

Achievements of Faculty Members								
Academic	Number of Research papers published in Journals	Number of Patents Granted	Number of papers published in National Conferences	Number of papers published in international conferences	Number of Books Authored	Number of Book chapters authored	Number of New externally funded research projects received	Fund received during this academic year
2023 - 2024	32	-	10	-	1	-	-	-

(1) Externally funded Research Projects (Government and non-government sources such as industry, corporate houses, international bodies)

S.No	Name of the PI (CI, if applicable)	Name of the Funding Agency	Title of the Research Project	Type (Government/Non-Government)	Duration of the project	Funds Received in Rs.	Date of Award
NIL							

(2) Papers Published in the Journals listed in SCOPUS/WoS/UGC Care

S.No	Author	Title of the Paper	Name of the Journal	National / International	ISSN/ ISBN No.	Impact Factor	h-index	Citation Index & No. of Citations (Excluding Self) Citation	Vol (Page)	Month & Year	Link for the paper	Link to the Recognition in UGC Enlistment of the Journal	CARE / SCOPUS / Web of Science, etc
1	Dr.F.Kurus Malai Selvi ,Dr.E.Suganthi,	Host Detection Approach using Optimization and Boosting Classifier in Cloud Computing	Indian Journal of Natural Sciences	International	ISSN:0976-0997	3.078	-	nil	Vol.14/Issue 81/	Dec-23	https://tnsroindia.org.in/JOURNAL/issue81/IJONS%20-%20DECEMBER%202023%20-%20FULL%20TEXT%20PART%2001.pdf		
									P.No 64498-64510				

2	Dr.F.Kurus Malai Selvi Dr.E.Suganthi,	Cloud Computing by Implementing State and Random-Based Virtual Machine Load Balancing Model	International Journal of Intelligent Engineering and Systems	International	ISSN:2185-3118	3.2	40	1	Vol.17, No.3, 2024 DOI: 10.22266/ijies2024.0630.08	June	https://inass.org/wp-content/uploads/2023/12/2024063008-2.pdf		
									P.No:92-101	2024			
3	Dr.F.Kurus Malai Selvi Dr.E.Suganthi,	Weight factor and priority-based virtual machine load balancing model for cloud computing	International Journal of Information Technology	International	ISSN:2511-2104 E-ISSN:2511-2112	0.717	46	8	Volume 16, Issue 8, P.No 5271-5276	August 2024	https://link.springer.com/article/10.1007/s41870-024-02119-y		
ENGLISH													
4	P.Nithya	Feminist & Ethnicity in Toni Morrison's The Bluest Eye	Aadhunik Sahitya Journal	-	2277-7083	-	-	-	47	July -Sep 202	-	-	UGC Care List
5	P.Nithya	Psychological Trauma in Toni Morrison's Sula	Aadhunik Sahitya Journal	-	2277-7083	-	-	-	47	July -Sep 202	-	-	UGC Care List
TAMIL													
6	V.Manju	Velir-Vendar- manbug	Arimaa Nokku	National	ISSN 2320-4842				19	April,2025	https://share.google/VZCdvlIUbzW0bMCdP	https://share.google/vuXovhuTjIZcz9mNZ	CARE
ZOOLOGY													
7	DR. V. Kavitha	Vermicomposting of Poliyalthia longifolia and Samanea saman Leaf Litters by using Indian Earthworm L.mauritii (Kinberg).	Indian Journal of Natural Sciences.	International	0976 – 0997.					2023	21. https://isindexing.com/isi/journaldetails.php?id=8966.		SCOPUS/ UGC CARE
8	DR. V. Kavitha	A Heavy Metal Contamination in Cauvery River Water – A Case Study of Kumbakonam, Thanjavur District, Tamil Nadu.	Journal of Emerging Technologies and Innovative Research.	International	2349-5162					2023	21. http://jetir.org/jetir%20ugc%20approval.pdf.		SCOPUS/ UGC CARE

