

KONGUNADU ARTS AND SCIENCE COLLEGE (Autonomous)

Coimbatore – 641 029

(Academic Year 2022 – 2023)

Research Paper published by Faculty Members (International Journals)

DEPARTMENT OF BIOCHEMISTRY

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. Narendhirakannan R.T	Mineral composition, phytochemical analysis, anti-oxidant and anti-diabetic activities of a polyherbal formulation-an in vitro approach.	Elsevier	2022, 39	100874	-	Scopus
2.	Dr.KNirubama	Green synthesis and pharmacological applications of silver nano particles using	Elsevier	2022, 34	102284	3.9	

		ethanolic extract of <i>Salacia chinensis L.</i>					Scopus
3.	Dr.K.Nirubama	GIS Mapping of Medicinal Plants in Kurunthamalai Hills, Coimbatore	Journal of Xidian University	Volume- 16-Issue- 7-July- 2022	390-405	0.32	Scopus
4.	Monisha S and M Santhosh Kumar, Ram Narendran R, Yamuna M, Hariputhiran S and Shalin	Physicochemical Analysis and Phytoremediation of Textile Effluent using Chlorella vulgaris	Journal of Xidian University	Volume- 16-Issue- 7-July- 2022	822 - 841	0.32	Scopus
5.	Santhoshkumar Muthu, Monisha Sudhakar, Brindha Durairaj, Thiruselvi Muniswaran	Isolation and Characterization of Small Alpha Triptide from the Young Leaves of Annona Muricata.	Journal of Xidian University	Volume- 16-Issue- 7-July- 2022	842 - 850	0.32	Scopus
6.	Santhoshkumar Muthu and Monisha Sudhakar, Shalini Ganesh, Keerthika Kumarasamy, Tamiloli Devendhiran and Mei-Ching Li	Metabolite profiling and characterization of hydroethanolic extract of Annona muricata Linn.Leaves by	Journal of Xidian University	Volume- 16-Issue- 7-July-22	865 - 883	0.32	Scopus

		GC/MS, LC-MS, HPTLC, UV and FTIR Analysis					
7.	Monisha Sudhakar , Thiruselvi Muniswaran , Gayathri Devi , Ram Narendran , V Rama , Santhoshkumar Muthu , Hariputhiran Singaravelu, Ragavan Ballia	Renal function outcome and antidyslipidaemic effect of polyherbal crude extract in Isoproterenol-Induced Oxidative Damage in Rat Myocardium	Journal of University of Shanghai for Science and Technology	Volume 24, Issue 8, August - 2022	286-301	0.13	Scopus
8.	Selvaraju Raja1, and Monisha Sudhakar2, Santhoshkumar Muthu*	Green seaweed, Ulva sp. a potential source of ingredients for feed formulation of Ornamental fishes.	Journal of Research in Agriculture and Animal Science	Volume 9 ~ Issue 7 (2022)	pp: 44-50.	-	Google Scholar

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
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1.	Kim, M., Sowndhararajan, K., Deepa, P. and Kim, S.	Variations in the Chemical Composition of Essential Oils in Native Populations of Korean Thyme, <i>Thymus quinquecostatus</i> Celak.	<i>Molecules</i>	2022, 27 (21)	7203	4.927	We of Science
2.	Kim, K.M., Kim, S.Y., Mony, T.J., Bae, H.J., Choi, S.H., Choi, Y.Y., An, J.Y., Kim, H.J., Cho, Y.E., Sowndhararajan, K. and Park, S.J.	<i>Moringa concanensis</i> L. alleviates DNCB-induced atopic dermatitis-like symptoms by inhibiting NLRP3 inflammasome-mediated IL-1 β in BALB/c mice.	<i>Pharmaceuticals</i>	2022, 15 (10)	1217	5.215	Web of Science
3.	Hong, M., Deepa, P., Lee, K.Y., Kim, K., Sowndhararajan, K. and Kim, S.	Chemical Diversity of Essential Oils from Korean Native Populations of <i>Agastache rugosa</i> (Korean Mint).	<i>Molecules</i>	2022, 27 (19)	6341	4.927	Web of Science
4.	Hong, M., Jang, H., Bo, S., Kim, M., Deepa, P., Park, J., Sowndhararajan, K. and Kim, S.	Changes in Human Electroencephalographic Activity in Response to <i>Agastache rugosa</i> Essential Oil Exposure.	<i>Behavioral Sciences</i>	2022, 12 (7)	238	2.286	Web of Science
5.	Kim, M., Sowndhararajan, K. and Kim, S.	The Chemical Composition and Biological Activities of Essential Oil from Korean Native Thyme Bak-Ri-Hyang (<i>Thymus quinquecostatus</i> Celak.).	<i>Molecules</i>	2022, 27 (13)	4251	4.927	Web of Science
6.	Palanisamy, K., B. Venkatachalam, D. Gurusamy and V. Krishnan,	Embryo and Ovary Culture of Important Legume Horse Gram, <i>Macrotyloma uniflorum</i>	<i>Asian Journal of Crop Science</i>	Accepted for Publication (ISSN 1994-7879 DOI:	-	-	Web of Science

