenoy’s Life is What You Make It	English	Dr. C .Preetha	Literary Voice An International Peer Reviewed Journal of English Studies	ISSN: 2277-4521 Number 21, Volume 1, Sep 2023. Pg.no.: 241-49

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9.	Unravelling the Moral Development Stages of Sonya Kantor in Veronica Roth's <i>Poster Girl</i> through Kohlberg's Moral Development Theory	English	Dr. C. Preetha	Literary Voice An International Peer Reviewed Journal of English Studies	ISSN: 2277-4521 Number 2, Volume 1, January 2024. Pg.no.: 31-39
10.	Judith Herman's Trauma Recovery Theory: An Analysis of PTSD in Tana French's <i>In the Woods</i>	English	Dr. C. Preetha	Humanities and Social Science Studies	ISSN: 2319-829X Vol. 13 Issue 01, No.18, January – June: 2024
11.	Breaking the Gender Stereotypes: A Comparative Study on M.K. Binodini's <i>The princess and the political agent</i> and Kavita Kane's <i>Ahalya's Awakening</i>	English	Dr. S. Ramya Niranjani	Aadhunik Sahitya	Volume No: 12 Page: 341-346
12.	Marriage through the Lens of Scriptures: A Biblical View on Jaishree Misra's Ancient Promises	English	Dr. S. Ramya Niranjani	Aadhunik Sahitya	Volume No. 48, Page: 313-320
13.	ICT Tools in Agriculture: A Study	English	Dr. S. Maheswari	Journal of Namibian Studies	Vol. 33, Special Issue 1, pg: 2624-30
14.	Representation of Female Masculinity in Octavia Butler's <i>Wild Seed</i>	English	Mrs. S. Lavanya	Atishay Kalit - A UGC Care Listed Peer Reviewed and Referred International Bilingual Research Journal of Humanities, Social Science & Fine-Arts LOTUS (July- December) ISSN: 2277-419X	Vol. 10, P.B.Sr. 18, Year 2023 Pages: 132-137
15.	Chasing the History of Japan: Haruki Murakami's <i>A Wild Sheep Chase</i>	English	Mrs. S. Lavanya	Samdarshi A UGC CARE Listed Journal ISSN: 2581-3986	Vol. 16, Issue 4, September 2023 Pages: 1765-69

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16.	An Analysis of Humanimalia in Octavia Butler's Clay's Ark	English	Mrs. S. Lavanya	Journal of Advanced Zoology Details of publication: Oct 17, 2023 https://doi.org/10.17762/jaz.v44i3.1050 ISSN: 0253-7214	Vol. 44, No. 3 (2023) Pages: 713-16
17.	Silence as a Tool of Oppression in Kim Harrington's Revenge of the Red Club	English	Mrs. S. Lavanya	Literary Cognizance An International Refereed/Peer Reviewed e-Journal of English Language, Literature and Criticism ISSN 2395-7522 IF: 6.21	Vol 4, Issue 3, Dec 2023 Pages: 04-11
18.	Hyperempathy: Not a Vulnerability but a Possibility: A Study of Octavia Butler's Parable Series	English	Mrs. S. Lavanya	The National Council of Churches Review (NCC Review) UGC CARE List ISSN 0975-1882	Vol. CXLIII, No. 9, October 2023 Pages: 482-89
19.	Rocks and Rags: A Study of Octavia Bulter's Parable of the Sower as an Epidemic Story	English	Mrs. S. Lavanya	BODHI - International Journal of Research in Humanities, Arts and Science An Online, Peer Reviewed and Quarterly Journal EISSN: 2456-5571	Volume 8, Special Issue: 1, October 2023, Pages: 123-28

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20.	Manuscripts Iconography of the Chola and Vijayanagara Nayak (later medieval period)	History	Dr.R.Anuradha	International Journal of Multidisciplinary Advanced Scientific Research and Innovation- (IJMASRI) ISSN: 2582-9130	IJMASRI, Vol. 1, issue 1, pp. 65 - 69, Oct. -2023
21.	Style of Art and Architecture during Chola period	History	Dr.R.Thilainayaki	Internatiaonal Journal of Multidisciplinary Advanced Scientific Research and Innovation (IJMASRI)	Vol 2, Issue, PP-344-347- Oct. -2023
22.	திண்டுக்கல் கோட்டை வரலாறும் கட்டிடக் கலையும்	History	Dr. A. Aaravalli	திட்டம் வளர்ச்சிக்கான மாத இதழ்	ISSN- 0971- இதழ் -12 டிசம்பர் – 2023 Page no.27-30
23.	Covid-19 Pandemic: Effects on Air Quality in Southern States of India	Economics	Dr. J. Sathya & Dr. P. Kanakarani	Ecology, Environment and Conservation	29 (2): June 2023; pp. (810-816)
24.	Comparative Analysis of Noise and Air Pollution in India	Economics	Dr. J. Sathya & Dr. P. Kanakarani	<u>Indian Journal of Environmental Protection</u>	3(9): 799 - 806: Vol. 43 Issue. 9 (September 2023)
25.	Examining the Volatility of Conventional Crypto currencies and Sustainable Crypto currency during Covid-19: Based on Energy Consumption	Economics	Dr. J. Sathya	International Journal of Energy Economics and Policy	Vol. 13 No. 6 Nov. 2023 pp: 344 – 352