9	DR. V. Kavitha	Bioaccumulation of Aluminium Chloride in Different Organs of Freshwater Fish <i>Labeo rohita</i> (Ham.).	Uttar Pradesh Journal of Zoology	International	0256-971X (P).				Volume 45, Issue 16,	2024		SCOPUS/ UGC CARE
10	DR. V. Kavitha	Optimizing Vermicomposting of Coffee and Tea Wastes Using the Indian Earthworm <i>Lampito mauritii</i> : A Sustainable Waste Management Approach	Uttar Pradesh Journal of Zoology,	International	0256-971X (P).				Volume 45, Issue 22	2024		SCOPUS/ UGC CARE
11	DR. V. Kavitha	Seasonal and Spatial Variations of Heavy Metals in the Kollidam River: Implications for Water Quality and Aquatic Health.	Uttar Pradesh Journal of Zoology	International	0256-971X (P).				Vol. 45, (23),	2024		SCOPUS/ UGC CARE
GEOGRAPHY												
12	S.GEETHA	A sustainable approach to	EGU General	International	ISSN: Not	NA	NA		EGU23-1358	24-28 Apr	https://doi.org/10.5194/egusphere-egu23-1358	Copernicus Publications on
13	Dr.S.GEETHA	Landfill leachate analysis from selected landfill sites and its impact on			ISSN: 1573-2975 Print ISSN: 1387-585X	4.2	96		Vol 27, pages 12537-12562	#####	DOI:10.1007/s10668-023-04403-6	Springer: Environment, Development and
13	Dr.S.GEETHA											
PHYSICS												
14	K Rajaswathi, S Bhuvaneswari, R Radha, P Muruganandam	<u>13.Dispersion engineering in spin-orbit-coupled spinor F=1 condensates driven by negative masses</u>	Physical Review A	International	2469-9926	3					https://journals.aps.org/pr/a/abstract/10.1103/PhysRevA.108.033317	All

15	R Radha, CS Kumar	<u>14. Comment on Painleve Integrability and Multi-wave pattern for (2+ 1) dimensional Long wave-Short wave Resonance Interaction system'</u>	arXiv preprint arXiv:2308.07043	International	NIL	NIL				volume 10	2023/9	https://arxiv.org/abs/2308.07043		All
16	S Bhuvaneswari, R Muthuganesan, R Radha	<u>Thermal quantum correlations and teleportation in a graphene sheet:</u>	Applied Physics B	International	0946-2171	1.8				Volume 12	22-Apr-23	https://link.springer.com/article/10.1007/s00340-023-08013-y		All
17	R Muthuganesan, S Bhuvaneswari, R Radha	<u>16. Characterizing nonclassical correlations of tensorizing states in a bilocal scenario:</u>	Quantum Information Processing	International	1570-0755	2.2				volume 12	2023/5	https://link.springer.com/article/10.1007/s11128-022-03789-y		All
18	K Parasuraman, C Inmozhi, T Thilagavathi, M Kumar, MER Saravanan	Sankaranarayanan-Ramasamy (SR) technique L-threonine lithium chloride single crystal: unidirectional growth, optical and mechanical studies	Materials Today: Proceedings	International	2214-7853					NIL	25-May-23	https://www.sciencedirect.com/science/article/abs/pii/S221478532302919X		All

19	S Logambal, T Thilagavathi, M Chandrasekar, C Inmozhi, PBE Kedi,	Synthesis and antimicrobial activity of silver nanoparticles: incorporated couroupita guianensis flower petal extract for biomedical applications	Journal of King Saud University-Science	International	1018-3647	3.3				Volume 35	01-Jan-23	https://jksus.org/synthesis-and-antimicrobial-activity-of-silver-nanoparticles-incorporated-couroupita-guianensis-flower-petal-extract-for-biomedical-applications/		All
20	S Renuka, V Hariharan, J Vinoth Arulraj, P Sutharsan, B Gokulakumar, K Dhanaraj	Evaluation of antibacterial activity using Aervalanata and Millettia pinnata leaf extracts mediated ZnO and Cu-doped ZnO nanoparticles,	Global Nest Journal	International	1790-7632	1.7				Volume 25	April 25, 2023	https://cosmos.gnest.org/sites/default/files/Submissions/gnest_04655/gnest_04655_published.pdf		All

