

KONGUNADU ARTS AND SCIENCE COLLEGE (Autonomous)
Coimbatore – 641 029
(Academic Year 2023 – 2024)

Research Paper published by Faculty Members (International Journals)

DEPARTMENT OF BIOCHEMISTRY (UG)

S.No	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/ Google Scholar
1.	Jose Vinoth Raja Antony Samy Nirubama Kumar, Sengottuvelu Singaravel Rajapandiyan Krishnamoorthy MohammadA Alshuniaber MansourK. Gatasheh Amalan Venkatesan, Vijayakumar Natesanand Sung-Jin Kim	Effect of Prunetin on Streptozotocin-Induced Diabetic Nephropathy in Rats - a Biochemical and Molecular Approach	Biomolecules and Therapeutics	July 2023	619- 628	3.7	SCIE
2.	Amritha Chakkittukandiyil, Saurav Chakraborty, Ram Kothandan, Emdormi Rymbai, Santhosh Kumar Muthu, Soumya Vasu, Deepak Vasudevan Sajini, Deepa Sugumar, Zubair Baba Mohammad, Saravanan Jayaram, Kalirajan	Side effects-based network construction and drug repositioning of ropinirole as a potential molecule for Alzheimer's disease: an in- silico, in-vitro, and in- vivo study	Journal of Biomolecular Structure and Dynamics	September 2023	301- 317	4.4	SCIE

	Rajagopal, Vadivelan Ramachandran & Divakar Selvaraj						
3.	Sowmya K M, R T Narendhirakannan	A critical review of the nutritional and pharmacological properties of <i>Elettaria cardamomum</i> (L.).	Chelonian Conservation and Biology	Nov 2023	640- 658	-	SCOPUS
4.	Anusha Shreenidhi Bhat a Amritha Chakkittukandiyil A, Santhosh Kumar Muthu b, Satvik Kotha a Sudharsan Muruganandham c, Kalirajan Rajagopal d, Saravanan Jayaram a Ram Kothandan c,**, Divakar Selvaraj	Network-based drug repositioning of linagliptin as a potential agent for uterine fibroids targeting transforming growth factor- beta mediated fibrosis	Biochemical and Biophysical Research Communicatio ns	703 (2024) 149611	001- 011	3.322	Yes
5.	Amritha Chakkittukandiyil, Saurav Chakraborty, Ram Kothandan, Emdormi Rymbai, Santhosh Kumar Muthu, Soumya Vasu, Deepak Vasudevan Sajini, Deepa Sugumar, Zubair Baba Mohammad, Saravanan Jayaram, Kalirajan Rajagopal, Vadivelan Ramachandran & Divakar Selvaraj	Side effects-based network construction and drug repositioning of ropinirole as a potential molecule for Alzheimer's disease: an in-silico, in-vitro, and in- vivo study	J Biomol Struct Dyn	2023 18:1- 15	1-15	3.8	yes
6.	T. Ganapathy, P. Senthamaraikannan, K Murugeswari, S. Arivazhagan & Santhoshkumar Muthu	Suitability Evaluation of Raw and Alkali-Treated Cannonball Fibers as	Waste and Biomass Valorization.	23 April 2024	12649- 024- 02514- 3	2.6	yes

		Reinforcement in Polymer Composites					
7.	Vennila Devi Kannan, Abhinav Jaisankar, Venkatesh Rajendran, Mohammad Z. Ahmed, Ali S. Alqahtani, Shadab Kazmi, Elumalai Madav, Shobana Sampath & Perumal Asaithambi	Ecofriendly bio-synthesis and spectral characterization of copper nanoparticles using fruit extract of <i>Pedaliu murex</i> L.: in vitro evaluation of antimicrobial, antioxidant and anticancer activities on human lung cancer A549 cell line	Materials Technology	12 December 2023	39:1, 22868 18	3.2	Yes
8.	Sakthi Palanisamy, Reeves David, Elumalai Madav, Vennila Devi Kannan, Venkatesh Rajendran, Shobana Sampath, Mohammad Z. Ahmed, Ali S. Alqahtani, Shada Kazmi and Perumal Asaithambi	Green fabrication of silver nanoparticles using leaf extract of tropical vine <i>Momordica charantia</i> : spectral characterization and in vitro cytotoxicity evaluation on human breast cancer cells	Materials Technology	7 January 2024	39, (1), 23044 28	3.2	Yes

DEPARTMENT OF BOTANY

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/ Web Science/ Indian Citation Index/
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							Google Scholar
1.	Deepa, P., Hong, M., Sowndhararajan, K. and Kim, S.	A Review of the Role of an Anthocyanin, Cyanidin-3-O- β -glucoside in Obesity-related Complications	Plants	2023, 12 (22)	3889	4.5	Web of Science - SCIE
2.	Napoli, E., Kim, M., Sowndhararajan, K., Ruberto, G. and Kim, S.	The Effect of Exposure to <i>Mentha suaveolens</i> Ehrh. Essential Oil on the Electroencephalographic Activity According to Gender Differences.	Journal of Essential Oil Research	2023, 35 (5)	486-499	3.0	Web of Science - SCIE
3.	Deepa, P., Sowndhararajan, K. and Kim, S.	A Review of the Harvesting Techniques of Microalgae	Water	2023, 15 (17)	3074	3.4	Web of Science - SCIE
4.	Muthukumaran, M., Parveen, M., and Vetri velavam, S	Survey of beneficial flowers available in Coimbatore district, Tamilnadu, India	Plant Science Today	2023, 11 (1)	366-376	-	Google Scholar
5.	Gogul Ramnath Madhusudhanan, Shathya Jayaraman, Thirugnanasampandan R, Bhuvaneswari Gunasekaran, Akila Gopalakrishnan	Chemical composition analysis and evaluation of antioxidant, antiacetylcholinesterase and cytotoxicity of <i>Murraya koenigii</i> spreng fruit oil	Journal of Microbiology, Biotechnology and Food Sciences	2023, 13 (3)	e.6135	0.9	Web of Science
6.	Vasantharani, S and Thirugnanasampandan R	Methyl jasmonate elicitation on increased production of Precocene II from adventitious root cultures of <i>Ageratum conyzoides</i> L. and evaluation of its antioxidant and cytotoxic activities	Acta Physiologiae Plantarum	2023, 45	125-132	2.6	Web of Science
7.	Jegadeshwari B., Thenmozhi. K., Sanmuga Priya E., Saraswathy SD	An Overview on the Ethno-pharmacological, Nutritional, and	Current Pharmacology Reports	2023, 9	377-389	0.597	Scopus

		Phytochemical Perspectives of <i>Elaeocarpus floribundus</i> Blume					
8.	Ashika. M, Rekka Raja and Nirubama Kumar	Antioxidant properties of silver nanoparticles biosynthesized from <i>Leucas aspera</i> spreng. (Lamiaceae) extract	Adalya Journal	2023, 12 (6)	113-125	-	Web of Science
9.	Koo J, Gurusamy D, Palli SR	Inefficient uptake of small interfering RNAs is responsible for their inability to trigger RNA interference in Colorado potato beetle cells	Archives of Insect Biochemistry and Physiology	2023, 114 (2):	1 - 12	2.454	SCIE
10.	P. Karthika, V. Balamurugan, G. Dhandapani, K. Vasanth	Embryo and Ovary Culture of Important Legume Horse Gram, <i>Macrotyloma uniflorum</i> (Lam.) Verdc	Asian Journal of Crop Science	2023, 15 (1)	8 - 15	-	Google Scholar
11.	ArunKumar R, Revathi P and Anupama VC.	Documentation of Plant Species in Eratti Hills, Western Ghats, Erode District, Tamil Nadu, India	Strad Research (UGC care)	2023, 10 (8)	691-709	-	Google Scholar
12.	Singh, Archana, Dhandapani Gurusamy, and Indrakant K. Singh	Editorial: Calcium signaling: an early plant defense response against pests and pathogens	Frontiers in Plant Science	2024; 15,	1400006	4.1	-
13.	V. Aravindhan, S. Jeevith, R. Aruna, V.S. Ramachandran and G. Gopal	Avenue tree diversity in the urban area of Coimbatore district, Tamil Nadu, India	Asian Journal of Forestry	2024 ; 8	72-78	-	Scopus
14.	Vimal Priya, S., Karthika, K., Anitha, P., Muruganantham, N. and Govindaraj, M.	Microwave assisted synthesis and Charaterization of Silver nanoparticles using <i>Vincetoxicum subramanii</i> and its biological activities	Research Journal of Chemistry and Environment	2024; 28 (6)	79-86	-	SCOPUS, SCI
15.	Vimal Priya, S., Karthika, K., Paulsamy S.	Elucidation of Phytochemicals in Stem Part and Evaluation of their Antioxidant Properties of <i>Vincetoxicum subramanii</i> (A. N.	Advances in Pharmacology and Pharmacy	2024; 12(3)	164 – 176	-	Web of Science

		Henry) Meve & Liede (Apocynaceae).					
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DEPARTMENT OF CHEMISTRY (UG)

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/ Google Scholar
1.	M Anusha, S Preethee, K Saminathan, P Kathireswari	Vermi degradation of different dietary supplements mediated on the reproduction and metabolic profile of earthworm Eudrilus eugeniae	Notulae Scientia Biologicae	Accepted Manuscript	-	-	-
2.	K Manojkumar, R Kandeegan, KM Batoo, S	Revolutionizing Hydrogen Fuel Production: Exceptional Hydrogen Evolution Reaction Performance of Metal Oxides Coated Kish Graphite Electrodes with Mathematical Modelling	Research Square	Accepted Manuscript June, 2023	-	-	-
3.	P Kathireswari, M Haritha, R Joseph, N Karmegam, K Saminathan	Toxic Effect of Lawsonia inermis Leaf Litter on Growth and Reproduction of Earthworm Eudrilus eugeniae	Journal of Soil Science and Plant Nutrition	Accepted Manuscript	-	-	-
4.	V Vaidhegi, K Saminathan, S Preethee, P Kathireswari	Vermi-Acceleration on the Degradation of Cigarette Butts and Nicotiana tabacum Using Earthworm Eudrilus eugeniae	Water, Air, & Soil Pollution	Accepted Manuscript	-	-	-

