



MUSLIM ARTS COLLEGE

Azhagiamandapam, Thiruvithancode - 629 174, K.K Dist, Tamil Nadu, India

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Staff Information

PERSONAL INFORMATION

Name : Dr G. Edwin Sheela
Gender : Female
Bloodgroup :
Designation : Assistant Professor
Date of Birth : 14-07-1965
Date of Joining : 22-09-1988

ADDRESS DETAILS

Door No : 15/52, BETHEL
Postal : Mandaikadu
Pincode : 629252
Country : India
State : Tamil Nadu
City : Nagar Coil

CONTACT DETAILS

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Email : sheelalivings@gmail.com



PARTICULARS OF EDUCATIONAL QUALIFICATION

Category	Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of marks/Grade	Class
UG	B. Sc	Physics	1985	Christian College, Marthandam	M. K University, Madurai.	81	First
PG	M.Sc	Physics	1987	M. K University, Madurai.	M. K University, Madurai.	63	First
M.Phil	M.Phil	Physics	2005	M.S.U. Education Centre	Manonmanium Sundaranar University	59	Second

Ph. D	Ph. D	Physics	2018	Women's Christian College, Nagercoil	Manonmanium Sundaranar University		
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NUMBER OF Ph.D SCHOLARS COMPLETED

S.No	Name of the Scholar	Register No	Year of Completion	Name of the University
1	Dr.P. R. Babila	19123092132011	2024	MS University

NO OF Ph.D SCHOLARS REGISTERED UNDER GUIDANCE (University wise)

S.No	Name of the Scholar	Register No	Date of Registration	Name of the University
1	Mrs. E. S. Ashlin	19123092132010	2018-12-23	MS University
2	Mr. M.S. Anandha Prabhu	19123092131016	2018-12-27	MS University
3	Mrs. R. Amali	20213092132013	30-12-2020	MS University
4	Mrs. J. F. Joe Sherin	20113232132005	09-03-2020	MS University

NUMBER OF PROJECTS RECEIVED FROM VARIOUS FUNDING AGENCIES

S.No	Name of the funding agency	Amount sanctioned	Amount Received	Under which plan
1				

RESEARCH ARTICLES PUBLISHED IN JOURNALS/PRCEEDINGS

S.No	Title of the article	Journal Name	ISSN No	Year of Publication	Volume/Issue/Page No.	Impact Factor
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1	Structure and nonlinear Optical Property Analysis of L-Methioninium Oxalate : A DFT approach	Spectrochimica Acta Part A:Molecular and Biomolecular Spectroscopy	1386-1425	2015	Vol. 143 pp. 40â€“48	2.653
2	Design, Synthesis and Vibrational Spectroscopic Studies of the Nonlinear Optical Crystal 1-Histidine Potassium Chloride	Materials Today: Proceedings	2214-7853	2015	Vol. 2 pp. 987-991	0.96
3	Vibrational Spectral Investigations of L- Methioninium Acetate	Asian Chemistry letters	1001-8417	2015	Vol 19, 3&4. pp. 125-136	2.08
4	Studies on Molecular Structure and Vibrational Spectra of NLO crystal L- Glutamine Oxalate by DFT method	Indian Journal of Science and Technology	0974-6846	2017	Vol. 10(31), pp.1-23	0.160
5	Nonlinear Optical Properties with Spectral Analysis of DL-Valinium Nitrate- A DFT Approach	Asian Journal of Physics	0971-3093	2017	Vol.26(5-7) pp.221-235	0.315
6	Antimicrobial activity, Molecular docking, Spectroscopic, DFT and Vibrational analysis on 3-(4 Bromophenyl)-1-Methoxy-1-Methyl urea	Journal of Advanced Scientific Research	0976-9595	2022	vol.13 pp.38-53	7.745

7	Enhanced Photo catalytic Degradation of Methylene Blue Dye Under Direct Sunlight By Titanium Doped Tin Oxide Nano Particals	Journal of Advanced Scientific Research	0976-9595	2022	Vol.13(7) pp.114-122	7.745
8	Spectroscopic,Vibrational and Topology Analyss of (2R,3R)-Butanediol bis(Methanesulfonate)	Indian Journal of Science and Technology	0974-6846	2022	vol.15 pp.2500-2507	0.16
9	Optimized Geometry, NBO, MEP, Docking Analysis and Antimicrobial Activity of (2R,3R)-Butanediol Bis (methane sulfonate)	Asian Journal of Chemistry	0970-7077	2023	vol.35 pp.748-754	0.493
10	Theoretical density functional analysis with experimental, electronic properties, and NBO analysis on (RS) 3-(-3,5-Dichlorophenyl)-5-methyl-5-vinyloxazolidine 2,4-dione	Chemical Physics Impact	2667-0224	2023	Vol.6 No:100186	2.552
11	Anti microbial activity,Vibrational,Electronic and Topology Analysis of 3,4,5-Trimethoxybenzaldehyde	Polycyclic Aromatic Compounds	1563-5333	2023	pp.748-754	2.195