21	V Hariharan, S Renuka, P Sutharsan, K Dhanaraj	Unburned carbon from bagasse fly ash to produce activated carbon in a single-stage chemical process	international journal of current science research and review	International	2581-8341	8.048				Volume 06	01-Jan-23	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=DIs0g1EAAA&sortby=pubdate&citation_for_view=DIs0g1EAAA&W7OEmFMy1HYC		All
22	CB Malar, S Akilandeswari	4.Efficient wastewater discharge location speculation system based on ensemble classification	International Journal of Advanced Intelligence Paradigms	International	1755-0386	NIL				Volume 28	2024	https://www.inderscienceonline.com/doi/abs/10.1504/IJAI.2024.140091		All
23	GR S. Akilandeswari, M. Niranjana	5.Fabrication of bare and Cobalt doped PbMoO4 Nanoparticles: Enhanced photocatalytic activity under visible light irradiation	AEGAEUM JOURNAL	International	0776-3808	NIL				Volume 12	2024	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=viUIS2UAAA&sortby=pubdate&citation_for_view=viUIS2UAAA&AJ:J_g5IzvAfSwC		All

24	GR S. Akilandeswari, M. Niranjana	6.Ce doped PbMoO ₄ nanoparticles: An efficient visible light triggered photocatalyst with enhanced structural, optical and photocatalytic properties	Strad Research	International	0039-2049	NIL			Volume 11	2024	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=viUIS2UAAA&sortby=pubdate&citation_for_view=viUIS2UAAA&AJ:NaGl4SEjCO4C		All
25	G Rajesh, S Akilandeswari, PS Kumar, VU Shankar, M Ramya, K Nirmala	7.The consequence of Mg and Mn doping on the structure, photoluminescence, morphology, and photocatalytic performance properties of t,m-ZrO ₂ nanoparticles ...	Applied Nanoscience	International	2190-5509	NIL			Volume 13	2023/6	https://link.springer.com/article/10.1007/s13204-022-02579-3		All
26	G Rajesh, PS Kumar, S Akilandeswari, G Rangasamy, S Lohita, V Uma Shankar, M Ramya, K Thirumalai	Preparation and characterization of a novel cobalt-substitution cadmium aluminate spinel for the photodegradation of azo dye pollutants	Chemosphere	International	0045-6535	NIL			Volume 32	01-May-23	https://www.sciencedirect.com/science/article/abs/pii/S004565352300499X		All

