

FACULTY PROFILE



Ms. Revathy T. currently serves as Assistant Professor in the Department of Chemistry, Auxilium College, Vellore. She has 6 years of teaching experience. She completed her B.Sc., M.Sc., and M.Phil. degrees at Auxilium College, Vellore. Ms. Revathy's educational foundation is firmly rooted in the same institution where she now imparts knowledge. She cleared 'TNSET—Tamil Nadu State Eligibility Test for Lectureship' in the year 2016. Her area of interest includes Stereochemistry, Coordination Chemistry and Organic Spectroscopy.

1. Name Ms. T. Revathy
2. Designation Assistant Professor, Department of Chemistry
3. Qualification M.Sc., SET, M.Phil.
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5. E-mail id revathyrajan94@gmail.com / revathyt@auxiliumcollege.edu.in
6. Teaching Experience 6 years
7. Area of specialization Stereochemistry, Coordination Chemistry, Spectroscopy
8. Positions Held in Auxilium
 - **Active member in Exam Conduct Committee** (2021- till date)
 - **College Photo album In charge** (2018- till date)
 - **In charge of Department NIRF** (2020-till date)
 - **Incharge of PG Chemistry Association** (2017-2020)
 - **Incharge of Department Magazine-CHRYSL** (2019-2020)
 - **Incharge of IIT Bombay, Spoken Tutorial** Programme (2020- till date)
9. No. of Papers Presented in the National/ International/ Seminars/ Workshops/ Conferences – 1
10. No. of Seminars/Workshops/Conferences organized – 2
11. No. of Books Published/Edited/Co-edited – NIL
12. Membership in professional bodies – NIL
13. **Other bodies (Descriptive)**
 - Member of RUSAC (Rural Society for the Advancement of Chemistry)
 - Nature Science Foundation (NSF), Coimbatore

14. Honors & awards received (Descriptive)

- Participated in **Focus Areas of Science & Technology-Summer Fellowship-2019** on ‘Science of Materials’ organized by UM-DAE Centre for Excellence in Basic Sciences, University of Mumbai held at Santacruz, Mumbai and delivered a seminar Talk on “Solid State Humidity Sensors”

15. No. of Online Courses completed (Minimum of 4 Weeks) -3

- NPTEL Online Certification on “*Stereochemistry*” with Elite Certificate. (8 Weeks)
- NPTEL-AICTE FDP certificate course on “*Coordination Chemistry*” with consolidated score of 72% (12 Weeks) equivalent to $1\frac{1}{2}$ regular FDP
- NPTEL-AICTE FDP certificate course on “*Application of Spectroscopic Methods in Molecular Structure Determination*”.

16. Any Other (Descriptive)

- Resource person for Career guidance and training programme held on 11.01.2022 as a part of Innovative Initiatives in the Department of Chemistry, Auxilium College, Katpadi, Vellore.
- Edited Chemistry Department magazine “**CHRYSL VOLUME XVI - 2020**”
- Edited Class VI – VIII Science books of Bharathidasanar Groups of Schools, Arakkonam in the year 2022.

Training Programmes attended-2

- Workshop on “*Green Approach to Chemistry Experiments*” held 09.08.2018-11.08.2018 at Loyola College, Chennai.
- DST sponsored Training on *Advanced Characterization Techniques with Sophisticated Instruments* organized by National Institute of Technology Warangal (Hub) & Anna University Chennai (Spoke) from 22.06.2023 – 28.06.2023.

E-Content Development – 2

- <https://youtu.be/Kstgy7SW4oA>
- <https://youtu.be/qat8ey3AbGw>

Details regarding Workshops/ Orientation/ FDP attended:

