

CURRICULUM VITAE

Dr. HAMID ULLAH

Nationality : Pakistani



Name	Dr. Hamid Ullah			
Designation	Associate Professor (BPS-20)			
Department	Chemistry			
Faculty	Faculty of Basic Sciences (FABS)			
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Qualification				
Degree/Certificate	Name of the Institute/ University		Field of study	
Ph. D Chemistry (2014)	State University of Campinas (UNICAMP), Brazil		Organic Chemistry (Organic Synthesis)	
M. Sc (Master of Science in Chemistry)	Federal Urdu University of Arts Science and Technology, Karachi , Pakistan		Organic Chemistry	
B. Ed (Bachelor in Science Education)	University of Karachi, Karachi , Pakistan		Chemistry & General Science	
B. Sc (Bachelor of Science)	Gomal University, D. I. Khan, KPK, Pakistan		Biological Sciences	
Publications in HEC Recognized journals				
S. No	Title of Paper	Name of Journal	National/ International	Publication Date
1	Natural products as bioactive agents in the prevention of dementia	CNS & Neurological Disorders-Drug Targets (Formerly Current Drug Targets- CNS & Neurological Disorders)	International	2023
2	Isolation and Bioassay of a New Terminalone A from <i>Terminalia arjuna</i>	Molecules	International	2023
3	Three new α -glucosidase inhibitor benzoisochromenes from <i>Datura stramonium</i>	Natural Product research	International	2022
4	New Challenges in the Use of Nanomedicine in Cancer Therapy	Bioengineered	International	2022
5	Morita Baylis Hillman Adduct Serves as Ligand in the Synthesis of	Pharmaceutical Chemistry Journal	International	2022

	Transition Metal Complexes Exhibiting Antibacterial Activity			
6	Two New Cholinesterase Inhibitory and Antioxidative Constituents from <i>Syzygium cumini</i>	Iranian Journal of Chemistry and Chemical Engineering	International	2022
7	In vitro antioxidant, anticholinesterase, tyrosinase activity studies, and LC-MS/MS simultaneous determination of 37 bioactive compounds in <i>Indigofera heterantha</i>	South African Journal of Botany	International	2022
8	Synthesis, characterization, and computational study of copper bipyridine complex [Cu (C ₁₈ H ₂₄ N ₂) (NO ₃) ₂] to explore its functional properties	Zeitschrift für Naturforschung C	International	2022
9	Synthesis and Biological Activity of Morita Baylis Hillman Adducts and their Oximes	Pharmaceutical Chemistry Journal	International	2022
10	Efficient hydroxyl radical production with Sodium salts of surfactants ozonation for treatment of organic acid pollutants in wastewater	Environmental Technology & Innovation	International	2021
11	Chemical and biological food safety threats associated with fresh juices consumed in Capital territory Islamabad Pakistan	Progress in Nutrition	International	2021
12	<i>Health risks in different age group of nitrate in spring water used for drinking in Harnai, Balochistan, Pakistan</i>	Ecology of food and nutrition	International	2020
13	Fistuloates A–C: New antioxidative aromatic compounds isolated from <i>Cassia fistula</i>	Journal of Chemical Research	International	2019
14	<i>Two New Antioxidative Geniposides (Ulmoside C, Ulmoside D) and 10-O-Acetylgeniposidic Acid from Eucommia Ulmoides</i>	Pharmaceutical Chemistry Journal	International	2018
15	New furocarbazole alkaloids from <i>Lonicera quinquelocularis</i>	Natural Products Research	International	2016
16	A Versatile Approach to Noncoded β -Hydroxy- α -amino Esters and α -Amino Acids/Esters from Morita-Baylis-Hillman Adducts	<i>SYNTHESIS</i>	International	2015

Paper Presented				
S. No	Title of Paper	Name of Conference	National/ International	Date
1	An expeditious approach to (+)-polyxamic acid and derivatives from Morita-Baylis-Hillman reaction	15 th Brazilian Meeting on Organic Synthesis (15th BMOS)	International	September, 2013
2	Morita-Baylis-Hillman adduct is a versatile building block for an expeditious and highly diastereoselective synthesis of anti β -hydroxy- α -amino esters, synthesis of non proteneogenic α -amino acids and synthesis of racemic DOPA	15 th Brazilian Meeting on Organic Synthesis (15th BMOS)	International	September, 2013
3	A direct approach towards the preparation of intermediates to the synthesis of Amaryllidaceae Alkaloids from Morita Baylis-Hillman Adducts	14 th Brazilian Meeting on Organic Synthesis (15th BMOS)	International	September, 2011
Books Authored/ Edited				
S. No	Name of book	Publisher	ISBN	
1	I have published a book chapter entitled as "Classification of Anti-Bacterial Agents and Their Functions" in a book "Antibacterial Agents". It can be cited as; Hamid Ullah and Saqib Ali (May 31st 2017). Classification of Anti-Bacterial Agents and Their Functions, Antibacterial Agents, Ranjith N. Kumavath, IntechOpen, DOI: 10.5772/intechopen.68695.	IntechOpen	978-953-51-3200-4	
Work Experience				
S. No	From (year)	To (year)	Name of the Institution/ Organization	Position held
1	31/12/2021	Present	Balochistan University of Information Technology, Engineering and Management Sciences (BUIITEMS), Quetta	Associate Professor (Chemistry)
2	2017	2018	Balochistan University of Information Technology, Engineering and Management Sciences (BUIITEMS), Quetta	Deputy Director ORIC
2	2016	30/12/2021	Balochistan University of Information Technology, Engineering and Management Sciences (BUIITEMS), Quetta	Assistance Professor (Chemistry)
2	2015	2016	Mohi-ud-Din Islamic University, Nerian Sharif, AJ&K	Assistance Professor (Chemistry) & HOD Chemistry Department
3	2014	2015	Institute of Chemical Sciences, Gomal University, D. I. Khan kpk, Pakistan	Assistance Professor (Chemistry)
4	2006	2006	Zafa Pharmaceutical Laboratory Private Ltd., Karachi-75950 Pakistan	Quality Control officer