		(Lam.) Verdc		10.3923/ajcs.2022.XX.XX)			
7.	Gargi Gangadharan, Glory Abraham and Thenmozhi Krishnaswamy	Biosynthesis And Characterization Of Silver Nanoparticles Using <i>Actinopteris radiata</i> , Bedd. And Assessment Of Their Antimicrobial Activity	Journal of University of Shanghai for Science and Technology	2022, 24 (6)	253-264		Scopus
8.	Alarmelu, S., Jayabose, C., Anusheela, V., Aravindhan, V. and Karupppaiyan, R.	Genetic diversity analysis in tropical sugarcane genotypes using morphometric traits	Sugar Tech	Accepted for publication (EMID: 1311640d1e43c006)	-	-	Web of Science
9.	Rekka Raja*, Nirubama Kumar, Tamil Selvi Arunachalam, Leena Joyce Devaraj, Arun Kumar Maradhu	GIS Mapping Of Medicinal Plants In Kurunthamalai Hills, Coimbatore	Journal of Xidian University	2022, 16 (7)	390-405	5.4	Scopus
10.	Rekka Raja, Nirubama Kumar and Devika Sukhadev	Molecular Docking studies of Adiantum Capillus - veneris L. (Pteridaceae) against SARSCOV 2-Main Protease 3CL - A prospective drug of COVID-19	Strad Research	2022, 9 (6)	377-392	6.1	Web of Science
11.	Rekka Raja and Aswani B S2	Identification and Conservation Status Of	Journal of University of	2022, 24 (8)	228-247		Scopus

		Medicinal Plants In Chengottumala Hills, Kerala	Shanghai for Science and Technology				
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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	Representation of Identical Hybridity and Anglo-Indianism in Glen Duncan's: The Blood Stone Papers	Journal of Positive School Psychology	2022, vol 6, No.4,8613-8616	8614-8620		Scopus
2.	Dr. P. Chitra	Enrooting Social and Moral Values Through the Stories of Vishnu Sharma, Ruskin Bond and Sudha Murty	Journal of Emerging Technologies and Innovative Research	2022, Volume 9, Issue 9	1 to 10	7.95	UGC
3.	Dr. P. Chitra	Women and Gender Politics in JANE	Journal of Emerging	2022, Volume 9,	545 to	7.95	UGC

		AUSTEN Writings	Technologies and Innovative Research	Issue 9	550		
4.	Dr. Shobha Ramaswamy, Dr. M.K. Praseeda	Beyond Human Potence: Transformation of Vilie Through Faith in Easterine Kire's 'When the River Sleeps and the Journey of the Stone'	Specialusis Ugdyas	2022, Volume 2, Issue 43	2460 to 2470	0.059	Scopus

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 and V.Kokilavani	Intuitionistic fuzzy generalized α -connectedness in Intuitionistic fuzzy topological spaces	Mathematical statistician and Engineering Applications	August 2022	3732-3737		Scopus

