

KONGUNADU ARTS AND SCIENCE COLLEGE (Autonomous)
Coimbatore - 641 029
Academic Year 2020 - 2021

Research Paper published by Faculty Members (International Journals):

Department of English (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.Shobha Ramasamy	A Bolt from the blue in Kaziro Ishiguro's The Remains of the day	Smart Moves Journal IJELLH, ISSN:2582-3574	Vol 8, Issue 11	96-105	----	Google Scholar
2.	Dr.M.K.Praseeda	Duryodhana as Herald of Class subversion in <i>Mahabharatha</i>	LangLit-An International Peer reviewed Journal, ISSN2349-	Special Issue	28-31	5.61	Google Scholar

			5189				
3.	Dr. Shobha Ramasamy, Sudha .R	From Dependence to Independence: Triumph of the Protagonists in Sister of my Heart and The Vine of Desire by Chitra Banerjee Divakaruni	Kala The journal of Indian Art History Congress(UGC Care Group I journal)	2021 , 27			
4.	Dr.S.P. Sasirekha	Despair Syndrome in Toni Morrison's Beloved	UGC Care Group-I journal	2021, 2	1	7.12	
5.	Dr. P. Chitra	The Concept of Evil inJane Austen's Pride and Prejudice	UGC Care Group-I journal	2021, 2	2	7.12	
6.	Dr. P. Chitra	Occult World: A Critical Analysis	UGC Care Group-I	2021, 2	3	7.12	

1.	Kokilavani. V and Visagapriya.S	On $Ng^{\#} \alpha$ Regular Space In Nano Topological Space,	International Journal Of Advanced Science And Technology	Vol.29, No.02, 2020	pp. 2061- 2066		Scopus
2.	Kokilavani. V and Visagapriya.S	A Note On Nano $g^{\#} \alpha$ closed Maps In Nano Topological Spaces	Advances in Mathematics : Scientific Jounal(AMSJ)	Vol: 9 (2020), no.2,	539-548		Scopus
3.	Kokilavani. V and Visagapriya.S	A New Class On $Ng^{\#} \alpha$ - Quotient Mappings In Nano Topological Spaces	Journal Of Scientific Research,	Vol: 12 (3) 2020	269-277		UGC Cartelist
4.	V.Kokilavani, S. Meena priyadarshini,	Separation axioms of mildly α -generalized Closed sets in topological spaces”	International Journal of Advanced Science and Technology	Vol. 29 (2020)	pp. 170- 176		Scopus
5.	V.Kokilavani, S. Meena priyadarshini	On mildly- α generalized homeomorphisms in topological spaces	International Journal of Advanced Science	Vol. 29 (2020)	Pp 184- 193.		Scopus

			and Technology				
6.	V. Kokilavani and S. Meena Priyadarshini	mildly α generalized closed sets and its closed mappings”	South East Asian J. of Mathematics and Mathematical Sciences	Vol. 16(2020)	pp. 75-88		UGC carelist
7.	V.Kokilavani and S. Meena Priyadarshini	c mæg continuous function in topological spaces	South East Asian J. of Mathematics and Mathematical Sciences	Vol. 16(2020)	pp. 15-22		UGC carelist
8.	M. Kalpana and D. Vijayalakshmi,	On b-coloring of Double Wheel graphs,	Journal of Advanced Research in Dynamical & Control Systems,	Vol. 11, 12-Current Issue, 2020			Scopus
9.	N. Nithya Devi and D. Vijayalakshmi	, On Achromatic number of Derivedl graph of Wheel graph families	Journal of Advanced Research in Dynamical & Control Systems,	Vol. 11, 12-Current Issue, 2020			Scopus
10.	G.Mohanappriya and D.Vijayalakshmi	, on degree based topological invariants and Zagreb polynomials of graph	ICCAM 2020				Scopus

	Advances in Applicable mathematics	constructions,					
11.	Sumati Kumari Panda, C Ravichandran, Bipan Hazarika	Results on system of Atangana–Baleanu fractional order Willis aneurysm and nonlinear singularly perturbed boundary value problems	Chaos, Solitons & Fractals	2020,	https://doi.org/10.1016/j.chaos.2020.110390 , 1-14	3.764	Scopus/ Web Science/ Science Citation Index
12.	Nisar KS. Gupta V, Jarad F, Valliammal N, Ravichandran C	Existence and uniqueness of solutions for fractional nonlinear hybrid impulsive system	Numerical Methods for Partial Differential Equations	2020,	https://doi.org/10.1002/num.22628 , 1-13	2.236	Scopus/ Web Science
13.	Nisar KS Logeswari K, Ravichandran C	Mathematical model for spreading of COVID19 virus with the Mittag–Leffler kernel	Numerical Methods for Partial Differential Equations	2020,	10.1002/num.22652, 1-16	2.236	Scopus/ Web Science

14.	K. Munusamy, C. Ravichandran,	Existence of solutions for some functional integrodifferential equations with nonlocal conditions	Mathematical Methods in the Applied Sciences	2020, 43(17)	10319-10331	1.626	Scopus/ Web Science
15.	Ashish Kumar, Harsh Vardhan Singh Chauhan, Chokkalingam Ravichandran, Kottakkaran Sooppy Nisar, Dumitru Baleanu	Existence of solutions of non-autonomous fractional differential equations with integral impulse condition	Advances in Difference Equations	2020, 2020(1)	1-14	1.510	Scopus
16.	E. Prakash, V. Radhamani, S. P. R. Priyalatha.	Determination of Earth's mass density distribution based on satellite data.	Advances in Mathematics: Scientific Journal	2020 (9)	7223-7233		Scopus
17.	E. Prakash, M. Mahalakshmi	Segmentation of cancer cell from an image	Journal of Mechanics of Continua and	2020(15)	42-47		-

			Mathematical Sciences.				
18.	P. Sathishmohan, U. Mehar Sudha, V. Rajendran and K. Rajalakshmi	On Igr^* -continuous functions in intuitionistic topological spaces	International Journal of future generation communication and networking	2020,13(3)	2351-2356	0.4	Web of Science
19.	P. Sathishmohan and U. Mehar Sudha	On Igr^* -closed sets in intuitionistic topological spaces	International Journal Advanced Science and Technology	2020,29(4)	505-512	0.41	Scopus
20.	P. Sathishmohan and L. Chinnapparaj	On almost contra θg^* -continuous functions in topological spaces	International Journal Advanced Science and Technology	2020,29(2)	2487-2495	0.41	Scopus
21.	L. Chinnapparaj and P. Sathishmohan	θg^* -regular and θg^* -normal spaces in topological spaces	Advances in Mathematics: Scientific Journal	2020,9(5)	2913-2921	1.372	Scopus

22.	P.K. Dhanasekaran, C. Vignesh Kumar, P. Sathishmohan and V. Rajendran	Some Normalities in forms of nano topological spaces	Advances in Mathematics: Scientific Journal	2020,9(5)	2945-2954	1.372	Scopus
23.	C. Vignesh Kumar, P. Sathishmohan and V. Rajendran	On nano semi pre irresolute functions in nano topological spaces	Advances in Mathematics: Scientific Journal	2020,9(5)	2931-2944	1.372	Scopus
24.	S.P.R. Priyalatha And Wadei. F. Al-Omeri	Multi Granulation On Nano Soft topological Space	Advances in Mathematics: Scientific Journal	2020, 9(10)	7711-7717	1.372	Scopus
25.	M. Lellis Thivagar, S. P. R. Priyalatha , And D. Evangeline	Approach On The Structure Of Nano Topology Via Graph	Advances in Mathematics: Scientific Journal	2020, 9(7)	4711-4720	1.372	Scopus

	Christina Lily						
26.	L. Vidyarani and M. Jesintha jebarani	On Intuitionistic Supra Pre Open Sets	Advances in Mathematics: Scientific Journal	9 (2020), no.2	619-625	1.372	Scopus
27.	L. Vidyarani and R. Padma priya	On frontier and exterior in intuitionistic supra α - closed set	Commun.Fac.Sci.U niv.Ank.Ser. A1 Math. Stat.	Volume 69, Number 2, 2020	1368.1376		Web of Science
28.	C.S. Gomathi, N. Mohanapriya and D. Dafik	r-Dynamic Coloring on Snark Families	Journal of Physics: Conference Series	1543 (2020) 012002 IOP Publishing doi:10.1088/1742-6596/1543/1/012002			Scopus
29.	V. Aparna and N.	On r-Dynamic Coloring of	Journal of Physics:	1543 (2020)			Scopus

