



FACULTY PROFILE

Name	SUMITHA TOM
Designation	ASSISTANT PROFESSOR
Department	CHEMISTRY

PERSONAL VISION AND MISSION

To provide a unique learning experience which will enable the students to realize their potential and mould their overall Personality.

PERSONAL DETAILS

Date of entry into permanent service	04/06/2018
Total teaching experience as on 01 December 2022	4 YEARS & 5 Months (Assistant Professor) and 5 YEARS (HSST CHEMISTRY)
Age and Date of Birth	35, 23/02/1987
Residential Address	Pazhampallil(H), Palankara P.O, Nilambur R S, Malappuram Pincode: 679330
Address for Correspondence	Pazhampallil(H), Palankara P.O, Nilambur R S, Malappuram Pincode: 679330
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ACADEMIC QUALIFICATIONS

Degree	Subject	Institution and University	Grade/ Rank etc.
UG	BSc Chemistry	PRNSS COLLEGE, MATTANNUR, KANNUR UNIVERSITY	86.80% Distinction
PG	MSc Analytical Chemistry	K.E COLLEGE ,MANNANAM, MG UNIVERSITY	86.04% FIRST RANK
BEd	Physical Science	ST. JOSEPH'S TRAINING COLLEGE, MANNANAM, MG UNIVERSITY	3.85/4.00 A ⁺
Diploma	Computer Application	PRNSS COLLEGE, MATTANNUR, KANNUR UNIVERSITY	A ⁺

COLLEGE LEVEL DUTIES / MAJOR CHARGES

Duty	Position	Duration
Class Teacher(D2 Chemistry)	Class Teacher	2018- 2019 2019-2020 2020-2021 2021-2022 2022-2023
College Reprographic Centre Committee	Member	2018-2019 2019-2020 2020-2021
Hostel committee	Member	2020-2021
Walk with a Scholar	Mentor((Chemistry)	2020-2021
University Orthodox Teachers Christian Association and Campus Ministry	Member	2021-2022
NET Coaching Committee	Member	2021-2022
Consultancy Committee	Member	2021-2022
Women's cell	Member	2021-2022 2022-2023
College Council	Member	2022-2023



Media Club	Member	2021-2022 2022-2023
PTA Executive committee	Member	2022-2023

POSITIONS HELD/ AWARDS/ RECOGNITIONS/ MAJOR ACHIEVEMENTS

Name	Details
First Rank	2009- First Rank in MSc Analytical Chemistry, MG University
SET	2013-Qualified State Eligibility Test (SET)
CSIR/UGC JRF& NET	2015-CSIR/UGC JRF& NET (All India Rank-44)
NPTEL SWAYAM COURSE MENTOR	NPTEL Certificate Course in Bioinorganic Chemistry Mentor.

RESEARCH EXPERIENCE

Junior Research Fellow	2017-2018- Junior Research Fellow at Dept. of Chemistry, Calicut University
Part Time Research Fellow	2018-till the date –Part Time Research Fellow at SB College Changanassery
Area of Research	Analytical Chemistry Inorganic Chemistry Nano Science



No. of papers presented in Conferences, Seminars, Workshops and Symposia	6
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PUBLICATIONS AND PRESENTATIONS

Proceedings of international/ National symposiums	Presented a paper in the National Seminar on New Frontiers in Theoretical Chemistry (NFTC-2018), organized by Dept. of Chemistry, Catholicate College, Pathanamthitta on 19th-20th January 2018.
Paper Presentations (International/ National)	- Presented a poster in the National Seminar on Frontiers in Chemical Science-2018(FCS-2018) sponsored by KSCSTE held at University of Calicut from 26th - 28th February 2018. - Presented a paper in one day National Conference on Advances in Green Chemistry and its Applications –AGCA 2K20 organized by the Dept. of Chemistry Sri Ramakrishna College of Arts and Science Coimbatore, Tamil Nadu on 30th January 2020. - Presented a paper in one day National Conference on Emerging Trends in Material Science (NCETMS-2022) Organized by Dept. of Physics ,St. Dominic College, Kanjirapally on 6th -7th June 2022. - Presented a paper in the International conference on Emerging Trends in Advanced Functional materials(ETAFM 2022), organized by P G Dept. of Chemistry, Catholicate College , Pathanamthitta in Collaboration with Dept. of Chemistry, St.Albert's College, Ernakulam and Akay Natural Ingredients Pvt.Ltd., on 11th & 12th August 2022. - Presented a paper in the one day International Conference on Cyber Security , Organized by Dept. of Computer Application, Catholicate College, Pathanamthitta in collaboration with MG University, Kottayam, on 8th November 2022.