Area of specialization	Organic Chemistry
Expertise	Strong experience in the synthesis of organic and related compounds from milligram to multigram Scale by Modern Synthetic Methods. Experience in microbial transformation of organic compounds to get more useful compounds. Strong Experience on utilization/interpreting data of NMR-Spectroscopy (Trained for operating 250, 400 and 500 MHz Bruker spectrometers and 300, 400 and 500 MHz Varian, JMT and JEOL and JMT spectrometers, Infrared and UV/VIS Spectroscopy, Mass Spectrometry, HPLC,

	Column Chromatography, Thin Layer and Flash Chromatography, Automatic TLC-Scanner, Automatic column chromatography machine. Have good experience in Natural Products Chemistry.
HEC Approved Supervisor	Yes
If Yes, provide HEC URL/ID	HEC approved supervisor ID:87636
Research grants/ Projects	<p>Completed:</p> <ol style="list-style-type: none"> 1. 2018-19: As PI work is in progress on the project entitled "Studies on synthesis of Schiff bases and evaluating scope of Morita Baylis Hillman (MBH) adducts", of an amount 198000 (PKR), with letter no.: No. 01/ Research Projects/ ORIC/ BUITEMS/ 2011/ 325. 2. 2018-19: As Co-PI research work is completed on the project entitled "Study the effects of epoxy/tetra functional thiol structure based PDLCs film", sponsored/Funded by ORIC BUITEMS Quetta Pakistan. 3. As Co-PI work has been completed in 2021 on a mega project "TDF02-054" of 13.6 million (PKR), entitled "Study on the effect of silver nanoparticles (AgNPS) in epoxy monomers based PDLC films (Smart glass)" sponsored by HEC Pakistan under technology development fund (TDF) program. 4. 2017-2018: As Co-Principal Investigator completed a project of an amount 171500 (PKR) entitled "Synthesis and Biological Evaluation of Some Aliphatic Acid Hydrazides and Their Hydrazones" for the session, sponsored/funded by BUITEMS Quetta Pakistan. 5. 2017-2018: As Principal investigator completed BUITEMS Pakistan funded project of an amount 164000 (PKR) entitled "Studies directed towards the synthesis of Morita Baylis–Hillman adduct based oximes and their biological investigation", with letter no.: 01/ Research Projects/ ORIC/ BUITEMS/ 2011/ 610.

Additional Information

- **MEMBERSHIP OF ACADEMIC BODIES:** I am a member of various academic bodies/committees at the BUITEMS, Quetta, Pakistan.
- **Reviewer in a Scientific Journal:** I am a reviewer for various national and international Scientific journals.
- **TRAINING**
-Training as a “Good laboratory practice”, in Zafa pharmaceutical Laboratory Private Ltd., Karachi-75950 Pakistan./ 31 of March **2006**.

- **Short Courses:**

(i) Mini course in Lecture series on modern Mass Spectrometry (from 07-29 of February **2008**). HEJ research institute of chemistry, university of karachi, HEJ-UOK, Pakistan.

Training and Mini course on HPLC – High performance liquid chromatography, 05 of Octobers **2013**, from an industry Pharmaceutica Jr. and Laboratório Innovare-State University of Campinas (UNICAMP Brazil).

- **COMPUTER SKILLS**

Microsoft Windows 95/98/00/XP, Microsoft Word 97/98/00/XP, Microsoft Excell 95/98/00/XP, Chemoffice 5.1/6.1/7.1/8.1/9.1./10.0/11.0 Microsoft Powerpoint 97/98/00/XP. TURBO-PASCAL, Win-NMR, Scifinder-online and Beilstein-online literature research, CAS- online literature research.

- **COMMUNICATION SKILLS**

Proficient in reading, writing, listening and speaking abilities of the English, Pashto, Portuguese and Urdu.