

Dr. Sidra Naz

Statistician and Acting HR Manager, Bahawalpur Medical & Dental Complex, Bahawalpur

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BASIC INFORMATION

CAREER objectives	To pay my full energies, attention, commitment and devotion for the welfare of marginalized community.
Skills	Highly proficient in using various statistical software packages and productivity tools to analyze data, interpret complex information, and communicate findings effectively Skilled in: • R: Performing advanced statistical analyses, data visualizations, and programming • SPSS: Conducting surveys, generating reports, and interactive statistical analysis • MINITAB: Data analysis, process improvement, and quality management • MATLAB: Matrix manipulations, function plotting, and numerical computing • Microsoft Office: Creating professional documents, analyzing data using spreadsheets, and delivering engaging presentations. • My conflict management skills enable me to resolve disputes effectively and foster a collaborative atmosphere among team members. I excel in communication and interpersonal skills, allowing me to convey ideas clearly and build positive relationships with colleagues and stakeholders. Additionally, I have strong program arrangement skills, which involve organizing and coordinating events and programs to ensure their successful execution. My ability to analyze data equips me with the insights necessary for informed decision-making, while my team management skills allow me to lead and motivate teams toward achieving shared objectives and enhancing overall productivity.

EDUCATIONAL QUALIFICATION

Qualification	Subjects	Total Marks	Obtained Marks	Percentage	Year	Division	INSTITUTE
Matric or equivalent	Arts	850	556	65%	2008	1 st	BISE Bahawalpur
Intermediate	ICS	1100	485	44%	2010	3 rd	BISE Bahawalpur
Bachelor's degree	B.SC	800	450	56%	2012	2 nd	The Islamia University Bahawalpur, Pakistan
Master of Science in Statistics	Statistics	4.00	3.88 (Position Holder)	97%	2014	1 st	The Islamia University Bahawalpur, Pakistan
M Phil (Statistics)	Probability Distribution	4	3.91	98%	2020	1 st	The Islamia University Bahawalpur, Pakistan
P.hD (Statistics)	Probability Distribution	4	3.98	98%	2023	1 st	The Islamia University Bahawalpur, Pakistan
Professional Qualification	B.Ed.	1000	544	55%	2016	2 nd	The Islamia University Bahawalpur, Pakistan

RESEARCH PUBLICATION

National / International Journal Papers

Sr. No.	Title of Publication/DOI	Complete Name of Journal and Address	Contribution	IF
01	A transmuted modified power-generated family of distributions with practice on submodels in insurance and reliability. <i>Symmetry</i> , 15(7), 1458.	MDPI (Symmetry)	Naz, S., Al-Essa, L. A., Bakouch, H. S., Chesneau, C. (2023).	2.2
02	A group acceptance sampling plan based on flexible new Kumaraswamy exponential distribution: An application	Cogent Engineering (Taylor and Francis)	Naz, S., Tahir, M. H., Jamal, F., Ameerq, M., Shafiq, S., Mendy, J. T. (2023).	2.1

	to quality control reliability. 10(2), 2257945.			
03	A new univariate continuous distribution with applications in reliability.13(11).	AIP Advances	Marzouk, W., Shafiq, S., Naz, S. , Jamal, F., Sapkota, L. P., Nagy, M., & Gemeay, A. M. (2023).	1.4
04	A new Marshall-Olkin generalized-k family of distributions with applications. 99(12), 125221.	Physica Scripta	Naz, S. , Tahir, M. H., Jamal, F., Elgarhy, M., Shafiq, S., Alsadat, N., & Nagarjuna, V. B. (2024).	2.6
05	Group Acceptance Sampling Plan for Exponential Logarithmic Distribution: An Application to Medical and Engineering Data Doi: 10.1080/23311916.2024.2328386	Cogent Engineering (Taylor and Francis)	Ameeq, M., Naz, Sidra , Hassan, M, M. Fatima, L, Shahzadi, R, Kargbo A, Cogent Engineering	2.1
06	Investigating Socioeconomic Disparities of Kangaroo Mother Care on Preterm Infant Health Outcomes DOI:10.1080/0167482X.2023.2299982	Journal of Psychosomatic Obstetrics & Gynecology (Taylor and Francis)	Hassan, M. M., Ameeq, M., Tahir, M. H., Naz, S. , Fatima, L., & Kargbo, A. (2024). Investigating socioeconomic disparities of Kangaroo mother care on preterm infant health outcomes. <i>Journal of Psychosomatic Obstetrics & Gynecology</i> , 45(1), 2299982.	3.2
07	Assessing Socio-Ecological Factors on Caesarean Section and Vaginal Delivery: An Extended Perspective among Women of South-Punjab, Pakistan DOI:10.1080/0167482X.2023.2252983	Journal of Psychosomatic Obstetrics & Gynecology (Taylor and Francis)	Hassan, M. M., Ameeq, M., Fatima, L., Naz, S. , Sikandar, S. M., Kargbo, A., & Abbas, S. (2023). Assessing socio-ecological factors on caesarean section and vaginal delivery: an extended perspective among women of South-	3.2

