



Dr. Subashini D, currently serves as Assistant Professor in the department of Chemistry, Auxilium College, Katpadi, Vellore. She has 9 years of teaching experiences. She completed her B.Sc. (Chemistry) at Justice Basheer Ahmed Sayeed Women's College, Teynampet, and acquired M.Sc. (Applied Chemistry) from Anna University, Chennai. She obtained her Ph.D in the year 2009 from Anna University, Chennai. Her research interests include Catalysis, Peptide and protein synthesis, carbon nanotubes and nanomaterials. She has published 3 papers in International journals and 1 paper in Indian Journal.

1. Name : D. Subashini
2. Designation : Assistant Professor
3. Qualification : Ph.D., PDF
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subashinisatish80@gmail.com
6. Teaching Experience : 9 years 3 months
7. Area of specialization : Catalysis, Protein synthesis, Nanotechnology
8. Positions Held in Auxilium : Research and Publication Committee Member (2016 – 2021)
Career Guidance and Placement Cell member (2021-2022)
In charge of Chemistry Association (2015 – 2018)
: Department Coordinator for Career Guidance and Placement under Innovative Incubation Centre.
In charge for college Photo album (2017 – till date)
9. Research Experience and Guidance : 2 years of post - doctoral research experience in Ben Gurion University of the Negev, Beersheva, Israel.
Guided one Ph.D student during PDF.
10. Projects Completed / Ongoing : NIL

11. No. of Papers Published : 4
12. No. of Papers Presented in the National/
International/ Seminars/ Workshops/
Conferences : 8
13. No. of Seminars/Workshops/
Conferences organized : 3
14. No. of Books Published/Edited/
Co-edited : NIL
15. Membership in professional bodies : Nil
16. Other bodies : RUSAC Member
17. Honors & awards received : 1. Worked as **Project Assistant** in the **BRNS** project entitled “Synthesis and Characterization of carbon nanotubes over MCM-41 molecular sieves”, in the department of Chemistry, Anna University, from Jan 2004 - Dec 2004
2. Presented an **INVITED TALK as Resource Person** in National Conference on Materials Chemistry (**NCMC 2011**) held on 9-11th February 2011 at Guru Nanak College, Velachery, Chennai.
3. Research work was **accepted for publication** in the International conference on Nanoscience and Technology (**ICONSAT 2008**) for the Journal of Nanoscience and Nanotechnology, IGCAR, Kalpakkam, 2008, February.
4. Awarded **HINDUSTAN PLATINUM AWARD for the BEST POSTER PRESENTATION** in the 18th National Symposium and Indo-US Seminar on Catalysis, Indian Institute of Petroleum, Dehradun, April 16-18, 2007.
5. Got **best feedback** for my teaching skills (5/5) from I PG students (PCCHC20 - Kinetics and photochemistry) and 4.85/5 from I UG Zoology students (UACHA20 - Allied Chemistry) and more than 4.75 in all other subjects.

18. No. of Online Courses completed : NIL

19. Any Other:

Successfully Completed 2-Days Online Course on, “Recalling the foundation and frontiers of Thermodynamics”, organized by PG and Research Department of Chemistry, Arignar Anna Government Arts College, Cheyyar on 3rd and 4th June 2020.

A video lecture was uploaded on the topic “Complex reactions” in the Auxilium college chemistry department’s YouTube channel in the following link. https://youtu.be/INBIaWQ5U_U

Resource person for Career Guidance Programme held on 11.01.2022 as a part of Innovative Initiatives in the Department of Chemistry, Auxilium College, Katpadi, Vellore.

PUBLICATIONS

Publications in Journals

1. Hemda Baabur[‡], **Subashini Dayalan[‡]**, Inbal Shumacher, Rivka Cohen-Luria and Gonen Ashkenasy, ‘Artificial Leucine Rich Repeats as New Scaffold for Protein Design’, **Bioorganic & Medicinal Chemistry Letters**, March- 2011, Vol. 21, Issue 8, pp 2372-2375.

