

## Faculty profile

Faculty Name : Saranya K. P.  
Designation : Assistant Professor  
PEN : 821994  
Department : Chemistry  
Is HOD : No  
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Experience Details :

Sl. No.	Positions held	Name of the Institute	From	To
1.	Guest Lecturer	Mercy College, Palakkad	June 2011	February 2012
2.	Guest Lecturer	Govt. College Chittur	July 2016	March 2017
3.	Guest Lecturer	Govt. College, Chittur	June 2017	October 2017
4.	Assistant Professor in Chemistry	Govt. College Chittur, Palakkad, Kerala, India, PIN-678104	25-10-2017	Continuing

### Educational qualifications

Course	University/ Institution
B.Sc. Chemistry	University of Calicut, Malappuram, Kerala, India
M.Sc. Chemistry	University of Calicut, Malappuram, Kerala, India
UGC-NET (Chemical Science)	Qualified in December 2010
Ph.D	doing

## Publications (Newest first)

1. Thin silica shell on Ag<sub>3</sub>PO<sub>4</sub> nanoparticles augments stability and photocatalytic reusability." Kavya, P., S. Priya, K. Pradeesh, K. Sandeep, **K. P. Saranya**, V. L. Thomas and M. Shanthil, *RSC Advances*, 13(44), **2023**, 30643-30648.
2. Revealing the role of OH group on photophysical properties of Anthracene substituted Salicylidines, **K. P. Saranya**, Thufail M. Ismail, P. Kavya, M. Shanthil\*, Pookkottu K. Sajith\*, Proceedings of International Conference on Emerging Frontiers in Chemical Sciences-**2021**, Postgraduate and Research Department of Chemistry, Farook College, Calicut, Kerala, India. **ISBN: 978-81-953059-1-9**.
3. Adsorption of Chromium (VI) from aqueous solutions by *Terminalia Chebula*- A kinetic approach, C. I. Mercy, **K. P. Saranya**, K. Kala, *Indian Journal of Environmental Protection*, 31(10), **2011**.

## Paper Presentations

	Title of paper	Name of Conference/seminar	Date
1	The influence of Charge Transfer state and ESIPT in the emission of Salicylidene-2-anthryl amine (Best presentation Award)	National Seminar on Functional Polymers in Material Applications- polyMAT 2023, Research Department of Polymer chemistry, Govt. College, Attingal, Kerala.	15/11/2023 to 17/11/2023
2	Role of Charge Transfer State together with ESIPT in Tuning the Emission of Salicylidene-2-anthrylamine in solution.	National Conference on Emerging Frontiers in Chemical Sciences 2022 (EFCS 2022), Research Department of Chemistry, Farook College, Calicut, Kerala, India.	20/1/2023
3	Revealing the role of OH group on photophysical properties of Anthracene substituted Salicylidine.	International Conference on Emerging Frontiers in Chemical Sciences 2021 (EFCS 2021), Research Department of Chemistry, Farook College, Calicut, Kerala, India.	31/10/2021
4	Role of ESIPT in Salicylaldehyde based Schiff bases: -A review	National Seminar on Recent Trends in Materials Sciences (NSRTMS-2019), Department of Chemistry, Govt. College, Chittur, Palakkad, Kerala.	6/12/2019
5	Removal of chromium (VI) from	National Seminar on Visualization of	12/01/2017

	aqueous solutions by Terminalia Chebula	Molecular Acrobatics through Computational Chemistry (VMAAC17), Department of Chemistry, Govt. College, Chittur, Palakkad, Kerala.	
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**Areas of Interest:**

- Physical chemistry
- Photochemistry
- Nano chemistry

**Field of Research:**

**Synthesis of Schiff bases and their Photophysical, photochemical and electrochemical studies.**

**Seminars / Workshops Organized**

Sl No	Name of the Programme	Date
1	Coordinator of an Energy conservation seminar for public in association with Chittur Tattamangalam Municipality	2/2/2023
2	Organizing committee member of Webinar on "Frontiers of Spectroscopy"	16/10/2020
3	Organizing committee member of DCE Sponsored National Seminar on Recent Trends in Materials Sciences (NSRTMS-2019)	5/12/2019 & 6/12/2019

**Academic & Administrative Responsibilities**

1. Open Course convener- 2018
2. UG-PG Admission Nodal officer 2019-2020
3. Committee member -Women cell 2018, 2019
4. Member of Green campus committee 2019-20
5. Convener, Counseling cell 2021-22
6. Admission core committee member- 2020-21, 2021-22, 2022-23 & 2023-24
7. Convener Environment club 2022-23
8. IQAC member 2022-23 & 2023-24

9. RUSA member 2023-24
10. College Union Election Core committee member 2023-24
11. Exam Committee Member (University examination) – 2023-24

**Any other details to specify:**

1. "Talent hunt- Shastrajalakam", KSCSTE–Resource person, 2018
2. Kollengode sub-district level science seminar, General education department- Judging panel member, 2019
3. Kollengode sub-district level science fair, General education department- Judging panel member, 2019
4. Question Paper Setter for Various Autonomous Colleges.
5. Board of studies member- Faculty of Science: Applied Chemistry & Industrial Chemistry, **U.O.No. 6444/2023/Admn**, Dated, Calicut University P.O, 11.04.2023