	Mohanapriya	Neighborhood Corona of Path with Some graphs	Conference Series	012001 IOP Publishing doi:10.1088/1742-6596/1543/1/012001			
30.	S.Arjun Raj and M.Vigneshwaran	Analyzing Diabetes using Rough sets	Advances in Mathematics: Scientific Journal	Vol. 9, No.2, 2020	533-538		Scopus
31.	K.Damodharan and M.Vigneshwaran	$\delta^*g\alpha$ -closed sets in topological spaces	Advances in Mathematics: Scientific Journal	Vol. 9, No.3, 2020	807-817		Scopus
32.	K.Damodharan and M.Vigneshwaran	$N\delta^*g\alpha$ -closed sets in neutrosophic topological spaces	Advances in Mathematics: Scientific Journal	Vol. 9, No.3, 2020	819-829		Scopus
33.	S.Saranya, M.Vigneshwaran and S.Jafari	C# Application to deal with $g\alpha$ -closed sets in Neutrosophic topology	Applications and Applied Mathematics	Vol.15, Issue 1, 2020	226-239		ESCI-Web of Science

34.	M.Vigneshwaran , V.Kokilavani and R.Devi	View on $G\alpha G^*$ - homeomorphisms and $*G\alpha G$ - homeomorphisms and their properties	Journal of Statistics and Mathematical Engineering	Vol. 6, Issue 2, 2020	15-18		
35.	M.Vigneshwaran and M.Velmeenal	On regularly feebly generalized closed sets and its properties	Journal of Statistics and Mathematical Engineering	Vol. 6, Issue 3, 2020	1-9		
36.	K.Geetha and M.Vigneshwaran	Nano p^*g -Continuous Functions in Nano Topological Spaces	Journal of Statistics and Mathematical Engineering	Vol. 6, Issue 3, 2020	20-23		
37.	K.Damodharan, M.Vigneshwaran	$N\delta^*g\alpha$ -continuous and irresolute functions in Neutrosophic topological spaces	Neutrosophic Sets and Systems	Vol. 38, 2020	439-452		Scopus
38.	M.Vigneshwaran and T.Santhiya	An Analysis of ψ^*rs – Closed Sets and ψ^*rs – Continuous Functions in Topological Spaces	Journal of Statistics and Mathematical Engineering	Vol. 6, Issue 3, 2020	24-31		
39.	A Rohini, M	Irregular colorings of friendship graph families	Journal of Discrete Mathematical Sciences and	2020 https://doi.	913-924		Scopus

	Venkatachalam		Cryptography	org/10.1080/09720529.2020.1714883			
40.	R Adawiyah, R Alfarisi, RM Prihandini, IH Agustin, M Venkatachalam	The local edge metric dimension of graph	Journal of Physics: Conference Series	1543 (1)	012009		Scopus
41.	JV Vivin, N Mohanapriya, J Kok, M Venkatachalam	On dynamic coloring of certain cycle-related graphs	Arabian Journal of Mathematics	9 (1)	213-221		Scopus
42.	A Rohini, M Venkatachalam, R Sangamithra	Irregular colorings of derived graphs of flower graph	SeMA Journal	77 (1)	47-57		
43.	K Rajalakshmi, M	Packing Coloring Of Some Product Of Complete Graphs	Annales Univ. Sci. Budapest., Sect.	63	53-65		

	Venkatachalam, Dafik, M Barani		Math.				
44.	T Deepa, R M Falcón, M Venkatachalam	On the r-dynamic coloring of the direct product of a path with either a complete graph or a wheel graph	AIMS Mathematics	6 (2)	1470– 1496	0.889	Scopus SCIE
45.	I H Agustin, M I Utoyo, Dafik, M Venkatachalam, Surahmat	On the Construction of the Reflexive Vertex k-Labeling of Any Graph with Pendant Vertex	International Journal of Mathematics and Mathematical Sciences	7812812 (1)	1-8		Scopus
46.	Tita Khalis Maryati, Khamida Siti Nur Atiqoh, Rosanita Nisviasari, Ika Hesti Agustin, Dafik, M.	The Construction of Block Cipher Encryption Key By Using A Local Super Antimagic Total Face Coloring	Advances in Mathematics: Scientific Journal	9 (3),	1349– 1362		Scopus

	Venkatachalam						
47.	AI Kristiana, G Nandini, M Venkatachalam, M I Utoyo, S Gowri	On r-Dynamic Coloring of the Family of Tadpole Graphs	Ars Combinatoria		109--122		SCIE
48.	M Barani, M Venkatachalam, K Rajalakshmi	On Equitable Coloring of Book Graph Families	Commun. Fac. Sci. Univ. Ank. Ser. A1 Math. Stat.	69 (2)	234--240		ESCI UGC
49.	T Deepa, M Venkatachalam, RM Falcón	On the r-dynamic coloring of the direct product of a path with either a path or a cycle	AIMS Mathematics	5 (6)	6496- 6520		Scopus SCIE

50.	Dafik, K Praveena, M Venkatachalam, I H Agustin	Equitable Coloring of Jump Graph of Graphs	Advances in Mathematics: Scientific Journal	9 (3)	1009- 1017		Scopus
51.	Dafik, K Praveena, M Venkatachalam, R Alfarisi	Equitable Coloring Of Derived Graph Of Graphs	Advances in Mathematics: Scientific Journal	9 (3)	909-919		Scopus
52.	I H Agustin, D Imam Utoyo, M Venkatachalam	Edge irregular reflexive labeling of some tree graphs	Journal of Physics: Conference Series	1543	012008		Scopus
53.	M Venkatachalam, M Vinitha, Dafik	On B-Chromatic Number Of Theta Graph Families	Advances in Mathematics: Scientific Journal	9 (2)	643-650		Scopus

54.	K Rajalakshmi, M Venkatachalam, M Barani, Dafik	Packing Coloring on Subdivision-Vertex And Subdivision-Edge Join Of Cycle C_m With Path P_n	Advances in Mathematics: Scientific Journal	9 (2)	627-634		Scopus
55.	G Nandini, M Venkatachalam, R M Falcón	On the r-dynamic coloring of subdivision-edge coronas of a path	AIMS Mathematics	5 (5)	4546- 4562		Scopus SCIE
56.	A Rohini, M Venkatachalam, Dafik	On Irregular Coloring of Some Generalised Graphs	Advanced Studies in Contemporary Mathematics	30 (1)	99 - 120		Scopus
57.	A Rohini, M Venkatachalam	Operations of Single Valued Neutrosophic Coloring	Neutrosophic Sets and Systems	31 (1)	13		Scopus

58.	M. Vivek Prabu, S. Kothai, M. Rahini	Fundamental Analysis of Banking Sectors	Kongunadu Research Journal	Vol 7, No 2 (2020)	143 – 148		Google Scholar
59.	J. Christy Jenifer #1, V. Kokilavani	On #Generalized \mathbb{b} - closed sets in Topological Spaces	Strad Research	VOLUME 8, ISSUE 3, 2021	47-54	-	
60.	K.Damodharan, M.Vigneshwaran and Samer Al Ghour	$N\delta$ -continuity in Neutrosophic topological spaces	Poincare Journal of Analysis and Applications	Vol.8, 1(1), (2021)	139-146	-	-
61.	F.Smarandache, A.R.Nivetha and M.Vigneshwaran	On $N^*g\alpha$ - closed set in Neutropsohic Topological spaces	Poincare Journal of Analysis and Applications	Vol.8, 1(1), (2021)	195-200	-	-
62.	Nadia M.Ali Abbas, Shuker Mohamood Khalil and M.Vigneshwaran	The Neutrosophic strongly open maps in neutrosophic bi-topological spaces	Journal of Interdisciplinary Mathematics	Vol.24, Issue 3	667-675	-	Scopus
63.	A. R. Nivetha, M. Vigneshwaran, Nadia M. Ali	On $N^*g\alpha$ - continuous in topological spaces of neutrosophy	Journal of Interdisciplinary Mathematics	Vol.24, Issue 3	677-685	-	Scopus

