

RESUME



Dr. JEYAPPAUL U
Assistant Professor
Chemistry
St. Xavier's College (Autonomous) Palayamkottai

PERSONAL DETAILS

Date of Birth : 19-03-1983

Qualification : M.Sc., B.Ed., M.Phil., M.Sc_(Psy)., Dip_(Agri)., Ph.D

Designation : Assistant Professor

Department : Chemistry

Community : Backward Class

Religion : Christian

Nationality : Indian

Mobile : 9940921444

Email ID : jpamas83@gmail.com

ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
Ph.D	Nanochemistry	-	M S University Tirunelveli	2001
M.Sc	Psychology	-	TNOU, Chennai	2021
M.Phil	Chemistry	St. Joseph's college, Trichy-2	Bharathidasan University, Trichy	2007

M.Sc	Chemistry	St. Joseph's college, Trichy-2	Bharathidasan University, Trichy	2006
B.Ed	Physical Science	St. Xavier's College of Education, Palayamkottai	Tamilnadu Teacher Education University	2009
B.Sc	Chemistry	St. Joseph's college, Trichy-2	Bharathidasan University, Trichy	2004
Diploma	Agri		Govt. of Tamilnadu	2015

ACADEMIC IDENTITY

*VIDWAN ID	https://vidwan.inflibnet.ac.in/profile/286857
*ORCID ID	https://orcid.org/0009-0003-0962-7758
*SCOPUS ID	<u>Scopus Author ID: 57202135337</u>
*RESEARCHER ID/ PUBLONS ID	OEN-5693-2025
GOOGLE SCHOLAR LINK	https://scholar.google.com/citations?user=hkUCLHIAAAAJ&hl=en

TEACHING EXPERIENCE

Date of Appointment	01-07-2009
Date of Retirement	01-07-2042
Teaching Experience	UG 7 years
	PG 15 years
	M.Phil.
Research	Guided M Phil: Guided Ph D: Guiding Ph Scholar:

COURSES/ CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		Years
		From	To	
BSc Biochemistry	Rev. Jacob Memorial Christian College, Ambilikai, Oddanchattram, Dindigul	01-07-2007	01-08-2008	One Year
Physical Chemistry	St.Xavier's College (Autonomous), Palayamkottai	01-07-2009	Till Date	
Inorganic Chemistry Organic Chemistry	St.Xavier's College (Autonomous), Palayamkottai	01-07-2009	Till Date	
Elective Papers	St.Xavier's College (Autonomous), Palayamkottai	01-07-2009	Till Date	

Allied Chemistry	St.Xavier's College (Autonomous), Palayamkottai	16-06-2019	Till Date	
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AWARDS RECEIVED	
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ADMINISTRATIVE EXPERIENCE			
S. No	DESIGNATION	INSTITUTIONS	YEAR
1	Programme Officer for YRC (Youth Red Cross)	Rev. Jacob Memorial Christian College, Ambilikkai, Odanchattram, Dindigul	207-2008
2	Staff Coordinator - STAND	St. Xavier's College, Palayamkottai	2013-2014
3	Staff Coordinator - STAND	St. Xavier's College, Palayamkottai	2014-2015
4	Campus Ministry Members	St. Xavier's College, Palayamkottai	2009- till
5	DAS Forum	St. Xavier's College, Palayamkottai	2022-till

MEMBERSHIP		
S. No	Designation	Particulars
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ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT

