

FACULTY PROFILE



Name : Stegi I S
Designation : Assistant Professor
Department : Chemistry
Date of Birth : 11.06.2001
Date of Appointment : 01.07.2025

Area of Interest : Organic Chemistry & Coordination Chemistry

Professional Affiliation: Library Committee,
Physical Education Committee

Academic Records

Degree/Course	Name of the Institution/ University / Board	Subject	Mark/ Grade	Awards/ Distinction
B.Ed April 2025	Mother Gnanamma Catholic College, Madathattuvilai	Physical Science	76%	First Class with Distinction
M.Sc.Chemistry April 2023	Loyola College, Chennai.	Chemistry	83%	First Class with Distinction
B.Sc.Chemistry April 2021	Holy Cross College, Nagercoil.	Chemistry	95%	First class- Exemplary
HSC March 2018	Bethlahem Matric Higher Secondary School, Karungal.	Maths,Biology, Chemistry, Physics	81.83%	First Class with Distinction
SSLC March 2016	Providence Higher Secondary School Kanyakumari Dist	Maths,Science, Social Science	96%	First class- Exemplary

Competitive Exams Cleared

Year	Examination	Conducting Body	Status
2025	TNTET	Teachers Recruitment Board, Tamil Nadu	Qualified
2024	TNSET	Teachers Recruitment Board, Tamil Nadu	Qualified under the category GT W

Achievements & Co-Curricular Highlights

Academic Excellence

- Awarded the **Best Outgone Student Endowment Prize** by *Scientific Advance Company* for overall academic performance (2018–2021).
- Received **Endowment Prize** for securing the **highest marks in IV Semester Organic Chemistry** (2019–2020).
- **Endowment Award for Inorganic Chemistry** – Topped the **V Semester Inorganic Chemistry** cohort.

Research & Scientific Work

- Presented a poster titled “*Fabrication of Dye-Sensitized Solar Cell Using Dye-Based Ru(II) Polypyridyl Complexes Appended onto Gold Nanoparticles*” at **Loyola College, Chennai**.
- **Selected for Loyola Research Park** – One among a select few awarded **₹15,000** for research, showcasing potential for impactful scientific inquiry.

Papers Presented in Conferences

S.No	Title	Name of the Conference	Date	International/National
1.	Dye based Bromo substituted ligand and its Ruthenium(II) Polypyridyl complexes : Synthesis, Antimicrobial activities, Cyclic Voltammetry study and Fabrication of DSSC	International Conference on Chemistry Innovation ICCI - 2025	15 th & 16 th September 2025	International
2.	Studies on the effect of 60 MeV Si ⁵⁺ ion irradiation on hydroxyapatite polymer composite prepared by UV photopolymerization and its invitro drug release	Recent Trends in Chemistry RTC- 11	28 th January 2026	National

Internships & Training

- Completed **industrial internship** at **Aavin Kumari**, gaining experience in dairy operations.
- Worked as **Campus Ambassador** at **Internbug**, promoting campaigns and student engagement.
- Served as **HR Intern** at **Aashman Foundation**, supporting recruitment and volunteer coordination.
- Attended **2-day Rural Employment Training Programme** (23.10.2018–24.10.2018).

Cultural & Literary Achievements

- Won **1st Prize** in **Folk Singing (Naatupura Paadal)** at *Muthamizh Vizha*, Holy Cross College (05.03.2020)
- Secured **2nd Prize** in *Tamil Cultural Festival (2018)* and **2nd Prize** in *State-Level Thirukkural Competition*.
- Ranked **3rd** in *Thulir Science Talent Test (2012)* and **2nd** in 2013.

Music & Language Skills

- Completed **Grade 1 (Levels 1–4)** and **Grade 2 (Level 1)** in piano (2013–2015), Nanjil Natham.
- **Awarded the Rashtrabhasha Visharad Degree in Hindi (2015)**, denoting advanced language proficiency and literary competence

Scouts & Guides Leadership

- **World Thinking Day Rally** – Represented **Indira Gandhi (Lotus Patrol)** as a **Girl Guide**, embodying unity and global citizenship.
- **Rajya Puraskar Awardee** – One of the highest honors in Scouting, symbolizing dedication, discipline, and service.
- **Tritiya Sopan Certification** – Awarded on **30.09.2013**, marking advanced achievement in the scouting journey.
- **SURF Smart Award** – Certificate of Proficiency badge for excellence in digital responsibility and online safety

Social Engagement

- Actively volunteered in **Loyola Chemical Society** programs (2023–2024).
- Participated in **7-day NSS Special Camp** on *Clean and Green India* theme.
- Engaged in **Red Ribbon Club** awareness activities (2018–2020).

Courses & Certifications

- Recognized as a Top Performer in **NPTEL certification** on *Transition Metal Chemistry (2025)*
- Completed **Value-Added Courses** in *Polymer Chemistry (2019–2020)* and *Professional English (2020–2021)*.
- Finished **Yoga for Youth Empowerment** training (July–Oct 2019).
- Scored **87%** in **SWAYAM course** on *Basic Instructional Methods*.

Seminars/Conferences/Workshops Participated

S.No	Theme of seminar / Workshop / Conference	Date & Place
1)	Recent Trends in Materials and Magnetism(RTMM-22)	Loyola College,Chennai December 15-16, 2022
2)	Recent Advances in Chemistry (CHEM-RAC-2018)	Holy Cross College August 29, 2018
3)	Innovation Trends in Chemistry(CHEM-ITC-2019)	Holy Cross College October 4 th 2018
4)	General Characteristics of d-block Elements- NET Examination	Government Arts College, Salem January 1 st 2020
5)	Pandemic-The wake up call to move from Devolution to Evolution	Holy Cross College, Nagercoil August 17 th 2020
6)	Readiness of future work	Annai veilankanni college,Kanyakumari 27 th June 2020
7)	Role of IPR in Innovation	Holy Cross College, Nagercoil 28 th November 2020
8)	Public Relations	Mandsaur University 17 th October 2020
9)	Optical Spectroscopy	Holy Cross College Nagercoil 19 th June 2020
10)	Ignite Your Potential: Leadership and Communication	Holy Cross College Nagercoil 30 th July 2020
11)	Emerging Frontiers in Chemical Science 2026	Presidency University, Bengaluru 05.01.2026 to 10.01.2026

12)	Virtual labs in Engineering, Medicine, Science & arts	19.12.2025
13)	Re-imagining Classrooms : Innovative pedagogies for engaged and outcome based learning	J.A. College 05.11.2025 to 12.11.2025
14)	E-Tools for Research	Alliance University 24.09.2025 & 25.09.2025
15)	Vedic Mathematics	ACT Academy 04.08.2025 to 14.08.2025

Funded research project – 1

Minor Research Project(Completed): ‘Fabrication of Dye sensitized solar cells using Dye based Ru(II) polypyridyl complexes appended onto Gold nanoparticles’.

Contact Details :

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Thamaraikulam,
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