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Designation		Professor/Dean		
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Faculty		Life Sciences & Informatics		
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Qualification				
Year	Degree/Certificate	Name of the Institute/ University	Field of study	
2010	PhD	University of Wuerzburg, Germany	Plant Molecular Physiology	
1994	M.Sc (Hons) Agriculture	University of Agriculture , Faisalabad	Plant Breeding & Genetics	
1992	B.Sc (Hons) Agriculture	University of Agriculture , Faisalabad	Plant Breeding & Genetics	
Publications in HEC Recognized journals				
S. No	Title of Paper	Name of Journal	National/ International	Public ation date
1	Integrated Systems View on Networking by Hormones in Arabidopsis Immunity Reveals Multiple Crosstalk for Cytokinin	Plant Cell	International	2012
2	A DNA barcode survey of insect biodiversity in Pakistan	Peer J	International	2022
3	Genomic and Comparative Clinico-Pathological Assessment of Two Pakistani Pigeon-Derived Newcastle Disease Virus Sub-Genotypes XXI.1.1 and XXI.1.2 Isolated in 2017	Comparative Immunology, Microbiology and Infectious Diseases	International	2023

4	Characterization of the Complete Chloroplast Genome Sequence of <i>Juniperus polycarpus</i> K. Koch (Cupressaceae), from Ziarat, Pakistan	Indian journal of Science & Technology	International	2021
5	Molecular breeding approaches for production of disease-resilient commercially important tobacco	Briefings in Functional Genomics	International	2020
6	DNA Barcoding Wild Flora in Pakistan's Forests	Barcode Bulletin	International	2019
7	Auxin Crosstalk to Plant Immune Networks: A Plant-Pathogen Interaction Perspective	Current Protein & Peptides	International	2015
8	The SARS-CoV-2 differential genomic adaptation in response to varying UVindex reveals potential genomic resources for better COVID-19 diagnosis and prevention	Frontiers in Microbiology	International	2022
9	Surveillance and assessment of risk factors for Newcastle disease virus from live bird retail stalls in Lahore district of Pakistan	Avian Diseases	International	2022
10	Molecular, Cytogenetic, and Hematological Analysis of Chronic Myeloid Leukemia Patients and Discovery of Two Novel Translocations	Analytical cellular pathology	International	2021
11	Dissemination of NDM-1 in <i>pseudomonas aeruginosa</i> and <i>klebsiellapneumoniae</i> isolated from pus samples in tertiary care hospitals of Quetta, Pakistan	Journal of the Pakistan Medical Association	International	2020
12	Prevalence of extensive drug resistance in bacterial isolates harboring blaNDM-1 in Quetta Pakistan.	Pakistan Journal of Medical Sciences	International	2019
13	Synthesis of Silica Nanoparticles and their effect on priming of wheat (<i>Triticum aestivum</i> L.) under salinity stress	Biological Forum	International	2017

14	A PCR method based on 18S rRNA gene for detection of malaria parasite in Balochistan	The Journal of the Pakistan Medical Association	International	2016
15	Plant Growth Regulators Induced Drought Tolerance in Sunflower (<i>Helianthus annuus L.</i>) Hybrids.	Journal of Animal and Plant Sciences,	International	2014
16	Role of coal-derived humic acid in the availability of nutrients and growth of sunflower under calcareous soil.	Journal of Animal and Plant Sciences	International	2014
17	Hormone Signaling Networks Open Multiple Routes for Immunity and Disease in Plants.	Immunity and Diseases	International	2013
18	Stabilization Of Fresh Buffalo Milk By Activating Lacto peroxidase System	Journal of Animal and Plant Sciences,	International	2013
19	Role of Plant Growth Regulators in Improving Oil Quantity and Quality of Sunflower Hybrids in Drought Stress	Biologia Pakistan	National	2013
20	Ecophysiology of Seed Germination in Native and Exotic Labiates of Balochistan	Biologia Pakistan	National	2013
21	Integration of boolean models on hormonal interactions and prospects of cytokinin-auxin crosstalk in plant immunity.	Plant signaling & behavior	International	2013
22	Role of Humic Acid In The Availability of Nutrients and Growth of Sunflower Under Calcareous Soil	Journal of Animal and Plant Sciences,	International	2014
23	Pathogens from drinking water; Isolation and antibiogram of pathogenic organisms from drinking water in Quetta city	The Professional Medical Journal	National	2014
24	Bacterial Community Profiles in Rhizosphere of Paddy Rice based on 16S rRNA Sequence Analysis.	International Journal of Biology and Biotechnology	International	2014
25	Molecular Characterization and Assessment of Phylogenetic Relationship among Tomato Rhizospheric Bacterial Population	Biologia Pakistan	National	2013