27	S Mahalaxmi, G Rajesh, PS Kumar, S Akilandeswari, MA Joshua, V Uma Shankar, M Ramya, K Thirumalai, Gayathri Rangasamy	9.Fabrication of an effectual, stable and reusable Mg-doped CdAl ₂ O ₄ nanoparticles for photodegradation of toxic pollutants under visible light illumination	Chemosphere	International	0045-6535	NIL			Volume 32	01-May-23	https://www.sciencedirect.com/science/article/abs/pii/S0045653523004459		All
28	G Rajesh, PS Kumar, S Akilandeswari, G Rangasamy, S Lohita, V Uma Shankar, M Ramya, K Nirmala, K Thirumalai	10.Strategies for ameliorating the photodegradation efficiency of Mn-doped CdAl ₂ O ₄ nanoparticles for the toxic dyes under visible light illumination	Chemosphere	International	0045-6535	NIL			Volume 32	01-Apr-23	https://www.sciencedirect.com/science/article/abs/pii/S0045653523003363		All
29	G Rajesh, PS Kumar, S Akilandeswari, G Rangasamy, A Mandal, V Uma Shankar, M Ramya, K Nirmala, K Thirumalai	11.A synergistic consequence of catalyst dosage, pH solution and reactive species of Fe-doped CdAl ₂ O ₄ nanoparticles on the degradation of toxic environmental pollutants	Chemosphere	International	0045-6535	NIL			Volume 31	01-Mar-23	https://www.sciencedirect.com/science/article/abs/pii/S0045653523001868		All
30	G Rajesh, PS Kumar, G Rangasamy, S Akilandeswari, A Mandal, V Uma Shankar, M Ramya, K Nirmala, K Thirumalai	12.Fabrication of a novel Ni-doped CdAl ₂ O ₄ nanoparticles and applications in photo-oxidation processes under visible light illumination	Molecular Catalysis	International	2468-8274	4.3			Volume 53	15-Jan-23	https://www.sciencedirect.com/science/article/abs/pii/S2468823122007210		All
31	Ramalingam Selvi, GovindharajanGokila, AravazhiAmalanThiruvalluvar, Raju Sarangapani Sundararajan	2. Synthesis, crystal structure and Hirshfeld surface analysis of sodium bis (malonato) borate monohydrate	Structure Reports	International	2056-9890	0.5			E80, 180-11	2024	https://journals.iucr.org/e/issues/2025/09/00/hb8150/index.html		All

32	kiruthika Swaminathan,Ramesh Kuppusamy,Viruthagiri Govindaraju,Thilagavathi Thirugnanam ,Ayyar Dinesh,Sasikala Ponnusamy ,Munawar Iqbal and Manikandan Ayyar	3. Effect of reducing agents on structural, morphological, optical and electrochemical properties of Mn2O3 nanoparticles by co-precipitation method	De-Gruyter	International	NIL	NIL				Volume 23	December 1	https://www.degruyterbrill.com/document/doi/10.1515/zpch-2023-0391/html?srsId=AfmBOop0gqANcPTrm9We-WSAY8unDIAFMdvzF7u6b_8GIZKmyAvMka_z	All
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(3) Papers Presented in Conferences

S.No	Name of the Faculty	Title of the Paper	Name of the	Title of the Proceedings of	Name of the Conference	National / International	Vol., Issue &	Month & Year	ISSN/ ISBN
Computer Science									
1	M.Niranjana, Dr.F.Kurus Malai	"A survey of Rice Grain classification	E.G.S pillay Engineering	International Conference on	Research and Development	International	Vol 4,pages	Apr-25	ISBN:978-989-758-
HISTORY									
1	Dr.P.P.Sujatha	Sakshinathar koyil kattadakalai oru Ayivu	PG and Research Department of History, Government College for Women(A),Kumbakonam	Temple culture in Tamilnadu Through the Ages		National level	-	22.12. 2022	-
2	Dr.P.P.Sujatha	Kudanthai Nageswaran koyil seermihu sirpangal	PG and Research Department of History, Government College for Women(A),Kumbakonam			National level		21 .07.2023	