2	J.Christy Jenifer and V.Kokilavani	Intuitionistic fuzzy generalized α -continuous in Intuitionistic fuzzy topological spaces	Indian Journal of Natural Sciences	October 2022	0976-0997		WOS
3	C. Ravichandran, V. Sowbakiya, Kottakkaran Sooppy Nisar	Study on existence and data dependence results for fractional order differential equations	Chaos, Solitons & Fractals	2022, 160	1-8.	9.922	SCI, Scopus
4	K. Kaliraj, M. Manjula, C. Ravichandran	New existence results on nonlocal neutral fractional differential equation in concepts of Caputo derivative with impulsive conditions	Chaos, Solitons & Fractals	2022, 161	1-11.	9.922	SCI, Scopus
5	K. Kaliraj, KS. Viswanath, K. Logeswari, C. Ravichandran	Analysis of Fractional Integro-Differential Equation with Robin Boundary Conditions Using Topological Degree Method	Internationa l Journal of Applied and Computational Mathematics	2022, 8	1-17	1.77	Scopus
6	Kottakkaran						

	Sooppy Nisar, C. Ravichandran, Abdel-Haleem Abdel-Aty, Ibrahim S Yahia, Choonkil Park	Case study on total controllability and optimal control of Hilfer neutral non-instantaneous fractional derivative	Fractals	2022, 30	1-17.	4.555	SCI, SCIE & Scopus,
7	Kottakkaran Sooppy Nisar, V Vijayaraj, N Valliammal, K Logeswari, C Ravichandran, Abdel-Haleem Abdel-Aty, Ibrahim S Yahia	<u>A Note On Controllability Of Noninstantaneous Impulsive Atangana- Baleanu-Caputo Neutral Fractional Integrodifferential Systems</u>	Fractals	2022	2240203	4.555	SCI, SCIE & Scopus,
8	C. Ravichandran, K. Jothimani, Kottakkaran Sooppy Nisar, Emad E Mahmoud, Ibrahim S Yahia	An interpretation on controllability of Hilfer fractional derivative with nondense domain	Alexandria Engineering Journal	2022, 61	9941-9948	3.732	SCIE, Scopus

9	K Jothimani, C Ravichandran, Vipin Kumar, Mohamed Djemai, Kottakkaran Sooppy Nisar	Interpretation of Trajectory Control and Optimization for the Nondense Fractional System	International Journal of Applied and Computational Mathematics	2022, 8	1-14	1.77	Scopus
10	K Kaliraj, PK Priya, C Ravichandran	<u>An Explication of Finite-Time Stability for Fractional Delay Model with Neutral Impulsive Conditions</u>	Qualitative Theory of Dynamical Systems	2022, 21	1-17	1.419	Scopus
11	Veliappan Vijayaraj, Chokkalingam Ravichandran, Thongchai Botmart, Kottakkaran Sooppy Nisar, Kasthurisamy Jothimani	<u>Existence and data dependence results for neutral fractional order integro-differential equations</u>	AIMS Mathematics	2022, 8	1055-1071	2.739	SCIE, Scopus
12	Sathishmohan.P, Sindhu.M, Lavanya.k, Rajalakshmi.K	KSgp&KSgsp closed sets in Kasaj topological spaces	Indian journal of natural sciences	August 2022	47031-47037		WOS

13	Ika H. Agustin, Lilie Susilowati, Dafik, Ismail N. Cangul & N. Mohanapriya	On the vertex irregular reflexive labeling of several regular and regular-like graphs	Journal of Discrete Mathematica l Sciences and Cryptograph y	25, 2022	https://doi.org/10.1080/09720529.2022.2063543		Scopus, ESCI
14	Raúl M. Falcón , Nagaraj Mohanapriya and Venkitachalam Aparna	Optimal Shadow Allocations of Secret Sharing Schemes Arisen from the Dynamic Coloring of Extended Neighborhood Coronas	Mathematics	10(2), 2022	https://doi.org/10.3390/math10122018	2.592	Scopus, SCIE

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/Indi an Citation Index/Googl e Scholar
1.	Thangabalu Subramani,	Surfactants assisted synthesis of WO ₃	Inorganic Chemistry	142	109709	2.495	Scopus

