

KONGUNADU ARTS AND SCIENCE COLLEGE (Autonomous)

Coimbatore – 641 029

Academic Year 2019 - 2020

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.K.Kaviyarasu	An Incarnation of Perceptible Nature in Select Poems of John Keats and Robert Frost	Research Journal of English Language and Literature	Vol.7.Issue 3.2019(July-Sept.)	203-205	6.8992	ISSN:2395-2636 (P); 2321-3108(O)
2.	Dr.P.Chitra	Cultural Hybridity: A Thematic Study in the Select	International Journal of English Language, Literature in	Volume 7, Issue 7, July 2019	799-813	5.7	ISSN-2321-7065

		Novels of Michael Ondaatje	Humanities				
3.	Dr.S.P.Sasi Rekha	The Impact of Listening Strategies on Improving Learners Listening Skill	Language in India	Vol 19:7 July 2019	-	-	ISSN 1930-2940
4.	Dr.S.P.Sasi Rekha	Note Taking as an effective Strategy in Enhancing the Listening and Writing Skills of English Language Learners	IJELLH	Vol 7 Jun 2019	1410-1419	-	ISSN 2321-7065
5.	Dr. R. Sumathi	LANGUAGE LEARNING AND RECEPTIVE SKILLS	The Expression: An International Multidisciplinary e-Journal ISSN: 2395-4132	130-134			

6.	Dr. R. Sumathi	TRAUMA AND TRIUMPH: REVATHI'S THE TRUTH ABOUT ME	The Expression: An International Multidisciplinary e-Journal ISSN: 2395-4132	119-123			
7.	Dr. R. Sumathi	Depiction of Africanness in the Select Works of Chinua Achebe	The Expression: An International Multidisciplinary e-Journal ISSN: 2395-4132				
8.	Dr. R. Sumathi	The Study of Brit's Psychological Tranformation in Firdaus Kanga's Trying to Grow	The Expression: An International Multidisciplinary e-Journal ISSN: 2395-4132				
9.	Dr. R. Sumathi	Expatriation Experiences–A Study in Bharati Mukerjee's The Tiger's Daughter	The Expression: An International Multidisciplinary e-Journal ISSN: 2395-4132				

8.	Dr. R. Sumathi	“The Flavour of Tribal Life in Things Fall Apart”	The Expression: An International Multidisciplinary e-Journal ISSN: 2395-4132				
9.	Dr. R. Sumathi	“Exploration of Psychic Trauma in Anita Desai's Voices in the City”	The Expression: An International Multidisciplinary e-Journal ISSN: 2395-4132				
10.	Dr. R. Sumathi	“Dissection of Forage for Selfhood in Bharati Mukherjee's Jasmine”	The Expression: An International Multidisciplinary e-Journal ISSN: 2395-4132				
11.	Dr. R. Sumathi	“Role of Individual Difference in Language Learning”	The Expression: An International Multidisciplinary e-Journal ISSN: 2395-4132				

12.	Dr. R. Sumathi	Silent Suffering in Anita Desai's Fasting, Feasting					
13.	Dr. P. Sujatha	LANGUAGE LEARNING AND RECEPTIVE SKILLS	The Expression: An International Multidisciplinary e-Journal ISSN: 2395-4132		130-134	-	
14.	Dr. P. Sujatha	TRAUMA AND TRIUMPH: REVATHI'S THE TRUTH ABOUT ME	The Expression: An International Multidisciplinary e-Journal ISSN: 2395-4132		119-123		
15.	Dr. P. Sujatha	Depiction of Africanness in the Select Works of Chinua Achebe	The Expression: An International Multidisciplinary e-Journal ISSN: 2395-4132				
16.	Dr. P. Sujatha	The Study of Brit's Psychological	The Expression: An International Multidisciplinary				

		Tranformation in Firdaus Kanga's Trying to Grow	e-Journal ISSN: 2395-4132				
17.	Dr. P. Sujatha	Expatriation Experiences-A Study in Bharati Mukerjee's The Tiger's Daughter	The Expression: An International Multidisciplinary e-Journal ISSN: 2395-4132				
18.	Dr. P. Sujatha	Expatriation Experiences-A Study in Bharati Mukerjee's The Tiger's Daughter	The Expression: An International Multidisciplinary e-Journal ISSN: 2395-4132				
19.	Dr. P. Sujatha	"The Flavour of Tribal Life in Things Fall Apart"	The Expression: An International Multidisciplinary e-Journal ISSN: 2395-4132				
20.	Dr. P. Sujatha	"Exploration of Psychic Trauma in Anita Desai's Voices in the	The Expression: An International Multidisciplinary				

		City”	e-Journal ISSN: 2395-4132				
21.	Dr. P. Sujatha	“Dissection of Forage for Selfhood in Bharati Mukherjee’s Jasmine”	The Expression: An International Multidisciplinary e-Journal ISSN: 2395-4132				
22.	Dr. P. Sujatha	“Role of Individual Difference in Language Learning”	The Expression: An International Multidisciplinary e-Journal ISSN: 2395-4132				
23.	Dr. P. Sujatha	Silent Suffering in Anita Desai’s Fasting, Feasting					

Department of Mathematics (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.	V. Kokilavani and N. R. Bhuvaneshwari	Forms of supra $g^\# \alpha$ -continuous functions	International Journal of Innovative Technology and Exploring Engineering	ISSN:2278-3075, Vol 8, Issue 10S, 2019	251-257	5.54	Scopus
2.	V. Kokilavani and N. R. Bhuvaneshwari,	On $g^\# \alpha$ Closed Sets in Supra Topological Spaces	International Journal of Research and Analytical Reviews	Volume 6, Issue 2, 2019,	806x-810x	-	-
3.	N. Nithya Devi and D.	On Achromatic coloring of Line graph of some graphs	Far East Journal of Mathematical Sciences,	Vol. 114, 1(2019)	pp. 7-18.	-	Indian Citation Index/Google

	Vijayalakshmi,						Scholar
4.	G.Mohanappriya and D.Vijayalakshmi,	Computing sixth geometric-arithmetic index of nanostructures	Advances and Applications in Discrete Mathematics	Vol. 20, 1(2019)	pp. 73-88.	-	Web of Science
5.	A Rohini, M Venkatachalam S Broumi, F Smarandache	Single Valued Neutrosophic Coloring.	Neutrosophic Sets & Systems	Vol. 28, 2019	13-22	1.739	Scopus
6	A Rohini, M Venkatachalam	On irregular colorings of triple star graph families	Journal of Discrete Mathematical Sciences and Cryptography	https://doi.org/10.1080/09720529.2019.1645394 2019	1-6	-	Web of Science Scopus
7	K Rajalakshmi, M Venkatachalam	On packing coloring of helm related graphs	Journal of Discrete Mathematical Sciences and Cryptography	https://doi.org/10.1080/09720529.2019.1640968 2019	1-17	-	Web of Science Scopus
8	FA Muntaner- M Venkatachalam	Harmonious Coloring Of Multicopy Of Complete Graphs	TWMS Journal of Applied and Engineering Mathematics	9 (2), 2019	384	-	Web of Science Scopus
9	D K.Praveena,	Equitable Coloring Of Prism	International Journal of	8 (8), 2019	706-710	3.023	Scopus

	M.Venkatachalam, and A.Rohini	Graph And Its Central,Middle, Total And Line Graph	Scientific & Technology Research				
10	M.Venkatachalam, A.Rohini K. Praveena	Equitable coloring on subdivision vertex join of cycle C_m with path P_n	Notes on Number Theory and Discrete Mathematics	25 (2), 2019	190-198	-	Web of Science
11	M.Venkatachalam, Arika Indah Kristiana, Dafik, M. Imam Utoyo, Slamin, Ridho Alfarisi, Ika	Local Irregularity Vertex Coloring Of Graphs	International Journal of Civil Engineering and Technology (IJCIET)	10 (3), 2019	1606- 1616	-	Scopus
12	A Rohini, M Venkatachalam, R Sangamithra	Irregular colorings of derived graphs of flower graph	SeMA Journal	https://doi.org/10.1007/s40324-019-00201-1 2019	1-11	-	Springer Google Scholar
13	K Praveena, M Venkatachalam	On equitable chromatic number of Tadpole graph T_n	Communications Faculty of Sciences University of Ankara	68(2), 2019	1638- 1646	-	Web of Science

