



## FACULTY PROFILE

Name	Dr. JINU P Y
Designation	ASSISTANT PROFESSOR
Department	CHEMISTRY

### PERSONAL VISION AND MISSION

**My vision is to impart quality teaching through including contemporary needs in teaching learning process and promote scientific temper among the students. Similarly, to promulgate among students with science-oriented ethics, spirit of inquiry, critical thinking, and humanism leading to highly cultured and civilized citizen.**

### PERSONAL DETAILS

Date of entry into permanent service	04-06-2018
Total teaching experience as on 01 November 2025	NINE YEARS
Age and Date of Birth	44, 25 <sup>th</sup> May 1981
Residential Address	KOCHUMUTTATHU HOUSE, THEKKEMURI, EAST KALLADA (POST), KOLLAM-691502, KERALA
Address for Correspondence	DEPARTMENT OF CHEMISTRY, CATHOLICATE COLLEGE, BASIL HILLS, MAKKAMKUNNU, PATHANAMTHITTA-689645
Mobile / WhatsApp Number	9445280892
E-mail (Personal and Official)	pyjnu@gmail.com

### ACADEMIC QUALIFICATIONS

Degree	Subject	Institution and University	Grade/ Rank etc.
PG	Chemistry	University of Kerala	1 <sup>st</sup> division
Ph D	Chemistry	Indian Institute of Technology Madras	



Additional Qualifications			
GATE	Chemistry	Indian Institute of Technology Roorkee	
B.Ed.	Physical Science	University of Kerala	

### COLLEGE LEVEL DUTIES / MAJOR CHARGES

Duty	Position	Duration
College Council	Elected Member	2025-2026
National Scholarship Portal	Nodal Officer	2021- till date
SC/ST Monitoring Cell	Convener	2020- till date
THRIVE	Faculty Coordinator	2024 - till date
KIRF	Convener	2024 - till date
II YEAR M.Sc.	Polymer Chemistry	2024 - till date
III-year B.Sc.	Class Teacher	2019-2021

### POSITIONS HELD/ AWARDS/ RECOGNITIONS/ MAJOR ACHIEVEMENTS

Name	Details
Prof. Werner Prize	Best Ph.D. Thesis in Chemistry, IIT Madras, 2017
Research Fellowship	Half-time Teaching and Research Assistance (HTRA) IIT Madras, 2009-2014
Best Paper	National science day celebration February 28, 2018, Regional Institute of Education (NCERT), Mysore



### RESEARCH AND CONSULTANCY

Year of Award of Ph.D.	2016
No. of Publications	4
No. of papers presented in Conferences, Seminars, Workshops and Symposia	7

### PUBLICATIONS AND PRESENTATIONS

International/ National Publications	<ul style="list-style-type: none"> <li>• J. P. Yohannan and K. Vidyasagar, <i>J. Solid State Chem.</i>, 221, 426-432. (2015) Syntheses and characterization of one-dimensional alkali metal antimony (III) thioantimonates (IV), <math>A_2Sb_2Sn_3S_{10}</math> (<math>A = K, Rb, Cs</math>)</li> <li>• J. P. Yohannan and K. Vidyasagar, <i>J. Solid State Chem.</i>, 238, 292-302. (2016) Syntheses, structural variants and characterization of <math>AlnM'S_4</math> (<math>A =</math> alkali metals, Tl; <math>M' = Ge, Sn</math>) compounds; Facile ion-exchange reactions of layered <math>NaInSnS_4</math> and <math>KInSnS_4</math> compounds.</li> <li>• J. P. Yohannan and K. Vidyasagar, <i>J. Solid State Chem.</i>, 238, 147-155. (2016) Syntheses and structural characterization of non-centrosymmetric <math>Na_2M_2M'S_6</math> (<math>M, M' = Ga, In, Si, Ge, Sn, Zn, Cd</math>) sulfides.</li> </ul>
Chapters in Books	
Proceedings of international/ National symposiums	<ul style="list-style-type: none"> <li>• J. P. Yohannan and K. Vidyasagar, "North American Solid State Chemistry Conference, May 22-24, 2015, Florida State University, Tallahassee, Unites States of America</li> <li>• Jinu. P. Yohannan, National science day conference Proceedings February 28, 2018, Regional Institute of Education (NCERT) Mysore</li> </ul>



