

DR. ZAKIA AHMAD

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Summary

Motivated experienced person, has the ability to organize and prioritize work. Eager to advance knowledge and skills. Superior when it comes to problem solving and working without direct supervision. Having 17 years College and University level teaching and research experience. Performed many key administrative additional duties along with complete guidance and counselling of pupils.

Skill Highlights

- Dynamic Teacher
- Strong decision maker
- Complex problem solver
- Quality and quick management
- Creative Researcher
- Innovative
- Service-focused

Experience

Teaching, Supervision and Administrative management Experience.

- Assistant Professor, Centre for Plant Science and Biodiversity University of Swat- 2018-till date
- Lecturer, Centre for Plant Science and Biodiversity University of Swat 2014-2018
- Lecturer, Botany department University of Malakand (2008-2014)
- Lecturer, Post Graduate Girls College Saidu Sharif Swat, KPK Pakistan 2006-2008
- Incharge Departments of Botany, Zoology and Psychology Women
- Incharge trips and tours
- Management of all Co- curricular Activities
- BS Program Coordinator
- Campus Coordinator Women Campus & Principal College of Home Sciences UOS (July, 2017 -2021)
- Staff Proctor University of Malakand (2008-2014)

- Communicating with other departments like HR and high authorities to hire the suitable and active workers.
- Provide training to new team workers.
- Also to maintain a custodial budget.
- Managing people and organizing functions.
- Efficient in providing managerial services and habit of independent work.
- Work in positive and approachable manner.
- Having good numeracy and literacy.
- Supervised number of graduate and post graduate research students in the field of Natural Sciences

Education

- Ph.D in Molecular Biology (A-Grade) from Quaid-e-Azam University Islamabad.
- M.Phil (A grade), Quaid-e-Azam University Islamabad.
- M.Sc (1st-div.), University of Peshawar.
- B.Sc (1st –div.), Govt. Frontier College, Peshawar.
- B.Ed (1st –div.), University of Peshawar.

Languages

- English (Excellent)
- Urdu (Excellent)
- Pashto (Native)

Scholarship/ Achievements/ Certificates

- Merit Scholarship from SSC to M.phil
- First div. & A+ grade throughout academic record
- Certificate from University of Swat for attending one-day National Symposium
- Certificate from Agriculture Research Institute Tarnab Peshawar for attending one-day workshop on “Mushroom Cultivation”.
- Certificate from CMA Education UK workshop for Faculty Training Program
- Certificate from East & West Institute Islamabad for spoken English course
- Certificate from ISLAMABAD TEACHER TRAINING INSTITUTE COMSAT for attending Computer Course
- Social work certificate from University of Peshawar
- Social work certificate from Quaid-i-Azam University Islamabad
- Social work certificate from Pakistan Institute of Developmental Economics
- Certificate of 3-months course in Designing
- Certificate of 3-months course in Nutrition

Workshop/ Seminars/ Conference/ Training attended

- 5th International Conference on Advances: Bridging the gap between Research and sustainable development goals CPSB UoS (2022)
 - 3rd International Conference on Environment and Sustainable Development SDSC, GCU LAHORE (2021)
 - 1st National Conference on Molecular Biology Tools & Techniques at Dptt.Botany UoM. (2018)
 - One day seminar on “ *Water day*” organized by UOS (2017)
 - One day National Symposium on “*MAPs cultivation & Conservation*” University of Swat (2016)
 - Training workshop on “*Mushroom cultivation*” Agriculture Research Institute Tarnab Peshawar 2016
 - International Conference on applications of Molecular Biology. Deptt: Biochemistry Quaid-Azam University Islamabad (2013)
 - 3-days workshop of “*Faculty training Program*” organized by CMA Education UK at Bahria University Islamabad (2009)
 - One day seminar on “Exploration & sustainable utilization of Morale Mushrooms” organized by CPS & B UOS (2016)
 - 3-days workshop on “Nutritional analysis of tribal areas” organized by UNICEF (2002)
 - One day seminar on “ *Computer literacy*” organized by COMSAT Institute Islamabad (2001)
 - International day for Biological Diversity organized by CPS & B UOS (May, 24-25, 2017)
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Memberships

- Member of Syndicate UOS (2017-21)
 - Member Board of Studies CPSB UOS
 - Member GSC CPSB UOS
 - Departmental focal person for HEC laptop Scheme
 - Member of departmental admission committee
 - Member of Students Conduct & Discipline Committee UOS
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Publications

- Diversity analysis of chickpea (*Cicer arietinum* L.) germplasm and its implications for conservation and crop breeding (2012)
- Marker Assisted Selection (MAS) for chickpea *Fusarium oxysporium* wilt resistant genotypes using PCR based Molecular Markers (2014).
- Genetic diversity and disease response of rust in bread Wheat collected from Waziristan Agency, Pakistan (2011)
- SSR Markers linked to seed size and seed weight in local and exotic Chickpea germplasm reported from Pakistan (2014)
- Phytochemicals, in vitro antioxidant, total phenolic contents and phytotoxic activity of *Cornus macrophylla* Wall bark collected from the North-West of Pakistan (2015)
- Floristic diversity and ecological characteristics of flora of Kharawo Talash, Dir lower, Khyber Pakhtunkhwa, Pakistan (2020)

- Survey of taxo-ethnomedicinal plants belonging to family Apiaceae in the outer hills of Dir Kohistan, Pakistan (2020)
- A DETAILED CHARACTERIZATION OF THE COMMON BEAN GENETIC DIVERSITY IN THE HIDDEN GENE CENTER OF PAKISTAN: MALAKAND DIVISION (2014)
- Taxonomic and ethnobotanical study of Ranunculaceae from Dir Upper, Khyber Pakhtunkhwa, Pakistan (2020)
- Taxo-ethnomedicinal diversity of Asteraceae family of Dir Upper, Khyber Pakhtunkhwa, Pakistan (2020)
- Taxonomic and medicinal survey of Lamiaceae in the hilly area of Dir Kohistan, Khyber Pakhtunkhwa, Pakistan (2020)
- Pteridophytic flora of Jelar valley, Dir upper, Khyber Pakhtunkhwa, Pakistan (2020)
- Medicinal value and taxonomic study of Euphorbiaceae from Dir upper Khyber Pakhtunkhwa Pakistan (2020)
- Biological activities of some selected medicinal plants of Agra valley district Malakand, Pakistan (2020)
- Medicinal value and Taxonomic survey of Boraginaceae of Dir Kohistan, Pakistan (2020)
- Phytochemical, antioxidant and antibacterial screening of Artemisia Absinthium from Dir Lower Pakistan (2020)
- Effect of Bistorta affinis and Malcolmia cabulica essential oils on human and foodborne pathogens, insects and termites (2022)
- 5 are submitted for Publication

References

Dr. Abdul samad Mumtaz Professor Plant Sciences Quaid-i-Azam University Islamabad

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Dr. Muhammad Nisar Professor and Chairman Department of Botany University of Malakand.

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Dr. Fayaz Ahmad Senior Research officer Agricultural Research Institute Mingora Swat.

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