

CURRICULUM VITAE

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ACADEMIC QUALIFICATION

DEGREE	YEAR	DIVISION/CGPA	BOARD/UNIVERSITY
S.S.C(Science)	1997	1 st	BISE Sargodha
H.S.S.C(Pre-Med)	1999	1 st	FBISE Islamabad
B.Sc(Zoology,Botany,Chemistry)	2002	1 st	PU
M.Sc(Chemistry)	2004	1 st	UoS
Ph.D(Chemistry)	2007-	1 st	UoS & UNSW
<i>Thesis title "Synthesis of benzofused nitrogen based heterocycles"</i>			
2014			

*PU: University of the Punjab; UoS: University of Sargodha; UNSW: University of New South Wales, Sydney, NSW, Australia

SCHOLARSHIPS / GRANTS

1. Award of Ph.D. Scholarship from higher education commission (HEC) of Pakistan under indigenous 5000 Ph.D. Scholarship Scheme (2006-2012).
2. Award of a scholarship under the International Research Support Initiative Program (IRSIP) by the Higher Education Commission (HEC) Pakistan for research abroad (School of Chemistry, **University of New South Wales, Sydney NSW, Australia**) (2011-2012).
3. Award of SRGP#21-1145 entitled "Synthesis and biological screening of novel indole derivatives".

RESEARCH INTERESTS & PROFESSIONAL EXPERIENCE

Position	Duration	Institute
Lecturer (O` Levels)	10/01/2005 to 10/01/ 2007	Connoisseur Grammar School Sargodha
Lecturer (Visiting)	Summer Camp, 2012	University of Sargodha, Sargodha
Assistant Professor (IPFP)	13/06/2016 to 17/12/206	University of Education, Jauharabad campus
Assistant Professor (TTS)	19/12/2016 to the date	University of Education, Jauharabad campus

Research Publications

1. A. R. Raza, **S. L. Rubab** & M. N. Tahir "2-Methylamino-5-nitrobenzoic acid" *Acta Cryst. E66*, **2010**, o1484. <https://doi.org/10.1107/S160053681001946X>
2. **S. L. Rubab**, B. Nisar, A. R. Raza & N. Ullah "Asymmetric Synthesis of 4,1-Benzoxazepine-2,5-Diones—Effect of the Halogen of (2S)- α -Haloacids" *Molecules* **2014** 19, 139-148. [doi: 10.3390/molecules19010139](https://doi.org/10.3390/molecules19010139).
3. B. Nisar, **S. L. Rubab** & A. Sultan "Comparison of Medicinally Important Natural Products versus Synthetic Drugs-A Short Commentary" *Nat Prod Chem Res* **2017**, 6(1), 308. [doi: 10.4172/2329-6836.1000308](https://doi.org/10.4172/2329-6836.1000308)

4. A. Sultan, **S. L. Rubab**, B. Nisar & N. Sajjad "CHEMISTRY OF COLD DRINKS/ SOFT DRINKS." *Int. J. Adv. Res.* 5(11), 1003-1006. <http://dx.doi.org/10.21474/IJAR01/5859>
5. A. Sultan & **S. L. Rubab** "Tribulus terrestris-an Ethnomedical & Phytochemical Review" *Arch Nat Med Chem* **2017** 2 ANMC-106. <https://www.gavinpublishers.com/articles/review-article/Archives-of-Natural-and-Medicinal-Chemistry/tribulus-terrestris-an-ethnomedical-phytochemical-review>
6. B. Nisar, **S. L. Rubab**, A. R. Raza, S. Tariq, A. Sultan & M. N. Tahir "An efficient protocol for the synthesis of highly sensitive indole imines utilizing green chemistry: optimization of reaction conditions" *Molecular Diversity* **2018** 22, 709–722. <https://doi.org/10.1007/s11030-018-9826-3>
7. A. Sultan, A. R. Raza, M. H. R. Mehmood, B. Nisar, **S. L. Rubab**, A. Irfan & R. Acevedo "An Overview of Synthetic Approaches towards of Nitration of α -Tetralones" *Mater. Sci. Res. India* **2019** 16 (3). <http://dx.doi.org/10.13005/msri/160301>
8. S. Tariq, A. R. Raza, M. Khalid, S. L. Rubab, M. U. Khan, A. Ali, M. N. Tahir & A. A. CarmoBraga, "Synthesis and structural analysis of novel indole derivatives by XRD, spectroscopic and DFT studies" *J. Mol. Struc.* 2019 <https://doi.org/10.1016/j.molstruc.2019.127438>
9. A. Ashraf, F. Hassan, S. Batool, M. Nadeem, M. Irshad, A. Siddique, F. Anwar, S.L. Rubab, K. Khaliq, M.T. Akhtar, N.A. Akram, T. Ruby and M. Saadia "Protective Effect of Silybum marianum and Nigella sativa Oil Extracts against Cisplatin Induced Nephrotoxicity in Mice" *Curr Top Nutraceutical Res* **2020** 18(2), 1–5.
10. S. Tariq, M. Khalid, A. R. Raza, **S. L. Rubab**, S. F. D. A. Morais, M. U. Khan, M. N. Tahir & A. A. CarmoBraga, "Experimental and computational investigations of new indole derivatives: A combined spectroscopic, SC-XRD, DFT/TD-DFT and QTAIM analysis" *J. Mol. Struc.* **2020**, 1207, <https://doi.org/10.1016/j.molstruc.2020.127803>

Books Published

1. A. Sultan, N. Sajjad, B. Nisar, **S. L. Rubab**, M. H. R. Mehmood, **2018** "A text book on THEORETICAL ASPECTS OF PRACTICAL ORGANIC CHEMISTRY" by ILMI Kitab Khana.
2. A. Sultan, M. H. R. Mehmood, **S. L. Rubab**, **2019** "THE CHEMISTRY of AMINES- AN IMPORTANT CLASS OF NITROGEN COMPOUNDS" by ILMI Kitab Khana.