5.	S Preethee, P Kathireswari, K Saminathan	Influence of sugarcane bagasse and animal dung on the fatty acid profile and its reproductive indices of earthworm <i>Eudrilus eugeniae</i>	Biomass Conversion and Biorefinery	Accepted Manuscript	-	-	-
6.	B. Yogeshwar, , s. Deivanayaki , a. Sajitha banu, and E. Jayanthi	Computational Insights on Solvation and Hydrogen Bonding Studies of Indomethacin	-	-	February 2023	-	-
7.	B. Yogeshwar, *, s. Devanagari, a. Sajitha banu, and E. Jayanthi	Quantum Chemical Studies on Structural, Spectral and Frontier Molecular Orbital Analysis of Indometacin in Aqueous Phases	-	-	June, 2023	-	-
8.	K Karuppiah, K Rajendran, R Selvaraju, CP Kumarasamy, K Ethiraj	Length-weight relationship of flying fishes (Exocoetidae) from Bay of Bengal, Eastern Indian Ocean	Thalassas: An International Journal of Marine Sciences,	Accepted Manuscript	March, 2023	-	0.8
9.	Dr. E. Jayanthi	“Green synthesis of metal doped Zinc oxide nanoparticles using <i>bauhinia racemosa</i> Lam. extracted and evolution of their photocatalysis and biomedical applications	Applied bio materials	2024, vol.,7 No.4	2519-2532	4.7	SCI
10.	K.Chandra Prakash	First Record of Redfin Emperor Monotaxis heterodon (Lethrinidae) from Indian Waters with Molecular Confirmation	J. Ichthyol	2024, 64	202–208	-	-

DEPARTMENT OF COMPUTER SCIENCE (UA)

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Dr A.Kavitha, M Usha Devi, A Marimuthu, S Santhana Megala	Bipartite Graph Matching In Donor-Recipient Using Enhanced Drpm Algorithm For Liver Transplantation	RES MILITARIS	2023, VOLUME 13	6580-6585	2.22	Scopus Database [Social Science Journal]

DEPARTMENT OF ENGLISH (A)

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Dr.P. Chitra	An Eco-Critical view on Anthropocentrism in Kim Stanley Robinson's <i>Forty Signs of Rain</i>	Junikhyat Journal	2023, vol -13 Issue -10, No- 04	26-28	6.625	-
2.	Dr.P. Chitra	Climate change and its Repercussions in <i>Forty Signs of Rain</i> and <i>Fifty Degrees Below</i>	Journal of Namibian Studies	Volume-37 Issue-1 Nov 2023	277-282	-	Scopus
3.	Dr.P. Chitra	A Comparative Study on the Historical Perspective of Salman Rushdie's <i>Midnight's Children</i> and Gunter Grass <i>The Tin Drum</i>	JCT Journal	Volume XVI Issue-XI Nov 2023	78-83	5.7	-

4.	Dr. P. Chitra	Illustrating Resilience: A critical analysis of Trauma Representation in Benjamin Dix's Vannie: A Family's struggle through Sri Lankan conflict	The Asian Journal of Research Scholars; ISSN No-2584-2994	May, 2024; Volume-2; Issue-1;	1-6	-	UGC Care listed
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DEPARTMENT OF MATHEMATICS(A)

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	J. Christy Jenifer , V. Kokilavani	IFG# α -CS in Intuitionistic Fuzzy Topological Spaces	Ratio Mathematica	2023	-	-	-
2.	T Nandhini, M Vigneshwaran	On $\alpha g \# \phi \mu$ *-closed sets and $\alpha g \# \phi \mu$ *-continuous in hereditary generalized topological spaces	Asian-European Journal of Mathematics	2023, 16	2350149	0.8	Scopus
3.	G. Nandini, M. Venkatachalam, Vernold Vivin.J, Dafik	On r-Dynamic Coloring of n-Sunlet Graph Families	Proceedings of the Jangjeon Mathematical	2023	-	-	Scopus
4.	R M Falc3n, Gowri S, M Venkatachalam	Solving the dynamic coloring problem for direct products of paths with fan graphs	Analele Stiintifice ale Universitatii Ovidius Constanta, Seria Matematica	2023	-	-	-
5.	Ra3l M. Falc3n, M. Venkatachalam, S. Gowri, G. Nandini	The r-dynamic edge coloring of a closed helm graph	Revista de la Uni3n Matem3tica Argentina	2023			Scopus

6.	BJ Septory, L Susilowati, D Dafik, M Venkatachalam	On the study of rainbow antimagic connection number of comb product of tree and complete bipartite graph	Discrete Mathematics, Algorithms and Applications	2023			Scopus
7.	I Nengah Suparta, M Venkatachalam, I Gede Aris Gunadi, Putu Andi Cipta Pratama	Graceful Chromatic Number Of Some Cartesian Product Graphs	Ural Mathematical Journal''''	2023			Scopus
8.	S Julie Margaret, M Venkatachalam	On b-Chromatic Number of Various Middle and Total Graphs	International Journal of Open Problems in Computer Science & Mathematics	2023			
9.	L Vidyarani, AG Venish	On Binary Neutrosophic Crisp Points And Binary Neutrosophic Neighborhoods	Journal of Neutrosophic and Fuzzy Systems	2023			
10.	Kottakkaran Sooppy Nisar, K Logeswari, C Ravichandran, S Sabarinathan	New frame of fractional neutral ABC-derivative with IBC and mixed delay	Chaos, Solitons & Fractals	2023, 175	114050	9.92 2	SCI, Scopus & Web of Science
11.	C Ravichandran, K Logeswari, Aziz Khan, Thabet Abdeljawad, JF Gómez-Aguilar	An epidemiological model for computer virus with Atangana–Baleanu fractional derivative	Results in Physics	2023, 51	106601	5.3	Scopus & SCI
12.	Kottakkaran Sooppy Nisar, K. Munusamy, C Ravichandran	Results on existence of solutions in nonlocal partial functional integrodifferential equations with finite delay in nondense domain	Alexandria Engineering Journal	2023, 73	377-384	6.8	SCIE
13.	SPR Priyalatha, S Vanitha	On NS s (I) Semi Open Sets	Ratio Mathematica	2023			

14.	M Vivek Prabhu, M Rahini	Developing a topology generator using Python program	AIP Conference Proceedings	2023			Scopus
15.	X Qiang, S Omid, P Sathishmohan, K Lavanya, K Rajalakshmi	The Separation Properties of Binary Topological Spaces	Advances in Mathematical Physics	2023			Scopus
16.	P Sathishmohan, E Prakash, KS Viplavanjali, K Rajalakshmi	Some Operations in Kasaj Topological Spaces	Journal of Advanced Studies in Topology	2023			
17.	KS Viplavanjali, P Sathishmohan, E Prakash, K Rajalakshmi	Some Kinds of Separation Axioms in Kasaj Topological Spaces	Indian Journal of Science and Technology	2023			Web Science
18.	M Sindhu, P Sathishmohan, K Rajalakshmi	A Note on Separation Axioms in Kasaj Topological Spaces	Indian Journal of Science and Technology	2023			Web Science
19.	Raúl M Falcón, Venkitachalam Aparna, Nagaraj Mohanapriya	Optimal secret share distribution in degree splitting communication networks	Networks & Heterogeneous Media	2023,18	1713–1746	1.0	Scopus
20.	Ika Hesti Agustin, M Imam Utoyo, Dafik, N Mohanapriya, Slamin	The reflexive vertex strength on cycle and generalized friendship graph	Asian-European Journal of Mathematics	2023,16	2350137	0.82	Scopus
21.	Ika Hesti Agustin, Dafik Dafik, N Mohanapriya, Marsidi Marsidi, Ismail Naci Cangul	The Distance Irregular Reflexive K-Labeling of Graphs	CAUCHY: Jurnal Matematika Murni dan Aplikasi	2023,7	622-629		
22.	RM Falcón, V Aparna, N Mohanapriya	Optimal secret share distribution in degree splitting communication networks.	Networks & Heterogeneous Media	2023,18	1713–1746	1.0	Scopus

23.	K Suthi Keerthana, M Vigneshwaran, L Vidyarani	Separation Axioms of $ab^*g\alpha$ Closed Sets in Topological Spaces	Indian Journal Of Science And Technology	2024, 1	1028-1035		Web of Science
24.	A. G Rose Venish1, L. Vidyarani M. Vigneshwaran	Intuitionistic Fine Space	Commun.Fac.Sci.Uni v.Ank.Ser. A1 Math. Stat.	2024, Volume 73	410–419		Web of Science
25.	R.Pavitra and D.Vijayalakshmi	On Grundy Chromatic Number For Splitting Graph On Different Graphs	International Journal of Open Problems .Compt. Math	Vol 17, N01 March 2024	57-68		Google Scholar
26.	Samy A Harisa, Nashat Faried, V Vijayaraj, C Ravichandran, Ahmed Morsy	<u>Investigation on integro-differential equations with fractional boundary conditions by Atangana-Baleanu-Caputo derivative</u>	Plos one	2024, 19	e0301338	3.7	Scopus, SCIE
27.	Arunachalam Selvam, Sriramulu Sabarinathan, Kottakkaran Sooppy Nisar, Chokkalingam Ravichandran, Beri Venkatachalapathy Senthil Kumar	<u>Results on Ulam-type stability of linear differential equation with integral transform</u>	Mathematical Methods in the Applied Sciences	2024, 47	2311-2323	2.1	Scopus
28.	K Munusamy, C Ravichandran, Kottakkaran Sooppy Nisar, Shankar Rao Munjam	<u>Investigation on continuous dependence and regularity solutions of functional integrodifferential equations</u>	Results in Control and Optimization	2024, 14	100376	-	Scopus
29.	V Vijayakumar, Chokkalingam Ravichandran, Kottakkaran Sooppy Nisar, Kishor D Kucche	<u>New discussion on approximate controllability results for fractional Sobolev type Volterra-Fredholm integro-differential systems of order $1 < r < 2$</u>	Numerical Methods for Partial Differential Equations	2024, 40	e22772	-	Scopus

30.	Kottakkaran Sooppy Nisar, K Jothimani, C Ravichandran	<u>Optimal and total controllability approach of non-instantaneous Hilfer fractional derivative with integral boundary condition</u>	Plos one	2024, 19	e0297478	3.7	Scopus, SCIE
31.	Kottakkaran S Nisar, Veliappan Vijayaraj, Shyni U Kumaran, Chokkalingam Ravichandran, Poh Soon JosephNg, M Abdel-Aty	<u>Existence Results on Mittag-Leffler Kernel of Fractional Integro-Differential Inclusion Problem Under Boundary Conditions</u>	Progress in Fractional Differentiation and Applications	2024, 10	149-160	-	Scopus
32.	Ahmed Morsy, C Anusha, Kottakkaran Sooppy Nisar, C Ravichandran	<u>Results on generalized neutral fractional impulsive dynamic equation over time scales using nonlocal initial condition</u>	AIMS Mathematics	2024, 9	8292-8310	1.8	Scopus, SCIE, Web of Science
33.	Kottakkaran Sooppy Nisar K. Kaliraj, U.Aswini, C. Ravichandran, K. Logeswari	<u>An investigation of Fractional Mixed Functional Integro-Differential Equations with Impulsive Conditions</u>	Discontinuity, Nonlinearity, and Complexity	2024, 13	189-202	-	Scopus
34.	Kottakkaran Sooppy Nisar, C Anusha, C Ravichandran	<u>A non-linear fractional neutral dynamic equations: existence and stability results on time scales</u>	AIMS Mathematics	2024, 9	1911-25	1.8	Scopus, SCIE, Web of Science
35.	V Vijayaraj, C Ravichandran, Kottakkaran Sooppy Nisar, N Valliammal, K Logeswari, Wedad Albalawi, A Abdel-Aty	<u>An outlook on the controllability of non-instantaneous impulsive neutral fractional nonlocal systems via Atangana–Baleanu–Caputo derivative</u>	Arab Journal of Basic and Applied Sciences	2023, 30	440-541	-	Scopus
36.	Kottakkaran Sooppy Nisar, R Jagatheeshwari, C	<u>An effective analytical method for fractional Brusselator reaction–diffusion system</u>	Mathematical Methods in the Applied Sciences	2023, 46	18749-18758	2.1	Scopus