26	Screening of Killer-Sensitive Pattern In Yeasts Using Sensitive Ascomycetous Yeasts Strains	International Journal of Biology and Biotechnology	International	2014
27	Comparative Genome/Proteome Analysis of four Serotypes of Dengue Virus Using Bioinformatics Tools	Journal of applied and emerging sciences	National	2012
28	An evaluation of Production efficiency of indigenous Sheep breeds in Balochistan, Pakistan	Journal of applied and emerging sciences	National	2012
29	Kidney function tests and Serum electrolyte disorders in different ethnic groups of Balochistan	Journal of applied and emerging sciences	National	2012
30	Construction of Expression Vector pVBG2307 by Adding Transcription Initiation and Termination Elements	Journal of applied and emerging sciences	National	2014
31	Embryogenesis and Organogenesis From Embryonic Explants of <i>Pinus geradiana</i> Wall Ex Lamb	Journal of applied and emerging sciences	National	2014

Papers Presented

S. No	Title of Paper	Name of Conference	National/ International	Date/Place
1	DNA barcoding analysis and phylogenetic relationships of associated species of <i>Juniperus polycarpus</i> in Juniper forest Ziarat, Balochistan	8 th international Barcode of Life Conference at	International	Trondheim, Norway from June 17-20 2019
2	Biodiversity Assessment and Monitoring through DNA Barcoding and Metabarcoding (Keynote speaker)	7th International Conference on CLIMATE SMART AGRICULTURE: INNOVATIONS AND ADAPTATIONS	International	15-17 June 2022 at University of Rawalakot
3	DNA Barcoding for Biodiversity Census (Keynote speaker)	International Conference on Plant Science and Management of		University of Balochistan

		Drylands for Agriculture and Biodiversity – A Step Towards Sustainable Development		June 01-02, 2022
4	Microorganisms- Foe or Friend; A Recognition Dilemma for Plants Keynote speaker	Third International Conference on Empowering Nations through Science		Women University Mardan April 24-25, 2019, Islamabad
5	Comparative Microarray Data Analysis of Arabidopsis Genome during its Interaction with Mutualistic & Pathogenic Bacteria	DAAD-HEC International Summer School “FOOD SECURITY IN TIMES OF CLIMATE CHANGE”	International	Nov 3-5, 2013 at COMSATS Islamabad
6	Isolation and Characterization of Rhizosphere Bacteria Of Rice Paddy Field Based On 16S rRNA Sequence Analysis	International Conference on the Applications of Molecular Biology in Medicine and Agriculture	International	August 20-22, 2013 Islamabad

Work Experience

S. No	From	To	Name of the Institution/ Organization	Position held
1	13.04.1994	21-12-2004	Agriculture department Balochistan	Agriculture Officer
2	22.12.2004	Oct.2010	Balochistan University of IT, Engineering & Management Sciences, Quetta.	Lecturer
3	Nov 2010	Feb 2012	Balochistan University of IT, Engineering & Management Sciences, Quetta.	Assistant Professor
4	Feb 2012	May 2014	Balochistan University of IT, Engineering & Management Sciences, Quetta.	Associate Professor
5	May 2014	Till date	Balochistan University of IT, Engineering & Management Sciences, Quetta.	Professor

