

# RESUME



**Photo**

**Name: Dr. S. Stanly John Xavier**  
**Designation: Assistant Professor**  
**Department: Chemistry**  
**Address: Plot No:9 Muthamil illam, Rajendra Nagar Palayamkottai**

## PERSONAL DETAILS

Date of Birth : 12-07-1979  
Qualification : M.Sc., M.Phil., Ph.D  
Designation : Assistant Professor  
Department : Chemistry  
Community : BC  
Religion : Christian  
Nationality : Indian  
Mobile : 9787305237  
Email ID : stanly.chem@gmail.com

## ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
B.Sc	Chemistry	St. Joseph's College, Trichy	Bharathidasan University, Trichy	2000

M.Sc	Chemistry	St. Joseph's College, Trichy	Bharathidasan University, Trichy	2002
M.Phil	Chemistry	St. Joseph's College, Trichy	Bharathidasan University, Trichy	2005
Ph.D	Chemistry	School of Chemistry, Department of Physical Chemistry, MKU Madurai	Madurai Kamaraj University Madurai	2018

### ACADEMIC IDENTITY

*VIDWAN ID	
*ORCID ID	
*SCOPUS ID	
*RESEARCHER ID/ PUBLONS ID	
GOOGLE SCHOLAR LINK	<a href="https://scholar.google.com/citations?user=dQvXS8UAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=dQvXS8UAAAAJ&amp;hl=en</a>

### TEACHING EXPERIENCE

<b>Date of Appointment</b>	21-10-2007
<b>Date of Retirement</b>	21-10-2039
<b>Teaching Experience</b>	UG-15 years
	PG-14 years
	M.Phil.
<b>Research</b>	Guided M Phil:1 Guided Ph D: Guiding Ph Scholar:

COURSES/CLAS SES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		Years
		From	To	

<b>AWARDS RECEIVED</b>	
1.	Summer Research Fellowship awarded by IASc (Bangalore), INSA (New Delhi) and NASI(Allahabad)
2.	Faculty Development Programme (FDP), UGC, New Delhi
3.	
4.	
5.	

<b>ADMINISTRATIVE EXPERIENCE</b>			
<b>S. No</b>	<b>DESIGNATION</b>	<b>INSTITUTIONS</b>	<b>YEAR</b>

<b>MEMBERSHIP</b>		
<b>S. No</b>	<b>Designation</b>	<b>Particulars</b>
1.	Community member in American Chemical Society (ACS)	Membership Number: 30067184 05-01-2020 to present
2.		
3.		
4.		
5.		

**ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE ( )**

<b>S. No</b>	<b>Name of the Training</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
1	Orientation Programme	University Grants Commission, New Delhi	9-2-2011 to 08-03-2011 HRDC, MKU, MADURAI
2	Refresher Course in	University Grants	5-11-2013 to 25-11-2013

	Chemistry	Commission, New Delhi	HRDC, MKU, MADURAI
3	Refresher Course on Mooc's and e-content development	University Grants Commission, New Delhi	22 <sup>nd</sup> May to 4 <sup>th</sup> June 2019 HRDC Pondicherry Central University, Puducherry
4	Swayam – ARPIT Annual refresher programme in Teaching	Government of India Human Resource Development	10 <sup>th</sup> November to 28 <sup>th</sup> February (2019) (16 weeks)

### DETAILS OF RESEARCH WORK

Research Stages	Title of the Thesis	University where the work was carried out
Awarded	Investigation of Novel Nanostructured Materials and their Composites for the Sensor Applications	School of Chemistry, Department of Physical Chemistry, Madurai Kamaraj University Madurai

### AREAS OF RESEARCH

Graphene nanocomposites, Carbon quantum dots, MOF, Colorimetric, fluorescence and electrochemical detection of biomolecules

### RESEARCH PROJECTS CARRIED OUT

S. No	Title of the Project (Major)	Name of the Funding Agency & Amount	Duration
1.	Crystal growth and	Board of Research in Nuclear	2012-2014

	characterization of novel compounds	Sciences (BRNS) Mumbai (12 Lakhs)	