	Ravichandran, P Veerasha						
37.	K Jothimani, N Valliammal, S Alsaeed, Kottakkaran S Nisar, C Ravichandran	<u>Controllability results of Hilfer fractional derivative through integral contractors</u>	Qualitative Theory of Dynamical Systems	2023, 22	137	1.9	Scopus, SCIE
38.	Kottakkaran Sooppy Nisar, R Jagatheeshwari, C Ravichandran, P Veerasha	<u>High performance computational method for fractional model of solid tumour invasion</u>	Ain Shams Engineering Journal	2023, 14	102226	6.0	SCIE
39.	SPR Priyalatha, R Sowndariya, S Saleh, J Al-Mufarrij	<u>Binary multiset topological spaces: A new structure</u>	Mathematical Sciences Letters An International Journal	2023,12	75-83	-	Google Scholar
40.	SPR Priyalatha, S.Vanitha	<u>On NS s (I) Semi Open Sets</u>	Ratio Mathematica	2023,50	9-19	-	UGC Care list, Google Scholar
41.	IH Agustin, A I Feno, K Abirami, M Venkatachalam, Dafik, N Mohanapriya	On r-dynamic Coloring of Ladder Graph and Tadpole Graph Using m -shadow Operation	Contemporary Mathematics	Volume 5 Issue 1 (2024) 5 (1)	827-843	-	Scopus+ Web of Science
42.	Irin Feno A., Venkatachalam M., Rathour L., CANGÜL İ. N., Abirami K.	On r-dynamic k-coloring of ladder graph families	Discrete Mathematics, Algorithms and Applications	2024	-	-	Scopus Web of Science
43.	R M Falcón, M Venkatachalam, S J Margaret	Solving the -coloring problem for subdivision-edge neighborhood coronas	Discrete Mathematics, Algorithms and Applications	16 (02), 2024	2350009	-	Scopus Web of Science

44.	Dafik, K. Rajalakshmi, M. Venkatachalam, S. Lavanya, I. H. Agustin	-	Proceedings of the Jangjeon Mathematical Society	27 Issue 1 2024	17-28	-	Scopus
45.	K Kalaiselvi, N Mohanapriya, V Aparna	r-Dynamic chromatic number of subdivision-edge neighborhood corona of certain graph families	Discrete Mathematics, Algorithms and Applications	Vol.16 Issue 3	2350026	-	Scopus Web of Science

DEPARTMENT OF PHYSICS

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Volume, Year	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Alageshwaramoorthy Krishnaprasanth, Pandian Mannu Seetha Mahalingam, Dhanaprabhu Pattappan, Asokan Kandasami, Yi-Ting Lai, Yoshitake Masuda, Han-Wei Chang, Mei-Yu Chen, Ping-Hung Yeh, Chung-Li Dong	Novel GdTaO ₄ phase for efficient photocatalytic degradation of organic dye under visible light irradiation: An X-ray spectroscopic investigation	Chemosphere	340 (2023)	139834	8.8	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
2.	Krishnaprasanth lageshwaramoorthy, Pandian Mannu, Seetha Mahalingam, Ta Thi Thuy Nga, Han-Wei Chang, Yoshitake Masuda and Chung- Li Dong	Synthesis and characterization of visible- light-driven novel CuTa ₂ O ₆ as a promising practical photocatalyst	Frontiers in chemistry	11(2023)	1197961	5.5	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
3.	MK Komal Poojha, KA Naseer, P Matheswaran, K Marimuthu,	Effect of alkali/alkaline modifiers on Pr ³⁺ ions	Optical Materials	143(2023)	114289	3.9	

	E El Shiekh	doped lead boro-tellurite glasses for lasing material applications					Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
4.	P Vidhya, K Shanmugasundaram, T Govindaraj, T Sasikala, V Balasubramani, N Senthil Kumar	Fabrication of crack-free PbS thin films by Jet nebulizer spray pyrolysis technique for enhancing optoelectronic applications: An effect of Ce ³⁺ doping concentrations	Surfaces and Interfaces	42 (2023)	103292	6.2	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
5.	RO MU Jauhar, V Mohankumar, V Viswanathan, T Kamalesh, Tholkappiyan Ramachandran, Paavai Era	Analyzing the three-dimensional networks of piperazinium hydrogenisophthalate- Insight on the experimental, theoretical, birefringent behavior and nonlinear optical study	Journal of Molecular Structure	1290(2023)	135845	3.8	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
6.	A. Pandiaraj, M.Mohmed Ibrahim	Electrochemical studies on CuBi ₂ O ₄ nanomaterial prepared by hydrothermal technique	International Journal of Current Science	2023	345	8.17	Scopus/Web Science/Indian Citation Index/Google Scholar
7.	Asokan Kandhasami Karthikeyan Kandhasamy, Matheswaran Palanisamy, Shankar Hari, Shradha Suman, Kamatchi Jothiramalingam	Thermally processed phase change behavior on the stoichiometric efficacy of quaternary Se _{77.5-x} Te ₂₀ Sn _{2.5}	Materials Science in Semiconductor Processing	2023	108585	4.1	Scopus/Web Science/Indian Citation Index/Google Scholar

	Sankaran, Pandiyarasan Veluswamy, Gokul Bangaru	Agx (X = 2.5, 5, 7.5) thin films					
8.	A. Ram Kumar , S. Selvaraj , P. Rajkumar, J. Dhanalakshmi, Mohanraj Kumar Senthil Kumar Nagarajan, P. Jayaprakash G.P. Sheeja Mol, Shikha Awasthi, Sarvesh Kumar Pandey	Insights into structural, vibrational, and chemical shift characteristics, solvents impact (polar and nonpolar) on electronic properties and reactive sites, ADMET predictions, and ligand-protein interactions for antiviral drugs safole and isosafole: <i>in-silico</i> approach	Chemical Physics Impact	2023	100443	3.8	Scopus/Web Science/Indian Citation Index/Google Scholar
9.	V. Mohankumar, S. Sadhasivam, T.H. Oh, G. Annadurai	Π spacer effect in benzimidazole- quinoline donor Configuration to explore visible photon absorption for Dye-sensitized solar cells	Materials Letters	2024	135955	3.0	Scopus/Web Science/Indian Citation Index/Google Scholar

DEPARTMENT OF TAMIL (AIDED)

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Dr. R. Manimegalai	சுந்தரரின் திருப்புகலூர் திருப்பதிகம்	Kavimugi International Journal of Tamil Research is a Peer reviewed Printed Journal	07.07.2023	26-28	-	ISSN 2950-6611

2.	Dr. M. Rukmani	திருக்குறள் காட்டும் பௌத்த சமயக் கோட்பாடுகள் – ஓர் பார்வை	Kavimugi International Journal of Tamil Research is a Peer reviewed Printed Journal	07.07.2023	225-228	-	ISSN 2950- 6611
3.	Dr. S. Sathishkumar	பெருமழைப்பூவார் பொ.வே. சோமசுந்தரனாரின் அகநானூற்று உரைத்திறன்	Kavimugi International Journal of Tamil Research is a Peer reviewed Printed Journal	07.07.2023	201-203	-	ISSN 2950- 6611
4.	Dr. R. Manimegalai	மலைவாழ் மக்களில் படுகரினப் பெண்கள்	Shanlax International Journal of Arts, Science and Humanities a Peer reviewed scholarly Quarterly Journal	August 2023	23-26		P - ISSN 2321- 788X E – ISSN 2582 - 0397
5.	Dr. R. Manimegalai	கண்ணன் என் காதலனின் பெருந்திணை மெய்ப்பாட்டு அழகியல்	Kavimugi International Journal of Tamil Research is a Peer reviewed Printed Journal	05.10.2023	259-263		ISSN 2950- 6611
6.	Dr. S. Sathishkumar	மூவர் தேவாரத்தில் செய்யுள் அழகியல்	Kavimugi International Journal of Tamil Research is a Peer reviewed Printed Journal	05.10.2023	252-254		ISSN 2950- 6611
7.	Dr. M. Rukmani	சூழலியல் நோக்கில் குறுந்தொகையில் நீர்வளமேம்பாடு	இந்திய இலக்கிய ஆய்வுகளுக்கான பன்னாட்டு ஆய்விதழ்	2024	141-147	-	-

DEPARTMENT OF ZOOLOGY

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/ Web Science/ Indian Citation Index/ Google Scholar
1.	Dr. Venkitachalam Ramasamy, Shanmugam Senthilnathan, Vijayakumar Dr. Chikkannan,Iaiya Bharathi Venkidusamy and Dr. Suryaprahasan Raja	The Availability of the Vultures toxic Non-steroidal antiinflammatory Drugs in the proposed Vulture Safe Zone of Moyar Valley in Tamil Nadu state of India	Ecosystem Environment and Conservation	2023	S368-S372	5.41	SCOPUS
2.	M.Ganesh babu, J.Shiva Priya, G.Murali Manoj, N. Prasanna Naga Puneeth, Dr.C.Shobana, H.Shankar, R.Kalaiselvan	Photocatalytic degradation of fluoroquinolone antibiotics using chitosan biopolymer functionalized copper oxide nanoparticles prepared by facile sonochemical method	International Journal of Biological Macromolecules	2023	2023, 253	127027	8.2

3.	Dr. P. Kathireswari, P., Haritha, M. Joseph, R. Karmegam, N. Dr.Saminathan, K.	Toxic Effect of <i>Lawsonia inermis</i> Leaf Litter on Growth and Reproduction of Earthworm <i>Eudrilus eugeniae</i>	Journal of Soil Science and Plant Nutrition	Published: July 14, 2023	4532- 4542	3.9	SCI, Scopus, Google Scholar (International) SPRINGER NATURE.
4.	Jijo George., Dr. Kathireswari Palanisamy, Dr.Saminathan Kulandaivel., Ms.Preethee Saravanan., Ms.Deepthi , Ms.Madathil Peedika., Mr.Kandeeban Mr.Manoj Kumar Kaliyannan.	Impact of Cerium Oxide Nanoparticles on Survivability and Reproduction of	Bio Nano Science Journal	Published: August 26, 2023.	1911- 1921	3.0	SCI, Scopus, Google Scholar (International) SPRINGER NATURE.
5.	Manikandan Anusha., Saravanan Preethee., Kulandaivel Saminathan., Palanisamy Kathireswari*, Sundaramoorthy Arunmetha.	Vermidegradation of different dietary supplements mediated on the reproduction and metabolic profile of earthworm <i>Eudrilus eugeniae</i> .	Notulae Scientia Biologicae	Published: Dec 16, 2023, Volume 15, Issue 4, Article number 11638.	11638	0.73	Scopus List (International)

