

Faculty Portfolio

Dr. Syed Tasqeeruddin

Assistant Professor
Department of Pharm. Chemistry
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Education:

Year of Graduation	Qualifications (Specializations if any)	University/College, Country
2012	Ph.D. (Organic Chemistry)	Jawaharlal Nehru Technological University Hyderabad, Hyderabad, India
2001	M. Sc. (Organic Chemistry)	Kakatiya University, Warangal, India

Professional experience:

Year	Positions	University/College, Country
Aug, 2015- Present	Assistant Professor	College of Pharmacy, King Khalid University, KSA
Feb, 2012- Jun, 2015	Assistant Professor	Anwarul Uloom College of Pharmacy, India
Jan 2007- Jan 2012	Research Fellow	Jawaharlal Nehru Technological University Hyderabad, India
Aug 2001- Dec 2006	Lecturer	Anwarul Uloom College, India

Community service activities

Year	Positions & Name of the Project	University/Company, Country
December 18-20 2009	Participated in National workshop on New Frontiers in Drug Discovery	Jawaharlal Nehru Technological University Hyderabad & Dr. Reddy labs, India
2009-2012	Student Counselor	Jawaharlal Nehru Technological University Hyderabad, India
December 10-12 2010	Workshop on polymer waste management	Department of chemistry, Jawaharlal Nehru Technological University Hyderabad, India

Academic/research awards:

Year/Duration of Award	Name of the Award	University/Company, Country
2018 (sem 391) 2019 (sem 411)	3rd Prize- Student research group	King Khalid University, KSA

Workshops/ Trainings:

Year	Title	University/Company, Country
2020	Faculty Development Day	King Khalid University, KSA
2019	National Conference on Clinical Research and Role of Ethical Committee	Dean Faculty of Science, Osmania University, Hyderabad, India
2018	13 th Annual Research Day of the Health Colleges	King Khalid University, KSA
2018	A Two-Day International Seminar on Recent Trends in Science Towards Sustainable Development	Indian Chemical Society- Acharaya Prafulla Chandra Society, Kolkata, India
2010	Indian Council of Chemist – XXXIX Annual Conference	Panjab University, Chandigarh, India

Research interests:

- Multistep synthesis of biologically active drug metabolites.
- Green synthesis of heterocyclic compounds and their characterization by various spectroscopic techniques.
- Development of new methodologies for the synthesis of heterocyclic organic compounds.
- Total synthesis and screening of biological activities of heterocyclic compounds.

Teaching experience:

- Working as Assistant Professor in the Department of Pharmaceutical Chemistry, College of Pharmacy, King Khalid University, Abha from 2015 to till date.
- Worked as Assistant Professor in the Department of Pharmaceutical Sciences, Anwarul Uloom College of Pharmacy, India from 2012 to June 2015.
- Worked as a Lecture in Anwarul Uloom College, India from 2001 to 2006.

Professional membership: (limit to 5)

Year	Name of the professional Body	Role
2018-Present	Indian Chemical Society India.	Life Member

Research grants: (limit to recent 3-5 grants)

Year/Duration of Grant	Title of the Project	Awarding Body
1444/for one year	Design, Synthesis, Spectral characterization, Molecular modelling, and Computational studies of biologically active New Schiff base benzimidazolechromen-2-one chimeric molecules	Dean of Scientific Research, King Khalid University
1443/for one year	Extraction, Isolation and Characterization of Silver Nanoparticles from Plant Extracts and their application in the synthesis of potential Heterocyclic compounds	Dean of Scientific Research, King Khalid University
1442/ for one year	Applicability of Magnetically Recyclable Ferrite-L-Cysteine Nano-catalyst for the Design, Synthesis, Molecular docking, and anticancer evaluation of 2,3-Benzopyrrole derivatives	Dean of Scientific Research, King Khalid University
1441/for one year	Investigation on Genus Tephrosia for the Evaluation of anti-inflammatory, anti-microbial and anti-cancer activities. Project No: R.G.P2/83/41	Dean of Scientific Research, King Khalid University
1441/for six months	Synthesis and Characterization of Nickel Nanoparticles and their application for the synthesis of Novel Benzopyran-2(1H)-one and Quinolin-2(1H)-one derivatives. Project No: 238	Dean of Scientific Research, King Khalid University
1440/for six months	Preparation of Nano-catalyst and its applications for the synthesis of biologically active potent antimicrobial and antimyobacterial chromen-2-one derivatives via Knoevenagel condensation- Project No: 314	Dean of Scientific Research, King Khalid University

Publications: (Include recent 5-10 publications)

1. Tasqeeruddin syed, Mohammad Inam Khan, Taha Alqahtani, Yahya I Asiri, Shaheen Sulthana, "A theoretical study of the adsorption performance of glycine-conjugated PLGA interacting with methotrexate", *Journal of Molecular Liquids*, 2023; 390, 122965. (<https://doi.org/10.1016/j.molliq.2023.122965>).