		{m, n}	Series A1				
14	A Rohini, M Venkatachalam	On irregular coloring of wheel related graphs	Communications Faculty of Sciences University of Ankara Series A1	68(2), 2019	1462-1472	-	Web of Science
15	C Ravichandran, K Logeswari, F Jarad	<u>New results on existence in the framework of Atangana-Baleanu derivative for fractional integro-differential equations</u>	Chaos, Solitons & Fractals	2019, 125	194-200	3.064	Science Citation Index, Web of Science and Scopus
16	K Jothimani, K Kaliraj, Z Hammouch, C Ravichandran	<u>New results on controllability in the framework of fractional integrodifferential equations with nondense domain</u>	The European Physical Journal Plus	2019,134	441	2.612	Science Citation Index, Science Citation Index Expand and Scopus
17	SK Panda, T Abdeljawad,	<u>A complex valued approach to the solutions of Riemann-Liouville integral, Atangana-</u>	Chaos, Solitons & Fractals	2020, 130	109439	3.064	Science Citation Index, Web of

	C Ravichandran	<u>Baleanu integral operator and non-linear Telegraph equation via fixed point method</u>					Science and Scopus
18	D Chalishajar, C Ravichandran, S Dhanalakshmi, R Murugesu	<u>Existence of Fractional Impulsive Functional Integro-Differential Equations in Banach Spaces</u>	Applied System Innovation	2019, 2	01-18	-	DOAJ
19	T.Nandhini and M. Vigneshwaran	$N_{\alpha\# \psi}$ -closed sets in Neutrosophic topological spaces	American International Journal of Research in Science, Technology, Engineering & Mathematics	Special issue, 2019	370-373	5.01	Google scholar , DOAJ
20	S.Saranya and M.Vigneshwaran	Neutrosophic $b^*\alpha$ -Closed Sets	Neutrosophic Sets and Systems	Volume 24, 2019	90-99	1.739	Scopus Web of Science & UGC approved
21	T.Nandhini and	$N_{\alpha\# \psi}$ -continuous and $N_{\alpha\# \psi}$ -	International Journal of	Volume 7, issue 6, 2019	1097-1101	5.92	Scopus

	M.Vigneshwaran	irresolute functions in Neutrosophic topological spaces,	recent technology and engineering				
22	S. Saranya and M.Vigneshwaran	Design and Development of .Net Framework to Deal with Neutrosophic α Sets	International Journal of Engineering and Advanced Technology (IJEAT)	Volume-8, Issue-3S, 2019,	852-857.	1.0	Scopus
23	S Saranya and M. Vigneshwaran	C# Application to Deal with Neutrosophic α -Closed Sets,	Journal of Advanced Research in Dynamical and Control Systems	11, 01-Special Issue, 2019	1347-1355	---	Scopus And UGC Approved
24	K Krishnaveni and M.Vigneshwaran	Supra β -Set Connected Functions in Supra Topological Spaces	Commun. Fac. Sci. Univ. Ank. Ser. A1 Math. Stat.,	Volume 68, Number 1, 2019,	1811-1818	----	Scopus, Web of Science & UGC approved
25	K.Damodharan and M.	On δ - α -multi functions in topological spaces	International journal of Scientific & Technology	Volume 8, Issue 08, August 2019	715-721	----	Scopus

	Vigneshwaran		Research				
26	S. Saranya and M. Vigneshwaran,	.NET Framework to deal with Neutrosophic $\beta^*g\alpha$ -Closed Sets in Neutrosophic Topological Spaces.	Neutrosophic Sets and Systems Journal	Vol. 29, 2019	40-61.	1.739	Scopus
27	T. Nandhini and M. Vigneshwaran	$\mathcal{N}_{\alpha g^{\#}\psi}$ -open map, $\mathcal{N}_{\alpha g^{\#}\psi}$ -closed map and $\mathcal{N}_{\alpha g^{\#}\psi}$ -homeomorphism in neutrosophic topological spaces	Neutrosophic Sets and Systems Journal	Vol. 29, 2019	186-196.	1.739	Scopus
28	Dr.V.Kokilavani and N.R.Bhuvaneshwari	SEPERATION AXIOMS IN SUPRA TOPOLOGICAL SPACES	Advances in Mathematics : Scientific Jounal(AMSJ)	9 (2020), no.2,	561–567	--	Scopus
29	Dr.V.Kokilavani and S.Visagapriya	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
30	Dr.V.Kokilavani and S.Visagapriya	A Note On Nano $g^{\#} \alpha$ closed Maps In Nano Topological	Advances in Mathematics : Scientific	Vol: 9 (2020), no.2,	539–548	----	Scopus

		Spaces	Journal(AMSJ)				
31	M.Kalpana and D.Viayalakshmi	The b-coloring of double wheel graphs	Journal of Adv Research in dynamical & control system	Vol11,12 2020		---	Scopus
32	N.Nithyadevi and D.Vijayalakshmi	On Achromatic coloring of derived graph of wheel graph families	Journal of Adv Research in dynamical & control system	Vol11,12 2020		---	Scopus
33	T.Nandhini, M.Vigneshwaran and S.Jafari	Structural Equivalence between Electrical Circuits via 1 Nano Topology Induced by Digraphs	Neutrosophic Sets and Systems	Vol. 31, 2020,	242-249		Scopus
34	S.Arjun Raj and M.Vigneshwaran	Analyzing Diabetes using Rough sets	Advances in Mathematics: Scientific Journal	Vol. 9, No.2, 2020,	533-538		Scopus
35	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
36	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
37	S.Saranya, M.Vigneshwaran	C# Application to deal with $g\alpha$ -closed sets in	Applications and Applied Mathematics	Vol.15, Issue 1, 2020	226-239		ESCI-Web of Science

	and S.Jafari	Neutrosophic topology					
38	A Rohini, M.Venkatachalam	Irregular colorings of friendship graph families	Journal of Discrete Mathematical Sciences and Cryptography	2020	1-12		Scopus
39	J Vernold Vivin, N. Mohanapriya, Johan Kok, M.Venkatachalam	On dynamic coloring of certain cycle-related graphs	Arabian Journal of Mathematics	9(1) 2020	213-221		Google Scholar, SCImago, SCOPUS
40	A Rohini, M.Venkatachalam, R Sangamithra	Irregular colorings of derived graphs of flower graph	SeMA Journal	77(1) 2020	47-57		Google Scholar
41	Dafik, K. Praveena, , M.Venkatachalam, R. Alfarisi	Equitable Coloring of Derived Graph of Graphs	Advances in Mathematics: Scientific Journal	9(3) 2020	909-919		Scopus
42	M. Vinitha, M. Venkatachalam and Dafik	on b-chromatic number of theta graph families	Advances in Mathematics: Scientific Journal	9(2) 2020	643-650		Scopus
43	K. Rajalakshmi, M. Venkatachalam, M. Barani and 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) 2020	627-634		Scopus

44	Ika Hesti Agustin, Dafik Imam Utoyo, M.Venkatachalam	Edge irregular reflexive labeling of some tree graphs	Journal of Physics: Conference Series	1543 2020	012008		Scopus
45	Ika Hesti Agustin , M.Venkatachalam	The local edge metric dimension of graph	Journal of Physics: Conference Series	1543 2020	012009		Scopus
46	A. Rohini, M. Venkatachalam, Dafik	On Irregular Coloring of Some Generalised Graphs	Advanced Studies in Contemporary Mathematics	30(1) 2020	99 - 120		Scopus
47	G Nandini, M Venkatachalam, Raúl M Falcón	On the r-dynamic coloring of subdivision-edge coronas of a path	AIMS Mathematics	5 (5) 2020	4546 - 4562		Science Citation Index-Expanded, Web of Science, Scopus
48	A Rohini, M Venkatachalam	Operations of Single Valued Neutrosophic Coloring	Neutrosophic Sets and Systems	31 (1) 2020	172-178		Scopus
49	N Valliammal, C Ravichandran,	A New Investigation on Fractional-Ordered Neutral	International Journal of Nonlinear Sciences and	2019,	803-809	1.033	SCImago