6.	Kathireswari, P.	Vermi-Acceleration on the Degradation of Cigarette Butts and <i>Nicotiana tabacum</i> Using Earthworm Abstracted	Water Air Soil Pollution	2023, Volume 234, Issue 7, Article No. 479. https://doi.org/10.1007/s11270-023-06470-x .		Impact factor-2.9	indexed in-SCImago, SCOPUS, Science Citation Index Expanded (SCIE), UGC- CARE List (India). SPRINGER NATURE.
7.	Kathireswari, P.	Toxic Effect of <i>Lawsonia inermis</i> Leaf Litter on Growth and Reproduction of Earthworm <i>Eudrilus eugeniae</i>	Journal of Soil Science and Plant Nutrition.	(2023). https://doi.org/10.1007/s42729-023-01369-2		Impact factor-3.9	Indexed in-SCImago, SCOPUS, Science Citation Index Expanded (SCIE), UGC- CARE List (India). SPRINGER NATURE
8.	Kathireswari, P.	Impact of Cerium Oxide Nanoparticles on Survivability and Reproduction of earthworm <i>Eudrilus eugeniae</i> and its Compost Quality.,	BioNanoScience Journal	2023), 1-11. https://doi.org/10.1007/s12668-023-01173-3		Impact factor-3.0	Indexed in-SCImago, SCOPUS, Science Citation Index Expanded (SCIE), UGC- CARE List (India). SPRINGER NATURE

9.	Kathireswari, P.	Verm degradation of different dietary supplements mediated on the reproduction and metabolic profile of earthworm <i>Eudrilus eugeniae</i> .	Notulae Scientia Biologicae.	(2023), Volume 15, Issue 4, Article number 11638. DOI: 10.15835/nsb15411638	-	Impact Factor-0.73,	indexed in-SCOPUS list
10.	Dr.S.Raja	Effects of Tribulus terrestris and Basella alba Extract on Sex Reversal on Poecilia reticulata	Uttar Pradesh J. Zool., , 2024.	vol. 45, no. 5,	pp. 34-40	-	WOS
11.	Dr.S.Raja	Effects of Different Water Treatments on the Growth, and Health of Ornamental Fishes Raised under the Water Conditions.	Uttar Pradesh J. Zool.,	vol. 45, no. 13,	pp. 211-225.	-	Web Science
12.	Vinisha Kartheesan, Mohammed Rafi L, Anju Alagiri, and, Velayutham Meiyalagan	A pilot study on the isolation and identification of Histamine- producing bacteria from Narrow Barred Spanish Mackerel and Japanese threadfin bream from Ukkadam Fish Market, Coimbatore, India	International Journal of Zoology and Applied Biosciences	2023,8 (6)	96-105	-----	Google Scholar
13.	Dr. K.Velmurugan	Survey on species distribution of moths (Insect: Lepidoptera) in	International Journal of	2023 Volume ;8	66-72	-----	Google Scholar

		Chemancheri panchayath Calicut, Kerala, India	Entomology Research				
14.	Dr.C.Shobana	Photocatalytic degradation of fluoroquinolone antibiotics using chitosan biopolymer functionalized copper oxide nanoparticles prepared by facile sonochemical method	International Journal of Biological Macromolecule s	2023,253	127027	8.2	Scopus
15.	Sivaranjani S, Kannan K , Kumar R, Madhuri K, Divya D & Kannapiran E	Meticulous Taxonomic Evidence and Molecular Confirmation of <i>Sphyraena forsteri</i> Cuvier, 1829 (Carangiformes: Sphyraenidae) from the Southeast coast of India	Thalassas: An International Journal of Marine Sciences	2024	https://doi.org/10.1007/s41208-024-00692-4	0.800	SCOPUS Science Citation Index Expanded (SCIE)
16.	Kannan K. Kumar R Mariasingarayan Y. Kumarasamy C. P Kannapiran E	First Record of Redfin Emperor <i>Monotaxis</i> <i>heterodon</i> (Lethrinidae) from Indian Waters with Molecular Confirmation	Journal of Ichthyology	2024 (64)	202-208	0.900	SCOPUS Science Citation Index Expanded (SCIE)

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
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1.	Pavithra R	The Power of Artificial Intelligence and Technologies in Financial Institutions in India	International Journal of Multidisciplinary Research and Technology	Volume 4 Issue 8, August 20,2023	29	6.325	Google Scholar
2.	Dr.S.Gomathi	Predicting Credit Worthiness in Bank Loan Approval Process	International Journal of Engineering Applied Sciences and Technology	Volume 8, Issues 07, Nov 2023	46-50	4.98	Google Scholar
3.	Dr.S.Gomathi	Credit Card Fraud Detection with Machine Learning Algorithms	International Journal of Research and Analytical Reviews	Volume 10, Issue 4, Nov 2023	818-824	7.17	Google Scholar
4.	Dr.S.Gomathi	Enhanced Accuracy in Thyroid disease classification: A Comprehensive Analysis of Random Forest and Decision tree methods.	Journal of Propulsion Technology	Volume 44	6124-6130	1.069	Scopus

DEPARTMENT OF INFORMATION TECHNOLOGY

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Dr. K. Dhanalakshmi	Residual Recurrent Neural Network (R2N2) and Intelligent Resource Optimization	International Journal of Intelligent Systems and	Dec 2023	160-172	1.27	Scopus Indexed

		based Dynamic Scheduling for Edge-Cloud Computing Environments	Applications in Systems	Vol. 12 No. 8s (2024)			
2.	Dr. K. Dhanalakshmi	Review of Task Offloading and Dynamic Scheduling Methods in Edge-Cloud Computing	International Journal of Advances in Engineering and Emerging Technology	Feb 2024 Vol. 15 No. 1 (2024)	-	-	Survey
3.	Dr. K. Dhanalakshmi	Adaptive Threshold Fuzzy C-Means (ATFCM) VM Migration and Resource Optimization based Dynamic Scheduling for Edge-Cloud Computing Environments	Journal of Autonomous Intelligence	May 2024 Volume 7 Issue 5 (2024)	1-17	0.60	-
4.	Dr. K. Dhanalakshmi	Clustering based VM migration and Bidirectional Recurrent Neural Network (BIRNN) for Edge-Cloud Computing Environments	The International Journal of Interdisciplinary Organizational Studies	Volume: 19 Issue-01 (January-June) 2024	921-946	0.64	Scopus
5.	Dr. K. Dhanalakshmi	A Robust Feature Selection And Hybrid DI (Deep Learning) Model For The Recognition Of Agricultural Pests In Cc	The International Journal of Interdisciplinary Organizational Studies	Volume: 19 Issue-01 (January-June) 2024	966-984	-	Scopus

		(Cloud Computing) System					
6.	Mrs.N.Deepa	Function as a Service (Faas) Cloud Computing Model For Event Driven Applications –An Overview	International Journal of Current Engineering and Scientific Research (IJCESR)	2-Feb-2024, VOLUME-11	31-35	1.43	Scholar
7	Dr. N. Alamelu mangai	Shadow Dom Attacks And Prevention Methods – A Review	International Journal of Current Engineering and Scientific Research	Feb 2024	15..18	0.43	Google Scholar, Thomson Reuters, Sci Index
8	Aswini.S	Swarm Intelligence Approaches for Score Level Fusion in Multimodal Biometric Authentication in Airport Security System	Scopus	Vol. 44 No. 6 (2023)	44	-	Scopus

DEPARTMENT OF COMMERCE WITH INFORMATION TECHNOLOGY

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
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1.	Dr. B Divya Priya	Driving Factors and Challenges faced by Women In Micro Informal Entrepreneurship	Journal of Research Administration	5 (2) 2023	6339 – 6348	-	Scopus
2.	Dr. K Sudha and Mrs. M Princess Monica Victoria	A Study on the Challenges faced by the Start-up Ventures in Coimbatore	Journal Of Research And Development	15 2023	136	7.265	UGC CARE
3.	Dr. B Divya Priya	Awareness and Utilization of Digital Financial Products among Rural Women in Coimbatore	Humanities and Social Science Studies	12, 2 (8) 2023	8-14	-	UGC CARE
4.	Dr. B Divya Priya	Athithi Devo Bava	Journal of The K.R Cama Oriental Institute	Vol 78 2024	49	-	UGC CARE
5.	Dr. B Divya Priya	Tourist Perception Towards Quality Of Cab Services In The Nilgiris District	Journal of the K.R Cama oriental institute	Vol 78 2024	185	-	UGC CARE
6.	Dr. B Divya Priya	Driving Factors And Challenges Faced By Women In Micro Informal Entrepreneurship	Journal of Research Administration	Vol 5, 2023	6339	-	UGC CARE
7.	Dr. B Divya Priya	Aawareness And Utilization Of Digital Financial Products Among Rural Women In Coimbatore	Humanities and Social Science Studies	Vol 12, 2023	8	-	UGC CARE

8.	Dr. K Sudha	Challenges Of Women Entrepreneurs In Palakkad	International Journal of Cultural studies and Social Science	Vol 20,2024	114	-	UGC CARE
9.	Dr. K Sudha	A Syudy Of Consumer Satisfaction Towards Fmcg Products	Humanities and Social Science Studies	Vol 13 2024	101	-	UGC CARE
10	Dr. K Sudha	A Study On The Challenges Faced By The Start Up Ventures In Coimbatore	Journal of Research Development	VOL 15 2023	19	-	UGC CARE
11	Mrs. M Princess Monica Victoria	A Study on The Challenges Faced By The Start Up Ventures In Coimbatore	Journal of Reserch Development	VOL 15 2023	19	-	UGC CARE
12	Dr. K Akila	Impact Of Advertising On Buying Behavior Of Women Consumers Toward FMCG	A Journal of Composition Theory	VOL 14 2023	48	-	UGC CARE
13	Dr. K Akila	Impact of Social Media Advertising On Buying Behaviour Of Consumer With Special Reference To Coimbatore District	Journal Of The Asiatic Society Of Mumbai	VOL. XCVI, NO.23, 202	121	-	UGC CARE