- Participated in National conference on “*Material Synthesis And Environmental Sustainability*” (NCMSES - 2023) organized by PG & Research Department of Physics, Sacred Heart College, Tirupattur on 26th September 2023
- Participated in the Workshop on “*AI tools for Educators*” organized by the Department of Computer Science and Applications, Auxilium College, Vellore on 29.09.2023
- Participated in National Webinar on “*Publish and Progress*” organized by IQAC, Committee for Research Ethics, Publication and IPR & Library, Auxilium College, Vellore on 26.08.2023
- Participated in the National Webinar on “*Green Campus Initiatives towards Sustainable Development*” organized by IQAC, Auxilium College, Vellore on 29.07.2023
- National Webinar on “*Nanoscience & Technology for Better Living*” organized by Department of Physics, Koneru Lakshmaiah Education Foundation, Guntur & Material Research Society of India, Navi Mumbai on 27.05.2023.
- National Webinar on “*Recent Advancements in Medicinal Chemistry and Material Science (RAMCMS-2023)*” organized by Department of Humanities & Sciences (Chemistry), Vardhaman College of Engineering, Kacharam, Hyderabad in association with JNTU, Hyderabad from 24.04.2023-28.05.2023.
- National Seminar on “*Innovations in Chemistry for Environmental Sustainability*” (ICES'23) organized by PG and Research Department of Chemistry, Auxilium College, Vellore in collaboration with Nature Science Foundation, Coimbatore on 3.2.2023.
- Online Faculty Development Programme Training on “*Libre Office suite Writer, Calc & Impress*” organized by The Board of Management, Auxilium College (Autonomous), Vellore in association with Spoken Tutorial, IIT Bombay (funded by the NMEICT, MoE, Govt. of India) from 26.05.2022 – 10.06.2022.
- Online Faculty Development Programme on *Green Chemistry For Sustainable Development* organized by Department of Chemistry, SRM Institute of Science and Technology, Ramapuram campus, Chennai in association with the Association of Chemistry Teachers, Mumbai from 16.05.2022 – 21.05.2022.

- National level Intercollegiate Online Faculty Development Program on *Outcome Based Education* organized by Internal Quality Assurance Cell of Auxilium College (Autonomous), Vellore in association with ipsr solutions limited from 22.11.2021 – 27.11.2021.
- “*Virtual Organic Chemistry Lecture Series*” organized by Department of Chemistry, Sathyabama Institute of Science and Technology, Chennai from 22.07.2020- 27.07.2020 in online mode.
- Online Faculty Development Programme on *Evolving Best Teaching and Learning Practices in the Pandemic Era* organized by The Board of Management Auxilium College (Autonomous) Vellore from 15.06.2020 – 21.06.2020
- Five Day Online Faculty Development Programme on “*Advanced Materials and their Applications*” organized by the PG & Research Department of Chemistry, Auxilium College, Vellore 632006 from 02-06-2020 to 06-06-2020 in commemoration of 100 years of Macromolecular Chemistry.
- National Level One week Faculty Development Programme on “*Multimedia enriched e-Content Development*” organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD. Awarded GRADE “A” as required for promotion under CAS of UGC and AICTE from 21.5.2020 - 26.5.2020.
- One Week National Level Online Faculty Development Programme for Trainers on “*Mastering the Art of Handling Post Covid Challenges for Sustainable Development*” organized by the Faculty of Humanities and Science, Dr. M.G.R. Educational and Research Institute, Adayalampattu Phase II campus, Maduravoyal, Chennai from 19.05.2020 - 23.05.2020.
- Faculty Development Programme organized by Department of Chemistry, D.K.M. College for Women, Vellore, Tamil Nadu in association with Spoken Tutorial Project, IIT Bombay, MHRD, Govt. of India from 04.05.2020 - 10.05.2020.
- A Two Week MOOC workshop for College Teachers on “*Management of Environment and its Resources*” jointly organized by Department of Chemistry & Research,

Nesamony Memorial College, Marthandam and Department of Chemistry & Research, St. Xavier's College, Palayamkottai, Tirunelveli from 28.04.2020 - 11.05.2020.

- Participated in Indian Academy of Science sponsored *Focus Area of Science & Technology, Summer Fellowship - 2019* organized by UM-DAE Centre of Excellence in Basic Sciences, University of Mumbai, Mumbai.
- Participated in National Seminar on "*Advances in Materials Chemistry (AMC'19)*" organized by PG and Research Department of Chemistry, Auxilium College, Vellore on 6.12.2019.
- Participated in International Symposium on "*Advances in Chemical Sciences*" organized by VIT, Vellore in collaboration with Royal Society of Chemistry on 5.02.2019.
- Participated in National Seminar on "*Recent Research in Chemical Sciences*" organized by PG and Research Department of Chemistry, Auxilium College, Vellore on 19.01.2018