	Zakia Hammouch, Haci Mehmet Baskonus	Differential Systems with State-Dependent Delay	Numerical Simulation	20			
50	Manar A Alqudah, C Ravichandran, Thabet Abdeljawad, N Valliammal	New results on Caputo fractional-order neutral differential inclusions without compactness	Advances in Difference Equations	2019	1-14	1.51	Science Citation Index Expanded , SCImago, Scopus
51	Ramasamy Subashini, Chokkalingam Ravichandran, Kasthurisamy Jothimani, Haci Mehmet Baskonus	Existence results of Hilfer integro-differential equations with fractional order	Discrete & Continuous Dynamical Systems-S	2020, 13	911-923	0.545	Science Citation Index- Expanded, Web of Science
52	Sumati Kumari Panda, Thabet Abdeljawad, C Ravichandran	A complex valued approach to the solutions of Riemann- Liouville integral, Atangana- Baleanu integral operator and non-linear Telegraph equation via fixed point	Chaos, Solitons & Fractals	2020, 130	1-11	3.064	Science Citation Index, Web of Science and Scopus

		method					
53	Samiha Belmor, Chokkalingam Ravichandran, Fahd Jarad	Nonlinear generalized fractional differential equations with generalized fractional integral conditions	Journal of Taibah University for Science	2020, 14	114-123	1.640	Google Scholar
54	Sumati Kumari Panda, Thabet Abdeljawad and C Ravichandran,	Novel fixed point approach to Atangana-Baleanu fractional and L^p -Fredholm integral equations	Alexandria Engineering Journal	2020	1-12	3.696	Science Citation Index Expand
55	L. Vidyarani and M. Jesintha Jebarani	On Intuitionistic supra pre open sets	Advances in Mathematics: Scientific Journal	9 (2020)	619-625		Scopus
56	S.P.R. Priyalatha and E. Prakash	A novel approach on MGNT and MSGNT via central sets	Malaya Journal of Matematik	2020	277-281		UGC care list
57	S.P.R.Priyalatha , M. Gomathi ,M.ArockiaDasan	On Nano Binary Generalized Open Sets	Studies in Indian Place Names	2020	2967- 2974		UGC care list
58	P.Sathishmohan and Gomathi	On Igr^* -closed sets in Intuitionistic Topological	International Journal of Advanced Science and	Vol. 29(4)	505-512		Scopus

		Spaces	Technology	2020			
59	L.Chinnapparaj and P.Sathishmohan	On θg^*S -Closed Sets In Nano Topological Spaces	Advances and Applications in Mathematical Sciences	18(11) 2020	1543-1556		Scopus
60	C.Vigneshwaran, P.Sathishmohan and V.Rajendran	On nano semi pre irresolute functions in nano topological spaces	Advances in Mathematics: Scientific Journal	2020(9) No.5	2931-2944		Scopus
61	C.S.Gomathi, N.Mohanapriya and D.Dafik	r –Dynamic coloring of Snark Families	Journal of Physics: Conference Series	1543012002 2020	1-8		Scopus
62	V.Aparna and N.Mohanapriya	On r –Dynamic coloring of Neighborhood corona of Path with some graphs	Journal of Physics: Conference Series	1543012001 2020	1-12		Scopus

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 of Science/Indian Citation Index/Google Scholar
1.	Devaraj Bharathi, R.Ranjithkumar, S.Vasantharaj, B.Chandarshekar , V.Bhuvaneshwari	Synthesis and characterization of chitosan/iron oxide 21anocomposites for biomedical applications	International Journal of Biological Macromolecules	132 (2019)	pp 880-887	4.784	Scopus & Web of Science
2.	S.Nithya, K.R. Aranganayagam, B. Chandar Shekar , K. Boopathi	Growth, characterization and dft calculations on 2-amino-6-methylpyridinium hydrogen glutarate	Rasayan Journal of Chemistry	12 (2019)	pp 1399 – 1404	-	-

3.	R. P. Senthilkumar; Bhuvaneshwari, V.; V, Malayaman; G, Chitra; Rajamani, Ranjith; Bheeman, Dinesh; Bellan, Chandar Shekar	Biogenic method of cerium oxide nanoparticles synthesis using wireweed (<i>Sida acuta</i> Burm.f.) and its antibacterial activity against <i>Escherichia coli</i>	Materials Research Express	6 (2019)	pp105026	1.449	Scopus & Web of Science
4.	M. Razad, K. Saravanakumar , V. Ganesan, V. R. Reddy, R. J. Choudhary, K. Jeyadheepan, K. Mahalakshmi	Ferromagnetic ordering in nickel doped BiFeO ₃ nanostructured thin films	Journal of Materials Science: Materials in Electronics	30 (2019)	pp 18306-18314	2.195	Scopus & Web of Science
5.	M Pandian, P Matheswaran , B Gokul , R Sathyamoorthy 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	APSUSC_144115	-	5.155	Scopus & Web of Science
6	Senthilkumar T, V.D. Nadhiya , A.	Developing novel potent Anti-Histamine H1	Journal of Emerging	6 (2019)	P 442-453	-	-

	Manimaran, K. Saminathan	receptor antagonists: A DFT Study	Technologies and Innovative Research				
7.	C.Chelladurai, V.D. Nadhiya , N. Neelakandeswari, A. Manimaran	Ab initio and DFT investigations on Acetoacetanilidimine Derivative	Journal of Emerging Technologies and Innovative Research	6 (2019)	pp 787-801	-	-
8.	Venkatraman Manikandan , Ali Mirzaei, Sivasubramaniam Vigneselvan, Srikanti Kavita, Rajaram Sakharam Mane, Sang Sub Kim, Joseph Chandrasekaran	Role of Ruthenium in the Dielectric, Magnetic Properties of Nickel Ferrite (Ru-NiFe ₂ O ₄) Nanoparticles and Their Application in Hydrogen Sensors	ACS omega	4 (2019)	pp 12919-12926	2.584	Scopus & Web of Science
9.	S.Vigneselvan, V. Manikandan , Iulian Petrila, A. Vanitha, J. Chandrasekaran	Effect of Tin Element on the Structural, Optical and Humidity Sensing Properties of Cerium Oxide Nanoparticles	Journal of Electronic Materials	48 (2019)	pp 1-12	1.676	Scopus & Web of Science

10.	S. Nithya , B. Chandar Shekar , K.R. Aranganayagam, and K. Boopathi, ,	Influence of Classical N-H...O and C-H...O Hydrogen Bonding Interactions on 2-amino5-methylpyridinium Hydrogen Succinate Crystal: Experimental and Theoretical Perspectives	Materials Research Express	6 (2020)	12	1.921	Scopus & Web of Science
11.	Sharmila Chandran, Thilagavathy Ponnusamy, Dinesh Bheeman, Ranjith Kumar Rajamani, Chandar Shekar Bellan	Dextran sulfate stabilized silver nanoparticle: next generation efficient therapy for cancer	International Journal of Applied Pharmaceutics	12(1), (2020)	59	-	-
12.	B. Gokul, P. Saravanan, P. Matheswaran, M.Pandian, R. Sathyamoorthy, K. Asokan, V.T.P.	Study on the field-cooling induced magnetic interactions in Gd-doped NiO nanoparticles	Journal of Magnetism and Magnetic Materials	493 (2020)	165713	2.717	Scopus & Web of Science

	Vinod, M. Černík						
13.	M.Pandian, P. Matheswaran, B. Gokul, R. Sathyamoorthy, R. Meena, 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	5050 (2020)	144115	6.182	Scopus & Web of Science
14.	M.Pandian, P. Matheswaran, B. Gokul, R. Sathyamoorthy, R. Meena, 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	5050 (2020)	144115	6.182	Scopus & Web of Science

Department of Chemistry (UG)

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar	Provided URL Link
1.	C. Chelladurai, Dr. V.D. Nadhiya, Dr. N. Neelakandeswari, Dr. A. Manimaran	Abinitio Structural investigation of 3-((2-((1-(2hydroxyphenyl)ethylidene)amino)phenyl)imino)-Nphenylbutanamide: A DFT and	A Journal Of Composition Theory	Volume XII Issue X OCTOBER 2019	456-471	1.00	Scopus indexed and Google Scholar	DOI:19.18001.AJCT.2019.V12I10.19.10751

		NLO studies						
2.	C. Chelladurai, Dr. V.D. Nadhiya, Dr. N. Neelakandeswari, Dr. A. Manimaran	Ab initio and DFT investigations on Acetoacetanilidimine Derivative	International Journal of Emerging Technologies and Innovative Research	Vol.6, Issue 6, June 2019	page no.78 7-801,	5.7	Google Scholar	http://www.jetir.org/papers/JETIR1907L21.pdf
3.	Senthilkumar T, Dr. V.D. Nadhiya, Dr. A. Manimaran, Dr. K. Saminathan	Developing novel potent Anti-Histamine H1 receptor antagonists: A DFT Study	International Journal of Emerging Technologies and Innovative Research	ISSN:2349-5162, Vol.6, Issue 6, June 2019	page no.44 2-453,	5.7	Google Scholar	http://www.jetir.org/papers/JETIR1907D67.pdf
4.	K. Kishore Kumar , R. Brindha, . Nandhini, M. Selvam, K. Saminathan	Water-suspended graphene as electrolyte additive in zinc-air alkaline battery system	Materials Chemistry and Physics	(2019)	25,4, 1699–1706	2.347	Google Scholar	https://scholar.google.co.in/citations?user=G1430RQAAAAJ&hl=en

