

Faculty Profile

Personal Details

Name : MINU PIUS

Department : PHYSICS

Designation : ASSISTANT PROFESSOR

Date of Joining : 08-11-2010

Educational Qualifications: M.Sc., UGC RFMS fellow , UGC- NET

Professional Experience: 7 years and 7 months

Research Interests : Nanocomposites

Major and Minor Projects : KSCSTE Student Project

Honors and Awards : Nil

Positions held in College : IQAC Student Wing Coordinator, IQAC – Curriculum, UG and PG Camp officer, Malpractice Monitoring Committee, Examination Cell, Youth Red Cross – Assistant Program Officer, AQAR representative, I CONNECT Coordinator

Membership in Professional Organizations : Nil

Publications

Sl No.	Title	Journal	Publisher	Status
1.	Enhanced Antibacterial Activity of Novel Magnetic ZnFe ₂ O ₄ / AgCl Nanocomposites	Materials day Proceedings- Science Direct-International Seminar on Advances in Photo Responsive Materials APRM-2017	Elsevier ISSN 2214 – 7853 Cite Score : 0.94 SNIP : 0.837 SJR : 0.314	International
2.	Novel Spinel Ferrite based Nanocomposite with Enhanced Antibacterial Activity	Proceedings of Annual Physics Symposium 2017-18, ISBN No: 978-93-5291-017-5.	St. Teresa's College Autonomous, Ernakulam	National
3.	Novel Magnetic Zinc Ferrite/ Silver Chloride Nanocomposite with Antibacterial Property	Proceedings of International Conference on Materials, Emerging Devices and Energy Efficient Technologies (MEETCON' 17), ISBN No: 13 978-81-927227-0-2	St. Xavier's Catholic College of Engineering, Nagercoil	International
4.	Effect of Temperature on Synthesis and Characterization of Superparamagnetic Zinc Ferrite Nanoparticles, P:113	Proceedings of National Seminar on Annual Physics Symposium, ISBN :978-93-5291-787-7	St. Teresa's College, Ernakulam	National
5.	Synthesis and Characterization of Superparamagnetic Zinc Ferrite Nanoparticles at Room Temperature	Proceedings of UGC sponsored National Seminar entitled "Current Trends in Material Science" 2014	Aquinas College, Ernakulam	National

Books : Nil

Book Chapters : Nil

Refresher and Orientation Course Attended

Sl	Refresher/ Orientation Course	Organizing Agency	Sponsoring Agency	Duration & Date
1.	IT Oriented Orientation Programme	UGC Academic Staff College, University of Kerala	UGC	21 June-18 July,2013
2.	Refresher Course on Material Preparation and Measurement of properties	Indian Academy of Sciences, Bangalore	IASc	15 -30 Mar 2018
3.	Refresher Course on Quantum Mechanics for Nuclear and Particle Physics	Indian Academy of Sciences, Bangalore And BCM College, Kottayam	IASc	1 – 14 Dec 2018

Paper Presentations in Seminars/Conferences Attended

Paper Presented

Sl	Title	Event	Organised by	Date	Level
1.	Novel Magnetic Zinc Ferrite/ Silver Chloride Nanocomposite with Antibacterial Property	International Conference on Materials, emerging Devices and Energy Efficient Technologies MEETCON 2017	Dept. of Physics and Dept. of Electrical and Electronics engineering, St. Xavier's Catholic College, Nagercoil, TN	5-6 Oct 2017	International
2.	Effect of Temperature on Synthesis and Characterisation of Superparamagnetic Zinc Ferrite Nanoparticles	National Level Annual Physics Symposium	Dept. of Physics, St.Teresa's College, Ekm	2-3 Feb 2017	National
3.	Enhanced Antibacterial activity of Novel Zinc Ferrite/ AgCl nanocomposites	National Level Annual Physics Symposium	Dept. of Physics, St.Teresa's College, Ekm	7-8 Dec 2017	National

SL NO:	Title of program	sponsored by	Event details	Organized by	Period
1.	CPE sponsored National Seminar on Modern Trends in Research 2012	UGC- CPE	National	TRACC	5 th Dec 2012
2.	National Seminar on Nanoscience and	DCE, Govt. of Kerala	National	Maharaja's College	22-23 Jan 2013