DEPARTMENT OF B.COM. BANKING AND INSURANCE

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
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1.	Dr.R.Maharajothi Priya	A study on consumer awareness on Khadi products in Coimbatore city	International Journal of Research and Analytical Reviews	2023, 10	861-863	-	-
2.	Dr.R.Suresh	A study on Employees awareness and practices on corporate governance with special reference to HDFC bank in Coimbatore District	EPRA International Journal of Multi Disiplinary Research	2023, 9		8.224	-
3.	Dr.R.Maharajothipriya	Atithi Devo Bhava:Assesment of social awareness campaign for good behaviour towards tourists	Journal of the K R Cama Oriental Institute	2024,78	49-64	7.854	UGC CARE
4.	Dr.R.Maharajothipriya	Tourist Perception towards quality of cab services in the Nilgiris District	Journal of the K R Cama Oriental Institute	2024,78	185-197	7.854	UGC CARE

DEPARTMENT OF BBACA

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Dr. Punitha Devi	Recent Rise in Corporate Acceptance of Green Products and Conceptual	Third Concept An International Journal of Ideas	February 2024 Volume37	90		

		Issues on Green Marketing					
2.	Mrs.M.Sangeetha	Awareness of Farmers on Micro irrigation System in Coimbatore city	Journal of Emerging Technologies & Innovative Research (JETIR)	May 2024 Volume 11 Issue 5	130	7.95	

DEPARTMENT OF BIOCHEMISTRY (PG)

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Sakthi Palanisamy, Reeves David, Ylimalai Madhav, Vennila Devi Kannan, Venkatesh Rajendran, Shobana Sampath, Mohammad Z. Ahmed, Ali S. Alqahtani, Shadab Kazmi and Perumal Asaithambi	Greenfabrication of silver nanoparticles using leaf extract of tropical vine Momordica charantia: spectral characterization and in vitro cytotoxicity evaluation on human breast cancer cells	Materials Technology	2024	1-15	3.2	Scopus
2.	Vennila Devi Kannan, Abhinav Jaisankar, Venkatesh Rajendran, Mohammad Z. Ahmed, Ali S. Alqahtani, Shadab Kazmi, Elumalai Madav, Shobana Sampath & Perumal Asaithambi	Ecofriendly bio-synthesis and spectral characterization of copper nanoparticles using fruit extract of Pedalium murex L.: in vitro evaluation of antimicrobial, antioxidant and	Materials Technology	2023	1-17	3.2	Scopus

		anticancer activities on human lung cancer A549 cell line					
3.	Jaganathan Anitha, Aathi Muthusankar, Sundram Viswanathan, Palanivel Murugesan, Nallani Chakravarthula Gayathri, Rajendran Selvakumar, Rajendran Selvakumar and Thathan Premkumar	Molecular targeting of prodigiosin against anti-inflammatory genes cyclooxygenase-1 and -2,	Process Biochemistry,	126, March 2023,	260-271.	5.1	Scopus, Web of science
4.	S. Junapudi, S. Yerramsetty, H. Chopra, V. Pangi, V. Pallaval, J. Anitha, B. Chidipi, Y. Mohanta, A. Ghosh, T. Mohanta, A. Al-Harrasi,	Alterations of Cardiac Ion Channels by Venomous Peptides,	Venom, Bentham publishers	1370983.	-	-	Scopus
5.	Dr. P.Gowtham Dr.M.Nithyadevi	Preliminary screening, chartization, and HPTLC pinger printing investigation of alangium salvifolium leaf extract	High technology letter	Volume 29 2023	-	2.7	Scopus
6.	Brij Kishore Tiwari, Dr. Anurag Rawat, Khushboo Shrimali, Dr. Nitya Sharma, Dr. Swathi Gurajala, Dr. S. Monisha	Antiviral drug molecules for HIV related entry or fusion inhibition: computer aided molecular designing (camd), docking Studies and denovo synthesis	European chemical bulletin	12,2023	1451 2-21	3.71	Scopus
7.	Deepa Soundarajan and Usha Raja Nanthini Ayyakkannu, Mother Teresa	In-Vitro Study On Antioxidant, Anti-	Journal of Xidian University	1, 2024	1001-2400	0.7	Scopus

	Women's University, Kodaikanal Shalini Ganeshan and Ramasamy Nirmal Kumar, PSGR Krishnamal College for Women, Coimbatore Gowtham Palanisamy and Monisha Sudhakar	Inflammatory And Anti- Microbial Properties Of Heterodermia Boryi					
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DEPARTMENT OF BCOM A&F

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Mrs. Suganya D	Fintech Innovation and Adoption In Insurance	Journal of The Oriental Institute	ISSN: 0030-5324, Vol.72, Issue 03, No.13	39-46	UGC Care Approved	-

DEPARTMENT OF B.COM PA

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Dr. P. Geetha	A Study On Quality Of Work Life Of Private Sector Bank Employees In Coimbatore District	Journal of Foundational Research	July – December 2023	252-357	4.78	UGC CARE, 2395-5635 Google Scholar

2.	Dr. M. Revathi Bala	Impact of Payment banks on the digitalization of Rural areas in Coimbatore District	Journal of the K. R. Cama Oriental Institute,	April 2024, Vol. 78	91-98	7.854	Google Scholar
3.	Dr. M. Revathi Bala	A study on amelioration of Transgenders' livelihood in Coimbatore City	Journal of the K. R. Cama Oriental Institute,	April 2024, Vol. 78	148-152	7.854	Google Scholar
4.	Dr. S. Rajam	To study the rural consumers awareness and consumer satisfaction towards FMCG products in Coimbatore city	Journal of Humanities and Social Science Studies	Jan-June. 2024, Vol. XIII, No. 01(19)	150-155	7.28	Google scholar
5.	Dr. P. Geetha	A study on Quality of Work life of Private Sector Bank employees in Coimbatore District	Journal of Foundational Research	July-Dec. 2023, Vol. XXXI, No. 2 (g)	134-139	4.2	Google scholar
6.	Dr. P. Geetha	Wealth management – A perceptual overview among the working women in Coimbatore City	Journal of Humanities and Social Science Studies	July-Dec. 2023, Vol. XII, No. 02 (26)	168-172	7.28	Google scholar
7.	Dr. P. Geetha	Savings and Investment pattern of women employees working in Arts and Science Colleges of Coimbatore City	International Journal of Cultural studies and Social studies	Jan- June 2024, Vol. XX, No. 01 (15)	150-155	7.13	Google scholar
8.	Dr. P. Geetha	Wealth management – A perceptual overview among the working women in Coimbatore City	Journal of Humanities and Social Science Studies	July-Dec. 2023, Vol. XII, No. 02 (26)	168-172	7.28	Google scholar
9.	Dr. P. Geetha	Savings and Investment pattern of women employees working in Arts and Science Colleges of Coimbatore City	International Journal of Cultural studies and Social studies	Jan- June 2024, Vol. XX, No. 01 (15)	150-155	7.13	Google scholar

DEPARTMENT OF COMMERCE (UG) & (PG)

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/ Indian Citation Index/ Google Scholar
1.	Mrs.P.Sudha	Perception of IT employees towards HR practices and policies with reference to Coimbatore city	Journal of the Oriental Institute	2023, Vol.72	97-109	-	-
2.	Mrs.V. Ramya DR.R.Dhanalakshmi	Dynamic Linkage Between Automobile Sector And Macroeconomic Variables	Humanities and social science studies	Vol. 13, Issue 01, No. 06, January - June : 2024	133-137	7.28	-
3.	Dr.K.Myilswamy	A Study on Amelioration Of Transgenders' Livelihood In Coimbatore City	Journal of the K.R. Cama Oriental Institute	Volume No.78 (April) 2024	148 - 159	7.854	UGC CARE LIST
4.	Dr.K.Myilswamy	Impact of Payment Banks On The Digitization Of Rural Areas In Coimbatore District	Journal of the K.R. Cama Oriental Institute	Volume No.78 (April) 2024	65 - 78	7.854	UGC CARE LIST
5.	Dr.S.Amudha .Nikhila K.	Entrepreneurial willingness among college students in Coimbatore district: an empirical study	IPE Journal of Management ::ISSN :2249-9040 with IF =7.138	January-June 2024 Vol-14, No.-10.	-	-	-

6.	Dr.S.Amudha ,M. Dharani priya	A study on investors perception towards personal finance with reference to Coimbatore city	Journal of the oriental institute : ISSN:0030-5324	2023 Vol.:72, ISSUE:03, No.17	-	-	-
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DEPARTMENT OF BIOTECHNOLOGY

S.No.	Name of Author(s) (Faculty Name in Bold)	usdaTitle of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/ Web Science/ Indian Citation Index/G oogle Scholar
1.	R. Sathishkumar, S L Vidya	In silico screening of potential phytocompounds against <i>Staphylococcus aureus</i> and an in-vitro antibacterial evaluation	International journal of Pharmaceutical sciences and research	14, 2023	4128-4141	2.4	Scopus
2.	V. Anantha Bhairavi and R Sathishkumar	In silico and in vitro analysis of potential plant extracts against aspergillosis	International journal of Pharmaceutical sciences and research	14, 2023	4142-4152	2.4	Scopus
3.	S L Vidya and R Sathishkumar	Molecular docking analysis of plant phytocompounds as promising inhibitors against LAS B virulence protein-an in silico and in vitro approach	International journal of Pharmaceutical sciences and research	14, 2023	1000-1014	2.4	Scopus
4.	Arvindganth Rajasekar1, Godavari Amar*2, Sasikala Sekar3, Vijayapriya	Review On Host Range Expansion And Emergence Of Pathogens	Journal of Xidian University	-	-	-	Scopus

	Subramanian3 Priyadharsini Deivasigamani 3 and Manicka Moorthi2						
5.	Amar Godavari1,*, Manicka Moorthi1 and Arvindganth Rajasekar2	Review on Anti-diabetic Research on Two Important Spices: Trachyspermum ammi and Pimpinella anisum	Bio-Intergation	-	-	-	Scopus
6.	Dr B Vishnupriya	Valorization of poultry feathers into keratin protein	Journal of Xidian University	6,2023	18-29	0.2	Scopus
7.	Dr B Vishnupriya	Biogenic synthesis, Characterization of silver nanoparticles and its Biomedical evaluations	Journal of Xidian University	3,2023	27-39	0.2	Scopus
8.	Dr B Vishnupriya	Preparation of Bioplastic film for Pineapple stem starch reinforced with natural plasticizer	YMER	12&2023	112- 123	0.1	Scopus
9.	Dr B Vishnupriya	Preparation of Bioplastic Films from Pinappale Stem Starch reinforced with natural plasticizer Synthesis and Characterization of Keratin Nanoparticles from Chicken Feathers and its Application in Thin Film Production Extraction and Characterization of Starch from Pineapple Stem: A Sustainable Approach	YMER Journal of the K.R. Cama Oriental Institute	2023, 22 2024,78 2024,6	2091- 97 112- 128 6384- 95	1.08	Scopus UGC Care list I Scopus