PROGRAMME UNDERGONE (UGC / HRDC / TLC-PMMNMT ONLY)			
S. No	Name of the Training	Name of the Sponsoring Agency	Place and Date
1	NEP 2020 Orientation & Sensitization Programme	MMTTP, UGC Education Ministry	MMTTC, Madurai Kamaraj University, Madurai 20 – 28 June 2024
2	4-Week Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education	Teaching Learning Centre, Ramanujan College University of Delhi	20 June – 19 July, 2022
3	An Online FDP on Intellectual Property Rights	Jamal Mohamed College (Autonomous) Trichy	09 Feb 2022
4	“Two Day Online FDP on Condensed Matter Physics”	Jamal Mohamed College (Autonomous) Trichy	24-25 Jan 2022
5	Five-day Virtual International Faculty Development Programme on “Instrumentation Techniques and Advanced Materials organized by the “Department of Chemistry”	UGC PARAMARSH Scheme	ANJAC Sivakasi 21 to 25 Sep 2021
6	7 days National level Short Term Training Program on “Google Apps from Scratch”	Christopher Arts and Science College (Women)	16 to 22 nd August 2021
7	5 days FDP on Development of Quality Improvement Process – Optimizing faculty success	Nehru Institute of Engineering & Technology (NIET) Coimbatore	19 to 23-07-2021
8	One day FDP on Role of Professional Students Chapter in Enhancing Engg, Students carrer Growth & Increasing opportunities	AISSMS College of Engg, Kolkata	26-06-2021
9	Five days FDP on Argumented Reality & Virtual Reality	AISSMS College of Engg, Kolkata	21 to 25-06-2021
10	Three days National FDP on ICT Tools for effective Teaching Learning	Kamla Nehru Mahavidyalaya Nagpur	08 to 10 -06-2021

ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT

PROGRAMME UNDERGONE (SXC & Others)			
S. No	Name of the Training	Name of the Sponsoring Agency	Place and Date
1	One day International Conference on Futuristic Trends in Chemical Science – Health, Energy and Environmental Sustainability (ICFTCS2025)	Department of Chemistry	St Xavier's College, Palayamkottai-627002 20.02.2025
2	Enhancing Research Productivity: Impactful Publications and Projects	Internal Quality Assurance Cell (IQAC)	St Xavier's College, Palayamkottai & 12-12-2024
3	One day faculty enhancement and empowerment programme on "Teaching Teachers: Style and Professionalism"	Internal Quality Assurance Cell (IQAC)	St Xavier's College, Palayamkottai & 23.07.2024
4	Teaching Teachers: Style and Professionalism	Internal Quality Assurance Cell (IQAC)	St Xavier's College, Palayamkottai & 23-07-2024
5	Orientation programme for teachers on 'Counselling and Mentoring'	Internal Quality Assurance Cell (IQAC)	St. Xavier's College, Palayamkottai, 19-20, 2017
6	Seminar on Millennium Psychology of Students	Internal Quality Assurance Cell (IQAC)	St. Xavier's College, Palayamkottai, 14-15 June 2016
7	Orientation programme for college teachers on "Class room management and teaching skills"	Internal Quality Assurance Cell (IQAC)	St. Xavier's College, Palayamkottai, 2014
8	Orientation programme for college teachers on "Innovative Teaching Strategies for Student-Centered Education,	Internal Quality Assurance Cell (IQAC)	St.Xavier's College, Palayamkottai, 05 July 2014
9	Orientation programme for college teachers on" On Going Faculty Development Training"	Jesuit higher Education Commission(JHEC) Madurai Province,	Dindigul, 23-31 May 2014
10	Orientation programme for college teachers	UGC-sponsored	St.Xavier's College, Palayamkottai, 21January2014
11	Orientation programme for teachers,	Internal Quality Assurance Cell (IQAC)	St. Xavier's College, Palayamkottai, 18-19August 2012
12	Orientation programme for teachers	Internal Quality Assurance Cell (IQAC)	St. Xavier's college, Palayamkottai,14-15 June 2010
13	Quality Initiatives for	Internal Quality Assurance	St. Xavier's College,

	Student Support and Progression	Cell (IQAC)	Palayamkottai, 4-5 December 2009
14	Orientation programme for teachers on “TEACHERS POWER-UP” programme		Rev. Jacob Memorial Christian College, Ambilikkal, Odanchattram, Dindigul, 18-19 April 2008

DETAILS OF RESEARCH WORK

Research Stages	Title of the Thesis	University where the work was carried out
PhD	A Study of green synthesis of metal nanoparticles using plants extract and their biological activity	Manonmaniam Sundaranar University, Tirunelveli

