



## PERSONAL CREDENTIALS

Name	<b>Dr VINITHA VARKEY</b>
Designation	<b>ASSISTANT PROFESSOR</b>
Department	<b>CHEMISTRY</b>
Date of Joining	<b>06.07.2011</b>
Total teaching experience as on 01 January 2024	<b>12</b>
Contact Number	<b>9633107555</b>
Address for Correspondence	<b>DEPARTMENT OF CHEMISTRY, KURIAKOSE GREGORIOS COLLEGE, PAMPADY</b>
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## ACADEMIC QUALIFICATIONS

<b>Degree</b>	<b>Subject</b>	<b>Institution and University</b>
UG	CHEMISTRY	NIRMALA COLLEGE, MUVATTUPUZHA, M.G. UNIVERSITY, KOTTAYAM
PG	CHEMISTRY	SREE SANKARA COLLEGE, KALADY M.G. UNIVERSITY, KOTTAYAM
M Phil		
Ph D	CHEMISTRY	M.G. UNIVERSITY, KOTTAYAM
Additional Qualifications	B.Ed PHYSICAL SCIENCE	UNIVERSITY CENTRE FOR TEACHER EDUCATION, MUVATTUPUZHA

## COLLEGE LEVEL DUTIES / MAJOR CHARGES

<b>Duty</b>	<b>Position</b>	<b>Duration</b>
UNION	STAFF ADVISOR	1 YEAR
ADMISSIONS	CONVENER	1 YEAR



## PUBLICATIONS AND PRESENTATIONS

## PUBLICATIONS

1. **Varkey, Vinitha**, E. Tomlal Jose, and U. S. Sajeev. "Electrospinning technique for the fabrication of poly (styrene-co-methyl methacrylate) nanofibers and the effect of fiber diameter on UV-Visible absorption and thermal properties." *Materials Today: Proceedings* 33 (2020): 2077-2081.
2. **Varkey, Vinitha**, Aswathy R. Chandran, E. Tomlal Jose, Issac Paul, and Gijo Jose. "Fabrication of photoluminescent electrospun poly (styrene-co-methyl methacrylate) nanofibers integrated with LaPO<sub>4</sub>:Eu<sup>3+</sup> for optical applications." *Materials Today: Proceedings* 47 (2021): 921-926.
3. **Varkey, Vinitha**, and Tomlal Jose E. "Investigations on the Structural and Optical Properties of electrospun ZnO-poly (styrene-co-methyl methacrylate) Nanofiber Composites." *Polymer-Plastics Technology and Materials* 61, no. 2 (2022): 196-206.
4. Radhakrishnan, Parvathy, **Vinitha Varkey**, Roshan Joseph Mathew, G. Krishna Kumar, E. Tomlal Jose, R. Pragash, A. K. Sadanandan, and U. S. Sajeev. "The modification of optical behavior of polystyrene microfibers by the incorporation of Gd doped ZnO nanoparticles." *Physica Scripta* 97, no. 8 (2022): 085812.

## PRESENTATIONS

1. Electrospinning for the functional nanofibers of polycarbonate and a copolymer of poly methyl methacrylate and poly styrene- **National Seminar on Nanostructured materials (NSM 2014) organized by NSS Hindu College Changancherry**
2. Electrospinning technique for the fabrication of poly(styrene-co-methyl methacrylate) nanofibers and the effect of fiber diameter on UV-Visible absorption and thermal properties- **International Conference on Advanced Materials (SCICON' 19) organized by Amrita School of engineering, Coimbatore**
3. Fabrication of photoluminescent electrospun poly(styrene-co-methyl methacrylate) nanofibers integrated with LaPO<sub>4</sub>:Eu<sup>3+</sup> for optical applications - **International e-Conference on Advancements in Material Science and Technology(iCAM 2020) organized by Sathyabhama Institute of Science and Technology in association with Gyeongsang National University, Republic of Korea**
4. Fabrication and Optical Characterization of Electrospun One Dimensional TiO<sub>2</sub> / poly (styrene-co-methyl methacrylate) Nanofiber Composite- **International Conference on Nanoscience and**



ATTENDED	<p><b>Nanotechnology (ICONN 2021) organized by Department of Physics and Nanotechnology, SRM IST</b></p> <p>5. Preparation And Characterization Of One Dimensional Poly (Styrene-Co-Methyl Methacrylate) / ZnO Nanocomposites By Electrospinning Technique- <b>National Conference on Recent Trends in Material Science and Technology (NCMST 2020) organized by Department of Chemistry, Indian Institute of Space science and Technology , Thiruvananthapuram</b></p> <p>1. International Conference on Advanced Functional Materials (ICAFM 2018) Organized by Department of Chemistry, St. Berchmans College</p> <p>2. Workshop on Publish your Research organized by Department of Physics, Government College, Kottayam</p> <p>3. Webinar on Nanoscience and Nanotechnology organized by School of Technology, Pandit Deendayal Petroleum University, Gandhinagar, India.</p>
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#### WORKSHOPS /SEMINARS/ CONFERENCES ORGANISED

Position	Details
CONVENER	KSCSTE sponsored Two day workshop on Climate Change, Mitigation, Impact and Adaptation