5.	Dr.E. Jayanthi	Synthesis, Structure and Antioxidant Activity of Mixed Ruthenium(III) Benzoyl Pyridine Complex	Asian Journal of Chemistry	2020, volume 32, No3,	641-645	-	scopus	
6.	Dr. R. Velmurugan	Synthesis, molecular docking, antibacterial, antioxidant, and cytotoxicity activities of novel pyrido-cyclopenta[b]indole analogs	Synthetic Communications	2020, Vol. 50 (8)	1176-1189	1.377	Scopus	
7.	Dr. R. Velmurugan	Synthesis, characterization, single crystal XRD, in vitro antimicrobial and cytotoxicity study of tris(ethylenediamine)cobalt(III)chloride oxalate	Arabian Journal of Chemistry	2019, Volume 12, (7)	1581-1586	4.762	Scopus/Web Science/Indian Citation Index/Google Scholar	

		trihydrate						
8.	Dr. K. Saminathan	Recovery and vermicompost production from livestock solid wastes with epigeic earthworms	Bioresource Technology	2020, 313	123690	7.539	Scopus/Web Science/Indian Citation Index/Google Scholar	
9.	Dr. K. Saminathan	Influence of graphene coating on altering the heat transfer behavior of microprocessors	Materials Testing	2019, 61	2	0.573	Scopus/Web Science/Indian Citation Index/Google Scholar	
10.	Dr. K. Saminathan	Water-suspended graphene as electrolyte additive in zinc-air alkaline battery system	Materials Chemistry and Physics	2019, 25,4	1699–1706	2.347	Scopus/Web Science/Indian Citation Index/Google Scholar	

11.	Dr.E. Jayanthi	Synthesis, Structure and Antioxidant Activity of Mixed Ruthenium(III) Benzoyl Pyridine Complex	Asian Journal of Chemistry	2020, volume 32, No3,	641-645	-	scopus	
12.	Dr. R. Velmurugan	Synthesis, molecular docking, antibacterial, antioxidant, and cytotoxicity activities of novel pyrido-cyclopenta[<i>b</i>]indole analogs	Synthetic Communications	2020, Vol. 50 (8)	1176-1189	1.377	Scopus	
13.	Dr. R. Velmurugan	Synthesis, characterization, single crystal XRD, in vitro antimicrobial and cytotoxicity study of tris(ethylenediamine)cobalt(III)chloride oxalate	Arabian Journal of Chemistry	2019, Volume 12, (7)	1581-1586	4.762	Scopus/Web Science/Indian Citation Index/Google Scholar	

		trihydrate						
14.	Dr. K. Saminathan	Recovery and vermicompost production from livestock solid wastes with epigeic earthworms	Bioresource Technology	2020, 313	123690	7.539	Scopus/Web Science/Indian Citation Index/Google Scholar	
15.	Dr. K. Saminathan	Influence of graphene coating on altering the heat transfer behavior of microprocessors	Materials Testing	2019, 61	2	0.573	Scopus/Web Science/Indian Citation Index/Google Scholar	
16.	Dr. K. Saminathan	Water-suspended graphene as electrolyte additive in zinc-air alkaline battery system	Materials Chemistry and Physics	2019, 25,4	1699-1706	2.347	Scopus/Web Science/Indian Citation Index/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
1.	Gunasekaran Bhuvaneswari, Ramaraj Thirugnanasampand an , Madhusudhanan Gogulramnath	Effect of colchicine induced tetraploidy on morphology, cytology, essential oil composition, gene expression and antioxidant activity of <i>Citrus limon</i> (L.) Osbeck	Physiology and Molecular Biology of Plants	2019; In press	-	1.539	SCIE
2.	Minju Kim, Kandhasamy Sowndhararajan , Hae Jin Choi, Se Jin Park and Songmun Kim	Olfactory Stimulation Effect of Aldehydes, Nonanal, and Decanal on the Human Electroencephalographic Activity, According to	Biomedicines	2019; Vol. 7	57	-	Scopus

		Nostril Variation					
3.	Ho Jung Bae, Kandhasamy Sowndhararajan , Hyeon-Bae Park, So-Yeon Kim, Songmun Kim, Dong Hyun Kim, Ji Woong Choi, Dae Sik Jang, Jong Hoon Ryu, Se Jin Park	Danshensu attenuates scopolamine and amyloid- β -induced cognitive impairments through the activation of PKA-CREB signaling in mice	Neurochemistry International	2019 Vol. 131	104537	3.994	SCIE
4.	Gunasekaran Bhuvaneshwari, Ramaraj Thirugnanasampandan , Madhusudhanan Gogulramnath	Effect of colchicine induced tetraploidy on morphology, cytology, essential oil composition, gene expression and antioxidant activity of <i>Citrus limon</i> (L.) Osbeck	<i>Physiology and Molecular Biology of Plants</i>	2020, 26	271-279	1.539	SCIE
5.	Ho Jung Bae, Kandhasamy Sowndhararajan , Hyeon-Bae Park, So-Yeon Kim, Songmun Kim, Dong Hyun Kim, Ji	Danshensu attenuates scopolamine and amyloid- β -induced cognitive impairments through the activation of PKA-CREB signaling in	<i>Neurochemistry International</i>	2019, 131	104537	3.994	SCIE

	Woong Choi, Dae Sik Jang, Jong Hoon Ryu and Se Jin Park.	mice .					
6.	Kim, M., Song, J., Nishi, K., Sowndhararajan* , K., & Kim, S*.	Changes in the electroencephalographic activity in response to odors produced by organic compounds.	<i>Journal of Psychophysiology</i>	2020, 34(1),	35-49	1.00	SCIE
7.	Dhandapani Ramesh Kumar, Gurusamy Dhandapani , Jian Jun Duan, and Subba Reddy Palli	RNAi for management of Asian long-horned beetle, <i>Anoplophora glabripennis</i> : identification of target genes	<i>Journal of Pest Science</i>	2020, 93	823-832	5.133	SCIE
8.	Gunasekaran Bhuvaneswari, Ramaraj Thirugnanasampandan , Madhusudhanan Gogulramnath	Effect of colchicine induced tetraploidy on morphology, cytology, essential oil composition, gene expression and antioxidant activity of <i>Citrus limon</i> (L.) Osbeck	Physiology and Molecular Biology of Plants	2020, 26	271-279	1.539	SCIE
9.	Ho Jung Bae, Kandhasamy	Danshensu attenuates scopolamine and					

	Sowndhararajan, Hyeon-Bae Park, So-Yeon Kim, Songmun Kim, Dong Hyun Kim, Ji Woong Choi, Dae Sik Jang, Jong Hoon Ryu and Se Jin Park.	amyloid- β -induced cognitive impairments through the activation of PKA-CREB signaling in mice .	Neurochemistry International	2019, 131	104537	3.994	SCIE
10.	Kim, M., Song, J., Nishi, K., Sowndhararajan*, K., & Kim, S*.	Changes in the electroencephalographic activity in response to odors produced by organic compounds.	Journal of Psychophysiology	2020, 34(1),	35-49	1.00	SCIE
11.	Dhandapani Ramesh Kumar , Gurusamy Dhandapani , Jian Jun Duan , and Subba Reddy Palli	RNAi for management of Asian long-horned beetle, Anoplophora glabripennis: identification of target genes	Journal of Pest Science	2020, 93	823-832	5.133	SCIE

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	M Lekeshmanaswamy, N Narmadha, J Sornapriya	Butterfly species diversity and transect survey method in Pallassena village, Palakkad district, and Kerala, India.	Journal of Applied Science and Computations	2019 6(4)	2022-30	-	-
2.	N Narmadha, J Sornapriya, M Lekeshmanaswamy	A Preliminary Checklist of Moths Species from Periyanaickenpalyam village, Coimbatore district, Tamil Nadu, India.	International Journal of Current Trends in Science and Technology	2019 9(03)	20278-84	-	-
3.	M Lekeshmanaswamy, J Sornapriya, N Narmadha	A Study on Insect diversity in Kongunadu college of Arts and Science (Inside the campus) Autonomous, Coimbatore, Tamil	Journal of Applied Science and Computations.	2019 6 (03):	2865-2869	-	-

