

Faculty Profile



Name : Sr.T.Johny Dathees

Designation : Assistant professor

Department : Chemistry

Date of Birth : 02-03-1986

Date of Appointment : 24-06-2015

Academic

S.No	Degree	University / Institution	Year of Completion
1.	B.sc	Fatima College, Madurai.	2011
2.	M.Sc	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	2013
3.	M.Phil.	Madurai Kamaraj University, Madurai	2017
4.	S.E. T	Mother Theresa Women's University, Kodaikanna	2017
8.	(Ph.D)	Karunya University, Coimbatore.	2019 onwards

Total Experience: UG: 08 PG: 08 M.Phil: 04

Area of Specialization/Interest: Nanochemistry & Fluorescence Chemosensor

Year	Professional Affiliation
2015-16	Member in Campus Ministry
2017-18	Member in Entrepreneurship Cell
2018 -19	Co-ordinator of Entrepreneurship Cell & Member in Jacacadamy NET/SET
2019-20	Member in Jacacadamy NET/SET & Member in Campus Ministry

2020 – 21	Member in Jacacadamy NET/SET & Member in Campus Ministry
2021 – 22	Member in Jacacadamy NET/SET & Member in Campus Ministry
2022 – 23	Member in Jacacadamy NET/SET & Member in Campus Ministry
2023 – 24	Member in Jacacadamy NET/SET & Member in Campus Ministry

Research Publications:

International Publications: 06

1. T. Johny Dathees, **S.Sahaya Leenus**, R.Anitha, C.Sagaya Rani, Plant mediated synthesis of silver nanoparticles and their biological activities: 5(3) May-June 2016, ISSN 2319-8141, 249-258.
2. T. Johny Dathees, **S.Sahaya Leenus**, J.Jenifer, K.Kharaniya, Green synthesis of silver nanoparticles, International Journal of Universal Pharmacy and Biosciences:5(6), November-December 2016, ISSN 2319-814, 146-157.
3. **S.SahayaLeenus**, T.Johny Dathees, P.Nivetha, S.Ilakkiya, Green Synthesis of Silver Nanoparticles and their Antimicrobial Activity, Journal of Emerging Technologies and Innovative Research (An International Open Access Journal & UGC and ISSN Approved), ISSN: 2349-5162, Vol. 6, Issue.3 March 2019.
4. T.JohnyDathees, **S.SahayaLeenus**, S.MariaEsther, P.Revathi, Photodegradation of Methylene Blue in the presence of Solar Light using CdO Nanocatalyst, Journal of Emerging Technologies and Innovative Research (An International Open Access Journal & UGC and ISSN Approved), ISSN: 2349-5162, Vol. 6, March 2019.
5. **Sr.S.SahayaLeenus***, Devasahaya Mary1, T. Madhumitha2, P.Mageshwari3, Sr.T. Johny Dathees4 Green Synthesis Of Silver nanoparticles Using Muntingia

Calabura L, (Fruits)Citrus Reticulata leaves and Their Antimicrobialactivity
(An International Open Access Journal & UGC and ISSN Approved) 2020 JETIR
January 2020, Volume 7, Issue 1 www.jetir.org (ISSN-2349-5162)

6. Sr.T.Johnydathees,S.vinitha,J.Vijayalakshmi,**Sr.S.SahayaLeenus** “Green synthesis of copper oxide nanoparticles and their antimicrobial activity”in the journal of Emerging Technologies and innovative Research,7(1)2020,pp 831-840,ISSN No 2349-5162.
7. Johny Dathees T, Prince Makarios Paul S, Anandhavelu Sanmugam, Abiram A, Murugan S, Raju Suresh Kumar, Abdulrahman I. Almansour, Natrajan Arumugam, Raju Nandhakumar, Dhanasekaran Vikraman 2024, “Naphthalene derived Schiff base as a reversible fluorogenic chemosensor for aluminium ions detection” Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, Volume 308, 123732 Impact Factor: 4.4
8. Johny Dathees T, Narmatha G, Prabakaran G, Sonai Seenithurai, Jeng-Da Chai, Raju Suresh Kumar , Prabhu J, Raju Nandhakumar, 2024, “Salicylaldehyde built fluorescent probe for dual sensing of Al³⁺, Zn²⁺ ions: Applications in latent fingerprint, bio-imaging & real sample analysis” Food Chemistry, Volume 441, 138362, Impact Factor: 8.8

Funded Project:

1. JAC / 2022 – 2023 / JACFRP – Scholar / 7 “synthesis of urea and its applications”
Sept 30th, 2022

Seminars/Conferences/Workshops Participated

Year	Title	Place and Date	Level
2015-2016	Current Excitements in Biochemistry and Molecular Biology for Agriculture and Medicine	Hyderabad 27-11-2015 to 30-12-2015	International