	Govindaraj Thimmaray, Babu Balraj, Narendhar Chandrasekar, Matheswaran Palanisamy, SenthilKumar Nagarajan, Saranya Amirtharajan, Mohanraj Kumar, Chandrasekar Sivakumar	nanoparticles with improved photocatalytic and antibacterial activity: A strong impact of morphology	Communicat ions	(2022)			
2.	M.K. Komal Poojha, M. Vijayakumar, P. Matheswaran, El Sayed Yousef, K. Marimuthu,	Modifier's influence on spectral properties of dysprosium ions doped lead boro-telluro- phosphate glasses for white light applications	Optics and Laser Technology	156 (2022)	108585	3.867	Scopus
3.	Mannu Pandian, Alageshwaramoort hy Krishnaprasanth, Matheswaran Palanisamy, Gokul Bangaru, Ramcharan Meena, Chung-Li Dong, Asokan	Effects of Heavy Ion Irradiation on the Thermoelectric Properties of $\text{In}_2(\text{Te}_{1-x}\text{Se}_x)_3$ Thin Films	Nanomateria ls	12 (2022)	3782	5.2	Scopus

	Kandasami,						
4.	R Ramprasath, L Arul Pragasam, V Manikandan, S Sudha, S Cholan, Abdullah A Alarfaj, Abdurahman Hajinur Hirad, B Gokul , Sridhar Sampat	Visible light photocatalytic and magnetic properties of V doped α -Fe ₂ O ₃ (VFO) nanoparticles synthesized by polyol assisted hydrothermal method	Chemospher e	307(2022)	135575	8.9	Scopus/Web Science/India n Citation Index/Google Scholar
5.	R Ramprasath, Velu Manikandan, S Aldawood, S Sudha, S Cholan, N Kannadasan, Sridhar Sampath, B Gokul	Polyol-assisted hydrothermal synthesis of Mn-doped α -Fe ₂ O ₃ (MFO) nanostructures: Spin disorder-induced magnetism and photocatalytic properties.	Environmen tal Research	214(2022)	113866	8.4	Scopus/Web Science/India n Citation Index/Google Scholar
6.	L.S. Niranjana, M. Mathankumar, Karthikkumar. D, R. Ranjithkumar, B. Chandar Shekar, Ling Shing Wong, Sinouvassane Djearamane	Characterization of Calcium Phosphate Chitosan Nanocomposite as Plant Growth Promoter	Journal of Experimenta l Biology and Agricultural Sciences	10(3) 2022	567 – 574.	0.4	Scopus
7.	Karthikkumar Dhanabalan, Divya	Synthesis and Characterization of	Journal of Experimenta	10(4)	773-780	0.4	Scopus

	Balasubramanian, Ranjithkumar Rajamani, Chandar Shekar Bellan, Ling Shing Wong, Sinouvassane Djearamane	Magnesium Doped Ferric Sulphate Nanoparticles (Mg-Fe ₂ SO ₃ NPs) for Agriculture Applications	I Biology and Agricultural Sciences	2022			
8.	S. Rajeswari, M. Mohamed Ibrahim, I. Loyola Poul Raj, Jabir Hakami, Mohd Imran, S. AlFaify, Mohd. Shkir	Noticeably enhanced photosensing properties of Fe-doped Bi ₂ S ₃ thin films developed by nebulizer spray pyrolysis technique for photosensor applications	Sensors & Actuators: A. Physical	345 (2022)	113759	3.407	Scopus
9.	S. Rajeswari, M. Mohamed Ibrahim, Abdullah M.Al-Enizi, Mohd Ubaidullah, Prabhakaran Arunachallam, Bidhan Pandit, Shoyebmohamad F.Shaikh	Photo sensing properties of Cd-doped In ₂ S ₃ thin films fabricated via low-cost nebulizer spray pyrolysis technique	Journal of Materials Science: Materials in Electronics	Accepted (https://doi.org/10.1007/s10854-022-08766-w)		2.478	Scopus

DEPARTMENT OF TAMIL (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.	முனைவர் இரா. மணிமேகலை	பேராசிரியர் ந. சுப்புரெட்டியாரின் தருக்கவியல் அணுகுமுறை சைவசித்தாந்தம் ஓர் அறிமுகம்	International Journal of Tamil Language & Literary Studies	Nov.2022	526 - 535	-	-
2.	முனைவர் சு. சதீஷ்குமார்	முனைவர் ந. சுப்புரெட்டியாரின் திருக்கோயில் தத்துவம்	International Journal of Tamil Language & Literary Studies	Nov.2022	270-277	-	-
3.	முனைவர் மு. ருக்மணி	Feminist Portrayal in the Poems of Salma and Malati Maitri	International Research Journal of Tamil	2022	317-324	-	-

