

CAUVERY COLLEGE FOR WOMEN
(AUTONOMOUS)
STAFF PROFILE

PERSONAL INFORMATION

1. Name : Dr. S. Saranya

2. Date of Birth : 03/01/1992

3. Address :

Residential	Office
Plot No. 24, Ashok Nagar East Second Street, RMS Colony Karumandapam Tiruchirappalli – 620 001.	Cauvery College for Women Annamalai Nagar Tiruchirappalli – 620 018.

ACADEMIC INFORMATION

4. Designation & Department: Assistant Professor & Chemistry

5. Educational Qualification :

Degree	Year	College/University
Ph.D.	2021	Bharathidasan University, Trichy
M.Sc.	2014	Bharathidasan University, Trichy
B.Sc.	2012	Holy Cross College, Trichy

6. Researcher ID

Web of Science Researcher ID : AGZ-5420-2022

Scopus ID 57201194140

ORCID ID : 0000-0002-1151-3114

Google Scholar : <https://scholar.google.com/citations?hl=en&user=SDZ0Au4AAAAJ>

7. Experience :

Date of Joining	Institution	Year of Experience
15-07-2021	Cauvery College for Women	Till date

8. Areas of Specialization : Organometallic Chemistry

9. Languages known : Tamil, English, Telugu

10. Subjects Taught :

UG	General Chemistry Inorganic Chemistry Food Adulterants and Health Care
PG	Physical Chemistry Industrial Chemistry Physical Methods in Chemistry Chemistry for Competitive Examinations

11. Details of Publications:

Journal Name & Volume	Year of Publication	ISSN Number	Name of the Paper	Impact Factor
Organometallics (ACS) 2020, 39, 3194	2020	1520-6041	Non-pincer-type Arene Ru(II) Catalysts for the Direct Synthesis of Azines from Alcohols and Hydrazine under Aerobic Conditions	3.876
Organic & Biomolecular Chemistry (RSC) 2019, 17, 1402	2019	1477-0539	Direct synthesis of 2,4,5-trisubstituted imidazoles from primary alcohols by diruthenium(II) catalysts under aerobic conditions	3.876
Inorganic Chemistry Frontiers (RSC) 2018, 5, 585	2018	2052-1553	Synthesis and structure of new binuclear ruthenium(II) arene benzyl bis(benzoylhydrazone) complexes: Investigation on antiproliferative activity and apoptosis induction	6.569
Applied Organometallic Chemistry (Wiley) 2018, 32, e4582	2018	1099-0739	Synthesis and structure of arene ruthenium(II) complexes : one pot catalytic approach to synthesis of bioactive quinolines under mildcondition	4.105
European Journal of Organic Chemistry (Wiley) 2017, 2017, 6726	2017	1099-0690	One-pot catalytic approach for the selective aerobic synthesis of imines from alcohols and amines using efficient arene diruthenium(II) catalysts under mild condition	3.021

Tetrahedron Letters (Elsevier) 2016, 57, 3764.	2016	0040-4039	Synthesis and catalytic evaluation of ruthenium(II) benzhydrazone complex in transfer hydrogenation of ketones	2.415
--	------	-----------	--	-------

12. Details of Seminars / Conferences / Workshops Attended:

Year & Date	Organizer	Title	National / International	Topic
09-12-2020	DST- ACS	DST-ACS publishing workshop	National	Publishing workshop
27-06-2018	Bharathidasan University	International Conferences on Sustainable Energy Technologies (<i>i</i> -SET)	International	Sustainable Energy Technologies
17-02-2017	DST- SERB	DST-SERB Workshop on Mentoring Ph.D. students and young Faculty	National	Mentoring Ph.D. students and young Faculty
28-03-2016	Periyar University, Salem	Workshop on Crystal and Molecular Determination from X-ray Diffraction, Measurements (CMSDX)	National	Crystal and Molecular Determination from X-ray Diffraction, Measurements (CMSDX)

12. Any other information if any:

- Awarded JRF and SRF under INSPIRE Program, Department of Science & Technology (DST), Govt. of India.
- Qualified Graduate Aptitude Test in Engineering (GATE-2016).
- Awarded Research Fellowship in Science for Meritorious Students (UGC-RFSMS), Sponsored by UGC.
- Received Gold Medals in M.Sc., Chemistry for securing First Rank in University Department as well as in University Rank Examination (URE).
- Secured First rank and received Gold Medal in B.Sc. Chemistry, Holy Cross College and secured University Rank.