[‡] These two authors contributed equally

2. **Subashini D** and Pandurangan A, ‘Synthesis and characterization of Mn-MCM-41 molecular sieves-Its catalytic application for the growth of carbon nanotubes’, **Journal of Nanoscience and Nanotechnology**, **September - 2009**, Vol. 9, Issue 9, pp 5555-5560.
3. **Subashini D** and Pandurangan A, ‘Synthesis of mesoporous molecular sieves as catalytic template for the growth of single walled carbon nanotubes’, **Catalysis Communications**, November - 2007, Vol. 8, Issue 11, pp 1665–1670.
4. Somanathan T, Pandurangan A, **Subashini D** and Sathiyamoorthy D, ‘Growth of single walled carbon nanotubes over Co-MCM-41 mesoporous MCM-41 molecular sieves’, **Indian Journal of Pure and Applied Physics**, February - 2006, Vol. 44, pp 173-176.

FDP’s/ Seminars/ Workshops/Webinars: Organized/Attended

1. 7-Day International **Faculty Development programme** (Online) on, “Evolving Best Teaching and Learning Practices in the Pandemic Era 2020”, organized by Board of Management, Auxilium College, on 15th – 21st June 2020.
2. National Level Live **Faculty Development Programme** (webinar) on “Future of Examinations: Bloom's Taxonomy and Multiple Assessment Tools” conducted by G. T. N. Arts College (Autonomous), Dindigul, Tamilnadu on 08.06.2020.

3. 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.
4. 2-Day **Faculty Development Program** on, “Online Teaching & E-content”, conducted by IIDE and St. Xavier’s college, Mumbai on 3rd and 4th of June, 2020.
5. 2 – Days “Webinar Series on Research Methodology”, organized by Loyola College, Chennai on 12th and 13th June 2020.
6. National Seminar on “*Recent Research in Chemical Sciences*” organized by Department of Chemistry, Auxilium College, Vellore on January 19, 2018. - **Organising committee member**
7. National Seminar on “Advances in Materials Chemistry”, organized by PG & Research Department of Chemistry, Auxilium College, Vellore on 06/12/19 – **Organizing Secretary.**
8. Two Day State Level Workshop on “Intellectual Property Rights”. Organized by Tamilnadu State Council for Science and Technology (TNSCST) Chennai, Research Cell and IPR Cell of Auxilium College, Vellore on 02/08/19 and 03/08/19 – **Organizing member.**
9. MEGA JOB FAIR by Career Guidance and Placement Cell on 24.05.22 – **Organising committee member**
10. "Innovations in Chemistry for Environmental Sustainability" (ICES' 23) organised by PG & Research Department of Chemistry & Nature Science Foundation, Coimbatore on 03.02.2023.
11. Participated in the 17th National Symposium on Sustainable Development through catalysis held on January 18-20, 2005 at Central Salt & Marine Chemicals Research Institute, Bhavnagar.
12. Participated in the TEQIP Sponsored Community Development programme on “Introduction to Nanoscience and Nanotechnology” on 29-30th September, 2007 at Department of Physics, Anna University, Chennai.
13. Participated in the “Seminar on energy Materials and systems” held on January 10-11th, 2008 at Crystal Growth Centre, Anna University, Chennai.
14. Participated in the two days Awareness Programme on the “Applications of Radioisotopes and Radiation Technology for societal development” held on 13-14th July 2004, at Anna University, Chennai.

15. Participated in the 8th Asian Academic Network for Environment Safety and Waste Management (AANESWM), held on 10-13th December, 2006 at Anna University, Chennai.
16. Participated in the National workshop on Biological Diversity Act organized by Enviro club on 18 and 19th January 2019 held in Auxilium College, Vellore.
17. Participated in the National CONFERENCE ON “Journey towards Excellence”, on 9-11th February, 2017 Organised by IQAC, Auxilium College, vellore.
18. Participated in the “Intercollegiate Lecture”, organised on 3rd march 2018 by M.G.A. College, Vellore.