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.	Saravanan Preethee, Kulandaivel Saminathan, Masi Chandran, Palanisamy Kathireswari.	Valorization of phyto-biomass with tertiary combination of animal dung for enriched vermicompost production	Environmental Research	2022	215	8.431,	PubMed/Medline, Science Citation Index
2.	S.Raja	Investigation of functional groups in epidermal mucus of endemic Bagridae fishes of Western Ghats.	<i>International Journal of Fisheries and Aquatic Studies</i>	2022, 10(1)	112-115	-	Google scholar
3.	S.Raja	Larvicidal activity of different solvent	Innovations	2022,	-		

		extracts of <i>Nerium oleander</i> (Apocynaceae) red coloured flowers against <i>Aedes aegypti</i> , <i>Anopheles stephensi</i> and <i>Culex quinquefasciatus</i> (Diptera: Culicidae)		Number 68			
4.	Karthika C Manivannan S Jawahar S	Qualitative and quantitative screening of phytoconstituents and characterization of various extracts of <i>Wedelia trilobata</i> leaf extracts	International Journal of Ayurvedic Medicine	2022, 13	429-435	1.56	Web of Science

DEPARTMENT OF B.COM AND M.COM

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
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							Scholar
1.	Mr.K.Myilswamy	Grievance Mechanism Of Payment Banks In Rural Areas With Special Reference To Coimbatore District	Journal of Information and Computational Science	Volume 12 Issue 11, 2022	122 TO 127	6.2	UGC CARE LIST – II APPROVED / Google Scholar
2.	Mr.K.Myilswamy	Effectiveness of payment banks in rural area with reference to coimbatore district	The International journal of analytical and experimental modal analysis	Volume XIV, Issue XI	985 – 990	6.3	UGC CARE LIST – II APPROVED / Google Scholar
3.	Mr.K.Myilswamy	A study on consumer satisfaction and buying behaviour of nature's by-product in coimbatore city	International Journal of humanities, Law and Social Sciences	Volume-9, Issue-1, No. 11	102 - 106		UGC CARE LIST – II

DEPARTMENT OF BBA CA

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
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							Scholar
1.	Mrs .M. Sangeetha	Farmers Perception on Agriculture Loans Public Sectors Banks in Coimbatore District – An Analytical Study	International Journal of Research and Analytical Reviews (IJRAR)	11, September – 2022, Volume 9	Journal No: 43602	7.17	

DEPARTMENT OF COMMERCE WITH ACCOUNTING AND FINANCE

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.	Mr.S.K. Arunkumar	A study on the performance and its impact of Pradhan Mantri Mudra Yojana	The International Journal of analytical and experimental modal analysis	2022, XIV	51 – 57		

DEPARTMENT OF BCOM B&I

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.Maharajothi Priya	A study on the problems faced by the women entrepreneurship in Coimbatore	UGC CARE approved International Journal of Humanities, Law and Social Science	2022, 9	12 - 19	-	-
2.	Dr.K.Sudha	A study on the problems faced by the women entrepreneurship in Coimbatore	UGC CARE approved International Journal of Humanities, Law and Social Science	2022, 9	12 - 19	-	-
3.	Dr. D. Moorthy	A study on the Barriers to Financial Inclusion in the Rural areas of Coimbatore	Business, Management and Economics Engineering	2022, 20	1491 – 1497	-	Scopus

DEPARTMENT OF B.COM (CA) & M.COM(CA)

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.T.Kumar	A Study On Consumer Awareness Of Fast Moving Consumer Goods Of Rural Consumers In Coimbatore	Journal of Oriental institute	Vol. 71, Issue. 03, No.3, July-September: 2022	78-82	6.33	Google Scholar (ISSN :0030-5324)
2.	Dr.V.Regha	A Study and overview of Cryptocurrency in and around India	IJCRT	Oct 2022,10	D694 to 697	7.97	Google Scholar