		Nadu, India.					
4.	J Sornapriya, N Narmadha, M Lekeshmanaswamy	Distribution, abundance and feeding behaviour Of Macaca Radiata in Mettupalayam region, Coimbatore, Tamil Nadu, India,	Journal of Applied Science and Computations.	2019 6 (03):	1106- 1116	-	-
5.	J Sornapriya, N Narmadha, M Lekeshmanaswamy	Diversity of Calotes Versicolor (Iguania: Aganidae) in Periyanaickenpalyam village, Coimbatore District, Tamil Nadu, India.	International Journal of Zoology and Applied Biosciences	2019 4 (Issue 1):	31-36	-	-
6.	N Narmadha, J Sornapriya, M Lekeshmanaswamy	Studies on the diversity of Butterfly Fauna in Kongunadu College of Arts and Science campus, G.N.Mills, Coimbatore, Tamil Nadu.	International journal of creative and innovative research in all studies,	2019 1 (09):	18 -21.	-	-

7.	J Sornapriya, N Narmadha, M Lekeshmanaswamy	Diversity of Ants In Karamadai Region of Mettupalayam, Coimbatore, Tamil Nadu, India.,	Premana research journal,	2019	2249-2976	-	-
8.	M Lekeshmanaswamy, N Narmadha, J Sornapriya,	Diversity and Distribution of Beetles in Pallassena Village, Palakkad District, Kerala, India,	Journal of Applied Science and Computations,	2019	1076-5131	-	-
9.	Dr.S.Binukumari, J.Vasanthi, M.Mohan kumar	Characterization and treatment of vellalore municipal sweage water by absorbent.	International journal of Zoology studies	2019 4(3)	01-04	-	-
10.	Dr.S.Binukumari, J.Vasanthi, M.Mohan kumar	Treatment of vellalore municipal sewage water using aquatic weeds	International journal of Zoology studies	2019 4(2)	25-29	-	-
11.	Akila Moorthy, Rini Joseph, Deepthi , Kathireswari and	The regenerative efficacy of native earthworm, Drawida	International Journal of Advanced	Volume 4 Issue 7,	12-16	-	Google Scholar

	Saminathan	pellucida pallida and exotic earthworm, <i>Eudrilus eugeniae</i>	Scientific Research and Management	July 2019			
12.	Alagersamy Alagesan, Balakrishnan Padmanaban, Gunasekaran Tharani, Sundaran Jawahar, Subramanian Manivannan	An Assessment of biological control of the banana pseudostem weevil <i>Odoiporus longicollis</i> (Oliver) by entomopathogenic fungi <i>Beauveria bassiana</i> .	Biocatalysis and Agricultural Biotechnology	2019, 20	101262	0.862	Elsevier, Scopus Index
13.	S.Binukumari, J.Vasanthi and M.Mohankumar	CHARACTERIZATION AND TREATMENT OF VELLALORE MUNICIPAL SEWAGE WATER BY ADSORBENTS	International Journal of zoology studies	2019 4(3)	01-04		
14.	S.Binukumari, J.Vasanthi and M.Mohankumar	TREATMENT OF VELLALORE MUNICIPAL SEWAGE WATER USING AQUATIC WEEDS	International Journal of zoology studies	2019 4(2)	25-29		
15.	Jijo George, Rini Joseph, Deepthi. M.P,Kathireswari.P	BENEFICIAL UTILIZATION OF VERMIWASH IN SUSTAINABLE	International Journal of Recent Scientific	10,2019	35403-35406		

	and Saminathan.K	ORGANIC FARMING	Research ISSN 0976-3031				
16.	Akila Moorthy K, Rini Joseph, Deepthi. M.P,Kathireswari.P and Saminathan.K	THE REGENERATIVE EFFICACY OF NATIVE EARTHWORM DRAWIDA PELLUCIDA PALLIDA AND EXOTIC EARTHWORM, EUDRILUS EUGENIAE.	International Journal of Advanced scientific Research and Management. ISSN 2455-6378	4,2019	12-16	4.265	Google Scholar
17.	Suryaprabha N and Raja S	Assessment of photo degraded PVC microplastic in <i>Oreochromis niloticus</i> and <i>Spinacia oleracea</i> using aquaponic system	International Journal of Fisheries and Aquatic Studies	2020; 8(1)	307-310	(RJIF) Impact Factor: 5.69	Google Scholar
18.	Junguo Ma, Jingyi Zhu, Wanying Wang, PanpanRuan,	Biochemical and molecular impacts of glyphosate-based	Environmental Pollution	(2019)	1288-1300	(IF -5.714)	6

	Sivakumar Rajeshkumar, Xiaoyu Li, *	herbicide on the gills of common carp					
19.	Punitha S, Manivannan S, Karthika C and Bharathi P	Hepatoprotective Activities of Leaf Extract of Piper Betle Linn. on CCL4 Induced Hepatotoxic Male Albino Rats	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY	2020	6(9) 81-87		

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
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							Scholar
1.	Beena, R and V. Selvi.	Evaluation of insecticides against shoot and fruit borer <i>Leucinodes orbonalis</i> on brinjal at Tamilnadu	International Journal of Chemical Studies.	7(4)	1485-1491	NAAS Rating: 5.31 GIF: 0.565 RJIF: 4.86	-
2.	Vinodhini, M and M. Kalaiselvi	<i>In vitro</i> Free Radical Scavenging Activity of Essential oil Extracted from <i>Citrus sinensis</i> peel	American International Journal of Research in Science, Technology, Engineering & Mathematics	27(1)	1-6	-	-
3.	Dr. Narendhirakannan R.T	Nutrient recovery and vermicompost production from livestock solid wastes with epigeic	Bioresource Technology.	2020 Vol. 313	123-690	7.5	Indexed in Scopus/ Web Science

		earthworms.					
4.	Dr. Narendhirakannan R.T	Mycelial Growth Characteristics of Pleurotus citrinopileatus and Pleurotus platypus in Culture Media Variants.	Indian Journal of Agriculture Biochemistry	2019 Vol. 32(2)	200-205	-	Indexed in Scopus
5.	Dr. Narendhirakannan R.T	Nutrient recovery and vermicompost production from livestock solid wastes with epigeic earthworms.	Bioresource Technology.	2020 Vol. 313	123-690	7.5	Indexed in Scopus/ Web Science
6.	Dr. Narendhirakannan R.T	Mycelial Growth Characteristics of Pleurotus citrinopileatus and Pleurotus platypus	Indian Journal of Agriculture Biochemistry	2019 Vol. 32(2)	200-205	-	Indexed in Scopus

		in Culture Media Variants.					
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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
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							Scholar
1.	Dr..A. Kavitha K.Manimekalai	Review on Detection of Myocardial Infarction with Multilead ECG Signal	International Journal of scientific Research In computer Science Applications And Management Studies	2019 Volume 8,	Page 5,Issue 2	1.465	Science Indexed
2.	Dr..A. Kavitha A.Nithya	Convex Coverage Support Vector Machine (CCSVM) Classifier and Distributed 3-D Localization in Wireless Sensor Networks(WSNs)	Journal Advanced Research in Dynamical and Control Systems	2019,Vol ume11	Pages 33-43, Issue 5	1.169	Scopus indexed
3.	Dr.A.Kavitha ,A.Nithya	“Node Weight Swallow Swam Optimization Convex Node Segmentation Algorithm for Distributed 3-D Localization In Wireless Sensor Networks ”	International Journal of Scientific & Technology Research	February 2020, Volume 9	5130-5137	7.466	Indexed in Scopus
4.	Dr.A.Kavitha	“Advanced Chamfer Distance Based	Our Heritage	January 2020,Vol	142-157	6.8	UGC Care Journal

	,A.Nithya	Multidimensional Scaling Algorithm and Distributed 3-D Localization in Wireless Sensor Networks”		ume 68 , Issue 19			
5.	Dr.A.Kavitha ,A.Nithya	“Node Weight Swallow Swam Optimization Convex Node Segmentation Algorithm for Distributed 3-D Localization In Wireless Sensor Networks ”	International Journal of Scientific & Technology Research	February 2020, Volume 9	5130-5137	7.466	Indexed in Scopus
6.	Dr.A.Kavitha ,A.Nithya	“Advanced Chamfer Distance Based Multidimensional Scaling Algorithm and Distributed 3-D Localization in Wireless Sensor Networks”	Our Heritage	January 2020,Volume 68 , Issue 19	142-157	6.8	UGC Care Journal