3	Dr M.Kala	Arachalur Kalvettukal Unarthum Isaikuripugal		Remembering the Cultural Heritage of Tamilnadu Through Monuments		International	Page no.984	Feb-20	no.2321 – 984X
4	Dr M.Kala	Historical Analysis of Tamilnadu Arts and Architectural A study	Muslim Arts College, Thiruvithan code	Revelations of Archaeological Excavation			Page no. 180 - 184	Aug-22	No. 978 – 81 – 908060 – 8 - 4
5	Dr M.Kala	A South Africa born Tamil Freedom Fighter Thurayanar Adigalar View	Kunthavai Naachiyaar Govt Arts College for Women (A), Thanjavur.	Unsung Freedom Fighter's of Tamilnadu			Page no. 92 - 94	Sep-22	No. 978 – 93 – 92560 – 04 - 0
6	Dr M.Kala	Muhammad Ismail, The Freedom Fighter, was hailed as the Dignified Quaide Millat	Manonmani am Sundaranar University, Thiruneveli	Unsung Heroes of Thiruneveli District			Page No. 90 - 93	Nov-22	
7	Dr M.Kala	Socio Cultural settings of Tamilnadu upto 1736 AD	Govt College for Women (A), Kumbakonam	Water Bodies Available Inscription in Virudhunagar District			Page No. 97 - 100	Dec-22	No. 978 – 93 – 92 – 560 – 17 - 0
8	Dr M.Kala	Exploring the Role of Festivals and Celebrations in Maintaining Traditional Knowledge and Practices in Indian Rural Communities	Annamalai University	Mission Antyodaya for Strengthening India: committed to Sustainable Rural Livelihoods			Page No. 39 - 45	Apr-23	No.978 – 81 – 951299 – 5 - 9
9	Dr M.Kala	Cholapuram Kashi Viswanathar Temple A Study	Govt College for Women (A), Kumbakonam	Temple culture in Tamilnadu Through the Ages		International		Jul-23	No. 978 – 93 – 92 – 560 – 26 - 2
10	Dr M.Kala	Historic Perspective of the Nayak art and Architecture		Indian History Congress		International	Page No. 1181 - 1188	Dec-23	No. 2249 – 1937

(4) Books Published					
S.No	Author	Title of the Book	Month and Year of	ISBN No.	Name & Place of the
Botany					
1	Dr.B.Bhavani	Compendium of Chapters in Modern Borden Biology	December, 2021	978-93-93737-39-7	Shanlax Publications, Shanlax Press, 66. T.P.K. Main Road, Vasanth Nagar, Madurai – 625 003, Tamilnadu, India
2	Dr.B.Bhavani	Fundamental of Biological Science	2023	978-1-304-84457-6	Roshmi book Publication, Lulu Publication, Raleigh, North Carolina, United States.
3	Dr.A.KrishnaPriva	Biodiversity of Micro Algae from	2025	ISBN: 978-93-48615-58-9.	Ryan Publishers
TAMIL					
1	S.Maheswari	Vaivittu chirithar Buthar	2023	978-81-965058-0-6	Mouval padippagam, valangaiman
2	S.Maheswari	Uthari maditha Vanam	2026	978-93-5717-618-7	Shenbagam Veliyetagam, Thanjavur
HISTORY					
1	Dr M.Kala	Indian Constitution	Oct-23	978 – 3 – 92560 – 95 - 8	PCF Publications , Madurai

(5) Books Edited

S.No	Author	Title of the Book	Month and Year of	ISBN No.	Name & Place of the
HISTORY					
4	Dr M.Kala	Temple Cultural in Tamilnadu Through the Ages	Jul-23	93 – 9256026 - 5	PCF Publications, Madurai

(6) Chapters Contributed in Books

S. No.	Author	Title of the Chapter	Title of the Book	Month and Year of Publication	ISBN No.	Name & Place of the
Computer Science						
1	G. Gomathi, Dr. F. Kurus Malai Selvi	Advancing Servical Cancer Deduction : The Role of Deep Learning and addressing screening disparities	Multidisciplinary Research and advanced Computational methods. ICMRACM @26	Feb-26	ISBN:978-93-80714-85-1 P.No:255-265	Idhaya college for Women(A),Kumbakonam
2	P. Jayalakshmi, Dr. F. Kurus Malai Selvi	Crime Prediction and Analysis using Machine Learning : A comprehensive Survey".	Multidisciplinary Research and advanced Computational methods ICMRACM @26	Feb-26	ISBN:978-93-80714-85-1 P.No:242-248	Idhaya college for Women(A),Kumbakonam
ENGLISH						
3	Dr.B.Suganya	From Postmodern point of view how does Chatan	The Postmodern Lens:A	2024 978 933415934-9	-	-


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