



அரசு கலை மற்றும் அறிவியல் கல்லூரி  
சக்தியமங்கலம் - 638 401, ஈரோடு மாவட்டம், தமிழ்நாடு.

**GOVERNMENT ARTS AND SCIENCE COLLEGE**

(Recognized u/s 2(f) & 12 (B) of the UGC Act, 1956. A Co-educational institution affiliated to Bharathiar University, Coimbatore)

SATHYAMANGALAM - 638 401, ERODE DISTRICT, TAMIL NADU.

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### 3.3 Research Publications and Awards

S.No	Academic Year	Number of Research Papers	Total
1	2022-2023	3	31
2	2021-2022	5	
3	2020-2021	3	
4	2019-2020	13	
5	2018-2019	7	



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**3.3.1 Number of research papers published in the Journals notified  
on UGC care list during the last five years  
Year wise publication details**

Sl. No	Title of the paper	Name of the Author/s	Department	Name of the journal	Year of the publication	ISBN No.	Links
1	Impact of smart phone android app usage on sustainable economic change in Chennai City	Dr. K. Jayaraj	Visual Communication	Mass Communicator: International Journal of Communication Studies	2023	Volume 17 (1) E-ISSN : 0973-967X P-ISSN: 0973 - 9688	
2	Near rings characterized by intuitionistic fuzzy weak bi ideals	K. DHILIP KUMAR Dr.M.Ramachandran	Maths	AfrikaMathematika (Springer) [Accepted for Publication].	2023	ISSN: 1012-9405,2109-7668	
3	ValviyalilInaithalyarkaiEzhil	Dr. C. Vanmathi	Tamil	UngalNoolagam	2022	2394-7535-87	
4	Synthesis, characterization of Mn, Fe doped ZrO2 composites and its applications on photocatalytic and solar catalytic studies	Sakthisharmila P, Sivakumar N, Mathupriya J	Chemistry	Materials Today: Proceedings	2021	22147853	https://doi.org/10.1016/j.matpr.2021.05.461
5	A System for neural network	Dr.E.Bharathi	Computer Science	Journal of Fundamental	2021	2277-7067	



  
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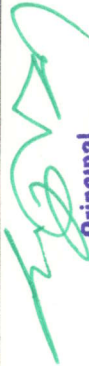
	computing using asynchronous federated learning				and comparative Research		
6	Wireless Sensor networks consistent and honest routing scheme	Dr.E.Bharathi	Computer Science	ANVESAK	2021	0378-4568	
7	Perception on Online Education using Social Media Learning among Higher Secondary School Students with special reference to Pandemic Period	Dr. K. Jayaraj	Visual Communication	International Journal of Aquatic Science	2021	Vol12, Issue 02, ISSN - 2008-8019	
8	Adoption of ICT Uzhavan Mobile Application tools by Farmers	Dr. K. Jayaraj	Visual Communication	Design Engineering	2021	Issue 8, ISSN: 011-9342	
9	Near rings characterized by intuitionistic fuzzy bi ideals	K. DHILIP KUMAR Dr.M.Ramachandran	Maths	DiscussionsMa thematcae - General Algebra and Applications	2020	ISSN: 1509-9415, 2084-0373	
10	Internet Usage among Univ. students : A survey in Periyar University, Salem, TN	Dr. K. Jayaraj	Visual Communication	Kala Sarovar(UGC Care Group -1 Journal)	2020	Vol 23, No.02(II ) ISSN : 0975-4520	
11	Study on Information and	Dr. K. Jayaraj	Visual Communication	Kala Sarovar(UGC Care Group -1	2020	Volume 23 No.02 (II) ISSN	



