

## STAFF PROFILE

Name : **Dr. S. SYED TAJUDEEN**  
Designation : **ASSISTANT PROFESSOR**  
Department : **CHEMISTRY**  
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### 1. Academic Qualification

Degree	Year	Subject	Institution	University
Ph.D.	2013	Chemistry	Muthurangam Government Arts College, Vellore – 632002	Thiruvalluvar University, Vellore
M.Phil.	2002	Chemistry	C. Abdul Hakeem College, Melvisharam - 632509	University of Madras
PG	2001	Chemistry	C. Abdul Hakeem College, Melvisharam – 632509	University of Madras
UG	1999	Chemistry	C. Abdul Hakeem College, Melvisharam - 632509	University of Madras

### 2. Work Experience

S.No.	Positions Held	Name of the Institute	From	To
1	Assistant Professor	Islamiah College, Vaniyambadi - 635 752	08.08.2002	04.10.2005
2	Assistant Professor	C. Abdul Hakeem College, Melvisharam – 632509	05.10.2005	31.03.2007
3	Assistant Professor	Aalim Muhammed Salegh College of Engineering, Avadi-IAF, Muthapudupet, Chennai - 600055	07.01.2008	03.12.2013
4	Assistant Professor	C. Abdul Hakeem College, Melvisharam – 632509	04.12.2013	Till Date

### 3. Professional Recognition/Award/Prize/Certificate/Fellowship received

S.No.	Name of the Award	Awarding Agency	Year
1	Best Oral Presentation Award	DKM College for Women, Vellore	2013

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### 4. Professional Development Programme Attended (FDP/FIP/RC/OP/PDP – More than 3 Days)

S.No.	Name of the Programme	Name of the Organizer	Duration With Date
1	Orientation Programme (FIP)	Academic Staff College, UGC-HRDC, University of Madras, Chennai	28 Days, 12.11.2015 to 09.12.2015
2	Refresher Course	Academic Staff College, UGC-HRDC, University of Madras, Chennai	14 Days, 23.08.2018 to 12.09.2018
3	Refresher Course	Academic Staff College, UGC-HRDC, University of Madras, Chennai	14 Days, 27.01.2021 to 09.02.2021
4	Faculty Development Program on “Outcome based education- Curriculum Design and Development”	C. Abdul Hakeem College (Autonomous), Melvisharam - 632509, Ranipet District.	7 Days, 10.02.2021 to 16.02.2021
5	Refresher Course	Academic Staff College, UGC-HRDC, University of Madras, Chennai	14 Days, 17.11.2022 to 30.11.2022
6	Faculty Development Programme (FDP)	HRDC, Thiruvalluvar University, Vellore	5 Days, 28.08.2023 to 01.09.2023
7	Refresher Course	UGC-MMTTC, Aligarh Muslim University, Aligarh, UP	14 Days, 17.09.2024 to 30.09.2024

### 5. Research & Development

#### 5.1 List of Projects (Title, Funding agency, Amount Generated)

Year	Title of the Project	Funding Agencies	Amount	Status
2017 to 2019	Porous Crystalline metal-organic frameworks (MOFs): Synthesis, characterization, structure and function.	UGC-SERO HYDERABAD	1,20,000	Completed

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2017 to 2018	Microwave assisted green synthesis of 3,4-dihydropyrimidin-2(1H)-ones via Biginelli multi component reaction in fruit juice medium	TNSCST, Chennai	10000	Completed
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### 5.2 List of Papers published (Name, Title, Journal Name, Volume, Year, Page No) (Link if any)

1. I Salim Meeran, T William Raja, VN Azger Dusthakeer, M Mohamed Naseer Ali, **S Syed Tajudeen**, TK Shabeer, An insight into antimycobacterial and antioxidant potentials of INH-Schiff base complexes and in silico targeting of MtKasB receptor of M. tuberculosis, *New Journal of Chemistry*, **2022**, 46, 10, 4620-4633. DOI: [10.1039/D1NJ04977A](https://doi.org/10.1039/D1NJ04977A)

2. A. Ahmed Raza, S. Ravi, **S. Syed Tajudeen**, A. K. Ibrahim Sheriff, Trifunctional covalent triazine and carbonyl based polymer as a catalyst for one-pot multistep organic transformation, *Reactive and Functional Polymers*, **2021**, 167, 105011. DOI: [10.1016/j.reactfunctpolym.2021.105011](https://doi.org/10.1016/j.reactfunctpolym.2021.105011)

