

STAFF PROFILE

- 1) Name : **Mrs. JOHNCY CAROLINE J**
- 2) Designation : Assistant Professor
- 3) Department : Chemistry
- 4) Qualification : M.Sc. B.Ed ,M.Phil
- 5) Experience : Teaching: 9 Years Research: 3
- 6) Area of Specialization (s) : Polymer Chemistry and Nano materials
- 7) E-mail : johncyever@gmail.com
- 8) Academic Qualifications: Assistant Professor
- 9) Projects Completed

Project Title	Agency	Amount	Duration
Coir pith compost with urea and tsp for the effective growth of vegetable plant Solanum melagena	UGC-SERO	96,000	2 years (March 2014 –March 2016)

10) Research Publications

International

- ❖ Pinki Mahur, Johncy Caroline.J Assessment and screening on water quality of air compressor industry effluent *International Journal of scientific research* (2019) Page No:50-52 (2019)
- ❖ Dr.P.Dhivya, Anitha Christy, J.Johncy Caroline A Comprehensive Review on the Recent Advancements in Biginelli Reaction *International Journal of Research and Analytical Review*, (2019)
- ❖ Johncy Caroline.J, Dr.C.Subha-Evaluation on the cytotoxic activity new triazole polymers and its inhibitory studies, *Compliance Engineering Journal*(2019) , Page No:515-523
- ❖ J.Johncy Caroline.,An Efficient synthesis of heterocyclic compounds and its antimicrobial activity, *Journal for Innovative development in pharmaceutical and technical science*,(2019) Page No: 505-511

- ❖ Johncy Caroline. J, Dr.C.Subha“Comparitive study of ligands, its complexation,anti-microbial and docking studies , *Journal of Interdisciplinary Cycle Research-* (2020) Page No:977-981
- ❖ S. Magdelin, J. Johncy Caroline “Green synthesis and characterization of copper nanoparticle using achyranthesaspera leaf extract and their biological activities”, *Journal of Engineering Science* – (2020), Page No: 413-422.
- ❖ Mrs. J.Johncy Caroline, Dr.C. Subha, “ Evaluation on the cytotoxicity activity of new triazole polymers and its inhibitory studies” *Compliance Engineering Journal* – (2020), Page No: 515 – 521.

11) Other Publications

- ❖ J.Johncy Caroline. Synthesis and Characterization of Copper (II) Complex of Benzaldehyde Benzoyl Hydrazine. Nirmala Annual Research Congress (NARC-18) ISBN_978-93-5321-859-1.
- ❖ J.Johncy Caroline. Synthesis and Characterization of Transition Metal Complex. Nirmala Annual Research Congress (NARC-18). ISBN_978-93-5321-859-1.
- ❖ Dr.P.Dhivya ,J.Johncy Caroline. Characterization and reduction of the effect of pollutants of municipal sewage water. Nirmala Annual Research Congress (NARC-18) ISBN_978-93-5321-859-1.
- ❖ J.Johncy Caroline ,Synthesis characterization and preliminary *in vitro* Antimicrobial Screening Activity of 2N-benzidene-5-(p-nitrophenyl)-1,3,4-thiadiazole,page-315(ISBN-978-93-5391-196-6) (2019)
- ❖ J.Johncy Caroline Synthesis, characterization of novel Schiff's Base – ligand,page-327 (ISBN-978-93-5391-196-6) (2019)
- ❖ Joyalin Elizabeth Joy, JohncyCaroline.JSynthesis and characterization of Chitosan Copper (II) complex,page-342(ISBN-978-93-5391-196-6) (2019)
- ❖ Jasmine.A ,Johncy Caroline .J An effective investigation on the quality standards of Good life milk,page-362(ISBN-978-93-5391-196-6) (2019)
- ❖ Mercy Abarna.A, JohncyCaroline.J Phytochemical analysis of aqueous and ethanol extract of Clitoria Ternatea,page-368(ISBN-978-93-5391-196-6) (2019)
- ❖ Malathi.L ,JohncyCaroline.J Phytochemical screening and antibacterial Studies of Ethanolic and Ethyacetate extract of Daturametel linn,page-447(ISBN-978-93-5391-196-6) (2019)
- ❖ Sudarvizhi.N ,JohncyCaroline.JSynthesis and characterization of salicylaldehyde benzoyl hydrazone,page-494(ISBN-978-93-5391-196-6) (2019)
- ❖ Magedlin.S, JohncyCaroline.JEvaluation of synthesis, phytochemical screening and biological activities of leaves extract of Achyranthes Aspera”, *Journal of Engineering Science*,page-557(ISBN-978-93-5391-196-6) (2019)