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26.	What Ails Cyber Insurance? An Analysis of Barriers and Drivers Using Fuzzy TOPSIS Method	Mathematics	Dr.B.Amudhambigai	SN Computer Science	Vol. 5, No. 20, (2024), Pp: 19-21
27.	A Sampled- Data Stabilization Analysis on Memristive BAM Neural Networks for Memductance Function	Mathematics	Dr. R. Anbuviya	International Journal of Control	(2023), Pp: 1-12
28.	Vigilant Salp Swarm Algorithm for Feature Selection	Statistics	Mrs.N.Padmapriya	Computing and Informatics	Vol. 42, NO. 4, pages: 805-833
29.	Design and Development of Profile Wicking Tester to Analyze the Liquid Distribution of Nursing Pad in Actual Usage Condition	Statistics	Dr. V. Nirmala	Yuvista	Vol. 02, Issue 01 & Pages 26-44
30.	An investigation of the correlation between the photovoltaic, magnetic and optical properties of CoCr_2O_4 due to the doping effect of rare-earth La^{3+} ions.	Physics	Dr. N. Prabavathi	Chemical Physics Impact	04 May, 2023, 6, 100220-100227
31.	Large third-order nonlinear susceptibility of newly synthesized 3-amino-1H-1,2,4-triazolium p-toluene sulfonate (TPTSA) single crystal measured by the open and closed aperture of the Z-scan technique.	Physics	Dr. N. Prabavathi	Journal of Molecular Structure	06 August, 2023, 1294, 136376-136393

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32.	Copper oxide-anchored ZnO nanoflakes for the enhanced photocatalytic degradation performance and mechanistic investigations	Physics	Dr. K. Suguna	Physica B: Condensed Matter	01 December 2023, 415336
33.	Tailoring structural, optical, and magnetic properties of Y ³⁺ doped CoFe ₂ O ₄ Nano particles to enhance photocatalytic activity	Physics	Dr.S.S.Gomathi	Ceramics International	February 2024 Volume50 (7), 10079 - 10097
34.	Improved photocatalytic performance in Ce ³⁺ doped CoFe ₂ O ₄ nanoparticles by modifying structural, optical, and magnetic properties	Physics	Dr.S.S.Gomathi	Materials Science in Semiconductor Processing	March 2024 Volume 176, 108328
35.	<u>Synthesis, structural analysis, and electrochemical performance of chitosan incorporated CuO nanomaterial for supercapacitor applications</u>	Physics	Dr. C. Sridevi	Inorganic Chemistry Communications	Volume 156 , October 2023, 111222-111233
36.	Surfactant assisted morphology controlled CuO nanostructures for enhanced photocatalytic performance and bacterial growth inhibition	Physics	Dr. C. Sridevi	Materials Science & Engineering B	Volume 294, August 2023, 116562-116576

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37.	A detailed investigation on the structural, optical, and photocatalytic properties of ZnO @ ZnS core-shell nanostructures	Physics	Dr. C. Sridevi	Journal of Materials Science: Materials in Electronics	Volume34, August 2023, 1655
38.	A novel carbon doped CeO ₂ /g-C ₃ N ₄ heterostructure for disinfection of microorganisms and degradation of Malachite green and Amoxicillin under sunlight	Physics	Dr. C. Sridevi	Surfaces and Interfaces	Volume 44, January 2024, 103803-103820
39.	In-vitro antidiabetic activity, theoretical investigation by DFT and molecular docking of mono oxovanadyl (IV) azomethine macromolecule	Chemistry	Dr. S. Anbuselvi	Journal of the Indian Chemical Society	100; 101033
40.	Detoxification of <i>p</i> -nitrophenol (PNP) using <i>Enterococcus gallinarum</i> JT-02 isolated from animal farm waste sludge	Chemistry	Dr.V.Janaki	Environmental Research	231, 116289
41.	Significance of <i>Herbaspirillum</i> sp. in biodegradation and biotransformation of herbicides, pesticides, hydrocarbons and heavy metals – A review	Chemistry	Dr.V.Janaki	Environmental Research	239, 117367
42.	Exploring Neophytadiene from <i>Ampelocissus araneosa</i> : A Molecular Docking Approach to Inhibit Biofilm Formation in <i>Staphylococcus aureus</i>	Botany	Dr. B. Uma Maheswari and Dr. G. Kalaiselvi	Uttar Pradesh Journal of Zoology	Volume 45, Issue 3, Page 59-70, 2024.
43.	Phyto chemical examination and disinfectant actions of novel herbal formulations.	Botany	Dr. S.D.K. Shri Devi	Journal of Data Acquisition and Processing	05 July-September 2023.Vol. 38 (4) 2023 2340 ISSN: 1004-9037 https://sjcjycl.cn/article/view-2023/04-2340.php