2016-2017	Recent Trends in Chemistry (RTC-7)	J A College, Periyakulam on 11 th and 12 th January 2017	National
2017-2018	Workshop on Statistics using Excel and SPSS in Collaboration with AIMST University	J.A.College, Periyakulam on 17.01.2018 to 19.01.2018	National
2017-2018	Recent Trends in Chemistry (RTC-8)	J A College, Periyakulam on 23.01.2018	National
2017-2018	Workshop on women in science and Research, IQAC in collaboration with United states India Educational foundation, Chennai	J A College, Periyakulam on 19.02.2018 & 20.02.2018	National
2018-2019	IAS Sponsored Lecture Workshop on Recent Trends in Chemistry	Jayaraj Annapackiam College For Women, Periyakulam on 28.09.2018 & 29.09.2018	National
2019-2020	National Seminar on Recent Trends in Chemistry (RTC-10)	Jayaraj Annapackiam College For Women, Periyakulam on 10.12.2019	National
2019-2020	National webinar on outcome-based education	Jayaraj Annapackiam College For Women (Autonomous), Periyakulam 22-05-2020 to 29-05-2020	National
	Novel Corona virus (COVID-19) ministry of Health and WHO	URS Training Services LLC 08-04-2020	International
	National Commission for Women, India	National Commission for Women, India 08-04-2020	National
	Effective usage of ICT Tools for E- Content preparation	Jayaraj Annapackiam College For Women Autonomous,	National

		Periyakulam. 27-04-2020 to 02-05-2020	
	Digital Tools For Smart Classroom In Higher Education	Jayaraj Annapackiam College For Women Autonomous, Periyakulam 06-05-2020 to 07-05-2020	National
	Fundamentals Of Nano Science Organized By Department Of Physics	Thiru Kolanjiappar Govt Arts College- Virddhachalam 21-05-2020	National
	Covid -19 Organized By St.Annes B.Ed College	St.Annes B.Ed College For Woemen, J.A College	National
2020-2021	International Webinar organized by PG and Research Center of Chemistry	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam 11.06.2020 to 12.06.2020	National
2021-2022	International Conference on Multidisciplinary Aspects in Chemistry (ICMAC – 2022)	Sri Ramakrishna College of Arts & Science, Coimbatore Tamilnadu. 20.01.2022 - 21.01.2023	International
2021-2022	3-day International Virtual Conference on “Chemistry – Frontiers & Challenges (ICCFC – 2022)”	PG & Research Department of Chemistry PSGR Krishnammal College for Women, Coimbatore, Tamil Nadu, India 05.01.2022 -07.01.2022.	International
2022-2023	One day International webinar on Recent Trends in Chemistry (RTC I4)	PG and Research Center of Chemsitry and Jyothi Nivas College, Autonomous, Bangalore 19.12.2023	International
2022-2023	One-month FIP Program	Ramanujan College University of Delhi	-

Details of Seminars/ Workshops/ Training Programmes/ Lectures/ Talk organised

S. No.	Title of the Programme	Institution/Venue	Date
1.	International Workshop on Statistics using Excel and SPSS in Collaboration with AIMST University	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	17 th to 19 th Jan.2018
2.	National Webinar on “Women in Entrepreneurship”	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	15.06.2020
3.	Intercollegiate	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	09.01.2023
4.	UGC NET/SET coaching class for all the PG students	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	01.02.2023 to 28.02.2023
5.	Hands-on Training Programme	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	21.03.2023

Conference Presentations:

Year	Title of the Paper	Seminar	Venue	Date
2016-2017	Green synthesis of silver nanoparticles	UGC sponsored National Seminar on Recent Trends in Chemistry (RTC-7)	PG and Research Center of Chemistry, J A College, Periyakulam	11.01.2017 and 12.01.2017
2017-2018	Production and Characterization of CuO Nanoparticle using Mentha	National Seminar on Recent Trend in Chemistry (RTC-8)	PG and Research Center of Chemistry, J A College for Women, Periyakulam	23.01.2018

	Logifolia			
2021-2022	A switch-on Fluorescent Chemosensor for selective detection of Aluminium ions and its applications	International Conference on Multidisciplinary Aspects in Chemistry (ICMAC – 2022)	Sri Ramakrishna College of Arts & Science, Coimbatore Tamilnadu.	20.01.2022 and 21.01.2023
2021-2022	“Naphthalene-based fluorometric specific detection of Aluminum (II) and its applications”	3-day International Virtual Conference on “Chemistry Frontiers & Challenges (ICCFC – 2022)”	PG & Research Department of Chemistry PSGR Krishnammal College for Women, Coimbatore, Tamil Nadu, India	05.01.2022 - 07.01.2022
2022-2023	A Salin-type fluorescent probe for the dual sensing of Al ³⁺ , Zn ²⁺ ions and their applications in latent fingerprint, bio-imaging & real sample analysis	2 nd International Conference on Frontiers in Chemical Sciences (ICFCS-2023)	Department of Applied Chemistry, Karunya Institute of Technology and Sciences, Coimbatore, Tamil Nadu, India.	26.10.2023 and 27.10.2023
2023-2024	Green Synthesis of copper oxide nanoparticle and their antimicrobial activity using <i>Pisola Alba</i> and <i>Zea Mays</i>	Advances Functional Materials for Sustainable Development	PG and Research Center of Chemistry, J.A.College for Women (Autonomous), Periyakulam Tamil Nadu, India	04.03.2024 and 05.03.2024

Research Experience: 08 years

Research Guidance:

UG Project Completed: 04

PG Project Completed: 08

Books Published:

Year	Book	ISBN Number
2017-2018	Value Education	978-81923121-4-9
2020-2021	Allied Chemistry (volume – I)	978-81-2344-027-9
2021-2022	Allied Chemistry (volume – II)	978-81-2344-109-2

Resource Person:

Year	Title / Program	Place
2018-2019	Resource Person for SET/NETCoaching	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.
2022 - 2023	Resource Person for SET/NETCoaching	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.

Contact Details:

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