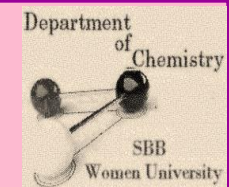




Department of Chemistry

Shaheed Benazir Bhutto Women University, Peshawar



ADMISSIONS OPEN, BS CHEMISTRY

FALL 2024

Welcome to the Department of Chemistry!

The Department of Chemistry is a flourishing and inclusive community that fosters a female-friendly environment for aspiring scientists. Here, we inspire and enable our students to unleash their potential and embark on a journey of discovery in Chemistry. The faculty consists of accomplished, dedicated, and renowned expert female scientists and educators, who work harder to nurture your academic growth, instill the passion for research, encourage your quest, and guiding you in becoming the next generation of visionary chemists with a focus on real-world applications.

As a student at our Department, you will have access to our laboratories where you can work on innovative research ideas in the guidance and supervision of the faculty. You will find opportunities to engage in co-curricular activities, attend seminars, conferences, trainings, and collaboration with other universities, which will enrich your academic career. The skills set and the knowledge you get here, will prepare you for a career in academia, industry, research, or anywhere your passion takes you to.

We invite you to be a part of our community where you can grow and bring a real change through the wonders of Chemistry. Let's create a world where our innovations will bring a solution to the modern-day problems our country and the world at large is facing, as scientific discovery knows no boundaries.

We eagerly await your arrival in our Department!



Vision

To provide quality education to women, and, to educate and train them in chemical sciences and research. This education will not only increase their knowledge but also empower them to contribute to the development of the country.

Mission

- Provide a learning environment, which enables the students to obtain a strong foundation of chemistry knowledge, laboratory skills, and problem-solving abilities at levels appropriate for the variety of students.
- Produce a new generation of professionals in chemical sciences, whose skills developed in the institution will certainly support them to the road of success, and to become leaders either in research, teaching, or industry.
- Maintain the faculty with a wide variety of professional interests representing all areas of chemistry. This supports classes and research opportunities, which covers the entire spectrum of chemistry.
- Remain equipped with modern chemical instrumentation, so that students learn to use the tools of the Chemists' trade.

Department of Chemistry is committed to create a learning environment that meets students' expectations and prepares them for a successful future

Programs Offered

- BS
- MPhil
- PhD

Specialization

- Analytical Chemistry
- Inorganic Chemistry
- Organic Chemistry
- Physical Chemistry

Core Competencies

- Highly Qualified Faculty
- Research facilities
- Pilot/Research projects
- Students research publications
- Scholarships

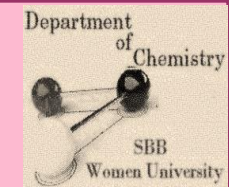
Faculty

Dr. Nargis Jamila (Organic Chemistry), PhD (Malaysia), Post Doctorate (South Korea)
Dr. Rozina Khattak (Physical Chemistry), PhD (Pakistan)
Dr. Aaliya Minhaz (Environmental Chemistry), PhD (Pakistan)
Dr. Fatima Javed (Inorganic Chemistry) PhD (Pakistan), Post Doctorate (Malaysia)
Dr. Naheed Bibi (Inorganic Chemistry), PhD (Brazil)
Dr. Zahida Wasil (Organic Chemistry), PhD (UK), Post Doctorate (Denmark)
Dr. Hajera Gul (Physical Chemistry), PhD (Pakistan)
Dr. Shagufta Rasool (Organic Chemistry), PhD (Pakistan)
Dr. Asma Nasrullah (Physical Chemistry), PhD (Malaysia)
Dr. Tasmia (Analytical Chemistry), PhD (Pakistan)
Dr. Fatima Khitab (Analytical Chemistry), PhD (Pakistan)
Ms. Mamoona Alam (Inorganic Chemistry), MPhil (Pakistan), PhD in progress
Ms. Bibi Ruqia (Organic Chemistry), MPhil (Pakistan)
Ms. Sadia Habib (Inorganic Chemistry), MPhil (Pakistan), PhD in progress (China)



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Laboratories

Four (04) Laboratories equipped with High performance liquid chromatography, UV-Visible spectrophotometer, Rotary evaporators, Potentiostat, Conductivity meters, pH meters, Overhead stirrer, Furnace, Ultrasonicator, Distillation Plants, Weight Balances, Water Baths, Autoclave, Centrifuges, Essential oil assemblies, filtration assemblies, Hotplates, Heating mantles, all basic glassware, all basic chemicals/reagents



Research Projects Awarded

Eighteen (18) research projects have been awarded to the faculty and students of the Department of Chemistry by Higher Education Commission (Pakistan), Directorate General of Science and Technology, Khyber Pakhtunkhwa (Pakistan), and the SBBWU research grants.

Research Publications

Highest number of research publications (>380)

Research Activities

Bench work, research centers and industries tours, plants collection tours, conferences, poster competitions, oral presentations



Scientific research is one of the most exciting and rewarding occupations



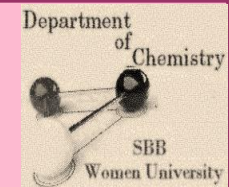
Department's Awards

- Best Department Award 2019
- Best Department Award 2020
- Best Department Award 2021
- Best University Teacher Award 2019
- Best HEC's University Teacher Award 2021
- Best HEC's University Teacher Award 2023
- Research Excellence, Commendation Award 2017-2019
- Best Researcher Award 2018
- Best Researcher Award 2021



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Co-curricular Activities

Seminars, workshops, exhibitions, conferences, sessions



Social Work

Cleanliness, plantation, walks, fund raising



“Discover your potential, contribute to a brighter future, and be a part of the transformation that shapes our world for the better.”

Enroll now

<http://sbbwu.edu.pk/onlineadmission/>

Last date to apply

September 20, 2024 (Friday)

Contact us at:

Phone: +91-9224706

Email: chemistry@sbbwu.edu.pk

More information

www.sbbwu.edu.pk

<http://sbbwu.edu.pk/sbbwu/Department/index/chemistry>

Career Opportunities to Chemistry Graduates

The prospects for chemists are diverse and promising. With a degree in Chemistry, you can embark on rewarding careers as educator/faculty, chemist, analyst, pharmacist, research officer, and so many more. Several industries such as pharmaceuticals, textile, food, cosmetics, environmental management, renewable energy, and sustainable technologies eagerly welcome chemists, providing ample opportunities to make a positive impact on society.