<b>PUBLICATIONS</b>				
<b>BOOKS</b>	<b>BOOK CHAPTERS</b>	<b>SCOPUS</b>	<b>WEB OF SCIENCE</b>	<b>UGC LISTED</b>
	<b>1</b>	<b>10</b>		
<b>OTHER INDEXED</b>	<b>AS A RESOURCE PERSON</b>	<b>PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS</b>	<b>WEBINARS, SEMINARS, WORKSHOPS ATTENDED</b>	

<b>PUBLICATIONS: BOOKS ()</b>			
<b>S. No</b>	<b>Title of the Book</b>	<b>Publication</b>	<b>Year</b>

<b>BOOK CHAPTERS (1)</b>			
<b>S. No</b>	<b>Title of the Paper</b>	<b>Name of the Book</b>	<b>ISSN No., Pg.No</b>
	Graphene-carbon nitride based sensors for toxic chemicals	Graphene based Electrochemical Sensors for Toxic Chemicals (Materials Research Foundations)	Vol.82, 2020, 243-275 DOI: 10.21741/9781644900956-9 Print ISBN: 978-1-64490-094-9 e-PDF: 978-1-64490-095-6

**PUBLICATIONS: SCOPUS INDEXED JOURNALS (10) WEB OF SCIENCE (10)**

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1.	Environmentally benign carbon nanodots prepared from lemon for the sensitive and selective detection of Fe(III) and tannic acid	Journal of Fluorescence (Springer US)	1053-0509(print), 2019, 29(3), 631-643 Impact Factor – 2.2
2.	Turn-on fluorescence sensing of hydrazine using MnO <sub>2</sub> nanotube decorated g-C <sub>3</sub> N <sub>4</sub> nanosheets	New Journal of Chemistry (Royal Society of Chemistry, UK)	1144-0546, 2019, 43(33), 13196-13204 Impact factor 3.59
3	Sensitive and selective turn-off-on fluorescence detection of Hg <sup>2+</sup> and cysteine using nitrogen carbon nanodots derived from citron and urine	Sensors and Actuators B (Elsevier publications)	0925-4005, 2018, 259, 1133-1143 <b>Impact factor 9.221</b>
4.	Crystal growth and characterization of Au <sup>3+</sup> ion irradiated 2-amino-5-nitropyridinium hydrogen oxalate (2A5NPHO)	Molecular Crystals and Liquid Crystals (Taylor and Francis)	1542-1406, 2018, 664(1) 195-217 Impact factor 1.0
5.	Crystal growth and characterizations of an efficient semiorganic nonlinear optical (NLO) single crystal: 2-amino 5-nitropyridinium chloride (2A5NPCl) by assembled temperature reduction apparatus (ATR) method	Materials Research Innovations (Taylor & Francis) (1.46)	1432-8917, 2017, 23, 73-78 Impact factor 1.46
6.	Growth and characterization studies of an efficient semiorganic NLO single crystal: 2-amino 5-nitropyridinium Dihydrogen Phosphate (2A5NPDP) by Sankaranarayanan–Ramasamy method	Optik-International Journal for Light and Electron Optics (Elsevier publications)	0030-4026, 2016, 127, 2187-2192, Impact factor 1.914
7.	Growth and characterization studies of an efficient semiorganic NLO single crystal: 2-Amino 5-nitropyridinium sulfamate (2A5NPS) by assembled temperature reduction (ATR) method	Optical Materials (Elsevier publications)	0925-3467, 2016, 55, 153-159 Impact factor 3.754
8.	Nanotubular MnO <sub>2</sub> /graphene oxide composites for the application of open air-breathing cathode microbial fuel cells	Biosensors and Bioelectronics (Elsevier publications)	0956-5663, 2014, 528-534 <b>Impact factor 12.54</b>
9.	Colorimetric detection of melamine using β-cyclodextrin-functionalized silver nanoparticles	RSC Analytical Methods (Royal Society of Chemistry, UK)	1759-9679, 2014, 6 8165-8172 Impact factor 3.532
10.	One Pot Synthesis and Characterization of Cesium Doped SnO <sub>2</sub> Nanocrystals via a Hydrothermal Process	Journal of Material Science Technology (Elsevier publications)	1005-0302, 2012, 28, 15-20 <b>Impact factor 10.319</b>

