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UAN: 081- 111-717-111



Name		Nusrat Jahan		
Designation		Assistant Professor		
Department		Biotechnology		
Faculty		Life Sciences and Informatics		
E-mail address		Official	nusrat@buitms.edu.pk	
		Personal	nusrat.jahanbuitems@gmail.com	
Telephone Number		Office Extension	081-111-717-111 (871)	
		Mobile		
Qualification				
Year	Degree/Certificate	Name of the Institute/ University	Field of study	
2017	PhD	University Technology Malaysia (UTM), Malaysia.	Plant breeding and genetics	
2006	MS	Balochistan University of IT, Engineering and Management sciences (BUITEMS)	Biotechnology & informatics	
Publications in HEC Recognized journals				
S. No	Title of Paper	Name of Journal	National/International	Publication date
1	Response of some selected rice cultivars to germination parameters against iron Fe (II) Toxicity	American Journal of Plant Sciences (AJPS)	International	2017
2	Comparative Study Of Physiological And Growth Parameters For Sodium And Iron Toxicities In Upland And Lowland Cultivars Of <i>Oryza Sativa</i> L.	Pakistan Journal of Botany	National/International	2017
3	Toxic Elements And Cereal Crops: Effects And Strategies To Combat The Toxicities	Journal of Multidisciplinary Engineering Science Studies	International	2017
4	Preliminary Phytochemical Screening, Quantitative Analysis of Alkaloids, and Antioxidant Activity of Crude Plant Extracts from <i>Ephedra intermedia</i> Indigenous to Balochistan.	The Scientific World Journal, Hindawi.	International	2017
5	Prevalence of <i>E. histolytica</i> Associated Dysentery in Children in Satellite Town, Quetta	Journal of Epidemiology	International	2017

S. No	Title of Paper	Name of Conference	National/ International	Date
6	Screening of Previously Reported Microsatellite Markers, Associated with Panicle Characteristics, and For Marker Assisted Selection in Malaysian Rice (<i>Oryza sativa</i> L.)	Journal of Animal & Plant Sciences	National/International	2016
7	A Short Review: On the Development of Salt Tolerant Cultivars in Rice	International Journal of Public Health Science	International	2016
8	Effects of Ferrous Toxicity on Seedling Traits and Ion Distribution Pattern in Upland and Low Land Rice under Hydroponic Conditions	Jurnal Teknologi	International	2015
9	Micropropagation and conservation of three Juniperus species (Cupressaceae).	Pakistan Journal of Botany	National/ International	2012
10	Optimization of Protocol to Enhance the Micro Propagation of Lavender Species.	Journal of Biological Sciences.	International	2012
11	Extraction of Active Components of Aloe Vera to Treat Acne/pimple in Population of Quetta City.	Journal of Applied and Emerging Sciences	National	2012
12	Genetic analysis of yield and yield related traits in sunflower (<i>Helianthus annuus</i> L.) hybrids	Journal of Applied and Emerging Sciences	National	2011
13	Elemental composition of some arid environment fodder and medicinal plants of Quetta, Balochistan.	Journal of the Chemical Society of Pakistan	National/International	2010

Books Authored/ Edited

Paper Presented

S. No	Title of Paper	Name of Conference	National/ International	Date
1.	Estimation of Cadmium (Cd) toxicological effects on two <i>indica</i> rice at germination stage.	International Conference on Biosciences and Medical engineering (ICBME)	International	2016
2.	Comparative study of physiological and growth parameters for sodium and iron toxicities in upland and lowland rice cultivars	international conference of Botany	International	2016

3.	Biological screening of a Medicinal Plant <i>Acropitilon Repens</i> .	IGCESH. URL: sps.utm.my/igcesh/2016/list-of-accepted-abstracts	International	2016
4.	Effect of Ferrous Toxicity on Seedling Traits and Ion Distribution Pattern in Upland and Low Land Rice under Hydroponic Conditions.	PAWEES-INWEPF Joint international conference UPM, Kula Lumpur.	International	2015
5.	An Over View Of Effects of Heavy Metals Toxicity on Germination of Seeds in Crops	2nd international plant Breeding seminar, Kula Lumpur.	International	2014

Work Experience

S. No	From (year)	To (year)	Name of the Institution/ Organization	Position held
1	2009	Present	BUIITEMS Quetta, Pakistan	Assistant Professor
2	2007	2009	BUIITEMS Quetta, Pakistan	Lecturer
3	2006	2006	Governor House Quetta, Balochistan	Research Assistantship
4	2005	2007	BUIITEMS Quetta, Pakistan	Research Associate, Project of HEC

Area of specialization	Plant Breeding and Genetics/ Quantitative genetics
Research Interest	Molecular genetic variation in crops, weeds, and native plants.
Future Research Plans	QTL Analysis, Association Mapping, and fine mapping.
HEC Approved supervisor	Yes / No
If Yes, provide HEC URL	<i>e.g.</i> http://sc.hec.gov.pk/aphds/
Research grants/ Projects	(2013-2014) USDA-funded in-kind Grant Award: Pakistan Agriculture Cold Chain Development (PACCD) Project. Grant for establishment of plant tissue culture lab at BUIITEMS, Quetta, Balochistan, Pakistan. (USD66,000)

Additional Information

<p>Google Scholar: https://scholar.google.com/citations?user=kfOif6AAAAAJ&hl=en</p> <p>LinkedIn: www.linkedin.com/in/nusrat-jahan-ph-d-79515230</p>
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