3. A. Ahmed Raza, S. Ravi, **S. Syed Tajudeen**, A. K. Ibrahim Sheriff, Sulfonated covalent triazine polymer loaded with Pd nanoparticles as a bifunctional catalyst for one pot hydrogenation esterification reaction, *Journal of Solid State Chemistry*, **2021**, 302, 122417. <https://doi.org/10.1016/j.jssc.2021.122417>

4. A. Ahmed Raza, S. Ravi, **S. Syed Tajudeen**, A. K. Ibrahim Sheriff, Applications of Covalent Triazine Polymers in Catalytic Organic Transformations, *Current Catalysis*, **2021**, 10(1), 42-74. DOI: [10.2174/2211544710666210210105039](https://doi.org/10.2174/2211544710666210210105039)

5. **Syed Tajudeen Syed Ameen**, Anbalagan Vilvanathan, Syed Zameer Ahmed Khader and Gayathri Mahalingam, Microwave-assisted Green Synthesis of  $\beta$  – Diketone Hydrazone Derivatives and Evaluation of their Antioxidant and Antibacterial Activities, *Current Microwave Chemistry*, **2020**, 16, 1-7. DOI: [10.2174/2213335607999200917145217](https://doi.org/10.2174/2213335607999200917145217)

6. Arunachalam Thangakumar, Khader Syed Zameer Ahmed, Ahmed Sidhra Syed Zameer, Manimaran Vetrivel, **Syed Ameen Syed Tajudeen**, Ameer Khadharu Ibrahim Sheriff, Puniethaa Prabhu, Jayachandran Philp Robinson, Dastageer M. Sabu, Radical scavenging and antiproliferative effect of novel phenolic derivatives isolated from Nerium indicum against human breast cancer cell line (MCF-7)—an in silico and in vitro approach, *Environmental Science and Pollution Research*, **2019**, <https://doi.org/10.1007/s11356-019-07252-x>.

7. I. Salim Meeran1, **S. Syed Tajudeen**, V.N. Azger Dusthakeer, T.K. Shabeer, An Insight into the Anti-Tubercular Potential of Schiff Bases, *J. Pharmaceutical, Chemical and Biological Sciences*, September - November **2018**; 6(3): 158-177.

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8. S Meeran, V Baskar, **S. Syed Tajudeen**, TK Shabeer, Design, ADME Profiling and Molecular Docking Simulation of New Isoniazid - Schiff Base analogs as Mtkasb Inhibitors, Asian Journal of Research in Chemistry and Pharmaceutical Sciences, **2018**, 6 (1), 20-34.
9. Syed Zameer Ahmed Khader, Sidhra Syed Zameer Ahmed, Thangakumar Arunachalam, Sanjeeva Nayak, Senthil Kumar Balasubramanian, **Syed Tajudeen Syed Ameen**, Ponmurugan Ponnusamy, Radical scavenging potential, antiinflammatory and antiarthritic activity of isolated isomer Methyl- $\gamma$ -Orsellinate and roccellatol from Roccella montagnei Bel, Bulletin of Faculty of Pharmacy, Cairo University 56 (**2018**) 39–45. DOI:[10.1016/j.bfopcu.2018.02.001](https://doi.org/10.1016/j.bfopcu.2018.02.001)
10. Thangakumar Arunachalam, Syed Zameer Ahmed Khader, Sidhra Syed Zameer Ahmed, **Syed Tajudeen Syed Ameen**, Ibrahim Sheriff Ameer Khadharu, Dastageer M. Sabu, Senthil Kumar Balasubramanian, In Vitro Anti-Inflammatory, Anti-Arthritic Activity of Nerium Indicum and Leucas Aspera a Traditional Folklore Medicine, Int. Res. J. Pharm. **2017**, 8 (11), 77-80. DOI:[10.7897/2230-8407.0811221](https://doi.org/10.7897/2230-8407.0811221).
11. **Syed Tajudeen S**, Karthik D, Ibrahim Sheriff A.K, Gayathri M, Nidhi Sharon Das, Tamoghna Das and Paridhi Pillai, In Vitro Free Radical Scavenging, Antidiabetic and Antibacterial Potential of Schiff Base Complexes of Copper(II) and Nickel(II) derived from  $\beta$ -Diketone with aromatic diamine, World Journal of Pharmaceutical Research, **2017**, Volume 6, Issue 15, 1194-1208. DOI: [10.20959/wjpr201715-10200](https://doi.org/10.20959/wjpr201715-10200)
12. **S. Syed Tajudeen**, Kannappan Geetha, Synthetic, Crystal and In Vitro antimicrobial studies of Compounds Derived from Pyrazinamide and Nicotinohydrazide via a One-Pot two Components Reaction, Asian J. Research Chem. 10(1): January -February **2017**. DOI: [10.5958/0974-4150.2017.00003.7](https://doi.org/10.5958/0974-4150.2017.00003.7)
13. S. Rajiv Gandhi, D. Sathis Kumar, **S. Syed Tajudeen**, A.K. Ibrahim Sheriff, Studies on Synthetic, Structural characterization, Thermal, DNA cleavage, Antimicrobial and Catalytic activity of Tetradentate (N<sub>4</sub>) Schiff base and its transition metal complexes, Asian Journal of Chemistry Vol. 29, No. 5 (**2017**), 1076-1084. DOI:[10.14233/ajchem.2017.20416](https://doi.org/10.14233/ajchem.2017.20416)
14. **S. Syed Tajudeen**, Geetha Kannappan, Schiff base – copper(II) complexes: Synthesis, spectral studies and anti-tubercular and antimicrobial activity, Indian Journal of Advances in chemical Science 4(1) (**2016**) 40-48.
15. I. Salim Meeran, **S. Syed Tajudeen**, A. Sakhoor Basha. One pot conventional synthesis and biological activity of some novel double Schiff bases, Journal of Drug Discovery and Therapeutics, Volume 3, Issue 28, May, **2015**, 15-19.
16. **S. Syed Tajudeen**, Geetha Kannappan, Synthetic, structural and pharmacological studies on some isonicotinohydrazide and benzohydrazide analogues, Journal of Pharmacy Research 7 (**2013**) 534-539. <https://doi.org/10.1016/j.jopr.2013.06.017>