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44.	Studies of ayurvedic polyherbal formulations and its spectral characteristics	Botany	Dr. S.D.K. Shri Devi	Eur. Chem. Bull.	Section A-Research paper ISSN 2063-5346 2023, 12(Special Issue 4), 19549–19556
45.	The management of osteoarthritis symptomatology through nanotechnology: a patent review	Botany	Dr. R. Gomathi	Journal of Microencapsul atom	40(7):475-490, 2023 doi: 10.1080/02652048.2023.2258955
46.	Agro-Industrial Residues Used as Substrates for the Production of Bioaroma Compounds with Basidiomycetes: A Comprehensive Review	Botany	Dr. R. Gomathi	Fermentation	10(1):23, 2023 DOI: 10.3390/fermentation10010023
47.	Bioactive Ethnomedicinal Plant Extracts for the Management of Urinary Tract Infection in Pregnancy Women Challenges in Pandemic Period	Zoology	Dr.S.Vijayalakshmi	Journal of Drug Delivery and Therapeutics	13(3) / 30-36
48.	The Impact of Citric Acid Hydrolysis on Starch Functionality in MangiferaIndica of Sindoor Variety: A Comprehensive Analysis	Home Science	Mrs.K.Rani	Oriental Journal of Chemistry	Volume 40 Number Page No247-257
49.	Extraction and Quality Evaluation of Starch from Sindhoora Variety Mango Seed Kernel	Home Science	Mrs.K.Rani	International Journal of Life Science and Pharma Research	Volume13 Issue 6 November 2023 L11-L21

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50.	Data Analytics in Healthcare Sector	Computer Science	Dr. C. Immaculate Mary	International Journal of Emerging Technologies and Innovative Research (JETIR).	Volume 11, Issue 1 January 2024 ISSN: 2349-5162 Page No : c104 -c110
51.	Prediction of Crime Against Women Using KMMSDL and PPCSGO Optimization Techniques	Computer Science	Dr. R. Uma Rani	Journal of Emerging Technologies And Innovative Research (JETIR)	Volume 11, Issue 3, March 2024 ISSN:2345-5162 Page No : h305- h312
52.	Trend Analysis of Cardiovascular Diseases,1990-2019	Computer Science	Dr. R. Uma Rani	Journal of Emerging Technologies And Innovative Research (JETIR)	Volume 10, Issue 10, October 2023 ISSN:2345-5162 Page No : b283 - b305
53.	Prediction Analysis of Crime Against Women data Using Machine Learning and Statistical Imputation Techniques	Computer Science	Dr. R. Uma Rani	International Journal of Intelligent Systems And Application in Engineering (IJISAE)	Volume No: 12, Issue : 13(s), ISSN : 2147-6799 Page No: 483 to 495
54.	Enhancing Motor Imagery Classification With Deep Learning :A Focus on Dimensionality Reduction and Temporal Features	Computer Science	Dr. R. Roselin	International Journal of Intelligent Systems And Application in Engineering (IJISAE)	Volume No: 12, Issue : 11(s), ISSN : 2147-6799 Page No: 121 to128
55.	"The Role of Entrepreneurship in Stimulating Innovation and Economic Growth"	Commerce	Dr. M. Abirami	European Chemical Bulletin	2063-5346/ 3409-3502

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56.	Consumer Perception Towards FMCG Products in Kallakurich District	Commerce	Dr.G.Selvalakshmi	Dogo Rangsang Research Journal	UGC Care ISSN-2347-7180 June, 2023, Volume.13, Issue.6, No.5
57.	Online Impulse Buying Behavior and Customer Loyalty: An Empirical Study on the Mediating Role of Customer Satisfaction in FMCG Sector	Commerce	Dr.G.Selvalakshmi	Humanities and Social Science Studies	UGC Care ISSN – 2319-829X January – June 2024, Volume.13, Issue 01, No.14
58.	Nurturing Digital Literacy in Higher Education	Commerce	Dr. R. Pavithra	Pranav Journals	2023, ISSN: 2582-9599. pp. 87 - 90.
59.	Customer's Attitude towards Cashless Transactions at Salem District	Commerce	Dr. R. Brinda Shree	International Journal of Research in Humanities and Social Sciences	July- Dec 2023, Vol 10(2), 65-69
60.	Effects of low intensity plyometric training combined with aerobic training on agility of school kabaddi players	Physical Education	Dr. S. Malar	Journal of Emerging Technologies and Innovative Research.	10(12).