	Abbas & Shuker Mahmood Khalil						
64.	S.Gowri, M. Venkatachalam, Vishnu Narayan Mishra and Lakshmi Narayan Mishra	On r-dynamic Coloring of Double Star Graph Families	Palestine Journal of Mathematics	10(1)(2021)	53-62	-	Scopus
65.	T. Deepa M. Venkatachalam Dafik	On r-Dynamic Coloring of the Gear graph families	Proyecciones (Antofagasta)	vol.40 no.1 2021	1-15		Scopus
66.	K. Kavitha V. Vijayakumar R. Udhayakumar C. Ravichandran	Results on controllability of Hilfer fractional differential equations with infinite delay via measures of noncompactness	Asian Journal of Control [Q1 Rank-Wiley Publications]	(2021) DOI: 10.1002/as jc.2549	1-10.	2.779	SCIE, Scopus
67.	Kottakkaran Soopy Nisar, K.	An analysis of controllability results for nonlinear Hilfer	Chaos, Solitons &	(2021) 146	1-10.	3.764	

	Jothimani, K. Kaliraj, C. Ravichandran	neutral fractional derivatives with non-dense domain	Fractals [Q1 Rank--Elsevier Publications]				SCI, Scopus
68.	SK Panda, C.Ravichandran, Bipan Hazarika	Results on system of Atangana–Baleanu fractional order Willis aneurysm and nonlinear singularly perturbed boundary value problems	Chaos, Solitons & Fractals [Q1 Rank--Elsevier Publications]	(2021) 142	1-14.	3.764	SCI, Scopus
69.	V.Vijayakumar, C.Ravichandran, Kishore D.Kucche, K.S.Nisar	New discussion on approximate controllability results for fractional Sobolev type Volterra-Fredholm integro-differential systems of order $1 < r < 2$	Numerical Methods for Partial Differential Equations [Q1 Rank- -Wiley Publications]	2021 DOI: 10.1002/num.22772	1-19.	2.236	SCIE, Scopus
70.	M. Vivek Prabu, R.Karthika	Impact of Lockdown in the FMCG sector of the Indian Stock Market – Analysis using Statistical Methods	Turkish Journal of Computer and Mathematics Education (TURCOMAT)	Vol.12No.1 S (2021)	647-654		Scopus

71.	P. Sathishmohan, K. Lavanya and U. Mehar Sudha	On b-gs-closed and b-sg-closed sets in binary topological spaces	Strad Research	Vol. 8 No. 3 2021	20-24		
72.	P. Sathishmohan, V. Rajendran, K. Lavanya and K. Rajalakshmi	On b-gs(b-sg)-closure and b-gs(b-sg)-interior of a sets in binary topological spaces	Gedrag and Organisatie Review	Vol. 34 No. 1 2021	359-366		
73.	C.S.Gomathi, N.Mohanapriya, Arika Indah Kristina and Dafik	On r-Dynamic vertex coloring of some flower graph families	Discrete Mathematics, Algorithms and Applications	https://doi.org/10.1142/S179383092150097X		0.58	Scopus/ Google Scholar/ H-Index- 3/ SJR- 0.348

Department of Physics

S.	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
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							Citation Index/Google Scholar
1.	R. Sengodan and B. Chandar Shekar	Optical properties of strontium doped BaTiO ₃ thin films by thermal evaporation method for optoelectronic devices	Journal of optoelectronics and advanced materials	(2020), 22(5-6)	280	0.631	Web of Science - Science Citation Index Expanded
2.	H.R. Pratheep, V. Vadivelan B. Chandar Shekar	Literature survey of holographic interferometry.	International Journal of Scientific & Engineering Research	2020, 11(9)	826	4.4	Index Copernicus, Cross ref., NASA Astrophysics Data system, DOAJ
3.	N.Manivannan , B.Chandar Shekar , P.Matheswaran ,	Induced ferromagnetic behavior of Cr doped ZnS nano particles.	Materials today Proceedings	https://doi.org/10.1016/j.matpr.2020 .	7	1.3 (CiteScore)	Scopus, INSPEC, Conference

	M.Mohammed Ibrahim, C.K.Senthil Kumaran			07.185			proceedings Citation Index
4.	N. Kamatchi Devi B. Chandar Shekar	Preparation and characterization of anatase phase TiO ₂ nanoparticles at low temperature	International Journal of Advances in Engineering and Management (IJAEM)	(2020), 2	254	7.429	Google Scholar, African Quality centre for Journals (AQCJ)
5.	P.Karthick, K.Saravanakumar, C.Sanjeeviraja, K.Jeyadheepan	Realization of highly conducting and transparent SnO ₂ thin films by optimizing F/Sn molar ratio for electrochemical applications	Thin Solid Films	(2020), 713	138362	1.67	Web of Science/ SCI-E
6.	S. Bhuvaneshwari, M. Seetha, J.	High Photo responsive p-Si/n-In ₂ O ₃ Junction Diodes with Low Ideality Factor	Journal of Inorganic and Organometallic	(2020), 1-17	DOI 10.1007/s10904	1.67	Web of Science/

	Chandrasekaran and R. Marnadu	Prepared Using Closely Packed Octahedral Structured In ₂ O ₃ Thin Films	Polymers and Materials		-020-01663-x		SCI-E
7.	M. Pandian P. Matheswaran B.Gokul, R. Sathyamoorthy M. Ramcharan, Chung-Li Dong, K. Asokan	Enhancement of thermoelectric performance of n-type In ₂ (Te _{0.94} Se _{0.06}) ₃ thin films by electronic excitations	Applied Surface Science	(2020)	https://doi.org/10.1016/j.apsusc.2019.144115	6.182	SCI
8.	N. Senthil Kumar, J. H. Chang, MonShu Ho, Babu Balraj,S. Chandrasekar, B. Mohanbabu,	Impact of Zn ²⁺ Doping on the Structural, Morphological and Photodiode Properties of V ₂ O ₅ Nanorods	Journal of Inorganic and Organometallic Polymers and Materials	(2020)	https://doi.org/10.1007/s10904-020-01751-y	1.67	Web of Science/ SCI-E

	M. Gowtham, Donghui Guo K. Mohanraj						
9.	Immanuel Paulraj, G. Senguttuvan, Jih-Hsing Chang, K. Mohanraj, N. Senthil Kumar	Effect of Cr doping on Mn3O4 thin films for high performance Supercapacitors	Journal of Materials Science: Materials in Electronics	(2020)	Accepted	2.2	Science Citation Index
10.	S. Thangabalu, N.Senthil Kumar, T. Usha devi, S.Selvi, J.H.Chang, K.Mohanraj,	Impact of substrate temperature on the properties of Yttrium oxide thin films prepared by nebulizer spray pyrolysis technique.	Materials Today: Proceedings	https://doi.org/10.1016/j.matpr.2020.07.071	-	0.576	SCI
11.	B Ranjithkumar, H.B Ramalingam, E.Ranjith Kumar, Ch Srinivas, G Magesh, C Sharmila Rahale, Nashwa M El-Metwaly,	Natural fuels (Honey and Cow urine) assisted combustion synthesis of zinc oxide nanoparticles for antimicrobial activities	Ceramics International	2021, 47 (10)	14475-14481	3.83	Scopus, Web of Science, SCI

	B.Chandar Shekar						
12.	N.Manivannan, B.Chandar Shekar ,C.K.Senthil Kumaran, P.Mat heswaran , B.Gokul , M.Mohammed Ibrahim	Room temperature synthesis and Structural, opto-Luminescence, magnetic behavioral variations of Mn doping on ZnS hybrid nanoparticles by chemical	Materials Today: Proceedings.	https://doi.org/10.1016/j.matpr.2021.02.325		0.97	Scopus, Web of Science. SCI
13.	S.Bhuvaneswari, M.Seetha , J.Chandrasekaran, R.Marnadu, YoshitakeMasuda, Omar M.Aldossary, Mohd Ubaidullah	junction diodes for optoelectronic device applications	Surfaces and Interfaces	Volume 23, April 2021	100992	3.72	Scopus, Web of Science. SCI
14.	Immanuel Paulraj, G. Senguttuvan, Jih-Hsing Chang, K. Mohanraj, N. Senthil Kumar	Effect of Cr doping on Mn ₃ O ₄ thin films for high performance Supercapacitors	Journal of Materials Science: Materials in Electronics	2021, Volume 32 10.1007/s10854-020-05118-4	3732-3742	2.20	SCImago SCOPUS Science Citation Index (SCI)
15.	K. Mohanraja, E. Shobana,	Investigations on the	Materials	2021,	1-4	0.576	Scop

