


4. FACULTY PROFILE

NAME	Dr. Subin Kumar. K	
DESIGNATION	Assistant Professor of Chemistry	
QUALIFICATION	M.Sc, M.Phil, Ph.D	
EMAIL ID	subinnhc@gmail.com	
TOTAL YEARS OF SERVICE	9.5 years	
DATE OF JOINING INTO THIS COLLEGE	09/07/2022	
ADDRESS	Moochithottam (House), N. H. Colony, Arimbra (Post), Malappuram, 673638, Kerala -India	

POSITIONS HELD IN COLLEGE

- Class Tutor of B.Sc Chemistry 2022-25 batch
- UG Admission Committee Member
- College Website Committee member
- Campuses of Kozhikode Committee member
- College Seminar Series committee member
- Infrastructure & Learning Resources (Computer and Accessories) committee member

TEACHING INTERESTS

1. Inorganic/ Coordination Chemistry
2. Organic Chemistry

RESEARCH AREAS

1. Coordination Chemistry-synthesis
2. Schiff bases metal complexes
3. Anticancer and antimicrobial evaluation of metal complexes
4. Bioinorganic Chemistry

RESEARCH GUIDESHIP AND CENTRE

1. Guideship under Calicut University
2. Research Centre: Dept. of Chemistry, Govt. College Madappally, Vadakara

Ph.D GUIDED:

RESEARCH PROJECTS/GRANTS/FELLOWSHIPS RECEIVED:

MEMBERSHIPS IN BOARD/ ASSOCIATION/ PROFESSIONAL AFFILIATIONS

1. **Member** – Board of Question Paper Setters for Vth Sem B.Sc Chemistry (CBCSS) of Kannur University
2. **Member** – Board of Question paper setter III Sem M.Sc Chemistry of Farook College (Autonomous) Kozhikode

- Nil

JOURNAL PUBLICATIONS

Si. No	Title	Name of journal / Vol. No / Issue no./ Page no.	Publishers	Year
1.	Synthesis, <i>in-vitro</i> and <i>in-vivo</i> antitumor and antimicrobial activities of a novel schiff base ligand, (e)-ethyl-3-((2-((e)- (2-hydroxybenzylidene)amino)ethyl)imino)butanoate and its transition metal complexes	Pharmaceutical Chemistry Journal [55, No. 12, 2022]	Springer	2022
2.	Design, synthesis, crystal structure, antitumor and antimicrobial evaluation of a novel substituted pyrazole and its some metal complexes	Materials Today: Proceedings [62, 5427–5433]	Elsevier	2022
3.	Mosquito larvicidal activity of DNA capped colloidal silver nanoparticles	IOP Conf. Series: Materials Science and Engineering	IOP Conf.	2022
4.	Design, one-pot synthesis, cytotoxic, in vivo anticancer, antioxidant and antimicrobial evaluation of a novel mixed schiff base ligand and its metal complexes	Results in Chemistry [4 (2022) 100463]	Elsevier	2022
5.	Anticancer, in vitro cytotoxicity and antimicrobial properties of a Schiff base ligand, 3-((2-((1-(2-hydroxyphenyl)ethylidene)amino)ethyl)imino)-N-(p-tolyl)butanamide, and its metal complexes	Journal of Coordination Chemistry [74, NO. 16, 2798–2816]	Taylor & Francis	2021
6.	Synthesis, cytotoxic, anticancer and antimicrobial activities of some metal complexes of a novel tetradentate Schiff base ligand, (E)-3-((2-((E)-(1-(2-hydroxyphenyl)ethylidene)amino)ethyl)imino)-N-phenylbutanamide	Results in Chemistry [3, 100129]	Elsevier	2021
7.	Synthesis, anticancer and larvicidal activities of a novel Schiff base ligand, 3-((2-((1-(4-hydroxyphenyl)ethylidene)amino)ethyl)imino)-N-(p-tolyl) butanamide and its metal complexes	Results in Chemistry [3, 100166]	Elsevier	2021
8.	Synthesis, crystal structure, and in vitro cytotoxic, antitumor and antimicrobial evaluation of a new pyrazole derivative <i>n</i> -3,5-trimethyl- <i>n</i> -phenyl-1- <i>h</i> -pyrazole-1-carbothioamide	Pharmaceutical Chemistry Journal [54, No. 10, January, 2021]	Springer	2020
9.	Novel thermally stable photoluminescent trinuclear Cadmium(II) EDTA complex	Materials Today: Proceedings [5 (2018) 16790–16799]	Elsevier	2018

