



FATIMA COLLEGE

(Autonomous)

Affiliated to Madurai Kamaraj University
Re-Accredited with 'A++' by NAAC (Cycle - IV)
Mary Land, Madurai - 625018, Tamil Nadu

3.1.2- List of teachers receiving grant and Details of grant received 2023-2024



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INCENTIVE GIVEN BY THE MANAGEMENT TO STAFF FOR PUBLISHING RESEARCH PAPERS

(June 2023 to May 2024)

A Total of Rs. 13,000/- was given to the Faculty of both Shift I and II as incentive for Publishing Research papers in UGC CARE Listed / Scopus Index / Web of Science Listed Journals. (Rs. 1000 for each additional independent paper above one paper/ Rs.500 for each additional combined paper above one paper)

S. No.	Faculty Name	Name of the Journal	Title of Article	Year of Publication	Amount in Rs.
1.	Dr. G. Priya Assistant Professor of English	Kanpur Publishers: International Journal of Humanities, Law and Social Sciences	War on Ecoterrorist: An Ecocritical Perspective in Marvel Films	2022	1,000
		Shodha Prabha (UGC Care Journal)	Disambiguation of Zaitoon's Dream, A Psychoanalytical Approach in Bapsi Sidhwa's The Pakistani Bride	2023	
		IJRAR (UGC approved journal no. 43602)	Acceptance of Existential Exceptions in Shyam Selvadurai's Funny Boy	2023	
2.	Dr. Ancemma Joseph Assistant Professor of Physics	OPTIK	Omnipresent instability criterion of birefringent Kundu-Eckhaus model with nonic nonlinearity	2022	2,000
		Polymer Bulletin	Development and characterization of biopolymer electrolyte based on gellan gum (gg) with lithium chloride (licl) for the application of electrochemical devices	2023	
		Journal of Solid-State Electrochemistry	Performance of solid-state li-ion conducting battery using biopolymer electrolyte based on agar-agar/lithium chloride	2023	



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S. No.	Faculty Name	Name of the Journal	Title of Article	Year of Publication	Amount in Rs.
		European physical journal plus	Impact of higher-order nonlinear saturation effects on modulation instability in three-core oppositely directed coupler with two negative index material channels	2023	
3.	Dr.M.Ragam Assistant Professor of Physics	Applied Physics A	Investigations on Y2NIMNO6 Nanostructures for Energy Storage Applications	2022	1,000
		Journal of Polymer Research	Fabrication of rechargeable proton battery and PEM fuel cell using biopolymer Gellan gum incorporated with NH4HCO2 solid electrolyte	2023	
4.	Dr.S.Bharathy, Assistant Professor of Zoology	Aquatic Insects	A new species and record of Labiobaetis Novikova and Kluge, 1987 (Ephemeroptera: Baetidae) from India	2022	5,000
		Aquatic Insects	A new species of Thraulius Eaton, 1881 (Ephemeroptera: Leptophlebiidae) from the Western Ghats, South India	2022	
		ZOOKEYS	Contribution to the knowledge of Teloganodidae (Ephemeroptera, Ephemerelloidea) of India	2022	
		ZOOTAXA	Review of the subgenus Euthraulius (Ephemeroptera, Leptophlebiidae, genus Choroterpes) from the Western Ghats (India)	2022	
		ZOOTAXA	First report of Cheleocloeon Wuillot & Gillies 1993 (Ephemeroptera: Baetidae) from the Oriental Region	2022	



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S. No.	Faculty Name	Name of the Journal	Title of Article	Year of Publication	Amount in Rs.
	Dr.S.Bharathy, Assistant Professor of Zoology	Aquatic Insects	First record of the nominotypical subgenus Acentrella Bengtsson, 1912 (Ephemeroptera: Baetidae) from India with description of a new species	2023	
		ZOOTAXA	Indian species of Teloganodes Eaton 1882 (including subgenera Dudgeodes Sartori 2008 and Derlethina Sartori 2008) (Ephemeroptera, Teloganodidae)	2023	
		ZOOTAXA	Contribution to the knowledge of family Caenidae (Insecta: Ephemeroptera) from Madurai District, Tamil Nadu.	2023	
		Aquatic insects	A new species of Caenis Stephens, 1835 and description of male subimaginal characters of Caenis americanus Srinivasan et al., 2021 (Ephemeroptera: Caenidae) from the Western Ghats, South India. Aquatic Insects	2023	
		ZOOTAXA	Diagnosis, variability, distribution and systematic position of Labiobaetis pulchellus (Müller-Liebenau & Hubbard 1985) (Ephemeroptera, Baetidae, Baetis s.	2023	
		ZOOTAXA	Contribution to the knowledge of the subgenus Tenuibaetis Kang & Yang 1994 (Ephemeroptera, Baetidae, Baetis	2023	