No. of students supervised/ Co-supervised

5 mphill students Co-supervised

Seminars / Symposia conducted as Chief Organizer

1. "The Impact of pharmaceutical tracers (Iodine 131: I^{131} , Iodine 123: I^{123} , Technetium 99: Tc^{99} , Thallium 201: Tl^{201} , Krypton 81, Kr^{81}) for cancer diagnostics." held on 8-03-2019 at UE JBD Campus.
2. "Phenolic and alkaloik therapies: implementation of plant synergism to cure diabetic ailments" held on 15-03-2019 UE JBD Campus.
3. "Legal approach to antinarcotics domain:- necessity for synthetic chemist." held on 05-04-2019 UE JBD Campus..
4. "Thalassemia Free Pakistan" held on 11-12-2019 UE JBD Campus..
5. "Interdisciplinary Topics in Chemistry and Nanoscience" held on 21-01-2020 UE JBD Campus.
6. "Time management skills" held on 14-02-2020 UE JBD Campus.
7. "Contribution of science for life and society" held on 18-02-2020 UE JBD Campus.

Conferences, Workshops, Symposia attended/participated

1. Workshop on Pharmaceuticals and Development, held at University of Sargodha (21-22 Nov, 2007)
2. 18th National Chemistry Conference held at Punjab University, Lahore (25-27 Feb, 2008).
3. 1st Junior National Chemistry Symposium under the age of 35, held at AJK University, Muzaffarabad (19-22 Oct, 2008)
4. 8th International and 20th National Chemistry Conference held at Quaid-e-Azam university, Islamabad (15-17 Feb, 2010)
5. Royal Australian Chemical Institute (RACI) Natural Products Group, Annual One-Day Symposium, The University of Wollongong, Wollongong, NSW, Australia (30 Sep, 2011).
6. Medicinal Chemistry/Drug Discovery Symposium, The University of New South Wales (16 Nov, 2011).
7. Crystal Engineering Symposium in Honour of Emeritus Prof Roger Bishop, The University of New South Wales, Sydney, Australia (21 Nov, 2011).
8. CHEMICAL TRENDS 2013- A CONFERENCE ON THE RECENT TRENDS IN CHEMICAL RESEARCH, Department of Chemistry, SBA School of SCIENCE & ENGINEERING LAHORE UNIVERSITY of MANAGEMENT SCEINCES, LAHORE, PAKISTAN (27 Sep, 2013).
9. One day seminar on functional foods and nutraceuticals, Chemistry Recent Developments and Future prospects, University of Sargodha (20th March, 2013).
10. One day Symposium on "Green Chemistry: An Innovative Route to Sustainable Scientific Development" (30th April, 2014).
11. Training workshop for Programme Team members regarding Self-Assessment BS Chemistry, UE Jauharabad Campus (2018-19) on 28th Feb 2019.
12. Training workshop for Assessment Team Members regarding Self-Assessment BS Chemistry, UE Jauharabad Campus (2018-19) on 12th June 2019.

Conference participation as oral presenter

1. 3rd International Conference on "RESCENT TRENDS IN CHEMISTRY" (23-24 Nov 2017), Allama Iqbal Open University Islamabad.
2. ICE2018 6th International Conference on Education "Science Beyond Classroom" (15-17 March 2018) University of Education, Lahore.
3. 30th National & 18th International Chemistry Conference on "Rescent Trends in Chemistry-CCUMT-2019" (27th-29th Dec, 2019).

Services

1. Member admission committee UE Jauharabad Campus since 2016.
2. Incharge chemistry, botant and zoology lab University of Education, Jauharabad Campus since 2016.
3. Member coordination committee 2017.
4. Member Library Society 2017, UE Jauharabad Campus.
5. Member Time table committee since 2017.
6. Member purchase committee 2017.
7. Member scholarship committee since 2017
8. Coordinator / Chairperson Department of Chemistry, University of Education, Jauharabad Campus since 01, 02, 2018.
9. Convener Lab management committee since 2018

10. Member BOS Department of Chemistry, University of Education, Lahore since 21,05, 2018.
11. Convener audit committee for SRGP project 2018-2019.
12. Member Library committee UE Jauharabad Campus 2018-2019.
13. Member hostel affairs committee UE Jauharabad Campus 2018-2019.
14. Incharge assests physical verification committee for girls hostel UE Jauharabad Campus 2019.
15. Member internal audit committee UE Jauharabad Campus 2018-2019.
16. Member Hardship cases committee 2019 UE Jauharabad Campus.
17. Member Annual stock taking committee for Chemistry and Physics Lab 2019 UE Jauharabad Campus.
18. Member Anti-Dengue committee 2017 & 2019 UE Jauharabad Campus.
19. Member Horticulture committee 2017 & 2019 UE Jauharabad Campus.
20. Programe team member for self assessment report of Chemistry Department, UE Jauharabad Campus for the year 2018-2019.
21. Assesment team member for self assessment report of Chemistry Department, UE Jauharabad Campus for the year 2018-2019.

Awards/Achievements

1. Participation in Intra Board School/College Science Exhibition Contest 1996 awarded by Pakistan Science Foundation.
2. Special Prize for Essay Writing awarded by BAZM-E-ILM-O-FUN-PAKISTAN 1996.
3. Second Prize in Science Exhibition Contest 29th to 30th september 1996 awarded by Board of Intermediate & Secondary Education, Sargodha 1996.

References will be arranged upon request