AREAS OF RESEARCH

Nanochemistry
Inorganic Chemistry
Environmental Chemistry
Photocatalytic cells

RESEARCH PROJECTS CARRIED OUT

S. No	Title of the Project (Minor)	Name of the Funding Agency & Amount	Duration

PUBLICATIONS

BOOKS	BOOK	SCOPUS	WEB OF	UGC
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	CHAPTERS		SCIENCE	LISTED
OTHER INDEXED	AS A RESOURCE PERSON	PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS	WEBINARS, SEMINARS, WORKSHOPS ATTENDED	

PUBLICATIONS: BOOKS ()			
S. No	Title of the Book	Publication	Year

BOOK CHAPTERS ()			
S. No	Title of the Paper	Name of the Book	ISSN No., Pg.No
1	Understanding the Role of Surface Plasmon Resonance effect on green synthesis of Nanoparticles and its antibacterial efficacy	Futuristic Trends in Engineering and Management	ISBN : 978-93-91697-37-2 Pg.No: 299-315
2	Oxidation of 4-Methylbenzyl Alcohol by <i>In-situ</i> Generated Hypochlorous Acid Using NaCl AS Electro Catalytic Mediator: A Novel Biphasic Electrolysis Method Approach	Current Overview on Pharmaceutical	Science Vol. 9 Pg.No: 152-168

PUBLICATIONS: SCOPUS INDEXED JOURNALS () WEB OF SCIENCE ()			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1	Advanced Z-scheme H-g-C3N4/Bi2S3 nanocomposites: Boosting photocatalytic degradation of antibiotics under visible light	Journal of Industrial and Engineering Chemistry	Online ISSN: 1876-794X. Print ISSN: 1226-086X. IF 5.9 647-657

	exposure		
2	Promoting photocatalytic interaction of boron doped reduced graphene oxide supported BiFeO ₃ nanocomposite for visible-light-induced organic pollutant degradation	Journal of Alloys and Compounds	0925-8388. online ISSN is 1873-4669. IF 6.37
3	Shape-tunable and facile extra cellular green synthesis of silver nanocubes using leaf extracts of <i>Jatropha Gossypifolia</i> and <i>Jatropha Glandulifera</i> and its antibacterial studies	Materials Research Express	6 (2019)015048
4	An Eco-friendly Approach for Synthesis of Platinum Nanoparticles Using Leaf Extracts of <i>Jatropha gossypifolia</i> and <i>Jatropha glandulifera</i> and their Antibacterial Activity'	Oriental Journal of Chemistry	vol.34, No.(2), pp. 783-790, ISSN :0970-020X
5	Antibacterial Activity of Silver Nanoparticles Using Jasminum auriculatum Stem Extract	International Journal of Nanoscience	Volume 18, Year 2019
6	Green synthesis and characterization of silver nanoparticles using Triumfetta Rotundifolia plant extract and its antibacterial activities	Journal of Natural Plant Resources (Scholars Research Library)	Volume volume 6 (3), Year 2016, Pages 21-27
7	Green Synthesis of Silver Nanoparticles Using Cressa Cretica Leaf Extract and its Antibacterial Efficacy	IJACSA	Volume volume 3, Year 2015, Page
8	Bio synthesis of Silver Nanoparticles Using Triumfetta Rhomboidea Leaf Extract and the anti-bacterial efficacy	IJACSA	Volume volume 3, Year 2015
9	Ecofriendly synthesis Of Silver Nanoparticles Using ethno medicinal plant leaf extract (Jasminum Auriculatum) and their Antibacterial properties	International Letters of Chemistry, Physics and Astronomy	Volume volume 58, Year 2015, Pages 113-121

PUBLICATIONS: UGC LISTED JOURNALS ()

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue,
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			Impact factor & Pg. No
1	Antibacterial Activity of Silver Nanoparticles Using <i>Jasminum auriculatum</i> Stem Extract	International Journal of Nanoscience	
2	Eco-friendly synthesis of Silver Nanoparticles Using ethno medicinal plant leaf extract (<i>Jasminum Auriculatum</i>) and their Antibacterial properties	International Letters of Chemistry, Physics and Astronomy	

PUBLICATIONS: OTHER INDEXED JOURNALS ()

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor &Pg.No

AS A RESOURCE PERSON (26)

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date

WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP PAPER PRESENTED: National () International ()