	Engineering				
3.	Pre- conference workshop of Second International Conference on Optoelectronic Materials and Thin Films for Advanced Technology- OMTAT 2013	-	International	CUSAT	2 Jan 2013
4.	National workshop on Equipping New Era Practitioners: Teaching – Learning and Evaluation	NAAC	National	IQAC, St. Teresa’s College, Ekm	20-21 June 2013
5.	State level Workshop on New Dimensions to Physics Teaching	-	State	Dept. of Physics, St. Teresa’s College, Ekm	31 Oct 2013
6.	Science Sans Borders	DCE, Govt. of Kerala	National	Maharaja’s College	7-8 Nov 2013
7.	National Conference on Modern Trends in Research	-	National	TRACC	10 Dec 2013
8.	National Symposium on New Horizon of Astronomy and Astrophysics- NHOAA	UGC	National	Dept. of Physics, St. Teresa’s College, Ekm	9-10 Jan 2014
9.	National Workshop on Functioning as an Autonomous College	-	National	IQAC	11 Feb 2014
10.	Successful Autonomous Colleges in India	KSHEC	State	SH College, Thevara and Rajagiri College of Social Sciences	6 June 2014
11.	International Conference on Photonics and Solar Water Splitting	CPE Grant -UGC	International	St. Teresa’s College, Ernakulam	12-13 March 2015

12.	Faculty enrichment programme - National Workshop on “Teaching Physics using Python”	UGC Autonomy grant	National	St. Teresa’s College, Ernakulam	19 th Aug 2015
13.	Fourth Cycle Accreditation in Autonomous Colleges	UGC		IQAC and Audit Cell	22 June 2016
14.	A day with Prof. Waghmare		National	IAPT and SH College	29 Aug 2016
15.	One Day Workshop on Holography	-	State	Light Logistics Ltd and Dept. of Physics, St.Teresa’s College, Ekm	23 Sept 2016
16.	International Seminar on Recent Advances in Solar Energy Applications RASE 2016	-	International	Dept. of Chemistry, St. Teresa’s College, Ekm	15 Dec 2016
17.	Capacity building Workshop	Dept. of higher Education , Govt. of Kerala	State	St. Teresa’s College, Ekm	7 Jan 2017
18.	National Seminar on Advancement in Polymer Science and Technology	UGC	National	Dept. of Chemistry, St. Teresa’s College, Ekm	24-25 Jan 2017
19.	National Level Annual Physics Symposium	UGC-CPE	National	Dept. of Physics, St.Teresa’s College, Ekm	2-3 Feb 2017
20.	National Conference on Modern Trends in Research 2017	UGC_CPE	National	TRACC	19 Oct 2017
21.	International Seminar on Advances in Photo Responsive Materials APRM 2017	-	International	Maharaja’s College	14-15 Nov 2017

22.	One Day Workshop on energy Conservation and Energy Efficiency	-	-	EMC , Govt. of Kerala	17 Jan 2018
23.	Hands on Training on Solar Photovoltaics	-	-	Mithradam Renewable Energy Centre	3 Feb 2018
24.	International Seminar on Solar The Energy of the Future	-	International	Mithradam Renewable Energy Centre	2 Jan 2018
25.	National Workshop on Diffraction Techniques : X-Ray and Electron Diffraction	STIC and KSCSTE	National	STIC, CUSAT	7-9 Feb 2018
26.	National Conference on Intellectual Property Rights and Innovative Research- challenges and Opportunities	UGC-CPE	National	TRACC	23 Nov 2018
27.	National Level Annual Physics Symposium	UGC-CPE, KSCSTE	National	Dept. of Physics, St.Teresa's College, Ekm	7-8 Dec 2017
28.	Faculty enrichment programme on Teresian Eco friendly Recycling and Reusing Activities	-	-	Dept. of Chemistry and BMC , St. Teresa's College, Ekm	7 November 2018
29.	National Seminar on e-Learning and MOOCs in Higher Education	Ministry of Human Resource Development	National	Guru Angad Dev Teaching Learning Centre of MHRD , SGTB Khalsa College, University of Delhi and St. Teresa's College, Ekm	1 March 2019
30.	National Level Annual Physics Symposium	UGC-CPE	National	Dept. of Physics, St.Teresa's	7-8 Jan 2019

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