DEPARTMENT OF COSTUME DESIGN AND FASHION

S.NO	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Dr.S.Divya	Extraction and Characterization of Novel Ligno-cellulosic Fiber from Wrightia tinctoria and Cebia pentandra Plant for Textile and Polymer Composite Applications	Pertanika Journal	2023, 31	125-138	0.861	Indexed in Scopus,Web Science,Google Scholar
2.	Dr.S.Divya	Application of Smart Textiles	International Journal of Science and Research (IJSR)	202, 12	1583-1585	7.942	Google Scholar
3.	Ms. P. V. Asmitha	The Impact of Plastic pollution on marine Life	Journal of Foundational Research	2024, XXXII No.1(III)	40	-	Google Scholar

DEPARTMENT OF CLINICAL NUTRITION

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Dr.M.Pushpa Devi,1 st & Mr. N.Harinee 2 nd	Nutritional Significance and Utilization of Millet grains in the preparation of value-added products- A Review."	International Journal of Novel Research and Development	Volume 9,	Issue 1 January 2024	ISSN: 2456-4184	Google Scholar

DEPARTMENT OF BCA

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Dr.K.Sumangala	Energy-Aware Consistent Link-Based Fuzzy Routing Protocol in FANET	Journal of Data Acquisition and Processing	2023,38	1142-1166	0.444	Scopus
2.	Dr.G. Dona Rashmi	Improved Clustering and Elliptical Curve Cryptography Based Energy Efficient Routing in WSN for Enhanced Agriculture	Indian Journal of Natural Sciences	2023		2.452	Web of Science
3.	Dr.G. Dona Rashmi	Title Generation Using Lstm With Beam Search For Enhancing The Contextually Relevant Headlines	Journal of Namibian Studies	2023	2625-2642	0.118	Scopus

DEPARTMENT OF COMPUTER TECHNOLOGY

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Dr.A.Indumathi	Machine Learning based Lung Cancer Detection & Analysis	IEEE Xplore	07 July 2023	361 - 365	14.91	Scopus

DEPARTMENT OF COMPUTER SCIENCE (UA)

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Dr.R.Saravanamoorthy	Computer Vision based Plant Disease Detection using Machine Learning Technique	International Journal of Emerging Trends in Engineering Research	Volume 11. No.7, July 2023	240-244	-	Scopus Indexed
2.	Mr.P.Kaliraj	Intrusion Detection using Improved Drosophila Optimization based Weighted Extreme Learning Machine	Journal of Harbin Engineering University	Vol.44., No.7, July 2023	2189- 2197	-	Scopus Indexed
3.	Mrs.A.Immaculate	Energy-Efficient Grasshopper Optimization Algorithm (EEGOA) Based Cluster Head Election for WSNs	Journal of Propulsion Technology	Vol. 44 No. 4 (2023)	5262- 5271	0.358	Scopus
4.	Mrs.A.Immaculate	A Movie Recommendation System Employing Machine Learning Techniques	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	Volume 12, Issue 8, August 2023	10787- 10795	8.4	Google Scholar
5.	Dr.S.Velmurugan	Radial search for accelerating block	Kongunadu Research Journal	10 (1): 16- 21, 2023	16-21	-	--

		matching to detect copy-move forgery in digital photographs					
6.	Mrs.S.Vanjimalar	A Movie Recommendation System Employing Machine Learning Techniques	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	Volume 12, Issue 8, August 2023	10787-10795	8.4	Google Scholar
7.	Dr.A.Nithya	Energy-Efficient Grasshopper Optimization Algorithm (EEGOA) Based Cluster Head Election for WSNs	Journal of Propulsion Technology	Vol. 44 No. 4 (2023)	5262-5271	0.358	Scopus
8.	Dr.A.Nithya, Mrs.N.Paviasre	Blockchain to secure Iot and its applications: a review	International Journal for Science and Advance Research in Technology	Volume 9, Issue 9 in September 2023	196-201	7.883	Google Scholar
9.	Dr.A.Nithya	Secure Routing using Multi-Objective Particle Swallow Swarm Optimization for Wireless Sensor Networks	International Journal of Scientific Development and Research	September 2023 IJSDR Volume 8 Issue 9	49-53	4.396	Google Scholar

DEPARTMENT OF COMPUTER SCIENCE WITH DATA ANALYTICS

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation
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							Index/Google Scholar
1.	Kathirvelkumaran Loganathan ; Vivek Prabu Manoharan; Madhan Shankar Shankar Ramakrishnan	Effective usage of gadgets for online education by students during Covid19 outbreak 1st and 2nd waves comparative analysis using statistical tools	AIP Conference Proceedings (May 2023)	Volume 2718, Issue 1	050011-8	0.41	https://www.scopus.com/sourceid/26916
2.	Mrs.B.Praveena	A Survey of Different Methods for Zero-Day Attack Detection in IoT Edge Devices	Naturalista Campano	2024, Volume 28, Issue 1	697	-	Web Science
3.	Dr.L.Kathirvelkumaran, Mrs.P.Sumitha, Mrs.R.Vanitha	Prediction of Video Defect Rate Analysis Tools using Object Quality Metrics	International Journal of Intelligent System and Applications in Engineering	2024, Volume 12, Issue 21	2606 - 2610	-	Indexed in Scopus
4.	Mrs. Tintu George Dr. K. Sumangala Dr. L. Kathirvelkumaran	Heart Disease Prediction Using Machine Learning Techniques	Journal of the K.R. Cama Oriental Institute	Volume No.78 (April) 2024	155-167	-	UGC Care Group 1 Journal
5.	Dr. K. Sumangala Dr. L. Kathirvelkumaran S. Aravind Sundaram & C. Chandrasekar	Tomato Leaf Disease Detection Using Deep Learning With The Assistance Of A Bot	Journal of the K.R. Cama Oriental Institute	Volume No.78 (April) 2024	103-111	-	UGC Care Group 1 Journal

DEPARTMENT OF ENGLISH (PG)

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
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1.	DR. S.P. Sasirekha	Gender equality and woman struggle for identity in Preeti Shenoya's The Rule Breakers	Juni Khyat	June, 2023 Vol-13	04	6.625	UGC CARE I
2.	Dr.P.Rajeswari	The Value of Human Relationships in Thomas Hardy's The Mayor of Castetbride	Solovyov Studies ISPU	2024 Volume 72	Nil	Nil	Indian Citation Index
3.	Dr. Athisayaraj Jebakumar J	Silenced Voices: Feminine Repression In Jane Austen's World	Bharatiya Shiksha Shodh Patrika	2024,43	33-34	7.28	UGC Care Journal
4.	Dr.S.P.Sasi Rekha	Unveiling the plight of Refugee Crisis in Khaled Hosseini's Sea Prayer	Solovyov Studies ISSN:2076-9210 (UGC care Group – 2)-	-	-	-	-
5.	Mr.C.Sakthi vel	Healing and resilience in Tonu Morrison's Sula	Multidisciplinary Approach in Research Area	2024, volume 4	19-20	nil	
6.	Dr.S.P.Sasi Rekha	Unveiling the plight of Refugee Crisis in Khaled Hosseini's Sea Prayer	Unveiling the plight of Refugee Crisis in Khaled Hosseini's Sea Prayer	volume 72,Issue 4, 2024	112	4.7	Scopus
7.	Mr.B.Damodhara Prasath	Dystopian Roman - Fleuve;Inclination Of Emotion And Identify In Priyanka Chabria's Clone	Solovyov Studies ISPU ISSN:2076-9210 (UGC care Group – 2)	volume 72,Issue 4, 2024	176-183		SCOPUS & UGC CARE

DEPARTMENT OF CHEMISTRY (PG)

S.No	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1	Dr. K. Kalpanadevi	Effect of doping Ag and Ni on the structure of zinc oxide and investigation of the photoluminescence activity of Ag, Ni-doped zinc oxide nanoparticles	High Technology Letters	Volume 29, Issue 6, 2023.	18-31	2.7	Scopus
2	Dr. A. Pushpaveni	Structural and Multi-functional properties of isoelectronic guanyl hydrazinium picolinic derivatives exhibit centric and non-centric space group	Journal of Solid State chemistry	Volume 325, 2023,	124158	3.54	Web of science
3	M. Hemalatha, S. Sivagami, K. Kalpanadevi	Facile synthesis of ultrafine CeO ₂ nanoparticles by the thermal treatment of [Ce(DNPH) ₂ (HSA) ₂]	Journal of University of Shanghai for Science and Technology	Volume 26, Issue 02, 2024.	26-33	0.4	Scopus
4	V. Gifty, V. Bena Jothy, Vadivelan Ganesan	Spectroscopic clarifications, topological insights, Hirshfeld interactions, and quantum chemical computational analysis of antibacterial agent benzimidazolium picrate	Journal of Molecular Structure	2024,1310	138249	4.0	Scopus
5	C. Sakthivel, A. Nivetha, G. Thiruppathi, P. Sundararaj, C. Senthamil, J. Hemalatha	Multiprocessing Substrates Enhanced Ta ₂ O ₅ /NiCo ₂ O ₄ Spinel Nanocomposites for Effective Electro-/Photocatalytic and Toxicological Effects via the <i>Caenorhabditis elegans</i> Model	Langmuir	2024, 40	6077-6093	3.7	Web of Science

	I. Prabha						
6	M. Sundar, G. Rajagopal, A. Nivetha, S. Prabhu Kumar, S.Muthukumar	Phyto-Mediated Green Synthesis of Silver Nanoparticles Using an Aqueous Leaf Extract of Momordica cymbalaria : Antioxidant, Cytotoxic, Antibacterial, and Photocatalytic Properties	Separations	2024, 11	61	2.5	Web of Science

DEPARTMENT OF TAMIL (UA)

S. No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Dr. P.Prabhuram	ஞானம் என்பது பசியகற்றல்	சர்வதேச தமிழ் ஆய்விழ்	10.3425 Irjt22116	-	-
2.	Dr. M.Radha	பன்முக நோக்கில் இலக்கியங்கள் ISSN-2950-66117.7.2023	கவிமுகி &1	2023 07.07.2023	-	www.kavimugi.com
3.	Dr. M.Radha	தமிழ் இலக்கியங்களில் பெண்கள் ISSN-2582-1113	சர்வதேசத்தமிழ் ஆய்விதழ்	2023 9.10.2023& 10.10.2023	-	-
4.	Dr.P.Umamageswari	பாரதியும் முடிவுறாத சந்திரிகையும்	புதிய அவையம்	JUNE 2023 2456 -821X	1085- 1089	www.Pudhuavaya m.com
5.	Dr.P.Umamageswari	அருப்புக்கோட்டை வட்டார ரெட்டியார் இனக்குழுவின் விவசாய தொழில் சார்ந்த நடைமுறைகள்	புதுப்புனல்	OCT 2023 2278 - 1641	295- 296	www.Pudhuppunal. com
6.	Dr.P.Umamageswari		கவிமுகி	OCT -05.10.23 2950 - 6611	274- 277	www.kavimugi.com

