

Faculty Profile

Personal Details

Name : FRINCY FRANCIS

Department : PHYSICS

Designation : ASSISTANT PROFESSOR (ON CONTRACT)

Date of Joining : 01-06-2016

Educational Qualifications: MPHIL, B.Ed

Professional Experience : 8+ 3yrs

Research Interests : PhD (currently doing on optical and photo thermal characterization of ZnO Nano composites)

Major and Minor Projects

Honors and Awards :

- First in English Elocution competition organized by Ministry of Information and Broadcasting
- Nandhini Nandakumar prize for best all-rounder in M.Sc. physics.

Positions held in College: Discipline committee, ICONNECT Co-coordinator, Anti ragging cell

Membership in Professional Organizations

Publications

Sl no:	Title of paper presented	Title of program	Organized by	ISBN	Period
1.	Synthesis and characterization of ZnO nano/ Micro Structures And Zn O /Au composites for Bio – Medical Applications	International conference on Materials , Emerging Devices and Energy – Efficient Technologies MEETCON 2017	St Xavier’s College of Engineering , Nagercoil	1307881927227-0-2	5 th and 6 th October 2017
2.	Effect of UV treatment	Annual	St Teresa’s	978-935291-	2-3

	on photoresponsivity of ZnO micro and nano structures	physics symposium	college	017-5	february 2017
3.	Optoelectronic and biomedical application of ZnO nano and Micro Structured Composite Photonic Materials	TRAAC	St Teresa's college		November ,2018
3.	Random Lasing Phenomenon in ZnO : Silica Nano Composites Prepared by chemical Method	Elsevier Proceedings Materials Today	Maharaja's college Autonomous , Ernakulam	Elsevier Proceedings Materials Today Journal in press	December 2017
4.	Fluorescence Resonance Energy Transfer Between ZnO Nanoparticles and fluorescein Dye in Liquid Medium	Proceedings of National seminar		9 789353 46065	6th & 7 th December 2018
5.	Bio imaging using photoluminescence property of zinc Oxide fluorescein Smart Nanostructure	Annual physics Symposium	St. Teresa's college , Ernakulam	978-93-5346-757-9	7 th -8 th January 2019
6.	Synthesis of gold silica core shell Au@SiO ₂ nanoparticles using modified Stober method and their Optical Characterisation.	Annual physics Symposium	St. Teresa's college , Ernakulam	978-93-5346-757-9	7 th -8 th January 2019
7.	Efficient fluorescence resonant energy transfer between ZnO nanoparticles and fluorescein dye in liquid medium for cell imaging and cancer therapy.	ICONMAT 2019 Accepted in AIP proceedings	CUSAT	Accepted in AIP proceedings Journal in press	3-5 January 2019

Books: Nil

Book Chapters: Nil

Refresher and Orientation Course Attended: Nil

Paper Presentations in Seminars/Conferences Attended

SL NO:	Participated	Title of program	Event details	Organized by	Period
1.	Participated	Accreditation and academic audit	National workshop	IQAC & Auditing cell St Teresa's college , Ernakulam	11 th June 2016
2.	Participated	Holography recording workshop		St Teresa's college and Light Logistics	23 rd September 2016
3.	Participated	Capacity building workshop	State workshop	Govt of kerala	7 th jan 2017
4.	Participated	Annual Physics Symposium	State symposium	St Teresa's college	2-3 february 2017
5.	Participated	National conference on Modern Trends in Research -2017	National conference	TRAAC	19 th October 2017
6.	Participated	Annual physics symposium		St Teresa's college	7 th and 8 th December 2017
7.	Participated	Diffraction techniques : Xray and electron diffraction workshop	National workshop	STIC	7 th to 9 th feb 2018
8.	Participated	National conference on luminescence and applications	National conference	CSIR –National Institute for Interdisciplinary and Technology , Trivandrum	14-16 th February ,2018
9.	Participated	National conference on Intellectual Property	National	Teresian Research &	November

		Rights and Innovative Research	conference	Consultancy sponsored by UGC	,2018
10.	Participated	International seminar “Solar , The Energy Of The Future”	International seminar	Renewable Energy Centre, Mitradham	2 nd January 2018
11.	Participated	Energy conservation and energy efficiency	State seminar	Energy management centre (Education Training & Research Division)	17 th jan 2018
12.	Participated	INUP familiarization workshop “ Nanofabrication technologies “	International conference	IISc , Bangalaore	10-12 september 2018
13.	Participated	ICONMAT 2019	International conference	CUSAT	3-5 january 2019