J.H. Changa, Mon-Shu Ho, B. Babu, S. Chandrasekar, M. Gowtham, N. Senthil Kumar, N. Jhansi, D.Balasubra maniya m	surface,thermo-electrical and mechanical properties of ZBG crystal for optoelectronics applications	Today: Proceedings	Volume xxx https://doi.org/10.1016/j.matpr.2021.02.779			us Confe rence Procee dings Citatio nIndex INSPEC
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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/We b Science/Ind ian Citation Index/Goog le Scholar
1	V. Sangeetha	Experimental Crystal Structure Determination,	CCDC- Database of chemical	2020, DOI: 10.5517/ccdc.cs d.cc1zy0kh		ISSN number: 2631-	Google scholar

			compound structures			9888)	
2	V .Ramya, V. Sangeetha	Synthesis, Characterization and Antimicrobial Evaluation of Pyrimido Cyclohept[B] Indole Derivatives	Der Pharma Chemica	11,2019	27-31	0.32	Google scholar
3	Tamilarasan B, Sangeetha V	Synthesis and biological evaluation of SubstitutedPyrimido and Pyrazolinocycloocta[b]indoles	Research Journal of Chemistry and Environm ent	22 (11) 2018	38-45	0.636	Google scholar

4	N. Anjuthaprapha, R. Manimekalai	Synthesis, textural and magnetic properties of doped and undoped CuO nanoparticles	Journal of coordination Chemistry	72, 2019	3 - 101	1.685	Google scholar
5	K. Vasuki, R. Manimekalai	NIR light active ternary modified ZnO nanocomposites for combined cancer therapy	Heliyon	5, 2019	1-7	0.62	Google scholar
6	O. Raina, R. Manimekalai	Photocatalysis of cobalt zinc ferrite nanorods under solar light	Research on chemical intermediates	18, 2018	1-11	1.04	Google scholar
7	A. Amuthavalli, B. Prakash, R.	Synthesis, Molecular docking, Antibacterial,	Synthetic communic	50,2020	1176-1189	1.796	Scopus

	Thirugnanasampandan, M. Gokulramnath, G. Bhuvaneshwari, R. Velmurugan	Antioxdant, and cytotoxicity activities of novel pyrido cyclopenta[b]indole analogs	ations				
8.	J. Rini, M. P. Deepthi, K. Saminathan et. al.,	Recovery and vermicompost production from livestock solid wastes with epigeic earthworms	Bioresource Technology	2020, 313	123690	7.539	Elsevier
9.	Madathil Peedika Deepthi, Palanisamy Kathireswari, Joseph Rini, Kulandaivel Saminathan et. al.,	Vermi transformation of monogastric Elephas maximus and ruminant Bos taurus excrements into vermicompost using Eudrilus eugeniae		2021, 320	124302	7.539	Elsevier

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1.	Jayanthi, E., Anusuya, M., Anusuya, R., Thenmozhi, K., Nagaveni, A. and NSP. Bhuvanesh	Synthesis, structure and antioxidant activity of mixed Ruthenium (III) Benzoyl Pyridine complex.	Asian Journal of Chemistry	2020, 32 (3)	641-645	-	Scopus
2.	Xien Chen, Jinmo Koo, Dhandapani Gurusamy, Kanakachari Mogilicherla & Subba Reddy Palli	<i>Caenorhabditis elegans</i> systemic RNA interference defective protein 1 enhances RNAi efficiency in a lepidopteran insect, the fall armyworm, in a tissue-specific manner	RNA Biology	2020, Nov 9	1-9	5.350	SCI-E
3.	Xien Chen, Shankar C.R.R. Chereddy, Dhandapani Gurusamy, Subba Reddy	Identification and characterization of highly active promoters from the fall armyworm, <i>Spodoptera frugiperda</i>	Insect Biochemistry and Molecular Biology 126:103455.	2020, Nov 126	103455	3.827	SCI-E

	Palli						
4.	Baddar ZE, Gurusamy D, Laisney J, Tripathi P, Palli SR, Unrine JM	A polymer-coated hydroxyapatite nanocarrier for double-stranded RNA delivery.	Journal of Agriculture and Food Chemistry	2020, 68 (25)	6811-6818	4.192	SCI-E
5.	Laisney J, Gurusamy D, Baddar ZE, Palli SR, Unrine JM	RNAi in <i>Spodoptera frugiperda</i> Sf9 Cells via Nanomaterial Mediated Delivery of dsRNA: A Comparison of Poly-l-arginine Polyplexes and Poly-l-arginine-Functionalized Au Nanoparticles	ACS Applied Materials and Interfaces	2020, 12 (23)	25645-25657	8.758	SCI-E
6.	Gurusamy D, Howell JL, Chereddy SCRR, Koo J, Palli SR	Transport of orally delivered dsRNA in southern green stink bug, <i>Nezara viridula</i> .	Archives of Insect Biochemistry and Physiology	2020;104	e21692	1.536	SCI-E
7.	Chereddy SCRR*, Gurusamy D*,	Double-stranded RNAs targeting inhibitor of apoptosis gene show no	Archives of Insect Biochemistry	2020;104	e21683	1.536	SCI-E

	Howell JL, Palli	significant cross-species activity	and Physiology				
8.	Howell JL, Mogilicherla K, Gurusamy D, Palli SR	Development of RNAi methods to control the harlequin bug, <i>Murgantia histrionica</i>	Archives of Insect Biochemistry and Physiology	2020;104	e21690	1.536	SCI-E
9.	Gurusamy D, Mogilicherla K, Shukla JN, Palli SR	Lipids help double-stranded RNA in endosomal escape and improve RNA interference in the fall armyworm, <i>Spodoptera frugiperda</i> .	Archives of Insect Biochemistry and Physiology	2020;104	e21678	1.536	SCI-E
10.	Gurusamy D, Mogilicherla K, Palli SR	Chitosan nanoparticles help double-stranded RNA escape from endosomes and improve RNA interference in the fall armyworm, <i>Spodoptera frugiperda</i>	Archives of Insect Biochemistry and Physiology	2020;104	e21677	1.536	SCI-E
11.	Sowndhararajan, K., Kim, J.H., Song, J.E., Kim,	Chemical components of male and female flowers of <i>Schisandra chinensis</i>	Biochemical Systematics and Ecology	2020, 92	104121	1.085	Web of Science

	M. and Kim, S.						
12.	Rekka Raja, Nirubama Kumar and Moorthy Duraisamy	Potential of ethnobotanical medicinal plants used by Malayali tribes in Yercaud hills, Eastern ghats of Tamil Nadu, India.	Journal of Applied and Natural Science	2020, 12 (4)	560- 567		Scopus
13.	Aiswarya S. Nair and D. Moorthy	Identification of potential compounds through GC-MS analysis from the ethanolic extracts of the tubers of <i>Arisaema leschenaultii</i> BLUME.	World Journal of Pharmacy and Pharmaceutical Sciences	2020, 9 (7)	1615- 1621		Google scholar
14.	Yang, X., Cheng, J., Yao, B., Lu, H., Zhang, Y., Xu, J., Song, X., Sowndhararajan, K., Qiang, S.	Polyploidy-promoted phenolic metabolism confers the increased competitive ability of <i>Solidago canadensis</i>	Oikos	April, 2021	Early view - online	3.370	Web of Science - SCIE

15.	Deepa, P., Sowndhararajan, K., Park, S.J.	Polyphenolic Contents and Antioxidant Activity of Brassicaceae Sprouts Cultivated in the Plant Factory System	Journal of Agricultural, Life and Environmental Sciences	2020, 32	321-331	-	Korea Citation Index
16.	Dhandapani Gurusamy., Jefrey L. Howell., Shankar C. R. R. Chereddy., Kanakachari Mogilicherla., Subba Reddy Palli	Improving RNA interference in the southern green stink bug, <i>Nezara viridula</i>	Journal of Pest Science	2021	(Published online on 09 March, 2021	4.578	Web of Science/ SEI-E
17.	Venkatachalam Balamurugan., Palanisamy Karthika., Gurusamy Dhandapani., Kumarasamy Pradeepa	Plant regeneration from direct organogenesis of <i>Pandanus canaranus</i> Warb.an endemic medicinal plant	Vegetos	2021	Accepted on 19th April, 2021	-	Scopus

	Veerakumari, Krishnan Vasanth						
18.	Ramesh Kumar Dhandapani, Dhandapani Gurusamy., Subba Reddy Palli	Development of catechin, poly-L-lysine and double- stranded RNA nanoparticles	ACS Applied Bio Materials	2021	Accepted on 21st April, 2021	2.57	Web of Science/ Emergin g Sources Citation Index

