

MUHAMMAD SAADIQ

PhD (Enrolled)

(CGPA 4.0/4.0)

**Institute of Chemical Sciences,
University of Peshawar, Peshawar,
Khyber Pakhtunkhwa, Pakistan**



M.Phil (CGPA 3.8/4.0)

**Institute of Chemical Sciences,
University of Peshawar, Peshawar,
Khyber Pakhtunkhwa, Pakistan**

M.Sc (Gold Medalist)

Organic Chemistry,
**University Of Malakand, Chakdara,
Dir (Lower), Khyber Pakhtunkhwa,
Pakistan**

Contact:

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Research Interests:

Include the Synthesis of Organic compounds and to determine their structure by Advanced Spectroscopic Techniques especially NMR, Mass Spectrometry, UV and IR Spectrophotometer

Teaching Experiences:

- **Assistant Professor in Chemistry, Bacha Khan University, Charsadda, Khyber Pakhtunkhwa, Pakistan**
From September 04, 2016 till date
- **Lecturer in Chemistry, Bacha Khan University, Charsadda, Khyber Pakhtunkhwa, Pakistan**
From May 09, 2012 to September 03, 2016
- **Lecturer in Chemistry, Islamia College University, Peshawar, Khyber Pakhtunkhwa, Pakistan**
From September 07, 2009 to May 08, 2012

- **Lecturer in Chemistry, The Swat Froebel School and College, Fizagat, Swat, Khyber Pakhtunkhwa, Pakistan**
From August 01, 2008 to September 06, 2009

Administrative Experiences:

- **Resident Warden, Arbab Behram Manzil, Islamia College University, Peshawar, Khyber Pakhtunkhwa, Pakistan**
From September 07, 2009 to May 08, 2012
- **Additional Registrar** officiating the Office of the Registrar, Bacha Khan University, Charsadda, Khyber Pakhtunkhwa
- **Deputy Registrar (Academics)**, Bacha Khan University, Charsadda, Khyber Pakhtunkhwa
- **Additional Controller of Examination** officiating the Office of the Controller of Examinations, Bacha Khan University, Charsadda, Khyber Pakhtunkhwa
- **Deputy Controller of Examination**, Bacha Khan University, Charsadda, Khyber Pakhtunkhwa
- **Public Information Officer**, Bacha Khan University, Charsadda, Khyber Pakhtunkhwa, Pakistan

Memberships:

- **Member of the Senate**, Bacha Khan University, Charsadda, Khyber Pakhtunkhwa, Pakistan. (From April 05, 2013 to April 04, 2016)
- **Member of the Syndicate**, Bacha Khan University, Charsadda, Khyber Pakhtunkhwa, Pakistan. (From March 02, 2016 to September 04, 2016)
- **Member of the Academic Council**, Bacha Khan University, Charsadda, Khyber Pakhtunkhwa, Pakistan. (From August 10, 2016 till August 09, 2020)

- **Member of Advance Studies & Research Board**, Bacha Khan University, Charsadda, Khyber Pakhtunkhwa, Pakistan
- **Member the Board of Faculty of Science**, Bacha Khan University, Charsadda, Khyber Pakhtunkhwa, Pakistan
- **Member of the Board of Studies**, Department of Chemistry, Bacha Khan University, Charsadda, Khyber Pakhtunkhwa, Pakistan
- **Programme Team Member**, Quality Enhancement Cell, Bacha Khan University, Charsadda, Khyber Pakhtunkhwa, Pakistan
- **Member of Statutes Framing Committee**, Bacha Khan University, Charsadda, Khyber Pakhtunkhwa, Pakistan
- **Convener, Land Acquisition Committee**, Bacha Khan University, Charsadda, Khyber Pakhtunkhwa, Pakistan

Professional Responsibilities:

- To carrying out Research along with Teaching
- To deliver Lectures to Graduate and Postgraduate students on topics related to Organic Chemistry
- Prepare Course Materials such as Syllabi, Homework Assignments, and Handouts

Courses: M. Sc. Organic Chemistry

Spectral Analysis of Organic compounds
 Oxidation/Reduction Chemistry
 Heterocyclic Chemistry
 Natural Products Chemistry

Course: BS Chemistry

Basic concepts in Organic Chemistry

Computer Skills:

- Microsoft Word, Excel, Power Point, Internet Explorer
- Chemical Structure drawing database
- Laboratory Documentations

Academic Qualifications:

- **M.Phil (*Natural Products Chemistry*)**
"Phytochemical and Biological studies on *Cedrela serrata* Royle"
Institute of Chemical Sciences,
University of Peshawar, Peshawar, Khyber Pakhtunkhwa,
Pakistan
- **M. Sc. (Gold Medalist) *Organic Chemistry***
University of Malakand, Chakdara, Dir (Lower),
Khyber Pakhtunkhwa, Pakistan
- **B. Sc. (Chemistry)**
University of Malakand, Chakdara, Dir (Lower),
Khyber Pakhtunkhwa, Pakistan

Personal Detail:

Date of Birth: May 1st, 1985
Marital Status: Married
Nationality: Pakistani

Research Publication:

- 1- Ghias Uddin, Abdur Rauf, Mumtaz Ali, Mohammad Arfan, Muhammad Qaisar, Muhammad Saadiq, Muhammad Atif Khan and Abid, Preliminary Phytochemical Screening and Antioxidant Activity of *Bergenia ciliata*, Middle-East Journal of Scientific Research. **2012**, *11* (8), 1140-1142
- 2- Muhammad Naeem Khan, Sundus Kalsoom, Rahana Hussain,

Zarbad Shah and Muhammad Saadiq. Development of Indirect Spectrophotometric Method for Quantification of Cephalexin in Pure Form and Commercial Formulation Using Complexation Reaction *Pak. J. Anal. Environ. Chem.* **2016**, 17(2), 118-123

- 3- Afifa Mushtaq, Saqib Ali, Muhammad Nawaz Tahir, Hammad Ismail, Bushra Mirza, Muhammad Saadiq, Muhammad Abdul Haleem, Muhammad Iqbal New Bioactive Heteroleptic Copper(II) Carboxylates: Structure, Enzymatic and DNA-Binding Studies *Acta. Chim. Slov.* **2017**, 64(2), 397-408