<b>PUBLICATIONS: UGC LISTED JOURNALS ()</b>			
<b>S. No</b>	<b>Title of the Paper</b>	<b>Name of the Journal</b>	<b>ISSN No., Volume, Issue, Impact factor &amp; Pg. No</b>

<b>PUBLICATIONS: OTHER INDEXED JOURNALS ()</b>			
<b>S. No</b>	<b>Title of the Paper</b>	<b>Name of the Journal</b>	<b>ISSN No., Volume, Issue, Impact factor &amp;Pg.No</b>

<b>AS A RESOURCE PERSON (26)</b>			
<b>S. No</b>	<b>Name of the Event</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
1.	Summer Training Program in Chemistry	Academy of Sciences Chennai, Chennai,	MK University 22/07/2020
2.	Summer Training Program in Chemistry	Academy of Sciences Chennai, Chennai,	MK University 27-07-2021
3.	Emerging trends in nano and green Chemistry	DBT-MST Star College Scheme	GVN College, Kovilpatti, 25-03-21
4.	Summer Training Program in Chemistry	Academy of Sciences Chennai, Chennai,	MK University 27/07/2022

<b>WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP PAPER PRESENTED: National () International ()</b>			
<b>S. No</b>	<b>Name of the Event</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
1	International Conference on Recent	Alva's institute of	Moodbidri,

	advances in engineering materials (ICRAEM2022)	engineering and technology	Karnataka 03-05 March 2022
2	4 <sup>th</sup> International Conference on Chemical and Environmental Research	Department of Chemistry, Jamal Mohamed College, Tiruchirappalli	Jamal Mohamed College Tiruchirappalli 19 <sup>th</sup> December 2018.
3	National symposium on Recent Developments in Chemistry (RDC-2016) (Best Presentation award)	Department of Physical Chemistry School of Chemistry MKU Madurai	MK University 4 <sup>th</sup> June 2016.
4	International Conference on Nanomaterials for energy, Environment, Catalysis and Sensors (ICNEECS-15)	Department of Science and Technology	MK University 11 <sup>th</sup> and 12 <sup>th</sup> December 2015.
5.	18 <sup>th</sup> National Convection of Electrochemist (NCE-18)	Department of Physical Chemistry School of Chemistry MKU Madurai	MK University 23 <sup>rd</sup> and 24 <sup>th</sup> July 2014

<b>WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP ATTENDED:</b>			
<b>S. No</b>	<b>Name of the Event</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
1.	International conference on advanced materials for energy and environmental applications	Department of Chemistry St. Xavier's College Palayamkottai	21-22 April 2022 Palayamkottai
2.	Fall 2021 Virtual Chemistry Teacher Program	American Association of Chemistry Teachers	USA 26-08-2021
3.	Harness of power electricity to make organic compounds	Chemistry World Millipore Sigma	Cambridge, UK
4.	Nanoscale AFM-IR spectroscopy and imaging for the failure analysis of electronic devices.	Bruker Germany	Germany 16-04-2020
5.	The 3D Printing Revolution: Advances in Material Design and methods	American Chemical Society (ACS), USA	16-04-2020 USA



6.	ChemCareers 2020: Careers in the Energy Sector	Royal Society of Chemistry, UK	UK, May 20, 2020
7.			

**COUNTRIES VISITED**


**EXTRA-CURRICULAR ACTIVITIES/ CO-CURRICULAR ACTIVITIES ATTENDED(NCC/NSS/YRC/SPORTS/LITERARY AND CULTURAL ACTIVITIES)**

NSS
Enviro Club
Sports

**Date: 15-08-2022**

**Name: Stanly John Xavier**