<p>Area of Research Interest</p>	<p>Prof Nazeer Ahmed has a blend of experience in Agriculture department Balochistan (10 Years) and Balochistan University of Information Technology, Engineering and Management Sciences (BUIEMS), Quetta. At BUIEMS, besides teaching and research, he held various administrative positions from Chairperson of a department to Pro Vice Chancellor. He obtained his PhD from Wuerzburg University, Germany. The main theme of his research work in PhD was to explore the early signaling events involved in plant microbe interaction, particularly plant interaction with the mutualistic bacteria. Current focus of his research is biodiversity conservation. Utilizing state of the art DNA barcoding and metabarcoding approaches, he is attempting to catalog flora and fauna of Pakistan through collaborative endeavors with the related scientific community of Pakistan. The national initiative, Pakistan Barcode of Life (PakBOL), launched on April 26, 2019 is a case in point. In recognition of efforts of Dr Nazeer in the field of DNA Barcoding, he has been nominated member Scientific Committee of International Barcode of Life (iBOL) consortium. He successfully launched collaborative projects both at National and International levels including projects with Centre for Biodiversity genomics (CBG), University of Guelph, Canada, World Wide Fund for nature to name a few. He has supervised 22 post graduate students in areas of Agriculture, biotechnology, forestry and Livestock. Besides, he is co-founder of Quetta Literary Festival and a regular guest speaker at National Institute of Management, Quetta.</p>
<p>Expertise</p>	<ul style="list-style-type: none"> • Plant interaction with Growth Promoting Rhizobacteria • Biodiversity Studies • DNA Barcoding
<p>HEC Approved supervisor</p>	<p>Yes</p>
<p>If Yes, provide HEC URL</p>	<p>https://www.hec.gov.pk/english/scholarshipsgrants/ASA/Pages/APS-EPORTAL.aspx</p>
<p>Research Projects</p>	

	<ul style="list-style-type: none"> • DNA Based Floral Biodiversity Inventories of Quetta, Zhob, Musakhel and Harnai Districts- Higher Education Pakistan Funded Project • DNA-Based Biodiversity Inventories of Juniper Forest Ecosystem in Ziarat; Quetta and Kalat Districts-Pakistan Agricultural Research Council Funded Project • Prioritizing Potential Applicability of Scelio to combat the Desert Locust Problem. Higher Education Pakistan Funded Project (Co-Investigator) • BIOSCAN: Tracing the Patterns of Life on a Changing Planet. Funded by New Frontiers in Research Fund - Transformation 2020 (Co-Investigator) • LifePlan
Additional Information	
Certificate Courses	
Title	Institute
Transformation of the Global Food System	University of Copenhagen (Coursera)
Ecology: Ecosystem Dynamics and Conservation	American Museum of Natural History, Howard Hughes Medical Institute (Coursera)
Understanding Research Methods	University of London, SOAS University of London (Coursera)
Project Management	University of California, Irvine (Coursera)
The Economics of Agro Food Value Chain	Technical University Munich (Coursera)
Challenges of Agribusiness Management	University of Bocconi (Coursera)
Discover Best Practice Farming for a Sustainable 2050	University of Western Australia (Coursera)
Safe and Secure Approaches in Field Environments (SSAFE)	United Nations
“IFAK Life Saver”	United Nations
Training on Monitoring and Evaluation for Operational Executives	Lahore University of Management Sciences
Workshop on Strengthening of Extension Skills of Young Afghanistan-Pakistan Professionals	USDA/UC DAVIS

Social Forestry as a Tool for Poverty Alleviation	National Centre for Rural Development
Effectives letters, Reports and Presentation	Pakistan Institute of Management
Training course on Fertilizer Marketing	National Fertilizer development Centre