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
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1.	Dr S.Aravind	சென்னை பல்கலைக்கழகம் கல்வியியல் துறை சென்னை	Journal of Classical Tamizh ISSN : 2321-0737	2019			
2.	Dr. K. Palanivel	சென்னை பல்கலைக்கழகம் கல்வியியல் துறை சென்னை	Journal of Classical Tamizh ISSN : 2321-0737	2019			
3.	Dr. K. Palanivel	சென்னை பல்கலைக்கழகம் கல்வியியல் துறை சென்னை	Shanlax International Journals P - ISSN : 2454 - 3993 Special Issue - 1, Volume - 4	February - 2020			

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1.	Dr. R.Umagandhi	Lung Nodule Detection: Image Enhancement using Fuzzy Rule Based Contrast Limited Adaptive Histogram Equalization and Entropy Weighted Residual Convolution Neural Network Method in CT	International Journal of Recent Technology and Engineering (IJRTE)	ISSN: 2277-3878, Volume-8 Issue-4, November 2019			
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Department of BCom

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
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1.	Dr.S.Uma	A Study on Online Shopping Behaviour Among Employess with Special reference to Coimbatore	International journal of research and analytical reviews (IJRAR)	June 2019 Volume 6		5.75	
2.	Dr.S.Uma	Online Impulse Buying Behaviour of Women with Special Reference to Apparels and Accessories in Coimbatore City	Journal of Emerging Technologies and Innovative Research	June 2019 Volume 6			
3.	S.Amudha	A Study on Selected Women Advocates and Work- life Balance From Coimbatore –Bar Council	International journal of Analytical and Experimental Model Analysis	August 2019 Volume 11		6.3	

Department of Information Technology

S.No.	Name of Author(s)	Title of the Paper	Name of the	Year, Volume	Page No.	Impact Factor
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1.	Dr.S.PunithaDevi	A Study on Customers Relationship Mangement Of ICICI Banks in Coimbatore City-.	International Journal Of Social Science and Economic Research	2019,4 th volume	3839-3844	-	-
2.	Mrs.K.Subashini	A Study On Customer Satisfaction towards Hero Honda Two wheeler in Coimbatore city	International Journal Of Social Science and Economic Research	2019,4 th volume	4959-4964	-	-
3.	Mrs.K.Sudha	Women Entrepreneurs Behaviour towards SBI bank loan services in Kerala state.	International Journal Of Social Science and Economic Research	2019,4 th volume	3524-3529	-	-
4.	Mrs.M.Sangeetha	A Study on Employee	International Journal Of	2019,4 th	3992-	-	-

		Motivation in Cognizant with Special Reference to Saravanampatti Branch of Coimbatore City	Social Science and Economic Research	volume	3997		
5.	Mrs.S.Manjuladevi	A Study on Buying Behaviour of Consumer at Internet Advertising in Coimbatore City	International Journal Of Social Science and Economic Research	2019,4 th volume			
6.	Mrs.K.Subashini	A Study on Consumer Buying Behaviour Towards Selected Milk Products(AAVIn, SAKTHI,HATSUN AND AROMA)in Coimbatore city	The International Journal of Analytical and Experimental Model Analysis	Dec-2019 & Volume - XI		6.3	

Department of BCA

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Dr.A.Hema	An Enriched Intuitionistic Kernel Based. K-Medoids Clustering for Indeterminacy Handling in ADHD Prediction	International Journal of Recent Technology and Engineering (IJRTE)	Volume-8 Issue-3, September 2019.	2815-2820	5.92	Scopus, Google Scholar
2.	Dr.A.Hema	“Improved Reasoning with Uncertainty Based Significant Feature Subset Selection for Alzheimer's Disease Detection”,	International Journal of Recent Technology and Engineering (IJRTE)	Volume-8 Issue-3, September 2019.	3123 - 3131	5.92	Scopus, Google Scholar
3.	M.Lalithambigai	An Enriched Intuitionistic Kernel Based. K-Medoids Clustering for	International Journal of Recent Technology	Volume-8 Issue-3, September	2815-	5.92	Scopus,

		Indeterminacy Handling in ADHD Prediction	and Engineering (IJRTE)	2019.	2820		Google Scholar
4.	K.Yemuna Rane	“Improved Reasoning with Uncertainty Based Significant Feature Subset Selection for Alzheimer's Disease Detection”,	International Journal of Recent Technology and Engineering (IJRTE)	Volume-8 Issue-3, September 2019.	3123 - 3131	5.92	Scopus, Google Scholar

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.	G. Subha and	Synthesis and characterization of	American	2019,	149-	-	Google Scholar

	M. Kalaiselvi	zinc oxide nanoparticles using <i>Curcuma amada</i> and it's <i>in vitro</i> antidiabetic activity	International Journal of Research in Science, Technology, Engineering & Mathematics	26(1)	156		
2.	D. Jessy and M. Kalaiselvi	In vitro free radical and anticancer activity of iron oxide nanoparticles synthesized using <i>Plectranthus amboinicus</i> (Lour) Spreng on MCF breast cancer cell line	International Journal of Scientific Research and Review	2019, (8)	79-95	-	Google Scholar
3.	M.Nithya Devi and Siva Subramaniam	Production of Biofuel from microorganisms	International Journal of Applied and Advanced Scientific Research (IJAASR)	2019 (4)	11-14	5.665	Scopus
4.	Ragavi Ravichandran, S. Viswanathan , V. M. Berlin Grace, Lucia Bonati, Jini Narayanan	Ameliorating effect of lipo-ATRA treatment on the expression of TIG3 and its suppressing effect on PPAR γ gene expression in lung cancer animal model	Molecular and Cellular Biochemistry	2019, 460 (1-2)	105-112	2.884	Web of Science

5.	V. M. Berlin Grace, S. Viswanathan, D. David Wilson, S. Jagadish Kumar, K. Sahana, E. F. Maria Arbin, Jini Narayanan	Significant action of <i>Tridax procumbens</i> L. leaf extract on reducing the TNF- α and COX-2 gene expressions in induced inflammation site in Swiss albino mice	Inflammopharmacology	2019 DOI: 10.1007/s10787-019-00634-0	1-10	3.838	Web of Science
6.	Gautham.P and Dr.Nithya Devi.M	<i>Invitro</i> study of the phytochemical and antioxidant activity in <i>Alangium salvifolium</i> .	World Journal of Pharmacy and Pharmaceutical sciences	2020 vol.9.issue4,	695-704	7.4	Google Scholar
7.	Gautham.P and Dr Nithya Devi.M	The cardiprotective activity of <i>Alangium salvifolium</i> of lipid profile and histological changes in isoproterenol induced myocardial infarction in rats	Indian journal of applied research.	2020 vol 9,issue 12	1-3	3.6	Google Scholar

Department of Chemistry (PG)

S.No.	Name of Author(s)	Title of the Paper	Name of the	Year,	Page No.	Impact	Indexed in
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	(Faculty Name in Bold)		Journal	Volume		Factor	Scopus/Web Science/Indian Citation Index/Google Scholar
1.	Dr. K. Kalpanadevi	Comparative studies on the magnetic and gas sensing properties of nanostructured NiFe ₂ O ₄ and Ni _{0.8} Zn _{0.2} Fe ₂ O ₄	Research Journal of Chemistry and Environment	Vol. 23(4) April 2019	17-20	0.636	Scopus, Indian Citation Index
2.	Mrs. A. Amuthavalli	Synthesis, Spectral Analysis, Molecular Docking and Biological Evaluation of Cyclohepta[<i>b</i>]indole Derivatives	Crotica Chemica Acta	Vol. 92 (3) October 2019	Published online	0.731	SCI, Scopus
3.	Dr. A. Pushpaveni	Neutral and ion-pair silver (I) complexes of Schiff bases derived from methyl and ethyl carbazates with	Inorganica Chimica Acta	Vol. 497 , 1 November 2019,	119072	2.046	Google Scholar

		glyoxylic acid: Synthesis, structure, thermal behavior and cytotoxic ...					
4.	Mrs.V.Ramya	Synthesis, Characterization and Antimicrobial Evaluation of Pyrimido Cyclohept[<i>b</i>] Indole Derivatives”,	<i>Der Pharma Chemica</i>	Vol.11(3): 2019	27-31	0.232	Scopus, Google Scholar
5.	A. Amuthavalli, B. Prakash, D. Edison, R. Thirugnanasampandan, M. Gogulramnath, G. Bhuvaneswari, R. Velmurugan,	Synthesis, Molecular Docking, Antibacterial, Antioxidant and Cytotoxicity Activities of Novel Pyrido- Cyclopenta[<i>b</i>]Indole Analog	<i>Synthetic Communications</i>	2020, Vol. 50,	pp. 1176- 1189.	1.796	Scopus, Web of Science, SCIE