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17. Santhalakshmi S, **Syed Tajudeen S**, Kannappan Geetha. Studies on antimicrobial activity of Schiff base complex derived from Dapsone, Journal of Pharmacy Research **2011**, 4(5), 1531-1532.

18. **Syed Tajudeen S**, Santhalakshmi S, Kannappan Geetha. Studies on antimicrobial activity of some hydrazones and its Copper complexes, Journal of Pharmacy Research **2010**, 3(11), 2759-2760.

19. **S. Syed Tajudeen**, Manjunathan, M. S. Dastageer. Synthesis, Characterization and Antimicrobial Activity of Transition Metal Complexes of Hydrozone of Isonicotinic Acid Hydrazide, Asian Journal of Chemistry Vol. 21, No. 1 (**2009**), 317-320.

20. **S. Syed Tajudeen**, E. Radha. Synthesis, Characterization and Antimicrobial Activity of Transition Metal Complexes of Schiff Base Derivatives from Isonicotinic Acid Hydrazide, Asian Journal of Chemistry Vol. 21, No. 1 (**2009**), 313-316.

21. **S. Syed Tajudeen**, F. Nawaz Khan, Synthesis of Some 3-Substituted Isochromen1-ones., ChemInform, Volume 39, Issue 11, **2008**.

22. **S. Syed Tajudeen**, F. Nawaz Khan. Synthesis of some 3-substituted isochromen1- ones. Synth. Commun. 37, **2007**, 3649.

### 5.3 Detail of patents.

Year	Title of the Patent	Status
2017	Novel Phenolic Compounds from Nerium Indicum with Anti - Breast Cancer Activity	Granted

### 5.4 List of Books/Reports/Chapters/General articles etc. (Author, Chapter Title, Book Title, Publisher, Year, ISBN/ISSN) (Link if any)

Year	Name of the Authors	Title of the Book/Chapter	Publisher	ISBN/ISSN

### 5.5 List of Paper Presentations in National/International Seminar/Conference (Paper Title, Seminar/Conference, Place, Date)

1. National Level One Day Lecture Workshop on “Intellectual Property as a Strategic Asset for Technology Transfer” at Department of Biotechnology, K.S. Rangasamy College of Technology, Tiruchengode – 637215 on 15<sup>th</sup> February 2020.