			Punjab, Pakistan. <i>Journal of Psychosomatic Obstetrics & Gynecology</i> , 44(1), 2252983.	
08	A new Marshall-Olkin lomax distribution with application using failure and insurance data	Statistics https://doi.org/10.1080/02331888.2024.2341792	Ameeq, M., Naz, S., Tahir, M., Muneeb Hassan, M., Jamal, F., Fatima, L., & Shahzadi, R. (2024). A new Marshall-Olkin lomax distribution with application using failure and insurance data. <i>Statistics</i> , 58(2), 450-472.	0.6
09	A novel group acceptance sampling plan for the inverted Nadarajah-Haghighi distributions: An Applications to Quality Control and Reliability	Statistics (Taylor and Francis) Revision Submitted	Muhammad Ameeq; Laraib Fatima; Sidra Naz; Muhammad Muneeb Hassan	1.2
10	Novel efficient estimators of finite population mean in stratified random sampling with application	AIMS Mathematics	Khazan Sher , Muhammad Ameeq, Muhammad Muneeb Hassan , Basem A. Alkhaleel , Sidra Naz and Olyan Albalawi4	1.8
11	Novel Group Acceptance Sampling Plan for Modified Power Exponential Distribution with Application to Quality and Reliability Analysis	Contemporary Mathematics	Naz, S., Ameeq, M., Tahir, M. H., Hassan, M. M., Fatima, L., & Alkhaleel, B. A.	0.6
12	Developing and evaluating efficient estimators for finite population mean in two-phase sampling	AIMS Mathematics	Khazan Sher, Muhammad Ameeq, Sidra Naz, Basem A. Alkhaleel, Muhammad Muneeb Hassan and Olayan Albalawi	1.8

13	What Constitutes Nurses' Social Responsibility (NSR)? A Suggested Framework for Nurses in Developing Countries	Nursing and Health Sciences Revision Submitted		2.1
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PROFESSIONAL EXPERIENCE

Sr. No.	Job Designation BPS (If any)	Name of Organization	Job Description
1	Lecturer Statistics	Visiting Lecturer (The Islamia University of Bahawalpur) 22-10-2014 To 22-5-2023	➤ Served as a Visiting Lecturer at Islamia University of Bahawalpur (IUB) for 8 years, teaching in various departments. ➤ Delivered lectures and conducted academic sessions on subject-specific topics. ➤ Assisted students with research work, particularly in the field of Statistics. ➤ Guided students in research methodology, data analysis, and statistical software applications. ➤ Mentored students in thesis writing, data interpretation, and academic projects. ➤ Provided academic support and supervision to enhance students' analytical and research skills.
2	Statistician and Acting HR Manager	Bahawalpur Medical & Dental Complex (01-06-2023 to Till Date)	➤ Collect daily data for In-Patient Department (IPD), Out-Patient Department (OPD) Surgery (OT), Radiology, Pathology and Blood Bank. ➤ Conduct a weekly review of registers for IPD, OPD, Radiology, Pathology, and Blood Bank. ➤ Prepare weekly reports based on collected data. ➤ Compile and analyze monthly data for reporting purposes. ➤ Conduct a monthly audit of files in the Accounts Office. ➤ Prepare and submit monthly Key Performance Indicator (KPI) and

			Continuous Quality Improvement (CQI) reports for the Punjab Healthcare Commission (PHC). ➤ Develop a Healthcare Establishment Performance Assessment report every six months. ➤ Maintain monthly leave records for all employees. ➤ Prepare and submit monthly attendance reports for all staff. ➤ Assist in the hiring process of new employees, including screening and documentation. ➤ Issue experience certificates to employees upon request. ➤ Publish job advertisements for vacant positions.
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Interests & Personal Information

Interests	• Reading & Writing Research Papers • Teaching the students
Personal Information	Address: Central jail road Gulgasht colony House-No 1-40/B, Street Bahawalpur Date of Birth: 26-04-1992 District: Bahawalpur Marital Status: Married N.I.C No: 31202-1123584-6
Languages	Urdu, English, Punjabi

REFERENCE

- Dr. M Muneeb Hassan (Postdoctoral Fellowships)
Department of Biostatistics Jinan University China

- Dr M Ameer
Senior Lecturer Quaid e Azam Academy for Educational Development, Campus
Muzaffargarh, Punjab Pakistan