Department of Commerce PA

S.No.	Name of Author(s)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web
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	(Faculty Name in Bold)						Science/Indian Citation Index/Google Scholar
1.	Dr.B.Divya Priya	Women Advocates and Work-life Balance (A Study on Selected Women from Coimbatore-Bar Council)	<i>The International Journal of Analytical and Experimental and Nodal Analysis</i>	XI, VIII, August 2019			UGC CARE Group A - Scopus Indexed
2.	Dr.M.Revathi Bala	Perception of Employees of Local Bodies towards training and development	<i>EduIndex Journal</i>	2020 Vol - 40	4518 - 4523	-	-
3.	Dr.M.Revathi Bala	Impact of Training on Urban Project Management	<i>JICR Journal</i>	2020, Vol - XII	01 to 05	6.2	-

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S.No.	Name of Author(s)	Title of the Paper	Name of the	Year,	Page No.	Impact Factor	Indexed in
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	(Faculty Name in Bold)		Journal	Volume			Scopus/Web Science/Indian Citation Index/Google Scholar
1.	V.REGHA	A STUDY ON CUSTOMER USAGE AND AWARENESS OF DIGITAL PAYMENT SYSTEM IN COIMBATORE CITY	JETIR	2019, 12	909-916	5.87	
2.	S.NIKILALOCHANI	A STUDY ON PROBLEM FACED BY TEXTILE INDUSTRY DUE TO COTTON PRICE FLUCTUATION IN TIRUPUR	IJRAR	2019, 6	23-34	5.75	
3.	M.DHARANIPRIYA	A STUDY ON RISK AND RETURN ANALYSIS OF	CIKITUSI JOURNAL FOR MUTIL	2019, 6 VOLUME	203-213	6.10	-

		SELECTED COMPANIES IN NIFTY 50	DISCIPLINARY RESEARCH				
4.	Ms.C.Nandhini	Opportunities and Challenges of Business in the Changing Scenario	Our Heritage Journal	Jan - 2020,Vol.68,	Pg.no.3663-3666,		ISSN : 0474-9030
5.	Mrs.K.Anitha	A Study on Financial Statement Analysis of Eastern Condiments Pvt. Ltd	Our Heritage Journal	Feb 2020,Vol.68,	Pg.no.3659-3666,		ISSN : 0474-90009030
6.	Ms.M.Dharanipriya	A Study on Consumer Behaviour and Satisfaction towards Retail Departmental Stores With Special Reference to Coimbatore	International Journal of Research Culture Society.	Jan - 2020,Vol.4	Pg.no.68-74,		ISSN : 2456-6683

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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.	P. Senthilkumar, G. Yaswant, S. Kavitha, E. Chandramohan, G. Kowsalya, R. Vijay, B. Sudhagar, D.S. Ranjith Santhosh Kumar	Preparation and characterization of hybrid chitosan-silver nanoparticles (Chi-Ag NPs); A potential antibacterial agent	International Journal of Biological Macromolecules	141 (2019)	290–297	4.7	Science Citation Index
2.	P Senthilkumar, L Surendran, B Sudhagar, DS Ranjith santhosh kumar and G Bupesh	Hydrothermal assisted Eichhornia crassipes mediated synthesis of magnetite nanoparticles (E-Fe ₃ O ₄) and its antibiofilm activity	Materials	6 (2019)	095405	1.44	Science Citation Index expanded

			research express				
3.	G. Anbarasi, M. P. Arulmoorthy and R. Suresh.	In-Silico Analysis of Structural and Functional Aspects of Salt Responsive Protein of SKP-1Like Protein 1A.	In-Silico Analysis of Structural and Functional Aspects of Salt Responsive Protein of SKP-1Like Protein 1A.	2019, 9(2)	269-277		Google Scholar
4.	M. P. Arulmoorthy and G. Anbarasi.	Isolation and identification of luminescent bacteria from mangrove areas in parangipettai coastal areas, southeast coast of India.	Kongu. Res. J	2019, 6(2)	76-80		Google Scholar
5.	Sharmila Chandran, Prabhavathi Venkatesan, Dinesh Bheeman, Ranjithkumar. R and Chandarshekar Bellan	. Shape controlled synthesis of dextran sulfate stabilized silver nanoparticles: Biocompatibility and anticancer	Material Research Express,	6(4), (2019)	1-7	1.4	SCI

		activity,					
6.	Bharathi. D, Ranjithkumar. R, Chandar Shekar. B, Bhuvaneshwari. V.	Preparation of chitosan coated zinc oxide nanocomposites for enhanced antibacterial and photocatalytic activity: As a bionanocomposite.	International Journal of Biological Macromolecules	129, (2019).	989- 996	4.7	SCI
7.	Bharathi.D, Ranjithkumar. R, Vasantharaj.S, Chander Shekar. B, Bhuvaneshwari. V.	Synthesis and characterization of chitosan/iron oxide nanocomposite for biomedical applications,	International Journal of Biological Macromolecules,	132, (2019).	880- 887	4.7	SCI
8.	Bharathi. D, Ranjithkumar. R, Chandar Shekar. B, Bhuvaneshwari. V.	Bio-inspired synthesis of chitosan/copper oxide nanocomposite using rutin and their anti- proliferative activity in human	International Journal of Biological Macromolecules,	141, (2019).	476- 483	4.7	SCI

		lung cancer cells,					
9.	R.P.Senthilkumar, V. Bhuvaneshwari, V. Malayaman, G. Chitra, R. Ranjithkumar, K.P.B. Dinesh and B. Chandar Shekar,	Biogenic method of cerium oxide nanoparticles synthesis using wireweed (<i>Sida acuta</i> Burm.f.) and its antibacterial activity against <i>Escherichia coli</i> .	Material Research Express	6, (2019)	1-6,	1.4	SCI
10.	Anbarasi. G and Somasundaram	Growth regulation and proteomic approaches of exogenous abscisic acid induced changes on salt tolerance factors in <i>suaeda maritime</i>	Plant physiology report	2019, 25	33-50	-	Scopus/Web Science/Indian Citation Index/Google Scholar
11.	M. R. Anusha, Veluswamy Bhuvaneshwari, Manokaran Kalaiselvi, Akbar Ali Amrin, and Ramasamy Amsaveni	In vitro Anti-Inflammatory Activity of <i>Hibiscus Schizopetalus</i> (Dyer) Hook. f.	Advanced Science, Engineering and Medicine	2020, 12	1-5	-	EMBASE (Elsevier)

12.	G. Bhuvaneshwari, R. Thirugnanasampandan, M. Gogul Ramnath	Effect of colchicine induced tetraploidy on morphology, cytology and essential oil composition, gene expression and antioxidant activity of Citrus limon (L.) Osbeck	Physiology and Molecular Biology of Plants	2020, 26	271-279	2.00	Scopus/Web Science/Indian Citation Index/Google Scholar
13.	A. Amuthavalli, B. Prakash, R. Thirugnanasampandan, M. Gogul Ramnath, G. Bhuvaneshwari and R. Velmurugan	Synthesis, molecular docking, antibacterial, antioxidant and cytotoxicity activities of novel pyrido-cyclopenta[b]indole analogs	International Journal for Rapid Communication of Synthetic Organic Chemistry	2020, 50	1176-1189	1.43	Scopus/Web Science/Indian Citation Index/Google Scholar
14..	Sharmila Chandran, Thilagavathy Ponnusamy, Dinesh Bheeman, Ranjithkumar R,	Dextran sulfate stabilized silver nanoparticle: next generation efficient therapy for cancer	International Journal of Applied Pharmaceutics	2020	59-63	-	Scopus