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2. UGC Sponsored one-day National Seminar on “Advances in Spectroscopic Techniques and Nanomaterials (ASTN 2019)” at The New College, Chennai – 600014 on 22<sup>nd</sup> February 2019.
3. 2<sup>nd</sup> National conference on “Emerging Trends in Chemistry and Materials” (ETCM-2017) at Thiruvalluvar University, Vellore, on 10<sup>th</sup> – 11<sup>th</sup> August 2017.
4. UGC Autonomous Funded One day State Level Seminar on Challenges in Green and Environmental Chemistry at C. Abdul Hakeem College (Autonomous), Melvisharam, on 15<sup>th</sup> February 2017.
5. A One Day State Level Seminar on “Advances in Environmental Chemistry (AEC16)” at C. Abdul Hakeem College (Autonomous), Melvisharam, on 22<sup>nd</sup> February 2016.
6. State Level Conference on “Recent Trends in Green Chemistry” at K.M.G. College of Arts and Science, Gudiyattam on 11<sup>th</sup> September 2015.
7. National Conference on Frontiers in Chemistry and Environment (NCFCE - 2015) at C. Abdul Hakeem College of Engineering and Technology, Melvisharam, on 27<sup>th</sup> and 28<sup>th</sup> March 2015.
8. State Level Colloquium on Recent Trends in Physical and Chemical Sciences at DKM College for Women, Vellore on 17<sup>th</sup> December 2014.
9. UGC, DST & CSIR Sponsored National Conference on Recent Advances in Nanosciences (RANSS ‘14) at Auxilium College (Autonomous), Vellore, on 21<sup>st</sup> & 22<sup>nd</sup> November 2014.
10. UGC Sponsored National Seminar on Recent Research Trends in Chemistry (RRTC - 2014) at C. Abdul Hakeem College (Autonomous), Melvisharam, Vellore Dt. on 25<sup>th</sup> and 26<sup>th</sup> September 2014.
9. II National Conference on Application of Analytical Tools in Chemical and Biological Sciences at DKM College for Women, Vellore on 4<sup>th</sup> and 5<sup>th</sup> October 2013.
10. State level Workshop on SPSS at Auxilium College, Vellore on 14<sup>th</sup> July 2012.
11. National Conference on Frontiers in Spectroscopy at Government Arts College, Tiruvannamalai on 2<sup>nd</sup> and 3<sup>rd</sup> April 2012.
12. International Conference on Synthetic and Structural Chemistry (ICSSC-2011) at Mangalore University, Mangalore on 8-10<sup>th</sup> December 2011.
13. State Level Seminar on “Emerging Trends in Chemistry” at Muthurangam Govt. Arts College, Vellore on 3<sup>rd</sup> December 2011.

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14. Chennai Chemistry Conference – 2011 at IIT Madras, Chennai on 11-13<sup>th</sup> February 2011.
15. National Conference on Application of Analytical Tools in Chemical and Biological Sciences at DKM College for Women, Vellore on 8<sup>th</sup> January 2011.
16. National Conference on Current Trends in Chemistry NCCTC-10, at Bharathiar University, Coimbatore on 2<sup>nd</sup> and 3<sup>rd</sup> December 2010.
17. National Conference on Interplay of Biological and Chemical Sciences (NCIBCS) at Thiruvalluvar University, Vellore on 6-8<sup>th</sup> January 2010.
18. National Conference on Energy and Environment at DKM College for Women, Vellore on 17<sup>th</sup> February 2007.
19. National Conference on “Eco-Sono-and Nanochemistry & Recent Advancements in Chemistry” at The New College, Chennai on 20-21<sup>st</sup> December 2006.
20. One day Workshop on Instrumental Methods of Analysis at VIT University, Vellore on 7<sup>th</sup> January 2006.
21. State level Seminar on The New Vistas in Spectroscopic Techniques at Islamiah College, Vaniyambadi on 20-21<sup>st</sup> August 2005.
22. One day Workshop on Instrumental Methods of Analysis at VIT University, Vellore on 5<sup>th</sup> February 2005.

### 5.6 List of Invited Talk

Year	Title of the Talk	Nature of the Event	Place	Date

5.7 VIDWAN ID: **563075** & Link: <https://vidwan.inflibnet.ac.in/profile/563075>

5.8 Research Identification\* (IF ANY)



: <https://orcid.org/0000-0002-0930-8904>



: <https://scholar.google.com/citations?user=OinLkI8AAAAJ&hl=en>



: Web of Science Researcher ID: KBC-2875-2024