12) Presentations in Conference

International

- Presented Paper in International Conference on innovations in Chemical Sciences-2019 on the topic “Synthesis ,Characterization and in vitro anticancer activity of quinolinederivative” organized by Kongunadu Arts and Science College, Coimbatore on 19th Feb 2019
- Presented Paper in International Conference on innovations in Chemical Sciences-2019 on the topic “Synthesis ,Characterization and antibacterial screening of copper II complex of benzaldehyde benzoyl hydrozone ” organized by Kongunadu Arts and Science College, Coimbatore on 19th Feb 2019.
- Presented Paper in International Conference on innovations in Chemical Sciences-2019 on the topic “Design and improved synthesis of Quinacridines –A comparative study” organized by Kongunadu Arts and Science College, Coimbatore on 19th Feb 2019.
- Presented Paper in National Conference Futuristic Intricate Stratagems in Computational Genomics (CGEN -2019) on the topic “Coir pith compost with Urea and TSP for the effective growth of vegetables” organized Department of Botany and Bioinformatics ,Nirmala College for women, Coimbatore on 24th and 25th Jan 2019.
- Presented Paper in National Conference Futuristic Intricate Stratagems in Computational Genomics (CGEN -2019) on the topic “Antioxidant Activity of Novel 2,4 Dichloroquinolines” organized by, Department of Botany and Bioinformatics ,Nirmala College for women Coimbatore on 24th and 25th Jan 2019.
- Presented Paper in National Conference Futuristic Intricate Stratagems in Computational Genomics (CGEN -2019) on the topic “Water Quality Assesement on Industrial water effulent from metro air compressor Industry” organized by, Department of Botany and Bioinformatics ,Nirmala College for women Coimbatore on 24th and 25th Jan 2019.
- Presented Paper in National Conference Futuristic Intricate Stratagems in Computational Genomics (CGEN -2019) on the topic “Analysis of Drinking water quality” organized by, Department of Botany and Bioinformatics, Nirmala College for women Coimbatore on 24th and 25th Jan 2019.

13) Participation in Conference

- ❖ Participated in International e-conference on Contemporary Innovative Developments in Applied Biology (CDAB-2020) organized by Department of Botany and Bioinformatics on 22nd January,2020
- ❖ Participated in International Conference on innovations in Chemical Sciences-2019 organized by Kongunadu Arts and Science College, Coimbatore on 19th Feb 2019.
- ❖ Participated in National Conference on Futuristic Intricate Stratagems in Computational Genomics (CGEN -2019) on the topic organized by, Department of Botany and Bioinformatics, Nirmala College for women Coimbatore on 24th and 25th Jan 2019.

14) Participation in Seminar

- ❖ Participated a national level seminar on Design, Advanced Characterization and Applications of Next Generation Energy Technology Nanomaterials Organized by Department of Science and Humanities PA College of Engineering and Technology, Pollachi on 25th and 26th April 2019
- ❖ Participated in National level seminar on Innovations in Chemical Sciences and Green Technology organized by PSGR Krishnammal College for Women on 6th and 7th Sep 2018
- ❖ Participated one day International Symposium on Sustainable innovations and empowerment in chemistry organized by PG and Research Department of Chemistry, Nirmala College for Women
- ❖ Participated in the National Seminar Cum Medicinal plant exhibition on Complementary and alternative Indian system of medicine organized by, Department of Botany and Bioinformatics, Nirmala College for women Coimbatore on 1st and 2nd Feb 2019.

15) Participation in Workshop

- ❖ Participated a state level Workshop on Computational Chemistry Workshop Organized by Department of Chemistry, Sri Ramakrishna College of Arts & Science, Coimbatore on 14.08.2019.
- ❖ Participated a state level Workshop on Rain Water Harvesting and Water Management in Developing Cities organized by CBM College, Kovaiputhur on 02.11.2020
- ❖ Attended a Workshop on the Revised Guidelines for the Accreditation Process of NAAC organized by the IQAC Nirmala College for Women Coimbatore on 7th March 2020
- ❖ Attended An Orientation Workshop in open access E-Recourses for Research INFLIBNET recourses organized by the IQAC Nirmala College for Women Coimbatore on 9th Nov 2020
- ❖ Attended a Workshop on Intellectual Property Rights, Patents and Copyrights organized by the IQAC Nirmala College for Women Coimbatore on 2th Feb 2019
- ❖ Participated in one day state level workshop on Computational Chemistry organized by Sri Ramakrishna College of Arts and Science, Coimbatore on 14th August, 2019.
- ❖ Participated in the one day workshop on Outcome Based Education, organized by the IQAC, Nirmala College for Women, Coimbatore on Oct 13th, 2018
- ❖ Completed Internship training and NABL certified in Water Analysis and Good Laboratory Practices from 12th December to 15th December 2018 at Analytical Technology laboratory, Coimbatore.
- ❖ Attended DST-CURIE sponsored one –day training programme on “Field Emission Scanning Electron Microscope (FESEM) organized by Avinashi lingam Institute for Home Science and Higher Education for Women on 22-09-2018

