

LIYA JOSE M.

Department of Chemistry
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Chaneparambil (H)
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Academic credentials

- 2009 - CSIR-JRF
- 2009 - GATE
- 2008 - Master of Science (M.Sc) in Organic Chemistry from Mahatma Gandhi University, Kottayam.
- 2006 - Bachelor of Education (B.Ed) in Physical Science from Calicut University, Kozhikode.
- 2005 - Bachelor of Science (B.Sc) in Chemistry from Mahatma Gandhi University, Kottayam.

Published Abstracts

- Liya Jose M. and Libin Baby. Synthesis of water soluble nanocurcumin. National Seminar on Recent Advances in Photochemistry, NSPC 2023, 1-3 February, 2023, Cherthala.
- Libin Baby, Liya Jose M., M. A. Solomon and P. T. Lakshmanan. A Study on Total Mercury Content in Surface Water and Fishes of Periyar. National Seminar on Aquatic Chemistry, AQUASEM 19, 21-23 March 2019, Cochin, India, P 6.

Teaching Experience

Assistant Professor Department of Chemistry St. Michael's
College Cherthala, Alappuzha Nov. 2010 till now

Academic and Administrative Experience

- **Co-ordinator**
 - AICUF (2014-2022)
 - Jesus Youth (2014-2022)
 - Value Education Forum (2019-2022)
 - International Ozone Day (2015, 2021 & 2022)
 - Kalakendra (2011-2012)
 - Chemistry Association (2014, 2015, 2022 & 2023)
 - Mentoring cell (2023)

- **Asst. Co-ordinator**
 - Minority Cell (2018 & 2020)
 - Kalakendra (2013-2014)

- **Member, Organizing Committee**
 - National Seminar (2011 & 2015), at Department of Chemistry, St. Michael's College, Cherthala.
 - International Conference (2017 & 2019)
 - CHEM Wonders (2015, 2016, 2018 & 2019)

- **Member**
 - Women Cell (2014)
 - Printing & Publishing (2014)
 - Event Management Team (2011)
 - IQAC (2017 & 2018)
 - Science Club (2020)
 - Minority cell (2023)
 - Value Education Forum (2023)

- **Member, Board of Examinations**
 - St. Theresa's College (Autonomous), Ernakulam.
 - Maharaja's College (Autonomous), Ernakulam.

Research Interests

- Green synthesis of nano metal oxides for environmental applications
- Synthesis of polymer nano fibres
- Photocatalysis
- Synthesis of Coordination compounds

Seminars and Workshops Attended

Fourth International Conference on Membranes” (ICM 2017), Dept. of Chemistry, St. Michaels College, Cherthala, September 2017.

International Seminar on “Recent Advances In Solar Energy Applications” (RASE 2016), Dept. of Chemistry, St.Teresa’s College, Ernakulam, December 2016.

International Seminar on Climate Solutions through Sustainable Development, Dept. of Chemistry, St. Michael’s College, Cherthala, December 2012.

National Seminar on Recent Advances in Photochemistry, Dept. of Chemistry, St. Michael’s College, Cherthala, December 2023.

National workshop on “Microscale Techniques In Experimental Organic and Physical Chemistry”, Dept. of Chemistry, St. Teresa’s College, Ernakulam, November 2017.

National Seminar on Recent Advances in Photochemistry, Dept. of Chemistry, St. Michael’s College, Cherthala, December 2013.

National Seminar and Workshop on Computational Chemistry, Dept. of Chemistry, SNM College, Moothakunnam, March 2013.

National Seminar on Frontiers in NMR Spectroscopy, Department of Chemistry, St. Michael’s College, Cherthala, July 2011.

National Symposium in Chemistry, Dept. of Chemistry, St. Paul’s College, Kalamassery, March 2008.

Professional Development

Programme	Subject	Period	Organiser/Place
Orientation Course	Orientation Course IT Oriented	24 Feb – 22 Mar 2016	UGC, HRDC, University of Calicut.
Refresher Course	Environmental Sciences (Multidisciplinary)	09 to 29 Jan 2018	UGC, HRDC, University of Kerala, Thiruvananthapuram
Refresher Course	Managing online classes & Co- creating MOOCS 7.0	05 to 19 August, 2021	Ramanujan College, University of Delhi
Refresher Course	Online Course in Chemistry	01 Dec 2020 to 31 Mar 2021	Swayam Arpit, AICTE
Short term courses	Best Practices for Online teaching: Classrooms, Courseware and Tools	08 to 13 July, 2021	Kerala State Higher Education Council (KSHEC), Thiruvananthapuram
Short term courses	Advanced Group Theory	16 to 22 Dec 2020	UGC, HRDC, University of Kerala, Thiruvananthapuram
Short term courses	Implementation of Information and Communication Technology in Teaching	18 to 24 July 2020	School of Legal Studies , CUSAT& KSHEC, Tvm.
Short term courses	Pedagogical and e- learning tools for teaching	04 to 08 August 2020	Sanatana Dharma College, Alappuzha & KSHEC, Tvm
Short term courses	ICT tools for teaching learning process-Post Pandemic educational strategies	17 to 23 August 2020	S NC Kollam & KSHEC, Tvm
Short term courses	R programming	07 to 14 Sep 2020	Mar Thoma College, Thiruvalla and IIT Bombay

Research Grant

Title	Name of funding Agency	Sanctioned Year	Remarks
Synthesis, Characterization and photophysical study of electrospun dye dopped polymer nanofibers for photovoltaic application	KSCSTE Student Project Amount: Rs. 10,000.00	2019	Completed