	Chandarshekar Bella						
15.	P. Ning, C.C. Liu, Y.J. Wang, X.Z. Li, R. Ranjithkumar, Z.H. Gan, Y.Y. Wu , T. Fu.	Facile synthesis, antibacterial mechanisms and cytocompatibility of Ag-MnFe ₂ O ₄ magnetic nanoparticles.	Ceramic International	2020	20150-20115	3.83	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	C.Vignesh Kumar, P. Sathishmohan & V. Rajendran	On Nano Semi Pre- Irresolute Functions in Nano Topological Spaces	Advances in Mathematics	2020, 9(5)	2931-2944	1.372	Scopus
2	K. Baby, J. Chandhini & B. Madhumitha	On $*Sg*\alpha$ - Closed sets in Topological Spaces	Journal of Applied Science and Computation	2020, 7(4)	140-151	5.8	Google Scholar
3	S. Dhanalakshmi, M.Vinitha & R.Poongodi	Existence and Uniqueness of solutions for nonlinear fractional integrodifferential equations with non-local boundary conditions	Malaya Journal of Mathematik	2019, 7(4)	759-766	-	Google Scholar

Research paper published by faculty members (National Journals):

Department of Biochemistry (UG)

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.	Sushma. P, Bindu Jacob ¹ and R.T. Narendhirakannan	Evaluation of antioxidant and cytotoxicity properties of amygdalin extracted from <i>Prunus dulcis</i>	Kongunadu Research Journal	2019, 6(2)	8-12	-	-
2.	Dr. Narendhirakannan R.T.	Mycelial growth characteristics of <i>Pleurotus citrinopileatus</i> and <i>Pleurotus platypus</i> in culture media variants	Indian Journal of Agricultural Biochemistry	32 (2), 2019	200-205	-	Scopus Google Scholar
3.	Dr. K. Nirubama	A Green Way Genesis of Silver Nanoparticles, Characterization and Thrombolytic Activity	Journal of Bio nanoscience	12, 2018	184-190	0.14	Indexed in Scopus

		<i>of Andrographis</i>					
4.	Dr. Narendhirakannan R.T.	Mycelial growth characteristics of <i>Pleurotus citrinopileatus</i> and <i>Pleurotus platypus</i> in culture media variants	Indian Journal of Agricultural Biochemistry	32 (2), 2019	200-205	-	Scopus Google Scholar
5.	Dr. K. Nirubama	A Green Way Genesis of Silver Nanoparticles, Characterization and Thrombolytic Activity of <i>Andrographis</i>	Journal of Bio nanoscience	12, 2018	184-190	0.14	Indexed in Scopus

Department of Maths (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
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							Citation Index/Google Scholar
1.	V.Aparna and N.Mohanapriya	On r - dynamic coloring of some graphs	Kongunadu Research Journal	2020,Vol.7	82-87	-	Google Scholar
2.	C.S.Gomathi, N.Mohanapriya	On r-Dynamic Vertex Coloring Of Some Graphs	Kongunadu Research Journal	2020,Vol.7	76-81	-	Google Scholar

Department of Zoology

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
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	Bold)						Science/Indian Citation Index/Google Scholar
1.	Deepak.kparhi, sahana, yasmine, T.Sridhar, MP. Deepthi and Dr.P.Kathireswari	Isolation and Characterisation of gut bacterial species of earthworm lampito mauritii	Kong.res.j6(2 15-50 pages 2019	j6(2 15-50 pages 2019	45-50	-	-
2.	Manivannan, S and Bhuvaneshwari S	Evaluation of Anti-Fungal potential of Cinnamomum Zeylanicum Blume (Lauraceae) Barks extract for Onychomycosis	Kongunadu Research Journal	2019, 6 (2)	51-55	-	-
3.	Bharathi.P and Dylin Raja Sheribha	Plant insect interaction and crop protection: A dynamic analysis	Kongunadu Research journal	2019, 6(2)	66-71	-	-
4.	Theresa Leo and	Wetland Resource Utilization	Kongunadu	2019,	56-60	-	-

	Meiyalagan Velayutham	By Spot-Billed Pelicans In Coimbatore, Tamil Nadu	Research Journal	6(2)			
5.	Nithya Davis, P. Usha Rajalakshmi and T. Sakthivel,	Mixed Metal Oxide Mesoporous Nanoparticles For Environmental Remediation	Kongunadu Research Journal	6(2)	61-65	-	-
6.	V. Dhivyasree and M. Lekeshmanaswamy	Elivational survey and diversity of butterfly species in kallar region,Coimbatore,Tamilnadu, India.	Journal of advanced scientific research. ISSN: 0976-9595	2020 11			Google Scholar
7.	Anjana V.J and M.Lekeshmanaswamy	Biomass increase and preliminary phytochemical screeening of azolla microphylla kaulf grown under four soil nutrient medium	Journal of advanced scientific research. ISSN: 0976-9595	2019 12			Google Scholar
8.	Deepthi. M.P, K. Saminathan, Kathireswari. P,	Beneficial influence of elephant dung on conventional vermitechnology,	Journal of advanced scientific research. ISSN: 0976-	2019 10	60-66		Google Scholar

			9595				
9.	Deepthi. M. P, Jijo George, Kathireswari. P	Influence of Elephant Dung on Fecundity and Growth Rate of Earthworm Eudrilus eugeniae.	Journal of experimental biology and agricultural sciences. ISSN: 2320-8694	2019 7	587-592		Scopus indexed
10.	Rini Joseph and P. Kathireswari*	EFFICACY LEAF LITTERS AS SUBSTRATE ON REPRODUCTIVE POTENTIAL OF EPIGEIC EARTHWORM EUDRILUS EUGENIAE	Indian Journal of Ecology ISSN 03045250	2020 47	186-189	0.13	Indian /Scopus indexed/ UGC Approved-48981 Journal
11.	Joseph John, Jijo George, Rini Joseph, Kathireswari.P and	EARTHWORM POPULATION IN RELATION TO DIFFERENT AGRO CLIMATIC REGION OF WAYANAD DISTRICT KERALA	Mapana Journal of Sciences ISSN 0975-3303	2019	63-73		Google Scholar

12.	Amrutha T., Ananya P. and Rajeshkumar S.*	Preliminary Report on Butterfly diversity in Kallar Horticulture Farm, Western Ghats, Tamil Nadu, India. Volume 9, Issue 1,	World Journal of Pharmacy and Pharmaceutical Sciences.	2020.	874-909.	(IF - 1.208)	Nil
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Department of Physics

S.No.	Name of Author(s) (Faculty Name in Bold)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor	Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
1.	N. Manivannan , B. Chandar Shekar, C.K.Senthil Kumaran and S.Sugapriya	Structural, Morphological, Opto-luminescence and magnetic behavioral variations of Co-ZnS hybrid nanoparticles	Indian Journal of Physics	(2019)	pp 1-7	1.242	Indian Citation Index

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.	Subburaj Bhuvaneshwari and Ramasamy Amsaveni	Role of c-peptide as a biomarker for diabetes – a mini review	Kongunadu Research Journal	6(2): 2019	72-75	-	-
2.	Vidhya, P., A. Ranjitha, A.S. Balaganesh, Ranjithkumar. R and B. Chandar Shekar,	Structural and optical properties of cadmium sulfide nanoparticles prepared by precipitation method,	Kong. Res. J.	6(1): (2019)	22-23,	-	-
3.	Dinesh, B Ranjithkumar. R, C. Sharmila, K. Selvam and B. Chandar	Anticancer activity of silver nanoparticles against	Kong. Res. J	. 6(1): (2019).	24-28,	-	-

	Shekar,	human breast cancer cell line,				
4.	M. P. Arulmoorthy and G. Anbarasi.	Isolation and identification of luminescent bacteria from mangrove areas in parangipettai coastal areas, southeast coast of India. 2019.	Kong. Res. J.	2019, 6(2)	76-80.	Google Scholar
5.	G. Anbarasi	Seed germination ability and protein profiling of salt marsh plants at a different concentration of sodium chloride	Indian Journal of Geo-Marine Sciences	(Accepted article)		Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
6.	G. Anbarasi	Occurrence of the near threatened tiger shark, <i>Galeocerdo cuvier</i> (Peron and Lesueur, 1822) from Cuddalore coast, Tamil nadu, Southeast coast of India	Indian Journal of Geo-Marine Sciences	(Accepted article)		Indexed in Scopus/Web Science/Indian Citation Index/Google Scholar
7.	Pavithra. N, Shiva Subramani M,	Bio-assisted synthesis of ferric sulphide nanoparticles for agriculture applications.	Kong. Res. J.,	2020	35-38 -	Google Scholar

	Balaganesh A.S, <u>Ranjithkumar.</u> R, Dinesh, K.P.B, Chandar Shekar.					
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National Journals:

Biochemistry -5

Mathematics -2

Zoology -12

Physics -1

Biotechnology -7

Total 27