7.	Mrs. P.Padmini	உளவியல் பார்வையில் கைரதிகள்	SHANLAX INTERNATIONAL JOURNAL	ஆகஸ்ட் 2023 Vol 11 Special Issue 1 P-ISSN-2321- 788X E ISSN : 2582- 0397	-	-
8.	Mrs. P.Padmini	ECONOMIC , SOCIAL AND POLITICAL VULNERABILITY OF TRANSGENDER	RIGHTS OF TRANSGENDER PEOPLE	NOVEMBER 23 VOL-13, ISSUE -11, NO.1	96-98	-
9.	Mrs. P.Padmini	கொற்றவை புதினத்தில் திருநங்கையரின் வாழ்வியல் நெறிகள்	இன்றைய உலகம் எங்கே போகிறது?	ISSN-2278- 1641 மலர் 14, இதழ் -8	217- 219	-
10.	Dr.A.Rajalakshmi	சிறந்த உரையாசிரியர்களின் மேற்கோள் ஆட்சி அமைப்பு முறை	SHANLAX INTERNATIONAL JOURNAL	செப்டம்பர் 2023 (special issue 1) P-ISSN-2321- 3993	16-19	-
11.	Dr.A.Rajalakshmi	உளவியல் பார்வையில் புரட்சிக்கவி	கவிமுகி பன்னாட்டுத் தமிழ் ஆய்விதழ்	5.10.2023 மலர் 2 சிறப்பிதழ் 4 ISSN 2950- 6611	125- 128	-
12.	Dr.A.Rajalakshmi	மானிடவியல் நோக்கில் அகநானூற்றின் குறிஞ்சி	சாராள் தக்கர் கல்லூரி மற்றும் சான்லாக்ஸ் பன்னாட்டு ஆய்விதழ்	அக்டோபர் 2023 VOL.11/ SPECIAL ISSUE 1/OCTOBER 2023	37-41	-

				P-ISSN:2321-788X / E-ISSN: 2582-0397		
13.	Dr.A.Rajalakshmi	ரிக் வேதம் – ஓர் விளக்கம்	முதுகலைத் தமிழாய்வுத்துறை மற்றும் சர்வதேச தமிழ் ஆய்விதழ்	21.10.2023 E-ISSN:2582-1113	352-358	-
14.	Dr.A.Rajalakshmi	அகத்திணையில் தோழி கூற்றுகளின் வாயிலாக தோழியின் ஒழுகலாறுகள்	அதியமான் மகளிர் கலை அறிவியல் கல்லூரி மற்றும் முதுகலைத் தமிழ்த்துறை மற்றும் சர்வதேச தமிழ் ஆய்விதழ்	09.10.2023-10.10.2023 E-ISSN: 2582-1118	125-131	-
15.	Dr.A.Rajalakshmi	அகநானூற்றில் தோழி கூற்று – ஓர் உளவியல் பார்வை	அரண் பன்னாட்டு ஆய்விதழ்	அக்டோபர் 2023 Vol 5 Issue 20 ISSN : 2582-399X	8-21	-
16.	Dr.A.Rajalakshmi	சங்கப்பாடல்கள் சுட்டும் இயற்கையியல்	கவிமுகி பன்னாட்டுத் தமிழ் ஆய்விதழ்	30.10.2023 ISSN: 2950-6611	-	-
17.	Dr.A.Rajalakshmi	வேதங்களில் மகளிர் நிலை	SHANLAX INTERNATIONAL JOURNAL	ஆகஸ்ட் 2023 Vol 11 Special Issue 1 P-ISSN-2321-788X E ISSN : 2582-0397	128-130	-
18.	Dr.A.Rajalakshmi	அகத்திணை நூல்கள் கூறும் தலைவியின் வருத்தம்	SHANLAX INTERNATIONAL JOURNAL	ஜூலை 2023 Vol 11 Special Issue 2 P-ISSN-2321-788X E ISSN : 2582-0397	136-142	-

19.	Dr.A.Rajalakshmi	அக இலக்கியத்தில் சிறந்த மருத்துவர் தோழி	புதிய அவையம்	18.12.2023 ISSN:2456 – 821X Vol 7 Issue 3	149- 153	-
20.	Dr.A.Rajalakshmi	Life Problems of Immigrants	Journal of the Asiatic Society of Mumbai	Sep 2023 UGC Care Group 1 Journal ISSN:0972- 0766 Vol : XCIX No:1	66-70	-
21.	Dr C.Padmini	சிலப்பதிகாரத்தில் பெண் நிலைப்பாடு	Shanlax International Journal, Holycross Arts & Science College,Thoothukkudi	ஆகஸ்ட் 2023 SHANLAX JOURNAL ISSN: 2321- 788X E-ISSN 2582- 0397	101 - 104	www.shanlaxjourn als.com
22.	Dr S.Anitha Sophia Margaret	இலக்கியங்கள் காட்டும் பெண் நிலைப்பாடு – “திருக்குறள் காட்டும் மகளிர் வாழ்வியல்”	SHANLAX JOURNAL	ஆகஸ்ட் 2023 18.08.2023 ISSN: 2321- 788X E-ISSN 2582- 0397	36-40	www.shanlaxjourn als.com
23.	Dr S.Anitha Sophia Margaret	அகநானூறு காட்டும் மகளிர் வாழ்வியல்	புதுப்புனல்	நவம்பர் 2023 புதுப்புனல் கலை இலக்கிய மாத மலர்:14 இதழ்:11 ISSN : 2278- 1641 Regd.No.R.DIS	23-26	www.Pudhuppunal. com

				.No.202/09		
24.	Dr.A.Rajalakshmi	அக இலக்கியத்தில் சிறந்த மருத்துவர் தோழி	புதிய அவையம்	18.12.2023 ISSN:2456 – 821X Vol 7 Issue 3	149- 153	-
25.	Dr S.Anitha Sophia Margaret	புறம் கூறும் அறம்	இராஜா பப்ளிகேஷன்ஸ் ஆய்விதழ்	29 டிசம்பர் 2023 இராஜா பப்ளிகேஷன்ஸ் ஆய்விதழ் ISSN;2321- 984X	55-59	-
26.	Dr.M.Sathishkumar	சங்கத் தமிழரின் நீரியல் அறிவு - பருவ மழை அறிதல்	இந்திய இலக்கிய ஆய்வுகளுக்கான பன்னாட்டு ஆய்விதழ் (IRJIL)	பிப்ரவரி 2024 இந்திய இலக்கிய ஆய்வுகளுக்கா ன பன்னாட்டு ஆய்விதழ் (IRJIL) ISSN 2583- 5572	-	-
27.	Dr S.Anitha Sophia Margaret	சங்கத் தமிழரின் மானிட மதிப்புகள்	SHANLAX JOURNAL	09.02.2024 Vol.11 Special Issue- 1 P-ISSN: 2321- 788X E-ISSN 2582- 0397	-	-
28.	Dr S.Anitha Sophia Margaret	அகநானூற்றில் நெய்தல் நில மக்களின் சமூகச் சூழல்	சர்வதேச தமிழ் ஆய்விதழ்	20மார்ச் 2024 E-ISSN:2582- 1113	-	-

29.	Dr.A.Rajalakshmi	Lotus Of Wisdom – Shri Aurobindo	Journal Of Emerging Technologies And Innovative Research	21.03.2024 ISSN: 2349-5162	F238-F243	7.95
30.	Dr S.Anitha Sophia Margaret	மாணிக்கவாசகரின் ஆன்மீகமும் அறிவியலும்	இந்திய இலக்கிய ஆய்வுகளுக்கான பன்னாட்டு ஆய்விதழ்	26,27 மார்ச் 2024	61-67	-
31.	Dr.A.Rajalakshmi	Minor Deities Worship And Folk Customs	International Journal Of Creative Research Thoughts	March 2024 VOLUME.12/ ISSUES 3/800	G703-G708	-

DEPARTMENT OF ENGLISH(UG)

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/ Indian Citation Index/ Google Scholar
1.	Dr. P. Chitra	The Bereft of Shrimathi in Sudha Murthy's <i>Gently Falls the Bakula</i>	Junikhyat ISSN- 2278-4632	January 2023, Volume-14, Issue 01, No.3	1-3	6.625	UGC Care Listed
2.	Dr. P. Chitra	The Art of Anguish: Visualization of Suffering in Una's <i>Becoming Unbecoming</i>	Junikhyat	July 2024, Volume-14, Issue-7, No-2	81-83	6.625	UGC Care Listed Group- I
3.	Dr. P. Chitra	Deogratias: Unraveling Grief and Guilt in J P Stassen's Graphic Novel	Madhya Bharathi ISSN: 0974-0066	July 2024; Vol- 85; No-1	135-137	6.28	UGC Care List Group-I

DEPARTMENT OF BIOCHEMISTRY (UG)

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/ Web Science/ Indian Citation Index/ Google Scholar
1.	Ashika.M , Rekka Raja And Nirubama Kumar	Antioxidant Properties Of Silver Nanoparticles Biosynthesized From Leucas Aspera Spreng. (Lamiaceae) Extract	Adalya Journal	6(12)	112-125	-	-

DEPARTMENT OF BOTANY

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/ Web Science/ Indian Citation Index/ Google Scholar
1.	Madhavan Unny, R., K. Karthika and S. Paulsamy	Temporal changes in land cover of mangroves and allied biotopes in Abdasa, Kachchh district, Gujarat, India	Journal of the Marine Biological Association of India	2023, 65 (2)	1-9	-	Google Scholar
2.	Rithika, S, Anil Kumar, A and Revathi P.	Survey and documentation of plants from Southern Coimbatore	Kongunadu Research Journal	2023, 10 (1)	1-8	-	Google Scholar

