FACULTY PROFILE

Personal Details

Name	:	Dr. Vinu T Vadakel
Department	:	Research and Postgraduate Department of Physics
Designation	:	Assistant Professor
Educational Qualification	:	M.Sc, B.Ed, Ph.D
Area of Specialisation	:	Material Science
Email	:	vinutvadakel@gmail.com
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Academic Identity

Employee ID	:	743205
VIDWAN ID	:	677307
Orcid ID	:	0009-0009-9297-3937

Research Parameters

Google scholar citations	:	8
H index	:	1
i10 index	:	

Education

Sl. No.	Degree	Institution/University	Year
1.	Ph.D	School of Pure and Applied Physics/Mahatma Gandhi University	2013
2.	B.Ed	St. Joseph's Training College Mannanam/Mahatma Gandhi University	2005
3.	M.Sc	S. B College, Changanassery/Mahatma Gandhi University	2003
4.	B.Sc	St. Xavier's College,Vaikom/Mahatma Gandhi	2001

		Univesity	
5.	PDC	St. Xavier's College,Vaikom/Mahatma Gandhi Univesity	1997
6.	SSLC	St. Little Teresa's GHS, Vaikom	1995

Career Profile

Sl. No.	Institution/Organization	Designation	Period
1.	St. Aloysius College, Edathua	Assistant Professor	29-10-2013 onwards
2.	Mahatma Gandhi University College of Engineering, Muttom, Thodupuzha	Lecturer on contract	04-09 2012 to 31-08-2013
3.	Govt. Boys Higher Secondary School Vaikom	Guest Lecturer	07-06-2007 to 23-02-2008
4.	Govt. Vocational Higher Secondary School Vaikom	Guest Lecturer	09-12-2005 to 31-03-2007
5.	St. Xavier's College Vaikom	FDP substitute	15-06-2004 to 28-09-2005.

Positions Held or Holding, if any

Sl. No.	Position	Period
1.	IQAC Coordinator	01/06/2023 onwards
2.	MGU UGP Nodal Officer	01/04/2024 onwards
3.	Member College, Staff Council	2023 Onwards
4.	Secretary, Diamond Dual, Physics Alumni Association	2023 -2026
5.	President, Physics Association	2023-2024, 2016-2017
6.	Nodal Officer of NIRF	2018-2023
7.	Joint Coordinator IQAC	2016-2023
8.	Coordinator of Quiz Club	2017-2023

Research Publications

Sl. No.	Publication Details
1.	Thermal and dielectric measurements on gel grown Cadmium Malonate dihydrate single crystals. Varghese Mathew, Vinu T Vadakel, C.K Mahadevan, Indu Treasa Jochan, Journal of International Academic Research for Multidisciplinary, 2320-5083,2020
2.	Optical and Structural studies of Zn Pc Thin Films, Indu Treesa Jochan, Vinu T Vadakel,

	Journal of Emerging Technologies and Innovative Research, 2349-5162,2020**.**
3.	Effect of annealing on the nanostructure formation in alkoxy substituted phthalocyanine thin films. Vinu T. Vadakel, C.S. Menon, E- Journal of Chemistry, 9 (4), 1992, 2012.
4.	Effect of thermal annealing on the optical, photoluminescence properties of H2PcOC8 thin films. Vinu T. Vadakel, C.S. Menon, Asian Journal of Chemistry, 25(4), 1909, 2013.
5.	Preparation and characterisation of thermally evaporated octa substituted Zinc phthalocyanine thin films. Vinu T. Vadakel, C.S. Menon,,Journal of Nano- and Electronic Physics, 4(4), 04005, 2012.
6.	Optical and surface morphological studies on CuPcOC8 thin films prepared by physical vapour deposition Vinu T. Vadakel, C.S. Menon, Material Science Ploand, 31(3), 391, 2013

Books Published:Nil

l. No.	**Book Details**
1.	Optical and Structural Study of CuO Nanoarticle Aggregates Prepared Using Cost Effective Sol Gel Synthesis. Vinu T Vadakel, Jomol James, Shajitha S R Multidisciplinary Journal of St. Aloysius College ISBN: 978-93-6013-092-3

Invited Lectures/Paper Presentations in Conferences

Sl. No.	**Conference & Presentation Details**
1.	Effect of high energy radiation on the optical properties of CuPcOC8 thin films Vinu.T.Vadakel International Conference on Advanced Materials and its Applications, 26-28 March 2013, Alphonsa College, Pala
2.	Influence of thermal annealing on the optical and surface morphological studies on CuPcOC8 thin films. Vinu T. Vadakel and C.S. Menon. International Conference on Material science and Technology, 10- 14 June 2012, St. Thomas College Pala, Kerala.
3.	Effect of annealing on the optical and surface morphological properties of copper octakis octyloxy phthalocyanine thin films.

	Vinu. T. Vadakel, C. S. Menon. National Symposium for Material Research Scholars, 7-9 May 2011, IIT Bombay.
4.	Optical and surface morphological properties of heat treated zinc octakis (octyloxy) phthalocyanine thin films. Vinu T. Vadakel, T.G. Gopinathan, C.S. Menon. International Conference on Active/Smart Materials (ICASM), 7-9 January 2009, Thiagarajar College of Engineering, Madurai.
5.	Optical and surface morphological properties of nanostructured ZnPcOC8 thin films. Vinu. T. Vadakel and C. S. Menon. Conference on Advances in Materials Science, Macro to Nano Scales, 6-7 March 2012. Union Christian College, Aluva, Kerala.
6.	Optical and surface morphological characterisation of H2PcOC8 thin films. Vinu.T.Vadakel and C. S. Menon. National Workshop on New Trends in Material Science, 20-21 December 2011, K.E College, Mannanam, Kerala
7.	Effect of annealing on the optical properties of octakis (octyloxy) phthalocyanine thin films. Vinu. T. Vadakel, C. S. Menon. 21st Kerala Swadeshi Science Congress, 6-8 November 2010, CMFRI, Kochi, Kerala.

Seminar/Workshops Organized

Sl. No.	Title of the Seminar/Workshop	Funding Agency	Amount	Date
1.	National Seminar on recent trends in nano and other materials for energy efficient devices at St. Aloysius College Edathua	UGC	1,00,000	July 20-22, 2017
2.	International Webinar on Kesterite Solar cells- Basics and Design, St. Aloysius College, Edathua			27-06-2020
3.	EUREKA CORAL 2016: Workshop for School students	KSCSTE	20,000	10-11-2016 to 11-11-2016
4.	Two-day workshop on experiments utilizing EXPEYES.	APT		21-02-2024 to 22-02-2024

Research Projects

Sl. No.	Title of the Project	Funding Agency	Amount	Period
1.	**Minor Research Project- 1883-MRP/14-15/KLMG019/UGC-SWRO dated 04-02-2015- Rs. 500000/-** Influence of high energy radiation on the optical and photoluminescent properties of	UGC	5,00,000	2015-2017

	phthalocyanine thin films			

Awards/Achievements

Sl. No.	Details	Year