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/W eb Science/I ndian Citation Index/Go ogle Scholar
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1.	Dr.P.Kathireswari, Deepthi M.P	Influence of Elephant Dung on Fecundity And Growth Rate of Earthworm <i>Eudrilus eugeniae</i>	Journal of Experiment al Biology and Agricultura l Sciences	January 2020 Vol. 7(6)	587-592, ISSN: 2320- 8694.	0.1	Scopus
2.	Rini Joseph, Deepthi Madathil Peedika, Kulandaivel Saminathan, Ramasamy Thangavelu Narendhirakannan, Natchimuthu Karmegam, Palanisamy Kathireswari.	Nutrient recovery and vermicompost production from livestock solid wastes of indigenous and exotic cow breeds with epigeic earthworms.	<i>Elsevier Bioresource Technology</i>	<i>313(2020) 123690</i>	-	7.539	Scopus
3.	Rini Joseph., Deepthi M.P., Kathireswari. P and Saminathan. K.,	Comparative analysis on bioactive compounds presents in dung material of <i>Bos taurus</i> and <i>Bos indicus</i> .	<i>Materials today proceedings</i>	2020	-	0.304	
4.	Deepthi M. P, Rini Joseph, K.	Chemical Foot Print of Precomposted	<i>Materials today</i>	2020	-	0.304	Scopus

	Saminathan and P. Kathiresawari,	Dung material of <i>Elephas maximus</i> and <i>Bos taurus</i> through GCMS Profile.	<i>proceedings</i>				
5.	Kandeeban Rajagopalan, K.Revathi, B.Revathi, S.Vishalee, Manoj Kumar, Khalid Mujasam Batoo, Kulandaivel Saminathan, P. Kathiresawari,	Microwave assisted synthesis and characterization of Al ₂ O ₃	<i>Materials today proceedings</i>	2020	-	0.304	Scopus
6.	R. Christy Shaila, P. Kathireswari, K. Saminathan;	Expression pattern of Beta Defensin-3 in the small intestine of Zebra Fish <i>Danio Rerio</i> .	International Journal of Pharmaceutical Sciences and Research	2020; Vol. 11(12): DOI: 10.13040/IJP SR.0975-8232.	5870-5874.	1.230	Web of science ESCI Indexed Journal.
7.	Madathil Peedika Deepthi, Sundaram Nivethitha, Kulandaivel Saminathan,	Effect of vermiwash prepared from livestock biowaste as vermiponics medium on the growth and	Environmental Technology & Innovation	21 - 101300. DOI: 10.1016/j.eti.2020.101300.	2021	3.356	Scopus

	Ramasamy Thagavelu Narendhirakannan, Natchimuthu Karmegam, Palanisamy Kathireswari.	biochemical indices of <i>Amaranthus viridis</i> L.	Elsevier.				
8.	Madathil Peedika Deepthi, Palanisamy Kathireswari, Joseph Rini, Kulandaivel Saminathan, Natchimuthu Karmegam	Vermi transformation of monogastric <i>Elephas maximus</i> and ruminant <i>Bos taurus</i> excrements into vermicompost using <i>Eudrilus eugeniae</i> .	<i>Elsevier Bioresource Technology</i>	320 (2021) 124302	-	7.539	Scopus
9.	Dr. V. Meiyalagan	Identification of bacterial species from injured cuticle of mud crab, <i>Scylla serrata</i> .	International Journal of Zoology and Animal Biology	2020 3(4)	1-8	-	Google scholar
10.	Sivakumar Rajeshkumar, Yang Liu, and Xiaoyu Li,	Seasonal Variation of Mercury (Hg) in Fish Species, Water and Sediment from the Meiliang Bay of Taihu Lake, China.	Austin J Environ Toxicol	2020.	Volume 6 Issue 1, 1032	1.2	Google scholar

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11.	Manjula Duraisamy and Raja Selvaraju	Analysis of chemical compounds by using gas chromatography and mass spectrum analysis, in vitro antioxidant and antibacterial activity of methanolic extracts of seaweed <i>Ulva flexuosa wulfen</i> (green algae).	Aegaeum journal	2020	Volume 8, Issue 10	-	UGC Care list
12.	Sreedhanya babu, Raja Selvaraju & Manjula Duraisamy	Anesthetic properties and fourier transform infrared spectroscopy analysis of different solvent extraction of <i>Acorus calamus</i> l. on <i>Amatitlania nigrofasciata</i> fish.	Aegaeum journal.	2020	Volume 8, Issue 10		UGC Care list
13.	Adithya Krishna Anand, Raja Selvaraju & Manjula Duraisamy	Anesthetic properties and fourier transform infrared	Aegaeum journal.	2020	Volume 8, Issue 10		UGC Care list

		spectroscopy analysis of methanolic flower extract of <i>Lawsonia inermis</i> on <i>Xiphophorus helleri</i> fish.					
14.	Manjula Duraisamy and Raja Selvaraju..	Analysis of bioactive compounds by gas chromatography - mass spectrum and anti-bacterial activity of <i>Zonaria crenata</i> .	Aegaeum journal.	2020	Volume 8, Issue 10.		UGC Care list
15.	Manjula Duraisamy and Raja Selvaraju.	Biochemical, mineral analysis and anti-oxidant activity of <i>Zonaria crenata</i> agardh (brown alga).	Aegaeum journal.	2020	Volume 8, Issue 10.		UGC Care list
16.	Dr. K.Velmurugan	Effects of Artificial Photoperiod on the body colouration in the ornamental fish <i>Poecilia Sphenops</i> .	Kongunadu Research Journal	MAY 2020 (Volume 7: Issue 1)	69-75	---	Google scholar
17.	Dr. K.Velmurugan	Trends in the extraction, purification, characterisation and biological activities	Carbohydrate Polymers (ELSEVIER	JUNE 2020 (Volume 238)	---	Impact Factor: 6.2	Scopus Indexed

		of polysaccharides from tropical and sub-tropical fruits - A comprehensive review.)				
18.	Dr. K.Velmurugan	The strange case of BCG and Covid-19: The verdict is still up in the air - A Perspective article	Vaccines (MDPI)	OCTOBER 2020 (8,612)	1-9	Impact Factor: 4.086	Scopus Indexed
19.	Dr. C.SHOBANA Chellappan Shobana, Basuvannan Rangasamy, Devan Hemalatha, Mathan Ramesh	Bioaccumulation of silver and its effects on biochemical parameters and histological alterations in an Indian major carp Labeo rohita	Ecotoxicology and Environmental chemistry (Elsevier)	2020	October 2020 https://doi.org/10.1016/j.eneco.2020.10.006		Others
20.	M.Mohan kumar Dr.S.Binu Kumari E.Kavitha B.Velmurugan S.Kartikeyan	Spectral profile index changes as biomarker of toxicity in Catla catla (Hamilton,1822) edible fish studied using FTIR and principle component	Springer Nature (SN Applied Sciences)	2020	2:1233		UGC Care list

		analysis					
21.	Dr.P.Kathireswari	Vermi transformation of monogastric <i>Elephas maximus</i> and ruminant <i>Bos taurus</i> excrements into vermicompost using <i>Eudrilus eugeniae</i> .	<i>Elsevier Bioresource Technology</i>	(2021) 124302	320	7.539	Scopus
22.	Madathil Peedika Deepthi, Sundaram Nivethitha, Kulandaivel Saminathan, Ramasamy Thagavelu Narendhirakannan, Natchimuthu Karmegam, Palanisamy Kathireswari.	Effect of vermiwash prepared from livestock biowaste as vermiponics medium on the growth and biochemical indices of <i>Amaranthus viridis</i> L.	Environmental Technology & Innovation Elsevier.	21 (2021)	101300. DOI: 10.1016/ j.eti.2020 .101300.	3.356,	scopus.
23.	C.Shobana, B.Rangasamy, D.Hemalatha,M.Ram	Bioaccumulation of silver and its effect on biochemical parameters and	Environmental chemistry and	2021, volume 3	51-58	-	Google Scholar

	esh	histological alterations in an Indian major carp Labeo rohita	Ecotoxicology				
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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.	Dr. Narendhirakannan R.T,	Nutrient recovery and vermicompost production from livestock solid wastes with epigeic earthworms.	Bioresource Technology	313: 2020.	123690	7.539	Web of Science, Scopus, Google Scholar
2.	Dr. K. Nirubama	Analysis of Diplocyclos palmatus plant biomaterials (proteins) using in silico approach and	Materials Proceedings	Available online only 2020	-	0.57	Scopus, Google Scholar

		homology modeling					
3.	Dr. Narendhirakannan R.T	Toxicity of Zinc oxide nanoparticles on human skin dermal Cells	Journal of Experimental Biology and Agricultural Sciences	2021 Volume 9	S95 – S100	-	Scopus, Google Scholar indexed