DEPARTMENT OF BIOTECHNOLOGY

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
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							Scholar
1.	Dr. S.R Madhan Shankar	Analysis On Knowledge, Attitude And Practice Among Tribal Women Of Nilgiris District With Reference To PCOS	Journal of Emerging Technologies and Innovative Research	2022, 9		7.95	Google Scholar
2.	Dr. S.R Madhan Shankar	Antioxidant and Chemometric Profiling of phytochemicals from Eupatorium triplinerve Vahl's leaf extract and In-silico screening of potential inhibitors of hemorrhoids	Journal of University of Shanghai for Science and Technology	2022, 24	49-81	-	Scopus
3.	Dr. S.R Madhan Shankar	Study on Spray drying of Bacillus velezensis NKMV-3 Strain, its formulation and bio efficacy against early blight of tomato	Biocatalysis and Agricultural Biotechnology	2022. 45	-	-	Scopus
4.	Dr R Sathishkumar	In silico screening of potential drug (Phytochemicals)	Indo-American Journal of	2022,09 (10)	69-79	7.3	Google scholar

		against Interleukin-6 the key protein involved in Metastasis	Pharmaceut ical Sciences				
5.	Dr B Vishnupriya	Isolation and Partial Purification of fungus Bioactive metabolites and its antibacterial activity in pathogenic Bacteria	Journal of University of Shanghai for Science and technology	2022, 24	115-128	0.2	Scopus
		Development of Natural jelly from Beetroot peel: Analyze its stability and sensory properties	Journal of University of Shanghai for Science and technology	2022, 24	335-351	0.2	Scopus
6.	Dr. S. Dinesh Kumar	Invivo toxicity and histopathology studies of plant extracts in Wistar albino rats	Journal of Xidian University	2022, 16, 9	83-99	5.4	Scopus

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.	Vadivelan Ganesan	Evaluation of in-vitro Anticancer, Antimicrobial and Antioxidant activity of Ageratum conyzoides (L.) and Sphagneticola trilobata (L.) Pruski Leaves	Journal of Xidian University	2022, 16	29-43	1	Google scholar

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. Kumuthaveni	A Survey on routing protocols for flying Adhoc Networks (FANETS)	Shodhasamhita	July-December 2022, Vol VIII	63-70	7.268	UGC Care

2.	Dr.R.Saravanamoorthy	A Novel Approach to Detect Intrusion Using SOM for Automated Clustering	Journal of Research & Development	2022, Volume 13	122-125		UGC Care
3.	Dr.R.Saravanamoorthy	Rising the quality of Service in Ad Hoc Network through Weighted cluster Based Hierarchical Routing	RTDCMA conference proceedings	Sep 2022			UGC Care

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	Adaptive Secured Position based routing Protocol for Efficient Transmission in Vehicular Adhoc Network	International Journal of Health Science	June 2022	3026-3032		Scopus

2.	Dr. A.Indumathi	Emotion Recognition using Speech based Tess and Crema Algorithm	Springer,Singapore	Sep 2022			Scopus
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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.	Mrs. D. Princy	A Multi-Factor Mutual Authentication Scheme for IoT Enabled WSN	TELEMATIQUE	Volume 21, 2022	3010 - 3026		Web of Science

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
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							Scholar
1.	Dr. A. Amuthalakshmi & Mrs. S. Selvi Celin Prabha	Impact of Rotation in Vibrating Nano Ring	Neuroquantology	2022, Vol -20, No-11	4242 - 4251	0.453	Scopus

DEPARTMENT OF PG AND RESEARCH DEPARTMENT OF BIOCHEMISTRY

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	Benitta Soosan Thomas ¹ , Venkatesh Rajendran, Prasanya Chelladurai, Vadivelan Ganesan, Abitharani Jothibas, Mithun K Rajan, Sujith Shanker	Evaluation of in-vitro Anticancer, Antimicrobial and Antioxidant activity of Ageratum conyzoides (L.) and Sphagneticola trilobata (L.) Pruski Leaves	Journal of Xidian University	VOLUME 16, ISSUE 8, 2022	29-43	0.69	Scopus
2	Mithun K Rajan, Benitta Soosan Thomas, Sujith Shankar, Abitharani	Evaluation of the in-vitro anticancer and antimicrobial effect of Centella asiatica (L.) Urb and Coccinia grandis (L.) Voigt	<i>Journal of Research in Pharmaceutical</i>	<i>Volume 8 ~ Issue 8 (2022)</i>	07-15	0.50	-