2. Koteswaraiah M^{a,b}, Tasqeeruddin Syed^c, Praveen Ch^d, Raveendrareddy Gopireddy^b, Srinivas Uppalanchia, and Veerareddy Thummaluru^b, "Design and Synthesis of 1,2,3-Triazole Incorporated Isoflavone Derivatives as Anticancer Agents", *Polycyclic aromatic compounds*, 2023; (<https://doi.org/10.1080/10406638.2023.2220863>).
3. Arshiya Banu Syeda^a, Asra Banu Syeda^b, Mohammad Ferazoddin^a, J. P. Paula, Tasqeeruddin Syed^c, and Bhasker Juluru^a. "Design, synthesis and biological evaluation of aryl amino derivatives of pyrido [3,2-d]pyrimidines as anticancer agents", *Synthetic Communications*, 2023; (<https://doi.org/10.1080/00397911.2023.2229926>).
4. Suresh Babu Kokkiligadda^{a,b}, Sivanadh Musunuri^{b,c}, Tasqeeruddin Syed^d, Bhimcharan Maitia, and Basaveswara Rao Mandava Venkata^b, "An alternate synthesis of sporiolide B from (R)- glyceraldehyde", *Synthetic Communications*, 2023; (<https://doi.org/10.1080/00397911.2023.2220443>).
5. S. Tasqeeruddin, Yahya I. Asiri, S. Shaheen. "Synthesis and Anticancer assessment of Various Amide Derivatives of Imidazole[2. 1-b] Oxazoles as Anticancer Agents", *Polycyclic aromatic compounds*, 2022; 43, (<https://doi.org/10.1080/10406638.2022.20307660>
6. Krishnaiah Kumari^{a, b}, Tasqeeruddin Syed^c, A.M.S. Krishna^{a, b}, Subhashini Muvvala^{a, b}, Annapurna Nowduri^{b, **}, Chidara Sridhar^a, Abhishek Saxena^a, " Stereoselective total synthesis of Neocosomisin B", *Tetrahedron*, 2022; 2022; (<https://doi.org/10.1016/j.tet.2022.132723>).
7. Danayya Nayudu Bhogireddy^{a,b}, Sri Ramakrishna Surapureddi^a, Tasqeeruddin Syed^c, Thodupunuri Prashanth^d, and Bhaskara Rao Tadiboina^a "Synthesis and biological evaluation of aryl derivatives of isoxazole pyrazolo[1,5-a] pyrimidines as anticancer agents", *Synthetic Communications*, 2022; (<https://doi.org/10.1080/00397911.2022.2056846>).
8. Krishnaiah Kumari^{a, b}, Tasqeeruddin Syed^c, A. M. S. Krishna^{a, b}, Subhashini Muvvala^{a, b}, Annapurna Nowduri^b, Chidara Sridhara and Abhishek Saxena^a, "Stereoselective total synthesis of Aspergillide D" *Natural Product Research*, 2022; (<https://doi.org/10.1080/14786419.2022.2078321>).
9. Anantha Reddy Vakiti^{a,b}, Krishna Reddy Valluru^a, S. Naresh Verma^b, Tasqeeruddin Syed^c, Gattu Sridhard, and J. V. Shanmukha Kumar^b, "Total synthesis of Berkeleylactone F" *Synthetic Communications*, 2022; (<https://doi.org/10.1080/00397911.2021.2012804>)
10. S. Tasqeeruddin^a, Yahya I. Asiri^b and S. Shaheen^c. "An environmentally benign, simple

and proficient synthesis of quinoline derivatives catalyzed by $\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$ as a green and readily available catalyst”, *Green Chemistry Letters and Reviews*, 2021, (<https://doi.org/10.1080/17518253.2020.1869840>).

Conference attendance/presentations: (Include recent 3 presentations)

1. Participated and presented paper in 49th Annual Conference of Indian Council of Chemists (ICC), held at Punjab University Chandigarh INDIA, on 19th – 21th Dec-2010.
2. Participated and presented paper in 46th Annual Convention of Chemists 2010 & International Conference on Recent Research Trends in Chemical Sciences held at VIT University Vellore INDIA, on 2nd-6th Dec-2010.
3. National conference on Green Chemistry, held at Osmania University Hyderabad INDIA 2009.
4. 48th Annual Conference of Indian Council of Chemists (ICC), held at Dept. of Chem. Dharwad University Gujarat INDIA, on 15th – 18th Sept-2008.