Department of Computer Science (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.A.Kavitha K.Manimekalai	Deep Learning Methods in Classification of Myocardial Infarction by employing ECG Signals	Indian Journal of Science & Technology	August 2020	2823- 2832	0.600	Web of Science
2.	Dr.A.Kavitha	Advanced Chamfer Distance Based		UGC	ISSN: 0474-		UGC Care List

	A.Nithya	Multidimensional Scaling (Acmdms) Algorithm And Distributed 3-D Localization In Wireless Sensor Networks (Wsns)	Our Heritage	CARE Journal	9030142-157 Volume 68, Issue 19, January 2020	6.8	
3.	Dr.A.Kavitha A.Nithya	Node Weight Swallow Swarm Optimization Convex Node Segmentation (Nws2cns) Algorithm for Distributed 3-D Localization In Wireless Sensor Networks (Wsns)	International Journal of Scientific & technology Research	Scopus	Volume 9, Issue 2, February 2020 ISSN 2277-8616 5130-5137	7.466	5130-5137

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 Scholar
1.	Dr.S.Punitha Devi	A study on performance of foreign direct investment in various sectors of India”	IJMER is Peer Reviewed Journal and UGC approved Journal: Serial No: 41602(2017)with ISSN: 2277-7881 .	Volume: 9, Issue: 10, October 2020		Impact Factor 6.514 (2020),	JISRAF Index Copernicus Value 5.16 & International Scientific Indexing Value: 2.286
		A study on performance of external debt in India,	International Journal of Creative Research Thoughts, 7.97 Impact factor,			7.97 Impact factor	Refereed Journal, Peer Journal and Indexed Journal (ISSN: 2320-2882).
2.	Mrs.K.Subashini	A study on The Factors Inflencing Cause	Published in AUT AUT Research Journal	Voulme XI, Issue XI,	(ISSN No: 0005 – 0601, Pg No: 60-65)		

		Related Marketing in Selected Respondents in Coimbatore City.		NOV 2020			
		A Study on Consumer Level Awareness of Cause Related Marketing Products in Selected FMCG Companies.	Published in GIS Science Journal	Volume 7, Issue II, NOV 2020	(ISSN No: 1869 – 9391), Pg No: 271 – 280.		

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
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1.	Dr.A.Hema	A Unified Variable Neighborhood search -based feature selection and Intritionistic Fuzzy inference system for Attention Deficit Hyperactivity Disorder Prediction among School Childrens	Alochana Chakra Journal	Volume-IX, Issue-VI, JUNE 2020	5560-5570	6.3	UGC -CARE GROUP-1 JOURNAL
2.	Dr.A.Hema	A Chaotic Lion Optimization Based Unsupervised Learning for Detection of Alzheimer Disease in Earlier Stages	Alochana Chakra Journal	Volume-IX, Issue-VI, JUNE 2020	5551 - 559	6.3	UGC -CARE GROUP-1 JOURNAL
3.	M.Lalithambigai	A Unified Variable Neighborhood search -based	Alochana Chakra Journal	Volume-IX, Issue-VI, JUNE	5560-5570	6.3	UGC -CARE GROUP-1

		feature selection and Intritionistic Fuzzy inference system for Attention Deficit Hyperactivity Disorder Prediction among School Childrens		2020			JOURNAL
4.	K.Yemuna Rane	A Chaotic Lion Optimization Based Unsupervised Learning for Detection of Alzheimer Disease in Earlier Stages	Alochana Chakra Journal	Volume-IX, Issue-VI, JUNE 2020	5551 - 559	6.3	UGC -CARE GROUP-1 JOURNAL
5.	Dr.K.A.Jayabalaji	Data Analysis And Patent Big Data Analysis In Technology Management Using R Data	Sambodhi Journal	Vol-43) October-December (2020)	---	5.80	UGC -CARE JOURNAL

		Language					
6.	Dr.K.A.Jayabalaji	Survey of Intrusion Detection Systems: Methodologies, Deployment and Challenges	Sambodhi Journal	Vol-44) October-December (2020)	--	5.80	UGC -CARE JOURNAL
7	Dr.A.Hema	A Survey on Diabetes and Heart Disease Prediction using DataMining Techniques	International journal of creative Research Thoughts	April 2021, Volume 9	2027-2029	7.97	Google Scholar
8	Dr.A.Hema	A Survey on Esophageal Adenocarcinoma Detection of Diagnosis using Deep Learning Traditional methods and Image mining	International journal of creative Research Thoughts	April 2021, Volume 9	2542-2545	7.97	Google Scholar
9	Dr.K.A.Jayabalaji	Enhancing the stability of	International Journal of	February 2021,	1005-1013	6.2	WebScience

		underwater wireless sensor networks using firefly swarm intelligence Approach	Modern Agriculture	Volume 10			
10	Dr.K.A.Jayabalaji	Secure Routing Protocol for AdHoc Networks Using Datagram Transmission Protocol with Reduced Energy Consumption	Journal of Huazhong University of Sciece and Technology	April 2021, Volume 50	1- 15	-	Scopus
11	Dr.A.Muthuchudar	-	International Journal of Modern Agriculture	February 2021, Volume 10	1005-1013	-	WebScience

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
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							Index/Google Scholar
1.	Bhargavi S, S R Madhan Shankar	Dual herbal combination of <i>Withania somnifera</i> and five Rasayana herbs: A phytochemical, antioxidant, and chemometric profiling	Journal of Ayurveda and Integrative Medicine	2020,	https://doi.org/10.1016/j.jaim.2020.10.001 (Article In press)	2.1	Scopus
2	P. Senthilkumar, Sudhagar Babu, Venkatachalam Jaishree, Kingsly	Solvothermal -assisted green synthesis of hybrid Chi-Fe ₃ O ₄ nanocomposi	IET nanobiotechnology	2020, 14	714-721	1.75	Web Science

	Joshua Stephen, Govindaraj Yaswant, Devanesan Sanjeevi Ranjith Santhosh Kumar, Nithya S Nair	tes: a potential antibacterial and antibiofilm material					
3	Anbarasi. G and Somasundaram	Growth regulation and proteomic approaches of exogenous abscisic acid induced changes on salt tolerance factors in suaeda	Plant physiology report	2020, 25,	33-50	-	Scopus

		maritima					
4.	P. Ning, C.C. Liu, Y.J. Wang, X.Z. Li, R. Ranjithkuma r, Z.H. Gan, Y.Y. Wu , T. Fu.	Facile synthesis, antibacterial mechanisms and cytocompatib ility of Ag- MnFe ₂ O ₄ magnetic nanoparticles	Ceramic International	46, (2020).	, 20150-20115,	3.83	SCI
5.	Preethi. S, Abarna. K, Nithyasri. M, Kishore.P, Deepika. K, Ranjithkuma r. R, Bharathi. D.	Synthesis and characterizati on of chitosan/zinc oxide nanocomposi te for antibacterial activity onto cotton fabrics and dye degradation	International Journal of Biological Macromolecul es	164(1), (2020),	2779-2787,	5.162	SCI

		applications.					
6.	Kiran Raj.T, Ranjithkumar R, Kanthesh. B.M, Gopenath.T.S	C-Phycocyanin of <i>Spirulina plantesis</i> inhibits nsp12 required for replication of SARS-COV-2: A novel finding <i>in-silico</i> .	International Journal of Pharmaceutical Sciences and Research	11(9), (2020).	4271-4278	-	Web of Science
7.	Shanmugam Tharani, Devaraj Bharathi, Ranjithkumar R	Extracellular green synthesis of chitosan-silver nanoparticles using <i>Lactobacillus reuteri</i> for antibacterial	Biocatalysis and Agricultural Biotechnology	30, 2020	101838	-	SCI

		applications					
8.	S R Madhan Shankar and Jayasree Vaidhyathan	A study on the ecological consequences of Food wastage,	International Journal of Pharmacology Research	Jan- June 2020, Volume 11	10-15	—	Google Scholar
9.	Bharvavi S and S R Madhan Shankar	Dual herbal combination of <i>Withania somnifera</i> and five Rasayana herbs: A phytochemical, antioxidant, and chemometric profiling	Journal of Ayurveda and Integrative Medicine,	2020	DOI https://doi.org/10.1016/j.jaim.2020.10.001 (Article In press)	3.1	Scopus
10.	Ben Raj and S.R Madhan Shankar	Nutritional Profiling and Heavy Metal	Int. J. Life Sci. Pharma Res	2021, 11(1)	L284-289	0.8	UGC CARE