	Jothibas, Venkatesh Rajendran, Reena.D	leaves	<i>Science</i>				
3	S. Junapudi, S. Yerramsetty, Pallaval, J. Anitha, B.Chidipi Y. Mohanta, A. Ghosh, T. Mohanta, A.Al Harrasi	Alterations of Cardiac Ion Channels by Venomous Peptides	Venoms and Toxins	2022	24-28	3.3	Scopus
4	Monisha S, Ram Narendran R, Yamuna M , Hariputhiran S , Shalini, Santhosh Kumar M	Physicochemical Analysis and Phytoremediation of Textile Effluent using <i>Chlorella vulgaris</i>	Journal of Xidian University	2022 Volume 16	822- 841	0.69	Scopus
5	Monisha Sudhakar, Thiruselvi Muniswaran , Gayathri Devi, Ram Narendran , V Rama, Santhoshkumar Muthu , Hariputhiran Singaravelu, Ragavan Balliah	Renal function outcome and antidyslipidaemic effect of polyherbal crude extract in Isoproterenol-Induced Oxidative Damage in Rat Myocardium	Journal of University of Shanghai for Science and Technology	2022 Volume 24	286- 301	0.20	Scopus
6	Santhoshkumar Muthu, Monisha	Metabolite profiling and characterization of	Journal of Xidian	2022	865-	0.69	Scopus

	Sudhakar, Shalini Ganesh, Thiruselvi Muniswaran, Keerthika Kumarasamy, Tamiloli Devendhiran, Mei- Ching Lin, Brindha Durairaj	hydroethanolic extract of Annona muricata Linn. Leaves by GC/MS, LC-MS, HPTLC, UV and FTIR Analysis	University	Volume 16	883		
7	Santhoshkumar muthu, brindha durairaj, thiruselvi muniswaran, Monisha sudhakar	Isolation and Characterization of Small Alpha Triptide from the Young Leaves of Annona uricata	Journal of Xidian University	2022 Volume 16	842- 850	0.69	Scopus

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.	Mr.J.Athisayaraj Jebakumar	Women and Gender Politics in Jane Austen's	Journal of Emerging Technologies	2022, 9	G545- 549	7.95	

		Writings	and Innovative Research				
2.	Dr.M.Pradeepa	Representation of Identical Hybridity and Anglo- Indianism in Glen Duncan's <i>The Blood Stone Papers</i>	Journal of Positive School of Psychology	2022, 6	8613- 8617	3.23	Scopus (Elsevier), Google Scholar, Research Gate
3.	Ms.J.Annamma	Cultural Transition in the Selected Works of Ruth Pawar Jhabwala	Journal of Emerging Technologies and Innovative Research	2022, 9	F526- 529	7.95	-
4.	Mr.R.Gobinath	Depiction of Societal Evils in Chetan Bhagat's <i>Revolution 2020</i>	Kongunadu Research Journal	2022, August	-	-	-
5.	Mr.R.Gobinath & Mr.B.Damodhara prasath	Portrayal of Super Power Characters in Samit Basu's <i>Turbulence</i>	The Strad	2022, August	-	-	-
6.	Mr.B.Lingeswaran	Aspects Of	Journal of	2022,	-	-	-

		Violence And Hatred Analysed through Psychological Theory of Freud in Emily Bronte's <i>Wuthering Heights</i>	Emerging Technologies and Innovative Research	September			
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DEPARTMENT OF PSYCHOLOGY

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. Kavitha	Study on Quality of Work Life among HR professionals	Journal of Emerging technologies and Innovative Research	Volume 9 Issue 7, July-2022	c732-c739	7.95	Google scholar

DEPARTMENT OF BIOCHEMISTRY

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.Nirubama	Molecular Docking studies of Adiantum Capillus - veneris L. (Pteridaceae) against SARS-COV 2-Main Protease 3CL – A prospective drug of COVID-19	Journal of Strad Research	Volume 9, Issue 6, 2022	377-392	-	Web Science

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.	Syed Ali Akbar, S.I., Aiswarya, K., Logasri,	Changes in polyphenolic	<i>Kongunadu Research</i>	2022, 9(1)	62-70	-	