3.	Linthiya, E., Malini, R, P., Betty, T., Vasini, V. and Sumathi, P.	Survey on the ethnomedicinal plants used by the communities around buliyar, the Nilgiri district, Tamilnadu, India	Kongunadu Research Journal	2023, 10 (1)	9-15	-	Google Scholar
4.	Balakrishnan, G., Kabilan, P., Betty, T., Malini, R, P., Vasini, V. and Sumathi, P.	Ethnobotanical survey of medicinal plants on the foothills of Palamalai hills, Coimbatore district, Tamilnadu	Kongunadu Research Journal	2023, 10 (1)	22-27	-	Google Scholar
5.	Vasini, V., Betty, T., Malini, R.P. and Sumathi, P.	Phytochemical, Antioxidant potential and FTIR analysis on the matured leaves of <i>Camellia Oleifera abel</i>	Kongunadu Research Journal	2023, 10 (1)	48-52	-	Google Scholar
6.	Athira, Malavika. J and Thenmozhi. K	Ethnobotanical investigation of Muthuvan Tribes medicinal plant usage in Edavanna Panchayat, Malappuram district, Kerala	Kongunadu Research Journal	2023, 10 (1)	40-47	-	Google Scholar
7.	Malavika J., Athira and Thenmozhi. K	Endangered medicinal plants of Western Ghats: A Review	Kongunadu Research Journal	2023, 10 (1)	59-65	-	Google Scholar
8.	Athira, Malavika. J and Thenmozhi. K	An overview of some pharmacologically relevant therapeutic plants from Kerala Sacred Grooves	Kongunadu Research Journal	2023, 10 (2)	21-30	-	Google Scholar
9.	Malavika J., Athira and Thenmozhi. K	A comprehensive review on the Ethnopharmacological and therapeutic perspectives of Psychoactive plants	Kongunadu Research Journal	2023, 10 (2)	48-52	-	Google Scholar
10.	Vimal Priya, S., K. Karthika, S. Amitha, T.V.	Documentation of some of the major medicinal plants used by the irula people in	Kongunadu Research Journal	2023, 10(2)	40-47	-	Google Scholar

		palamalai hills of Coimbatore district, Tamil Nadu, India					
11.	Sevvel, Sivatharshini, Vimal Priya and Karthikla, K	Documentation of angiosperms and ferns of Lambs rock Conoor, nilgiri district, Tamil Nadu	Kongunadu Research Journal	2023, 10 (2)	1-14	-	Google Scholar
12.	Santhoshkumar, M. Sivasankar, M and Aravindhana, V.	Sacred Trees in Hindu Temples of Theni District, Tamil Nadu: A Perspective of Ethnomedicinal uses and Conservation Study	Bulletin of Scientific Research	6 (1)	1-9	-	Google scholar
13.	Sevvel, S., Sivatharshini, T., Vimal Priya, S. and Karthika, K.	Documentation of angiosperms and ferns of Lamb's Rock Conoor, Nilgiris District, Tamil Nadu.	Kongunadu Research Journal	2023 ; 10 (2)	1-14	-	Google scholar
14.	Vimal Priya, S., Karthika, K., Amitha. T.V., Aleena. B. Eluvathingal, Yaazhini, J. and Ramachandran, J.	Documentation of some of the major medicinal plants used by the arad people in Palamalai hills of Coimbatore district, Tamil nadu, India	Kongunadu Research Journal	2023 ; 10 (2)	40-47	-	Google scholar
15.	Athira, P., Malavika, J., Thenmozhi, K.	An overview of some pharmacologically relevant therapeutic plants from Kerala's sacred groves	Kongunadu Research Journal	2023; 10 (2)	21-30	-	Google scholar
16.	Malavika, J., Athira, P., Thenmozhi, K.	A comprehensive review on the ethnopharmacological and therapeutic perspectives of psychoactive plants	Kongunadu Research Journal	2023; 10 (2)	48-52	-	Google scholar
17.	Malavika, J., Athira, P., Thenmozhi, K.	Review on the ethnopharmacological and therapeutic aspects of <i>Tinospora cordifolia</i> Thunb. Of Menispermaceae family	Kongunadu Research Journal	2024; 11(1)	34-40	-	Google scholar

DEPARTMENT OF ZOOLOGY

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/ Web Science/ Indian Citation Index/ Google Scholar
1.	Shashank Ajigudde Shreenivasa, Krishnakumar. V, John Pau I A, Ganesh S. Rajeshkumar S	Determination of heavy metals in various tissues of locally reared (country) Chicken in major districts of Karnataka, India: Assessment of potential health risks.	Archives of veterinary Science	2023 (28)4	1-10	0.18	Google Scholar
2.	J.Jency, K. Dhivya and S. Rajeshkumar	Studies on physico- chemical parameters in different soil samples from Erode District, Tamil Nadu, India	GSC Biological and Pharmaceutical Sciences,	2023, 24(02)	029-039	0.49	Google Scholar
3.	V. Veena, G Sasikala and Selvaraju Raja.	Occurrence of South American sucker armoured catfish (Pterygoplichthys pardalis) in the Gayathripuzha River, Palakkad, Kerala.	International Journal of Fisheries and Aquatic Studies	2023; 11(2):	08-17.	0.549	Google Scholar
4.	Kannan K, Kumar R, Raja S, et al.	Taxonomic and distribution status of Margaretha's goatfish,	J Aquac Mar Biol.	2023;12 (1)	49-52	-	Google Scholar

		Upeneus margarethae Uiblein and Heemstra, 2010. (Perciformes: Mullidae) from Thondi coast, east coast of India					
5.	Yaswanthkumar S, Raja S, Pavithra R, Kannan K, Navaneethan Muthu Krishnan.	Isolation, Estimation of Bacterial load, And Characterization Of gut microbes Of three garra Species from Bhavani river, Western ghats, Tamil Nadu, India.	International Journal of Zoology and Applied Biosciences.	2023. Volume 8, Issue 3,	pp: 27-31	-	Google Scholar
6.	Davis Ephsy , Selvaraju Raja.	Characterization of microplastics and its pollution load index in freshwater Kumaraswamy Lake of Coimbatore, India.	Environmental Toxicology and Pharmacology	2023. 101 104207.	-	5.785.	Scopus
7.	Navaneethan M. and Raja S.*	Enhancing Water Quality Management in Ornamental Fish Aquariums with Pot and Bamboo Filter Systems.	Uttar Pradesh J. Zool.,	2023, vol. 44, no. 22,	pp. 168183	-	Web Science
8.	Yaswanthkumar S. Bhavadharani P, Kannan K. and Raja S.	Descriptive Osteology of Catfish, <i>Sperata aorides</i> (Jerdon, 1849) of the Bagridae Family from Cauvery River Basin, Tamil Nadu, India.	Uttar Pradesh J. Zool	2023. vol. 44, no. 21,	pp. 236243	-	Web Science

9.	Kannan Karuppiah, Kumar Rajendran, Raja Selvaraju, Sajan John, Kannapiran Ethiraj.	Molecular Taxonomy and Distribution Status of <i>Odontanthias perumali</i> (Talwar 1976) From Bay of Bengal, Eastern Indian Ocean.	Thalassas: An International Journal of Marine Sciences.	Accepted: 14 September 2023	-	0.7	Scopus
10.	Dr.K. Kannan	Chitinase from <i>Streptomyces mutabilis</i> as an Effective Eco- friendly	Applied Biochemistry and Biotechnology	2023 https://doi.org/10.1007/s12010-023-04489-8	-	3.094	Science Citation Index Expanded (SCIE)
11.	Dr.K. Kannan	Lengthweight relationship of flying fishes (Exocoetid) from Bay of Bengal, Eastern Indian Ocean	Thalassas: An International Journal of Marine Sciences	2023 DOI: 10.1007/ s41208- 023- 00549-2		0.951	Science Citation Index Expanded (SCIE)
12.	Dr.K. Kannan	Taxonomic and distribution status of Margaretha's goatfish, <i>Upeneus</i> Margarethe Uiblein and Heemstra, 2010	Journal of Aquaculture & Marine Biology	2023 12(1)	49 -52.	-	SCOPUS
13.	Suryaprahasan R, R.Sivagnanam, N.Paulraja, D.Tamilliniya, R.Venkitachalam, C.Vijaya Kumar & Iaiya Bharathi	The Orangebreasted GreenPigeon: new addition too Dharmapuri District of Tamil Nadu, India	Zoo's print	2023 (214)	14-15	-	Google scholar

14.	Suryaprahasan Raja, Anju Alagiri, Anjana Ashok, Janani Parthiban and, Velayutham Meiyalagan	Isolation and identification of histamine- producing bacteria in Frigate Tuna Auxis Thazard	Kongunadu Research Journal	2024	15-20	-----	Google scholar
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DEPARTMENT OF PHYSICS

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Sanjay S. Nair, Minnu Peter, Sai Charanya, B. and V.D. Nithya	Synthesis and characterization of BiFeO ₃ Nanoparticles for supercapacitors	Kongunadu Research Journal	2024	41	-	Google Scholar

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Pavithra R	Internet of Things and Digital Lives: An Empirical approach on the Security ,Privacy and Trust for Enhanced IoT User Experience	Indian Journal of Natural Sciences	Volume 14 Issue 80, Oct 2023	931 - 940	2.452	Web of Science

DEPARTMENT OF COMMERCE (UG) & (PG)

S. No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	V. Ramya	Dynamic Linkage Between Automobile Sector And Macro Economic Variables	Humanities and Social Science Studies	June 2024, Volu.13	133-137	Finance	UGC CARE
2.	Dr.S.Uma Ms. S.Saranya	Impact Of Deceptive Advertising On Selected Products In Coimbatore-Consumer's Perspective	Journal of Foundation Research	2023 volume XXXI, No 2 (H)	162-167	-	-

DEPARTMENT OF COSTUME DESIGN AND FASHION

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Mrs. R. Yamini	Managing Bottlenecks in the Sewing process by Dissection Analysis & Line Balancing Technique	Journal of the Oriental Institute	2023, Vol., 72	95 - 101	-	Google Scholar

Department of Computer Application

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Dr. K. Sumangala	Heart Disease Prediction using Deep Learning Techniques	Journal of the K.R Cama Oriental Institute	Vol.No.78 April 2024	Pg.No. 55	7.854	UGC Care – Group I
2.	Dr. K. Sumangala	Tomato Leaf Disease Detection using Machine Learning Assistance of A BOT	Journal of the K.R Cama Oriental Institute	Vol.No.78, April 2024	Pg.No. 103	7.854	UGC Care - Group I

DEPARTMENT OF COMPUTER SCIENCE (UA)

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Mrs.N.Paviyasre	An Integration of Big Data, Cloud Computing, and Internet of Things Integration: A Survey	Indian Journal of Natural Sciences	ISSN: 0976 – 0997	66544-66552	2.452	Web of Science

DEPARTMENT OF ENGLISH (PG)

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Dr.M.Swathi	Beyond Betrayal: The Quest for Redemption and Atonement in Khaled Hosseini's The Kite Runner	Shodh Patrika	2024, Vol.43 No.I (IV) Jan - June	31-32	-	UGC Care - Group I

DEPARTMENT OF MATHEMATICS (UA)

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Dr. K. Baby	On Nano Star Generalized Alpha Closed Set and Nano Star Generalized Alpha Continuous Function in Nano Topological Space	Indian Journal of Natural Science	2024, Vol.15/ Issue.84	75538-75544	2.742	Web Science
2.	Mrs.R.Nesarajithamani	On b-gp(b-bsp) Closed sets in BinaryTopological Spaces	Indian Journal of Natural Science	2024, Vol.15/ Issue.84	76065-76078	2.742	Web Science