<p>Paper Presentations (International/ National )</p>	<ul style="list-style-type: none"> <li>• J. P. Yohannan and K. Vidyasagar, "Synthetic attempts for new quaternary sulfides in A/Sb/Sn/S (A = Alkali metal, Tl and Ag) system", "Chemistry In-House Symposium (CiHs)", Aug. 07-10th, 2013, Indian Institute of technology Madras, India.</li> <li>• J. P. Yohannan and K. Vidyasagar, "Synthetic attempts for new quaternary sulfides in A/Sb/Sn/S (A = Alkali metal, Tl and Ag) system", "7<sup>th</sup> National Symposium and Conference on Solid State Chemistry and Allied Areas", Nov 24-26, 2011, JMI New Delhi, India.</li> <li>• J. P. Yohannan and K. Vidyasagar, "<i>Syntheses and structural characterization of second-harmonic-generation active sulfides, <math>Na_2M_2M'S_6</math> (M, M' = Ga, In, Si, Ge, Sn, Zn, and Cd).</i>", North American Solid State Chemistry Conference, May 22-24, 2015, Florida State University, Tallahassee, USA.</li> <li>• Jinu. P. Yohannan, "<i>Basic chemistry research: sustainable solutions to far-reaching challenges</i>". National science day celebration February 28, 2018, Regional Institute of Education (NCERT) Mysore</li> <li>• Jinu P. Yohannan*, K. K. Binoj and Thomas Abraham, Solid state alkali-metal thiosulfate flux mediated synthesis and crystal growth of cubic-<math>CsGaSnS_4</math> : A structural comparison of AM III M IV S 4 sulfide semiconductors, (A = Li, Na, K, Rb, Cs, Tl; M III = Ga, In M IV = Sn, Ge). ICAMS 2025 (International Conference on Advances in Materials Science 2025) organized by St. Dominic's College, Kanjirappally</li> </ul>
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**WORKSHOPS /SEMINARS/ CONFERENCES ORGANISED**

Position	Details
Coordinator	Chemistry Lecture Series- 26 <sup>th</sup> September 2018, Catholicate college.
Coordinator	Hiroshima Day observance – August 2019, Catholicate College
Convenor	International conference on Emerging Trends in Advanced functional materials (ETAFM 2022) August 11 <sup>th</sup> and 12 <sup>th</sup> 2022, Catholicate College.
Coordinator	Gifted Children programme, 2025, General Education Department

**WORKSHOPS /FDP/ORIENTATION/REFRESHERCOURSES ATTENDED**

Name	Details
Resource person	Resource person in the work shop titled, “Translation activities in Tamil, Telugu, Kannada and Malayalam Languages of National Talent Search Examination - 2018” from 12 <sup>th</sup> to 16 <sup>th</sup> February 2018.
FDP (16 <sup>th</sup> Jan to 25 <sup>th</sup> Jan) Participation in the workshop	FLAIR program-2019, conducted by Teaching Learning Center IIT Madras, Organized by Department of Higher Education, Govt. of Kerala.
Online Refresher Course	workshop on Grant Writing under Chemical Sciences, Ministry of Education, Indian Institute of Science Bangalore on 11 <sup>th</sup> Dec 2020, Chemistry For Higher Education, SWAYAM ARPIT ONLINE COURSE CERTIFICATION
Five-day Faculty enrichment programme	GROUP THEORY AND ITS APPLICATION IN CHEMISTRY, organized by the Department of Chemistry, Government Arts College Thiruvananthapuram in association with Chemical Research Society of India on 13th November 2020.
Resource person in the work shop	Talent Hunt-Shastrajalakam, organized by State Institute of Educational Technology (SIET), General Education Department, Government of Kerala
Online 4-week induction / orientation programme	organized by Teaching Learning Centre, Ramanujan College, Delhi under the aegis of Ministry of Education, Govt of India from 19 October – 18 November 2021
FDP(Two-day)	Two-day workshop on Outcome based Education Training from 20 <sup>th</sup> to 21 <sup>st</sup> May



Resource person in the workshop, Chemsparc-2022	2022, conducted at Catholicate College Pathanamthitta in association with Kerala state Higher Education council (KSHEC) and MG University. Techniques in Chemistry, Chemsparc-2022, organized by PG Dept. of Chemistry Catholicate College, Pathanamthitta and All Kerala Chemistry Teachers Association (CHEMTAK), Pathanamthitta district committee.
Chemsparc-2023	Building trust in science – A Chemistry Perspective, Innovations That Changed Our World, Breakthrough in chemistry, Chemsparc-2023, organized by PG Dept. of Chemistry Catholicate College, Pathanamthitta and All Kerala Chemistry Teachers Association (CHEMTAK), Pathanamthitta district committee.
Chemsparc-2024	Innovations That Changed Our World, Breakthrough in chemistry, Chemsparc-2024, organized by PG Dept. of Chemistry Catholicate College, Pathanamthitta and All Kerala Chemistry Teachers Association (CHEMTAK), Pathanamthitta district committee.
GIFTED CHILDREN PROGRAMME-2025	The world of fascinating Chemistry: Innovations and Challenges Ahead CHEMLUME-2025, GIFTED CHILDREN PROGRAMME

#### ANY OTHER RELEVANT INFORMATION

- Tutor, Indian Institute of Space Science and Technology (IIST), ISRO, Trivandrum, 2008-2009
- Teaching Assistant, Department of Chemistry, Indian Institute of Technology Madras, 2009-2012
- Assistant Professor (on-Contract), Department of Education in Science and Mathematics (DESM), Regional Institute of Education (NCERT) Manasagangothri, Mysuru

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