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	National Conference on “Recent Trends in Plant Sciences”	UGC Sponsored	department of Botany, St. Xavier’s College, Palayamkottai, 1-2 March 2017
2	National Conference on “Recent	Department of	St. Xavier’s College,

	Trends in Materials Chemistry”	chemistry	Palayamkottai, 23-24 February 2017
3	International Conference on Recent Advances in Materials Research and its applications	Department of Chemistry,	St. Xavier’s College, Palayamkottai, 16 December 2015
4	National Seminar on “Plant Genetic Resources: utilization and Conservation” department of Chemistry	UGC Sponsored	V.O. Chidambaram College, Thoothukudi, 12-13 February 2015
5	National Seminar on Resent Trends in Chemistry	CSIR (HRDG)	Jayaraj Annapackiam, College (Autonomous), Periyakulam 9-10 th August 2007

WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP ATTENDED:			
S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	National Seminar on “Recent Trends in Biophysical Chemistry”	Department of Chemistry	St. Xavier’s College, Palayamkottai, 09 March 2020
2	UGC-sponsored Seminar on “Assessment and Accompaniment of Students”	UGC-sponsored	St. Xavier’s College, Palayamkottai, 30 March 2019
3	National level Seminar on “Expanding Frontiers in Chemistry	Department of Chemistry	Arul Anandar College, Karumathur, 08 December 2017
4	National Seminar on “Innovations in Student-Centered Teaching-Learning Process in 21 st Century	IQAC	St. Xavier’s College, Palayamkottai, 29-30 January 2015
5	RSC symposium on Recent Trends in Chemical Sciences	RSC Sponsored UK	St. Xavier’s College, Palayamkottai, 12 December 2014
6	National Seminar on “Recent Trends in Chemical Sciences NSRTCS-2014	Department of chemistry	St. John’s College, Anchal, Kollam, Kerala, 23-24 October 2014
7	Hands-on experimental workshop on “Characterisation Techniques”		PSN College of Engineering and technology (Autonomous), Tirunelveli, 27 September 2014
8	Faculty workshop on “Competence	UGC-sponsored	St. Xavier’s College,

	Building”		Palayamkottai, 15-16 March 2013
9	Workshop on “Statistical Package – SPSS	UGC-sponsored	St. Xavier’s College, Palayamkottai, 31 March 2012
10	National workshop on “ICT enabled Teaching-Learning through Smart Classroom Facility”	UGC-sponsored	St. Xavier’s College, Palayamkottai, 27 September 2011
11	Workshop on “Advanced Analytical Techniques for Materials Characterisations”	Department of Chemistry	SRM University & CLRI Chennai, 19-20 July 2011
12	International conference on “Drug Design & Development” department of Chemistry		Nadar Saraswathi College of Arts & Science, Theni, 21 January 2011
13	National Seminar on “Chemistry for Changing times	Department of Chemistry	St. Xavier’s College, Palayamkottai, 15 March 2010
14	One day training camp conducted by Dindigul district Red Cross Volunteer Training Camp,		Nehruji Memorial Municipal Hr. Sec. School, Dindigul, 30 March 2008
15	State level seminar on “Applied Biotechnology”	Department of Biochemistry	Rev. Jacob Memorial Christian College, Ambilikkai, Odanchattram, Dindigul, 18 October 2007
16	Training Programme for PG students for clearing NET under TEQIP Community services		NITT (National Institute of Technology Tiruchirappalli), 25-29 th November 2006

COUNTRIES VISITED

EXTRA-CURRICULAR ACTIVITIES/ CO-CURRICULAR ACTIVITIES

ATTENDED(NCC/NSS/YRC/SPORTS/LITERARY AND CULTURAL ACTIVITIES)

Programme Officer for YRC (Youth Red Cross), also Participated in Three-day YRC orientation and Training programme, Madurai Kamaraj University, 27-29 January 2008

Staff coordinator for Chemistry Department involving in STAND (Student Training

and Action for Neighbourhood Development) project for the year 2014-2015
Staff coordinator for Chemistry Department involving in STAND (Student Training and Action for Neighbourhood Development) project for the year 2013-2014

Date:

Jeyapaul U