		Analysis of <i>Withania Somnifera</i> Based Polyherbal Formulation- Aswagandha di Lehyam					
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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.	A. Amuthavalli, B. Prakash, R. Thirugnanasampandan, M. Gogulramnath, G. Bhuvaneswari & R.	Synthesis, Molecular Docking, Antibacterial, Antioxidant and Cytotoxicity Activities of Novel Pyrido-	Synthetic Communications	2020, Vol. 50.	1176- 1189	1.76	Scopus, SCI

	<u>Velmurugan</u>	Cyclopenta[<i>b</i>]Indole Analogs					
2.	Sangeetha V. and Ramya V.	Synthesis, characterization and biological activity of pyrazolino and isoxazolo annelated cyclopent[<i>b</i>]indole derivatives	Research Journal of Chemistry and Environment	(2020) Vol. 24 (8) August	18-23	0.16	Scopus
3.	S Packiaraj, L Kousalya, A Pushpaveni , S Poornima, H Puschmann, S Govindarajan	Structural and antioxidant properties of guanylhiazinium pyrazine-2-carboxylate	Journal of Materials Science: Materials in Electronics	volume 32 &2021	7704–7718	2.078	Google Scholar
4.	S. Packiaraj, L. Kousalya, S. Poornima, A. Pushpaveni & S. Govindarajan	New insight for the estimation of sulfur content from Guanidiniumtris (thiodipropionato)lanthanate(III) trihydrate: synthesis, thermal, and photoluminescent studies	Monatsheft für Chemie - Chemical Monthly	volume 152, (2021)	263–273	1.194	Google Scholar

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.	R. Umagandhi V. Kalaimani	A novel Wrapper FS based on binary swllow swarm optimization with score-based criteria fusion for gene expression microarray data	Materials Today: Proceedings	In Press			Scopus
2.	R. Umagandhi V. Kalaimani	Hybrid ensemble feature selection model for gene expression microarray data	European journal of Molecular & Clinical Medicine	Volume 7 Issue 3 2020	5022-5036	SJR 0.152	Scopus

3.	G.Vani	Energy consumed multilevel feature extraction on esophageal X-Ray images based on fuzzy four level fast fourier transform	Journal of Green Engineering	Volume 10, Issue 11 Nov 2020	10581-10599	SJR 0.550	Scopus
4.	Dr.R.Umagandhi	Highlight Extraction in CT and X-Beam Pictures Utilizing Improved Stack Auto Encoder in Profound Learning Neural Network	Sambodhi	2021, Vol-44, No.-1(II)	70-76	5.86	UGC Care Journal
5.	G.Vani	A Survey on Esophageal	International Journal of	2021, Volume 9	2542-	7.97	Google Scholar

		Adenocarcinoma Detection of Diagnosis using Deep Learning Traditional Methods and Image Mining	Creative Research Thoughts	Issue 4	2546		
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Department of English (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.G.Youveniya	Humanism as a Panacea to Violence in Khuswant	Journal of Emerging Technologies and	December-2020,	268-274	5.87	Google Scholar

		<i>Singh's Train to Pakistan</i>	Innovative Research (JETIR)	Vol.7, Issue 12,			
2.	Mr. R.Gobinath	Temperament Of Human Values In Samit Basu's "Turbulence"	Journal of English Language, Literature in Humanities (IJELLH)	Vol-III.			Google Scholar
3.	Mr. R.Gobinath	In Search Of Dystopian World In Select Indian Science Fiction Movies	Journal of Emerging Technologies and Innovative Research (JETIR)	November 2020, Volume 7, Issue 11	521-525	5.87	Google Scholar
4.	Mr. Athisayaraj Jebakumar	The Concept of Evil in Jane Austen's Pride and Prejudice	Dogo Rangsang Research Journal	2021, 11	74	7.2	UGC Care list

5.		Society and Culture in Jane Austen's Pride and Prejudice – An Analysis		2021., I	47		
6.	Mr. C.Sakthivel	Despair Syndrome in Toni Morrison's Beloved	Dogo Rangsang Research Journal	2021, I	91	7.2	UGC Care list
7.	Dr. G. Youveniya	Confluences of Nationalities in Michael Ondaatje's The English Patient	International Journal of Emerging Technologies and Innovative Research	2021, 8	451-456	5.87	UGC Care list
8.	R.Gobinath	Portrayal of the protagonist as a victim of	Teresian Journal of English	2021, I	141-147	5	Indian Citation

		patriarchal society in Dance like a Man	Studies				
		Various Super powers in Samit Basu's Turbulence	Utkal Historical Research Journal	2021, 3	181 - 186	6	UGC Care list

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
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1	Dr.R.Karthik	Data Analysis and Patent Big Data Analysis in Technology Management using R Data Language.	Sambodhi	Vol:43 Oct-Dec 2020	163 - 169	5.8	UGC Care List
2	Dr.R.Karthik	Survey of Intrusion Detection Systems :Methodologies, Deployment and Challenges	Sambodhi	Vol:43 Oct-Dec 2020	70 - 75	5.8	UGC Care List

Department of MCom & BCom 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.	Mr.K.Myilswamy	Public Perception	African Journal of	2020, Vol - 15	01 to 07	-	Scopus

		About Google Pay And Phonepe – An Analytical study	Business Economic Research				
2.	Dr. B. Divya Priya	Women Advocates and Work life balance – A study selective women from Coimbatore Bar Council	International Journal and Experimental modal analysis	2019, Vol.09 (8)	pp. 747-754	-	Scopus
3.	Dr.R.Murugesan	Security Risks in Mobile Banking Services	Wesleyan Journal of Research	2020 Vol . 13 No.4(V)	55 – 59		UGC Care list
4.	Dr.K.S.Mohana Vignesh	Security Risks in Mobile Banking Services	Wesleyan Journal of Research	2020 Vol . 13 No.4(V)	55 – 59		UGC Care list

5.	Mr.K,Myilswamy	Difficulties Faced By Health - Care Workers During Covid 19 Pandemic Period	Journal of Huazhong University of Science and Technology	2021, Vol . 50	01 - 06		Scopus
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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
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1.	Dr. V.Rajendran, Dr.P.Sathish Mohan, M.Chitra	On Ng^*A - Closed Sets In Nano Topological Spaces	Journal of Critical Reviews	2020, 7(13)	4121-4127	-	Google Scholar
2.	Dr.S.Dhanalaksh mi, M.Vinitha, Dr.R.Poongodi	Existence and uniqueness of solutions for nonlinear fractional neutral integrodifferential equations with nonlocal boundary conditions.	Nonlinear Studies	2020, 3(27)	637-646	-	Scopus
3.	T.Deepa, M.Venkatachala m, Raul M.Falcon	On the r-dynamic coloring of the direct product of a path with either a path or a cycle	AIMS Mathema tics	2020, 5(6)	6496-6520	0.882	Scopus
4.	T.Deepa, Raul M.Falcon, M.Venkatachala m	On the r-dynamic coloring of the direct product of a path with either a complete graph or a	AIMS Mathema tics	2020, 6(2)	1470-1496	0.882	Scopus

		wheel graph					
5.	T.Deepa, M.Venkatachalam, Dafik	On r-dynamic coloring of the gear graph families	Proyecciones Journal of Mathematics	2020, 1(40)	1-15	-	Scopus
6.	Dr.A. Singaravelan, M.Balasubramaniam	Difficulties in learning Mathematics faced by undergraduate students	Advanced Science Letters	2020, 6(26)	744-748	0.2	-
7.	Dr.K.Baby, J.Chanthini and B.Madhumitha	On $*Sg*$ alpha closed sets in topological spaces	Journal of applied Science and Computations	2020, 4(7)	140-151	-	Google Scholar
8.	Dr.K.Baby, B.Madhumitha and J.Chanthini	On $*\alpha\Omega$ closed sets in topological spaces	Journal of applied Science and Computa	2020, 4(7)	157-168	-	Google Scholar

			tions				
9.	Dr.A.Amuthalaks hmi, S.Selvi Celin Prabha	Thermo magnetic response of nonlocal propagation of waves in rotating grapheme tubules	SN Applied Science	2020, 2	1-8	-	Web of Science