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S. No.	Faculty Name	Name of the Journal	Title of Article	Year of Publication	Amount in Rs.
5	Dr.R.Niranjana Devi Assistant Professor of Mathematics (SF)	Journal of Molecular Structure	Experimental spectra, electronic properties (liquid and gaseous phases) and activity against SARS-CoV-2 main protease of Fluphenazine dihydrochloride: DFT and MD simulations	2022	3,000
		Journal of the Indian Chemical Society	Vibrational Energies, Bonding Nature, Electronic Properties, Spectroscopic Investigations and Analysis of 3-Bromo-4-Chlorobenzophenone	2022	
		Journal of the Indian Chemical Society	Electronic, Intermolecular, Quantum Computational Investigations, Molecular Docking and Simulation Studies of The Potent Antiviral Drug EIDD-2801	2023	
		Journal of the Indian Chemical Society	Experimental Spectral Investigations for Structural, Electronic, Topological Properties and Molecular Docking Studies of 2-Cyclohexylidene Hydrazine Carboxamide	2023	
6	Dr.P.Shyamala Assistant Professor of Management Studies	Russian Law Journal	Analysing the major determinants of implementing Artificial Intelligence in enhancing Customer Relationship Management in Private Banking Companies	2023	1,000
		Journal of the Oriental Institute	Factors Influencing Work from Home Concept Among Women Professionals in Madurai District	2023	
TOTAL					13,000



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Seed Money for Projects:				
S. No.	Name of the Staff	Title of Research	Year	Amount in Rs.
1	Dr. B. Poornima Sethupathi, Assistant Professor of History	Sustainable Development of Rural Tourism: Cultural and Heritage sites in Madurai region	2023	10,000
2	Dr. K. Praveena Assistant Professor of Economics	An Economic approach to Women Maternal Health and Well-being in Madurai District	2023	10,000
3	Dr.N.Nagarani Assistant Professor of Zoology	Identification of Bio-Markers for Pollution Monitoring of Freshwater Fish farm	2023	15,000
4	Dr.J.Thelma, Assistant Professor of Zoology	Investigations on Antimicrobial activities of bio-synthesized Silver Nanoparticles	2023	5,000
5	Ms. S. Selvarani & Ms. J. Arockia Jacqueline Joni Assistant Professor of Computer Applications	APP Development on Talk to Your Guardian Angel	2023	15,000
6	Dr. N. Asha Assistant Professor of Management Studies	A Study on students' Attitude towards managing stress in professional life	2023	10,000
TOTAL				65,000
FINAL TOTAL				78,000

Signature of the Secretary

SECRETARY
FATIMA COLLEGE (AUTONOMOUS)
MADURAI-18



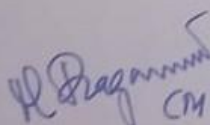
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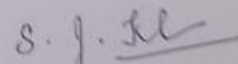
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FATIMA COLLEGE ALUMNAE ASSOCIATION
funded
Research Projects 2023-2024

S.No.	Project Title	Project Investigator(s)	Sanctioned Amount(in Rs.)
1.	Sustainable Development of Rural Tourism: Cultural and Heritage sites in Madurai region	Dr.B. Poornima Department of History	10000/-
2.	An Economic approach to Women Maternal Health and Well being in Madurai District	Dr. K. Praveena Department of Economics	10000/-
3.	Identification of Bio-Markers for Pollution Monitoring of Freshwater Fish farm	Dr. N. Nagarani Department of Zoology	15000/-
4.	Investigations on Antimicrobial activities of bio-synthesized Silver Nanoparticles	Dr. J. Thelma Department of Zoology	5000/-
5.	APP Development on TALK TO YOUR GUARDIAN ANGEL	Ms. S. Selvarani & Ms. J. Arockia Jackuline Joni Department of Computer Applications	15000/-
6.	A study on students' Attitude towards managing stress in professional life	Dr.N. Asha Department of Management Studies	10000/-


(M. RAGAM)
President, FCAA 22/12/23


Dean of Research

Dean of Research
Research Advisory Committee
Fatima College (Autonomous)
Madurai - 625 018


Principal