12	Synthesis, Antifungal Activity, Molecular Docking Studies, RDG Analysis, and DFT Computations on Structural Vibrational and Electronic Spectra of 3,5-Diamino-1,2,4-Triazolinium Picrate	Polycyclic Aromatic Compounds	1563-5333	2023		2.195
13	Biogenic Synthesis of silver,Gold and Palladium Nanoparticles using Moringa Oleifera Seeds:Exploring photocatalytic,catalytic,and Antimicrobial Activities	Advances in Natural Sciences:Nano science and Nanotechnology	2043-6262	2023	pp. 1-17	2.1

NATIONAL JOURNAL

S.No	Title of the article	Journal Name	ISSN No	Year of Publication	Volume/Issue/Page No.	Impact Factor
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IN SEMINAR/CONFERENCE PROCEEDINGS

S.No	Name of Seminar/Conference	International/National/Regional	Venue/Sponsor	Year of Publication	Page No	ISBN No/if any
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1	National Conference on Emerging Trends in Applied Physics (NCETAP -2015)	National	Lekshmipuram college of Arts and Science, Neyoor	2015		
2	National Seminar on Advancements in Materials Science (AMS-2015)	National	Dept of Physics Government College for Women, Thiruvananthapuram, Kerala	2015		
3	National seminar on technologically Advanced Materials (NCTAM-2016)	National	Dept. of Physics , Muslim Arts College, Thirivithancode	2016		
4	National conference on Technology Innovation in Mechatronics, Energy Management & Intelligent Communication -2017	National	Lourdes Matha College of Science and Technology, Thiruvananthapuram, Kerala	2017		

5	International conference on Spectroscopy of Biomolecules and Advanced Materials (ICSBAM - 2017)	International	Christian College, Chengannur, Kerala	2017		
6	International Seminar on Technologically Advanced Materials (ISTAM-2019)	International	NBO analysis and Theoretical calculations of 3-(4 bromophenyl)-1 Methoxy-1-Methylurea	2019		
7	Fourth National Conferences on Advanced Materials(NCAM-2022)	National	Department of Physics, Nanjil Catholic College of Arts and Science, Kaliyakkavilai.	2022		

8	National Seminar on Functional Materials and Its Applications (NSFMA-2022)	National	Department of Physics and Research Centre, Muslim Arts College, Thiruvithancode	2022		
9	National Conference on Recent Trends in Physics (NC RTP-2022)	International	Department of Physics, Noorul Islam Centre for Higher Education, Kumaracoil, Kanyakumari District.	2022		
10	National Conference on Material Science(NCMS 2023)	National	Optimized geometry and Frontier Molecular analysis of 3-cynophenyl boronic acid	2023		

11	CSIR Sponsored National Conference on Materials Science and Green Technology (NCMSGT-2023)	National	Electronic Structure Analysis of 2,2,2-Trifluoro Acetophenone	2023		
12	International Conference on Perspectives in Vibrational Spectroscopy, (ICOPVS 2013	International	Bishop Moore College, Mavelikara, Kerala	2013		
13	National Seminar on Materials Science in Research and Technology NSRTM-2013	National	Annai Velankanni College, Tholayavattam	2013		
14	5th International Conference on Perspectives in Vibrational Spectroscopy, ICOPVS 2014	International	Mascot Hotel, Thiruvananthapuram, Kerala	2014		
15	National Conference on Future Prospects in Multidisciplinary Research	National	Research Forum, Womenâ€™s Christian College, Nagercoil	2014		

16	National Seminar on Advances in Materials Science (NSAMS)	National	Department of Physics, MS University, Tirunelveli	2014		
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IN SEMINAR/CONFERENCE/WORKSHOP ATTENDED

S.No	Name of Seminar/Conference/Workshop	International/National/Regional	Venue	Sponsor	From	To
1						

IN SEMINAR/CONFERENCE/WORKSHOP ORGANIZED

S.No	Name of Seminar/Conference/Workshop	International/National/Regional	Venue	Sponsor	Date	Served as organising Secretary/Convenior etc
1						

BOOKS/CHAPTER IN A BOOK PUBLISHED

S.No	Name of the book	Publisher	Year	ISBN No
1				

AWARDS/RECOGNITION RECEIVED

S.No	Name of the Award	Issued by	Date	Venue
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SERVED AS RESOURCE PERSON

S.No	Name of the Seminar/Conference/Workshop	International/National/Regional	Date	Venue
1				

MEMBERSHIP IN ACADEMIC BODIES

S.No	Name of the forum	Acted as	Duration	Any other Information
1				

ACTED AS EDITOR?REFEREE IN JOURNALS

S.No	Name of Journal	Editor/referee	International/National/Regional	ISSN/ISBN No
1				

ACADEMIC EXPERIENCE

Name of College	Whether Govt/Aided/S.F	Designation	Joining Date	Reliving Date	Years	Months	Days
Muslim Arts College	Self-Financed	Assistant Professor	22-09-1988	22-09-2004	16		

Muslim Arts College		Associate Professor	23-09-2004	00-00-0000	19	9	
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ADMINISTRATIVE/OTHER EXPERIENCE

Name of the Organization	Designation	Nature of Work	Joining Date	Reliving Date	Years	Months	Days
Muslim Arts College	Principal		06-10-2018	00-00-0000	5	8	

OTHER ACADEMIC INFORMATION