10.	Synthesis, characterization, cytotoxic, anticancer and antimicrobial studies of novel Schiff base ligand derived from vanillin and its transition metal complexes	Journal of Pharmaceutical Sciences and Research [9(8), 1317]	PharmInfo Publication	2017
11.	Synthesis, Characterization and Pharmacological activity of complexes of Cu (II), Ni (II), Mn (II) and Co (II) from <i>Chalcone N (4)-methyl (phenyl) thiosemicarbazone</i>	Journal of Pharmaceutical Sciences and Research [9 (9), 1444]	PharmInfo Publication	2017

ARTICLES IN PERIODICALS/MAGAZINES/ANY OTHER:

SEMINARS ORGANIZED: National Science Day Celebration- National Seminar

PAPER PRESENTATION AT STATE / NATIONAL/ INTERNATIONAL PROGRAMMES

SL.NO	TITLE OF THE PAPER	NAME OF THE INSTITUTION	NAME OF THE CONFERENCE/SEMINAR	VENUE & DATE
1.				

SEMINARS/CONFERENCES/WORKSHOPS ATTENDED

Sl.no	Name of the programme	Name of the organiser & Sponsoring agency	Venue & Date	Level *
1.	Two-day national seminar on medicinal and computational chemistry	UGC (Govt. College Madappally)	24/11/17-25/11/17	National
2.	National seminar on theoretical & computational chemistry	KSCSTE	29/11/18-1/12/18	National
3.	Two-day national science parliament	Higher Education -Kerala	18/1/17-19/1/17	National
4.	Two-day national seminar on frontiers & developments in nanoscience	UGC- KSCSTE	23/11/17-24/11/17	National
5.	Workshop for college Chemistry students and teachers	JNCASR & FCBS Trivandrum	26- 28, 2017	National
6.	Flair personality development training programme	DCE- Kerala	4/1/16-5/1/16	State
7.	Workshop for college chemistry students & teachers	UGC	26/10/16-28/10/16	National
8.	Faculty induction programme "parinam"	DTE -Kerala	16/6/15-18/6/15	State
9.	Training programme on interpersonal relationship	DCE- Kerala	26/6/13-28/6/13	State
10.	One day workshop on m-learning	DCE- Kerala	07-02-2013	National
11.	Fourth national technological congress Kerala	DTE and KSCSTE	20/2/14-21/2/14	National
12.	UGC sponsored national conference on smart materials	UGC	24/3/15-25/3/15	National
13.	Training workshop in advanced nanofabrication technologies	DCE- Kerala, IISc	23/2/16-26/2/16	National
14.	Flair communication skill development training programme	DCE- Kerala	11/11/15-12/11/15	State

15.	Flair induction training programme	DCE -Kerala	7/10/13-11/10/13	State
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OTHER PROGRAMMES ATTENDED:

Programme	Name of the programme	UGC/HRDC Name	Date & Year
Orientation Programme	87 th Orientation Programme	UGC-HRDC Calicut University	23.10.2014 to 20.11.2014
Refresher Course	Chemistry	UGC-HRDC Mumbai University	19.10.2020 to 31.10.2020
	Material Science	UGC-HRDC Kerala University	29.07.2022 to 11.08.2022
	Two-week workshop on Research methodology	College Development Council MG University	03.12.2018 to 17.12.2018
Short term Course	Short term course on Innovation and rejuvenation on teaching in higher education	MHRD -TLC Under PMMMMNMT Dept. of Education University of Calicut	12.12.2019 to 18.12.2019

AWARDS/ACHIEVEMENTS/ POSITIONS/ OTHERS :

OTHER RELEVANT INFORMATION IF ANY :