- ❖ Participated in a one-day Hands on training on Google Doc's, KAHOOT Apps and online book publishing organized by the Department of Mathematics on 27 th November 2018
- ❖ Participated in Training Program organized by CBNR, Echanari, Coimbatore on Phytochemistry and Nano chemistry 28.08.2019
- ❖ Participated in the training on Good laboratory practices conducted by Analytical Technology Laboratory, from 12th December to 15th December ,2018 Mylampatti, Coimbatore
- ❖ Participated in one day traning programme on Field Emission Scanning Electron Microscope (FE SEM) conducted by Avinashilingam Institute of Home Science on 22nd Sep 2018

16) Participation in Faculty Development Programme

- ❖ Participated FDP in Innovative Teaching Strategies Curriculum Development Cell organized by Nirmala college for Women, Coimbatore on 30.10.2019
- ❖ Participated in Faculty Development Programme on “Tunning Academic Research for potential funding opportunities” organized by Department of Chemistry Nirmala College for Women, Coimbatore on 19th Jan 2019

17) Conference/ Seminar/ Workshop Organized

- **Recent Trends in Chemistry**– National Seminar – 1st And 2nd March 2007.
- **Innovative Teaching Learning in Chemistry** –Regional Workshop - 7th December 2007.
- **Food Quality and Safety** – UGC Sponsored National Seminar – 9th January 2009.
- **Nanoscience And Technology – A Chemistry Perspective** – UGC Sponsored National Seminar - 24th September 2009.
- **Traditional And Modern Medicine: Current Trends And Future Prospects**– UGC Sponsored National Seminar - 25th February 2011.
- **Chemistry – A Solution To Global Challenges** – UGC Sponsored National Seminar – 24th February 2012.
- **Essentials Of Spectroscopy, Pericyclic Reactions and Quantum Chemistry – SPQ - 2013** - Regional Workshop – 09.01.2013 & 10.01.2013.
- **Fundamentals Of Statistical Thermodynamics, Nano Chemistry, Corrosion Chemistry and Spectroscopy – STNCS 2013** - Seminar – 3rd& 4th September 2013.

- **Spectroscopy Techniques and Applications In Chemical Structure Elucidation STACSE—2014** - Science Academic' Lecture Workshop 5th And 6th December 2014.
- **Advances In Chemistry-** Seminar - 13th February 2015.
- **Micro Analysis in Chemistry** – Workshop Under DBT STAR College Scheme. 19.01.2016
- **Emerging Trends In Frontiers Of Metal Organic Chemistry** - UGC Sponsored Seminar - 18.02.2016.
- **Intercollegiate Students Meet – CHEMFLAIR' 16.** 27.09.2016.
- **Orientation Programme for UGC NET Exam In Chemistry** – UGC Funded - 10.02.2017.
- **Principles and Applications of Mass Spectrometry, Polarography and Nano Chemistry** – UGC Funded Seminar – 12.02.2018.
- **Chemistry for National Level Competitive Examination** – Orientation Workshop – 29.10.2018.
- **Tuning Academic Research for Potential Funding Opportunities** – FDP - Funded Under the DBT Scheme – 19.01.2019.
- **World Ozone Day Celebration** – Poster Competition – Every Ozone Hole – A Threat to our Soul. Funded under the DBT Star College Scheme – 16.09.2019.
- **History and Chemistry of Periodic Table** – Exhibition in Commemoration of International Year of Periodic Table of Chemical Elements – IYPT 2019 – Funded Under the Star College Scheme, DBT, Govt of India - 19.09.2019.
- In Commemoration Of **International Year Of Periodic Table Of Chemical Elements – IYPT 2019** – National Seminar -Funded Under the Star College Scheme, DBT, Govt of India - 20.09.2019.
- FDP Programme for Non Teaching Faculty – Know First Aid – become a Life Saver. DBT Funded FDP Programme for Non Teaching Faculty – 02.12.2019.
- **Sustainable Innovations And Empowerment In Chemistry** – International Symposium – Video Conference - 18.12.2019.