	B. and Sowndhararajan, K.	contents and antioxidant potential of the leafy vegetable, <i>Talinum portulacifolium</i> by moist heat cooking.	<i>Journal</i>				Google Scholar
2.	Sneha, V., Monisha, B., Sridharan, C., Nandhini, A. and Revathi, P.	Survey and Documentation of Plant Species in North Coimbatore	<i>Kongunadu Research Journal</i>	2022, 9(1)	53-61	-	Google Scholar
3.	Rekha Raja , Nirubama Kumar and Moorthy Duraisamy	Ethnomedicinal plants used by Malayali Tribals in Yercaud Hills, Salem District, Tamil Nadu, India	<i>Kongunadu Research Journal</i>	2022, 9(1)	9-21	-	Google Scholar

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
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1.	T.Swathi, V.D.Nithya	Antibacterial Study of ZnO And Zn0.5mg0.50 Nanoparticles Synthesized by Co-Precipitation Method	Kongunadu Research Journal	9 (1): 2022	77-82	-	Indexed in Google Scholar
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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.	Sijinamanoj Velayuthan, C.M. Kalleshwaraswamy, Muthukumar Thangavelu, Saminathan Kulandaivel and Kathireswari Palanisamy.	Distribution in Various Habitats in Palakkad District, Kerala.	Indian Journal of Ecology	2022	49(3): 780-784	0.544.	Web of science
2.	S.Raja	Antimicrobial activities of certain	Kong. Res. J.	1. 2022, 8 (2):	31-38.	-	

		Seaweeds from muddy shore places of Kerala.					
3.	S.Raja	Green seaweed, Ulva sp. a potential source of ingredients for feed formulation of Ornamental fishes.	Journal of Research in Agriculture and Animal Science	2022, Volume 9 ~ Issue 7	44-50	-	
4.	M.Samynathan et al.,	Distribution Of Freshwater Fishes In Annassery Pond, Thalakkulathoor Panchayat, Kozhikode Thaluk, Kerala	International Journal of Zoology and Applied Biosciences	Volume 72022	pp: 14-23	-	-

DEPARTMENT OF COMMERCE WITH ACCOUNTING AND FINANCE

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.	Mr.S.K. Arunkumar	Role of “Pradhan Mantri Mudra Yojana” (PMMY) in the entrepreneurship development in India	Journal of Information and Computational Science	2022, Volume 12	256 - 263		

DEPARTMENT OF BIOTECHNOLOGY

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 B Vishnupriya	Molecular Characterization and	Kongunadu Research Journal	2022, 9	38-49	-	

		Optimization of Streptomyces albogriseolus NGP 2 and its Prospects on Heavy metals Degradation Isolation and Screening of Keratinase producing Bacteria from Chicken farm bed	Kongunadu Research Journal	2022,9	83-90	-	Indian Citation Index/Google Scholar Indian Citation Index/Google Scholar
2.	Dr. S. Dinesh Kumar	In silico Screening of Lichen Compounds against SARS-COV-2 RdRp Complex	Indian Journal of Natural Sciences	2022, 13	41988-93	1.98	Google Scholar

DEPARTMENT OF BCA

S.No.	Name of Author(s) (Faculty Name in	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian
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	Bold)						Citation Index/Google Scholar
1.	Dr. K. Sumangala	Performance Analysis Of Image Compression Using SPIHT And MBT	Shodha Prabha, UGC Care Approved, Group I, Peer Reviewed and Referred Journal.	2022, 47	172- 176	-	UGC Care

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.	D.Hemalatha	A Perspective Review of Liver disorder detection using Image Processing, Machine Learning and Deep Learning Algorithms	Journal of Fundamental And Comparative Research	November 2022			UGC Care

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.	Santhoshkumar Muthu, Raja Selvaju, Monisha Sudhakar	Green seaweed, Ulva sp. a potential source of ingredients for feed formulation of Ornamental fishes	Journal of Research in Agriculture and Animal Science	2022,9	44-50	5.98	Google Scholar

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.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Dr. R. Maragathavalli	கம்பராமாயணத்தில் எதிர்மறைப் பெண் மாந்தர்கள்	காப்பியங்களிள் பெண்மாந்தர்கள்	2022 Valume:1	24-32		