WORKSHOPS /SEMINARS/ CONFERENCES ORGANISED

Position	Details



Co-ordinator	NDRF FAMILIARIZATION EXERCISE, Organized by PG Dept. of Chemistry catholicate College in Association with NDRF 4TH Bn. Arakkonam, District Disaster Management Authority, NCC and NSS Catholicate College, Pathanamthitta.
Co-ordinator	One day Workshop on Techniques in Chemistry, CHEMSPARK-2022. Organized by PG Dept. of Chemistry Catholicate College, Pathanamthitta and All Kerala Chemistry Teachers Association (CHEMTAK), Pathanamthitta district committee

WORKSHOPS /FDP/ORIENTATION/REFRESHERCOURSES ATTENDED

Name	Details
One day workshop for Science teachers on “ Science Exhibition in Schools”	One day workshop for Science teachers on “ Science Exhibition in Schools” held at Delhi International School Valancheri, Malappuram on 4th November 2014.
One day Workshop for Chemistry Teachers- Royal Society of Chemistry, Yusuf Hamied Inspirational Chemistry Programme	One day Workshop for Chemistry Teachers- Royal Society of Chemistry, Yusuf Hamied Inspirational Chemistry Programme organized by Fatimagiri English School, Nilambur, on 15th November 2014.
One day Workshop on NAAC Assessment and Accreditation	One day Workshop on NAAC Assessment and Accreditation organized by All India Association for Christian College Higher Education (AIACHE), New Delhi and Catholicate College Pathanamthitta on 11th January 2020.
Two week MOOC Course on Online learning and Content Development	Two week MOOC Course on Online learning and Content Development from 18th April -2nd May 2020, organized by Flair Kerala, Directorate of Collegiate Education, Kerala
FDP on ICT Tools in Teaching Chemistry	FDP on ICT Tools in Teaching Chemistry conducted from 2nd -6th September 2020, organized by Dept. of Chemistry ,St. Theresa's College ,Ernakulam.
FDP on 'R'	FDP on 'R' ,from 7th -14th September 2020, organized by Marthoma College Thiruvalla with Spoken Tutorial Project IIT Bombay.



SWAYAM ARPIT ONLINE REFRESHER COURSE in Chemistry for Higher Education	SWAYAM ARPIT ONLINE REFRESHER COURSE in Chemistry for Higher Education from 1st December 2020-31st March 2021.
Four week Induction/Orientation Programme for Faculty in Universities/ Colleges/ Institutes of Higher Education	Four week Induction/Orientation Programme for Faculty in Universities/ Colleges/ Institutes of Higher Education, from 21st August - 19th September 2021 organized by Teaching learning centre, Ramanujan College, University of Delhi under the aegis of Ministry of Education Pandit Madan Mohan Malavya National Mission on Teachers and Teaching.
Online Training on Virtual Labs for Experiential Learning	Online Training on Virtual Labs for Experiential Learning was organized by the department on 30th October, 2021 on Zoom Online Platform in association with the National Institute of Technology (NITK), Karnataka.
Workshop on Microscale Experiments in Inorganic and Organic Chemistry	Workshop on Microscale Experiments in Inorganic and Organic Chemistry for college and Higher Secondary School Teachers was organized by the department on 6th November, 2021 in collaboration with S. T. Hindu College, Nagercoil
One week online Hands on training on Learning Management system (Moodle)	One week online Hands on training on Learning Management system (Moodle) from 11th to 17th May 2022 organized by Faculty Development centre of the Kerala State Higher Education council
Two day workshop on Outcome based Education	Two day workshop on Outcome based Education Training from 20th to 21st May 2022, conducted at Catholicate College Pathanamthitta in association with Kerala state Higher Education council (KSHEC) and MG University.
Two day Workshop on NGGFN Campus Green: Green Audit Training	Two day Workshop on NGGFN Campus Green: Green Audit Training from 17th November 2022 & 2nd December 2022, conducted at Catholicate College, Pathanamthitta.
One day Workshop on Techniques in Chemistry	One day Workshop on Techniques in Chemistry, CHEMSPARK-2022. Organized by PG Dept. of Chemistry Catholicate College, Pathanamthitta and All Kerala Chemistry Teachers Association (CHEMTAK), Pathanamthitta district committee.

**ANY OTHER RELEVANT INFORMATION****Invited talks/ Resource Person**

- Participated as Resource person in Sasthrapadham, a science enrichment residential camp organized by Samagra Shiksha Kerala in collaboration with Directorate of Collegiate Education and Dept. of Higher secondary Education Kerala held on 26th to 27th January 2019 at Catholicate College Pathanamthitta.
- Participated as Resource person and delivered a lecture in the National Science day Webinar held on 28th February 2022 at Dept. of D.El.Ed, St. Joseph TTI Mananthavady, Wayanad.

Community outreach and extension activities

- Co-operated with all the programmes and activities connected with flood conducted at Aranmula, Elanthoor and Punnacode during the year 2018 August.
- Participated in the Flood Relief Activities at Nilambur in Malappuram district, which was devastated by the floods in August 2019
- Sanitizer preparation: The Department prepared hand sanitizer (using the WHO guidelines) in the wake of covid-19 outbreak. The sanitizer was distributed among the college community and also among the Police officers of Pathanamthitta. Further, the guidance for the preparation of disinfectant was also given to the Police department, Pathanamthitta. It was very helpful for them to disinfect the Pathanamthitta locality.

Name and Signature of Teacher with date