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	communication technology in higher education in Tamil Nadu with specific reference to Coimbatore district.			Journal)	0975 - 4520	
12	Reconnoitering ethnic values of non-commercial & Advertisements - a perceptual analysis	Dr. K. Pongiannan	Commerce	Sanskriti international & Multidisciplinary research journal	2019	ISSN: 2455-1511
13	Role of online advertising in digital era for business sustainability - a conceptual analysis	Dr. K. Pongiannan	Commerce	Journal of Emerging Technologies and Innovative Research (JETIR)	2019	ISSN- 2349-5162
14	Pillaitamizhil Ilakkiyankal	Dr. A. Palanisamy	Tamil	AayuthaEluthu	2019	2278-7550
15	Sangakaalath-thavarin Kalvi Arivu Nutpangal	Dr. C. Vanmathi	Tamil	AayuthaEluthu	2019	2278-7550
16	Kalaiyum Panpadum	Dr. A. Palanisamy	Tamil	Literary Findings	2019	2278-2311
17	Panpaatiparaisarrum sangakala Ulavuthzholil	Dr. C. Vanmathi	Tamil	Literary Findings	2019	2278-2311
18	The Women Characters Portrayed by The Eye of Ecofeminism	P K Kavipriya	English	Literary Endeavour	2019	0976-299X
19	Study on Functionalities and Operation	Dr.N.Parthiban	BBA	Global Journal for Research Analysis	2019	P-ISSN NO:2270-8160



  
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	with special reference to Marry Brown - Chennai	Dr.N.Parthiban	BBA	Global Journal for Research Analysis	2019	P-ISSN NO:2270-8160
20	The Effect of Equity investment on Non-Traders and stopped Traders - Analysis on Investors' Perception	Dr.N.Parthiban	BBA	Sanskriti International Multidisciplinary Research Journal	2019	E-ISSN:24 55-1511
21	Analysis of Companies among Different Portfolios for Investment	Dr.N.Parthiban	BBA	Paripex-Indian Journal of Research	2019	P-ISSN NO:2250-1991
22	The Effect of equity Investment on Traders and active customer in ICICI Securities	Dr.N.Parthiban	BBA	International Journal of Interdisciplinary Research and Innovations	2019	E-ISSN 2348-1226, P-ISSN 2348-1218
23	The News Consumption Trends among digital natives	Dr. K. Jayaraj	Visual Communication	Sanskriti International Multidisciplinary Research Journal	2019	ISSN:24 55-1511
24	Marketing, Plan for Launching a New Product (Pocker watch) An Evocative analysis	Dr.N.Parthiban	BBA	International Journal of Scientific Research in computer	2018	ISSN 2319-1953
25	Impulse Buying Behaviour	Dr. K. Pongiannan	Commerce			

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26	Homomorphism in intuitionistic fuzzy weak bi ideals of near rings	Dr.M.Ramachandran K.Dhilip Kumar	Maths	Journal of Physics: Conference series	2018	ISSN: 1742-4562,
27	Interval Valued Anti-Fuzzy Weak Bi-ideals of Near Rings	Dr.M.Ramachandran K.Dhilp Kumar	Maths	International Journal of Applied Engineering Research	2018	ISSN: 0973-4562, 0973-9769
28	"INTERVAL VALUED FUZZY WEAK BI-IDEALS OF NEAR RINGS"	Dr.M.Ramachandran K.Dhilip Kumar	Maths	, The Journal of Analysis (Springer)	2018	ISSN 0971-3611, 2367-2501
29	A Note on Characterization of intuitionistic Fuzzy Bi-Ideals of Near Rings	Dr.M.Ramachandran K.Dhilp Kumar	Maths	International Journal of Fuzzy Mathematical Archive	2018	ISSN: 2320-3242, 2320-3250
30	Some Properties of Intuitionistic fuzzy bi-ideals of near rings	Dr.M.Ramachandran K.Dhilp Kumar	Maths	International Journal of Fuzzy Mathematical Archive	2018	ISSN:22 29-5046
31	The Usage of Internet and e-learning practice among the college students with special reference to Hindusthan College of Arts & Science Coimbatore	Dr. K. Jayaraj	Visual Communication	International Journal of Applied Social Science	2018	Volume 2(2) ISSN : 2394-1405



  
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