



## PERSONAL CREDENTIALS

Name	Dr. KANCHANA U S
Designation	GOVERNMENT GUEST FACULTY
Department	CHEMISTRY
Date of Joining	01/06/23
Total teaching experience as on 01 January 2024	6 MONTHS
Contact Number	9605518512
Address for Correspondence	GOVERNMENT GUEST FACULTY IN CHEMISTRY DEPARTMENT OF CHEMISTRY K G COLLEGE, PAMPADY PIN 686502
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## ACADEMIC QUALIFICATIONS

Degree	Subject	Institution and University
UG	CHEMISTRY	ST.GEORGE'S COLLEGE, ARUVITHURA, MG UNIVERSITY
PG	CHEMISTRY	ST.GEORGE'S COLLEGE, ARUVITHURA, MG UNIVERSITY
M.Phil	POLYMER CHEMISTRY	SCHOOL OF CHEMICAL SCIENCES, MG UNIVERSITY
Ph D	CHEMISTRY	ST. THOMAS COLLEGE, PALA , MG UNIVERSITY

## COLLEGE LEVEL DUTIES/MAJOR CHARGES

Duty	Position	Duration
ORGANIZATION OF SEMINARS, EVENTS ETC	CHEMISTRY ASSOCIATION IN CHARGE	2023-24



## PUBLICATIONS AND PRESENTATIONS

## JOURNAL PUBLICATIONS

- Current trends and advancements in Ferrier and Petasis Ferrier Rearrangement, *Journal of organometallic Chemistry*(2023)
- Ruthenium catalyzed direct reductive amination of carbonyl compounds for the synthesis of amines: An Overview, *European Journal of organic chemistry*, (2023)
- Recent advances in the Nickel-catalysed electrochemical coupling reactions with a focus on the type of bond formed, *Asian journal of organic chemistry*(2022)
- Recent trends in Nickel-Catalyzed C-S Bond Formation, *Asian journal of organic chemistry*11 (2022)
- Surface functionalization of ZnO nanoparticles with functionalized bovine serum albumin as a biocompatible photochemical and antimicrobial agent, *Surfaces and Interfaces* 24 (2021)
- Palladium catalyzed C-P bond forming reactions: An overview, *ChemistrySelect*6 (2021)
- Current developments in the synthesis of 4-Chromanone derived compounds, *Organic and Biomolecular Chemistry* 19 (2021)
- Cyclodextrin based palladium catalysts for Suzuki reaction: An overview, *Carbohydrate Research* 489 (2020)
- Recent advances and prospects in the nickel-



	<p>catalyzed cyanation, <i>Journal of Organometallic Chemistry</i> 920 (2020)</p> <ul style="list-style-type: none"> <li>• Palladium-catalyzed cross-coupling reactions of coumarin derivatives: An overview. <i>Applied Organometallic Chemistry</i> (2020) e5983</li> <li>• Recent Developments and Perspectives in the C-Se Cross Coupling Reactions, <i>Current Organic Chemistry</i> (2020)</li> <li>• Recent developments in the metal catalyzed cross-coupling reactions for the synthesis of the enone system of chalcones, <i>Applied Organometallic Chemistry</i> (2020) e5987</li> <li>• Recent studies in Suzuki-Miyaura cross-coupling reactions with the aid of phase transfer catalysts, <i>Journal of Organometallic Chemistry</i> 927 (2020)</li> <li>• Recent developments in the metal catalyzed cross-coupling reactions for the synthesis of the enone system of chalcones, <i>Applied Organometallic Chemistry</i> (2020) e5987</li> </ul>
BOOK/BOOK CHAPTER PUBLISHED	<ul style="list-style-type: none"> <li>• PHOTSENSITIZERS AND THEIR APPLICATIONS, (Chapter 11) ISBN:978-1-68507-880-5, (2022) Nova Science Publishers, Inc. 415 Oser Avenue, Suite N Hauppauge, NY, 11788 USA. (DOI: <a href="https://doi.org/10.52305/KWAV1221">https://doi.org/10.52305/KWAV1221</a>)</li> </ul>
POSTER/PAPER PRESENTED	<ul style="list-style-type: none"> <li>• Presented a paper in the National Seminar on Insights and Innovations in Smart Materials (IISM 2023) jointly organized by P.G Department of Chemistry, St Thomas College, Ranni, Amal Jyothi College of Engineering,</li> </ul>



	<p>Kanjirapally, KSCSTE and M.G University on 19-20 January 2023.</p> <ul style="list-style-type: none"> <li>• Presented a poster in the national conference on Recent Advances in Chemical Sciences (RACS-2020) organized by School of Chemical Sciences, Mahatma Gandhi University, Kottayam on 7-8 February, 2020 under DST-PURSE, Govt. of India.</li> <li>• Presented a poster in the international workshop on Catalysis and Applications (IWCA-2020) held at MG University, Kottayam on 28-30 January 2020.</li> <li>• Presented a paper in the 32<sup>nd</sup> Kerala Science Congress held at Yuvakshetra institute of management studies, Palakkad on 25-27 January 2020.</li> <li>• Presented a paper in the Youngs scholars Congress 2019 organised by AKG centre for Study and Research on 16-17 march 2019 at Thiruvananthapuram.</li> </ul>
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WORKSHOPS/SEMINARS/CONFERENCES ORGANISED	
Position	Details
CO-ORDINATOR	<ul style="list-style-type: none"> <li>• TWO DAY WORKSHOP ON “CLIMATE CHANGE-MITIGATION, IMPACT AND ADAPTATION” ORGANIZED BY DEPARTMENT OF CHEMISTRY, K.G COLLEGE, PAMPADY CO-SPONSORED BY KSCSTE ON 11-12 JANUARY 2024</li> </ul>