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
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1.	Dr.D.Moorthy	Study On Consumer Satisfaction Towards Himalayas Skin Care Products With Reference To Tirupur City	Sambodhi	January-March 2021, Volume 44	-	5.80	-
2.	Dr.R.Maharajothi Priya	A study on consumer satisfaction towards online shopping in coimbatore district	Zeichen ugc – care approved group ii journal	February 2021, volume 7	142-151	-	-

3.	Dr.R.Maharajothi Priya	A study on customers attitude on factors influencing towards online shopping special reference to coimbatore distict	Aut aut ugc – care approved group ii journal	February 2021, volume 12	172 – 181		
4.	Dr.R.Maharajothi Priya	A study on awareness level of farmers towards crop insurance scheme in coimbatore district	International journal of research and analytical reviews	March 2021, volume 8	502 - 506	-	-

5.	Dr. D. Moorthy	Financial performance of aditya brila sun life insurance company limited	Kala – the journal of indian art history congress Ugc care group i journal	January – 2021 Volume 27, no. 1(ii)	41 – 47	6.125	
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Department of BCom 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.	Mrs.T.Deepika	A Study On Awareness Level Of Farmers Towards Crop Insurance Scheme In Coimbatore District	International Journal Of Research And Analytical Reviews(Ijrar)	March 2021 Volume 8	502-506	5.75	-
2.	Ms.S.Vinothini	A study on consumer's Behaviour And	International journal of	April 2021		5.75	-

		purchase satisfaction in jewellery market with special reference to coimbatore city	research and analytical reviews(ijrar)	Volume 8 ISSUE 2			
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Research papers published by faculty members (National Journals):

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.	A.S.Balaganesh, N. Pavithra	Synthesis of potassium doped	Kong. Res. J.	2020,	22	-	

	R. Ranjith Kumar K.P.B. Dinesh B. Chandar Shekar	ferric sulphide nanoparticles using bio-assisted method for agricultural applications		7(2)			Google Scholar
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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.	Betty T, Sumathi, P, Indhumathi, T, Prabavathi, Devadharshini, B	Phytochemical Screening of A Therapeutic Plant <i>Mussaenda luteola</i> Delile (Rubiaceae).	Kongunadu Research Journal	2020, 7	59-62.		Google scholar
2.	Bhuvanewari, G., Thirugnanasampandan, R. and	Evaluation of antioxidant, cytotoxic and apoptotic activities of methanolic extract of <i>Momordica</i>	Kongunadu Research Journal	2020, 7	26-29	-	Google scholar

	Gogulramnath, M.	<i>cymbalaria</i> Hook f. unripe fruit					
3.	Tharani, V. and Revathi, P.	Impact of Industrial Pollution on Physiological Growth and Nutrient Contents of Common Green Leafy Vegetables	Kongunadu Research Journal	2020, 7	13-21	-	Google scholar
4.	Rekka, R and Senthil Kumar,S	Traditional Use of Medicinal Plant by Malayali Tribe in Yercaud Hill, Eastern Ghats, Salem District, Tamil Nadu, India.	Kongunadu Research Journal	2020, 7	07-12	-	Google scholar
5.	Venkatachalapathi, A. Abdul Kaffoor H. and N. Nagarajan.	Evaluate the association of Arbuscular mycorrhizal fungi in some medicinal plants grown in Noyal river bed, Tiruppur district, Tamil Nadu	Kongunadu Research Journal	2020, 7	54-62	-	Google scholar
6.	Moorthy D. and Kavitha, T	Medicinal pteridophytes of Sitheri hills, Eastern Ghats, Tamil Nadu.	Kongunadu Research Journal	2020, 7	56-58	-	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.	Rini Joseph., Kathireswari P.,	Efficacy leaf litters as substrate on reproduction potential of epigeic earthworm <i>Eudrilus eugeniae</i> .	Indian Journal of ecology.	January, 2020, 47 (1)	186-189	0.13	Scopus
2.	Dr. R. Venkitachalam and Varsha Vijayan	Status and Diversity of Bird species in Governemtn college campus in Chittur of Palakad, Kerala	<i>Kongunadu Research Journal</i>	2020.	7(1); 01-04.		Google Scholar
3.	Arshath, S., Gayathri, A., Rajeshkumar, S,	Study on comparative assessment of Human Tolerance towards wildlife in Coimbatore District (Karamadai, Thondamuthur and	<i>Kongunadu Research Journal</i> .	2020.	7(2); 39-49.	-	Google Scholar

		Periyanaickenpalayam, Tamil Nadu. DOI: 10.26524/krj.2020.20.					
4.	Dharani. T, Ajith G and Rajeshkumar. S.	The study on freshwater fish biodiversity of Ukkadam (Periyakulam) and Valankulam Lake from Coimbatore District, Tamil Nadu, India. DOI: 10.26524/krj.2020.3	<i>Kongunadu Research Journal.</i>	2020	7(1) 11-18.	-	Google Scholar
5.	Amrutha T., Ananya P. and Rajeshkumar S.	Preliminary Report on Butterfly diversity in Kallar Horticulture Farm, Western Ghats, Tamil Nadu, India.	World Journal of Pharmacy and Pharmaceuti cal Sciences	2020	Volume 9, Issue 1 874- 909	-	Google Scholar
6.	S.Binu kumari,J.Vasant hi and M.Mohan kumar	Advanced Vellalore Municipal Sewage water treatment for removal of residues using Chlorination	International Journal of Recent Scientific Research	2020	11:9(B) pp.397 33- 39735		Google Scholar

7.	Dr.S.Binukumari	Histopathological alterations in the gills of the fresh water fish , <i>Labeo rohita</i> (Hamilton Bhchunan) exposed to heavy metal mixtures (Cd,Cr and Pb)	Journal of Advanced Scientific Research	2021, 12(1)	253-256		Google Scholar
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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	Potential of ethnobotanical medicinal plants used by Malayali tribes in Yercaud hills, Eastern	Journal of Applied Natural Science	12(4)2020	560-567		Indexed in Scopus,

		ghats of Tamil Nadu, India					
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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. S. Aravind	”□□□□□□□□□□□□□□□□ □□□□□□□□ □□□□□□□□□□ □□□□□□□□□□□□ □□□□□□□□”	Naveena Thamizhaivu – (UGC Care Listed Journal – ISSN – 2321 – 984X)Raja Publications	23.03.2021 PSG Colege of Arts and Science, Coimbatore &	on Printing	-	-

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.	G. Anbarasi, M. P. Arulmoorthy	Seed germination ability and protein profiling of salt marsh plants at a different concentration of sodium chloride	Indian Journal of Geo-Marine Sciences	49 (05), 2020	757-765	0.33	Web Science
2.	M. P. Arulmoorthy and G. Anbarasi	Occurrence of the near threatened tiger shark, <i>Galeocerdocuvier</i> (Peron and Lesueur, 1822) from Cuddalore coast, Tamil nadu, Southeast coast of India.	Indian Journal of Geo-Marine Sciences	49 (07), July 2020	1298-1301	0.33	Web Science
3.	G. Anbarasi and B. Vishnupriya.	Molecular identification and phylogenetic analysis of <i>suaedamaritima</i> from	Kong. Res. J.	2020. 7(1)	28-34	-	Google Scholar

		parangipettai coastal areas, southeast coast of India					
4.	G. Anbarasi. And B. Vishnupriya	Kinetic studies of partially purified lipase from marine Actinomycete <i>Streptomyces acrimycini</i> NGP 1.	Kong. Res. J	7(1), 2020.	63-68	-	Google Scholar
5.	Gunasekaran Bhuvaneswari, Ramaraj Thirugnanasampandan, Madhusudhanan Gogul Ramnath	Evaluation of antioxidant, cytotoxic and apoptotic activities of methanolic extract of momordica cymbalaria hook f. unripe fruit	Kong. Res. J	2020, 7(2)	26-29	-	Google Scholar
6.	Pavithra. N, Shiva Subramani M, Balaganesh A.S, Ranjithkumar. R, Dinesh, K.P.B, Chandar Shekar. B.	Bio-assisted synthesis of ferric sulphide nanoparticles for agriculture applications.	Kong. Res. J.,	7(1), (2020).	35-38	-	Google Scholar
7.	Jayasree Vaidyanathan and S R Madhan Shankar	A Study on The Ecological Consequences of Food Wastage	International journal of Pharma Research	2020, 11 (1)	11-17	-	Google Scholar