

Dr. LAL BUX



Associate Professor (Botany),
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Sex Male, Nationality Pakistan, Date of birth 06-04-1986

WORK EXPERIENCE

July 2024 to date	Associate Professor (Botany) Shaheed Benazir Bhutto University, Shaheed Benazir Abad 6700, Sindh, Pakistan
Dec. 2023 to July 2024	Assistant Professor (Botany) Shaheed Benazir Bhutto University, Shaheed Benazir Abad 6700, Sindh, Pakistan
Jan. 2013 to Dec. 2023	Lecturer Shaheed Benazir Bhutto University, Shaheed Benazir Abad 6700, Sindh, Pakistan
Oct. 2011 to Jan. 2013	Lecturer IBA Community College, Khairpur, Sindh, Pakistan

EDUCATION

2016 to 2023	PhD Crop Genetics and Breeding College of Agriculture, Nanjing Agricultural University, Nanjing 210095, Jiangsu Province P. R. China
2006-2007	M.Sc. Botany Shah Abdul Latif University, Khairpur, Sindh, Pakistan
2004-2006	B.Sc. (Hons) Botany Shah Abdul Latif University, Khairpur, Sindh, Pakistan

ADDITIONAL CHARGE

- Factotum, Department of Molecular Biology & Genetics, Shaheed Benazir Bhutto University, Shaheed Benazir Abad 20-11-2023 to 14-06-2024

OTHER RESPONSIBILITIES

- Internal member of the Board of Studies, Department of Molecular Biology and Genetics, Shaheed Benazir Bhutto University, Shaheed Benazir Abad 2023-24

PERSONAL SKILLS

Mother tongue(s)	Sindhi				
Other languages					
	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1/2	C1/2	B1/2	B1/2	B1/2
	IELTS (2016), English Language certificate from the University.				
Chinese	A1/2	A1/2	A1/2	A1/2	A1/2
Urdu	C1/2	C1/2	C1/2	C1/2	B1/2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

CONFERENCES/TRAININGS

- 1st International Conference on Natural Resource Management and Environmental Sustainability for Future Generations, Government College Hisar, VITAL BIOTECH, KOTA 20th April 2024
- 1st International Conference on Environmental Challenges and Material Sciences (ECMS-2023), Department of Chemistry, Shaheed Benazir Bhutto University, Shaheed Benazir Abad 6th - 7th March 2023
- 1st International Conference on Recent Approaches in Plant Sciences (RAPS-2022), University of Education, Lahore 30 -31st March 2022
- Fourth International Conference on Bioscience (ICBS-2021) organized by the Biological Society of Pakistan (BSP) in collaboration with the Department of Plant Sciences, Quaid-i-Azam University, Islamabad 15th June 2021
- International Conference on GCHERA WAP organized by Nanjing Agricultural University, Nanjing China. 28th October 2019

- International Conference on GCHERA WAP organized by Nanjing Agricultural University, Nanjing China. 27th October 2016

TRAININGS/ WORKSHOPS/SEMINARS

- Training of Trainers, Faculty Development Program, Higher Education Commission, Karachi 29th May-6th June 2024
- Web training course on Advanced genotyping sponsored by the ECOBREED (EU grant agreement No 771367) and SAFE-Med (Italian Ministry of Research) projects. 21st -25th June 2021
- Professional Competency Enhancement Program for Teachers (PCEPT) at Shaheed Benazir Bhutto University (SBBU), Shaheed Benazir Abad organized by the Collaboration of SBBU & Higher Education Commission of Pakistan. 28th April – 29th May 2014
- Teacher’s Professional Development Workshop, at Excellence Academy Sukkur organized by Aga Khan University-Examination Board. 14th March – 16th March 2012
- Teacher’s Professional Competency, at Shaheed Benazir Bhutto University Shaheed Benazir Abad organized by Higher Education Commission Pakistan. 25th Oct. – 6th Nov. 2010

TOTAL PUBLICATIONS

Total W	Total X	Total Y	Scopus	WoS	IF	Citation	H-index	i10-index
5	1	5	8	6	18	50	4	1

- Comparative assessment of urea, creatinine, and blood urea nitrogen in male and female patients with different age groups of chronic kidney disease in Shaheed Benazir Abad, Sindh (2023), World Journal of Biology and Biotechnology, 8 (2): 39-42
- Genetic stability analysis of tissue culture-derived date palm cv. Dedhi plants using IRAP markers (2022), Acta Ecologica Sinica, <https://doi.org/10.1016/j.chnaes.2021.02.011>
- Mathematical Modeling and Optimization of Physical Properties of Paddy as Influenced by Drying (2021), Pakistan Journal of Agricultural Research, 34 (2): 337.345 <https://dx.doi.org/10.17582/journal.pjar/2021/34.2.337.345>

- Detection of QTLs for outcrossing-related traits in CSSL population derived from primitive japonica accession Ludao in the genetic background of *O. sativa* spp. japonica restorer C-bao using RSTEP-LRT method. (2020) *Agronomy* 10 (1) 28
<https://doi:10.3390/agronomy10010028>
- Detection of QTLs for Outcrossing-related traits in rice (*Oryza sativa* L.) by association mapping and RSTEP-LRT method (2019) *Euphytica* 215:204
<https://doi.org/10.1007/s10681-019-2528-9>
- Occurrence of sudden decline disease of date palm (*Phoenix dactylifera* L.) in Khairpur, Pakistan (2020), *Pakistan Journal of Phytopathology*, 32 (1)
- Association analysis between constructed SNPLDBs and GCA effects of 9 quality traits in parents of hybrid rice (*Oryza sativa* L.) (2020) *BMC Genomics* 21:31
<https://doi.org/10.1186/s12864-019-6428-0>
- Mining of Favorable Alleles for Seed Reserve Utilization Efficiency in *Oryza sativa* by Means of Association Mapping (2020) *BMC Genetics* 21:4
<https://doi.org/10.1186/s12863-020-0811-3>
- Agronomic performance of some alien bread wheat (*Triticum aestivum*) lines under agro-ecological conditions of Sakrand, Pakistan (2019) *Pure Appl. Biol.* 8(4): 2135-2142 <http://dx.doi.org/10.19045/bspab.2019.80158>
- Mining of favorable marker alleles for flag leaf inclination in some rice (*Oryza sativa* L.) accessions by association mapping. (2018) *Euphytica* 214 (7):117
<https://doi.org/10.1007/s10681-018-2183-6>
- Mining of favorable alleles for lodging resistance traits in rice (*Oryza sativa* L.) through association mapping. (2018) *Planta* 248 (1):155-169
<https://doi.org/10.1007/s00425-018-2885-y>

COMPUTER SKILLS

- Good command of Microsoft Office™ gears, Beginners CIT course, Genetic Software Utilization

REFERENCES

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