

Curriculum vite of

Sajida Parveen

Assistant professor in Mathematics, Sardar Bahadur Khan Women's university, QUETTA
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1.PERSONAL INFORMATIONS

Father's Name : Ghulam Ahmed
Gender : Female
Religion : Islam
Nationality : Pakistani
Domicile : Quetta (Baluchistan)
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2. EDUCATION

Degree	Board / University	MARKS	Division/GPA
P.hD(Maths)	University of Balochistan	Enrolled	
M.Phil(Maths)	SBK Women's university Quetta	826/1000	3.69 CGPA
M.Sc (Maths)	SBK Women's university Quetta	1777/2000	3.89 CGPA
B.ED	ALHAMD Islamic University Quetta	750/1000	1 st
B.Sc	University of Balochistan	494/800	1 st
F.Sc	Balochistan Board	818/1100	1 st
S.Sc	Balochistan Board	672/850	1 st

3. WORKSHOPS

- 4 days' workshop on Active Classroom Teaching by USAID Teacher Education Project with Co-ordination of Sardar Bahadur Khan Women's University, Quetta. (2012)
- Research and Methodology & Skills (11-14 July 2012).
- Advocacy and creation of women's activist group to explore climate changes at SBK Women's university Quetta (Oct 25th -28th,2011)
- Training of promoting peace and tolerance organized by peace society SBK Women's university Quetta, (2022).
- National Faculty Development Program (NAHE-NOP) by HEC held in SBKWU Quetta (20th NOV-13th DEC ,2024)
- Women Empowerment & Mentoring Program(WEMP) held in SBK Women, s university Quetta 20th dec-20th April,2025.

4. EXPERIENCE

1. Worked as a science teacher in Police Grammar High School Quetta.
2. Worked as a Honorary Teacher in FG Girls Public Secondary, Quetta Cantt. (6 months)
3. Worked as a internee in SBK Women's university Quetta. (6 months).
4. Working as a junior teacher in Garrison Academy (APS) Quetta.(3 months)
5. Working as a Lecturer in SBK Women's University Quetta since 2012.
6. Working as assistant professor in SBK Women's university Quetta since ,2018

5. LANGUAGES

1. Urdu
2. English
3. Punjabi

6. RESEARCH INTEREST

Computational Fluid Dynamics.

Supervised Bs students and co supervised M. Phil scholars

BS Project details:

- 1) Fluid Forces reduction on the flow past a square cylinder through passive control method (2017)
- 2) Flow past five cylinders using lattice Boltzmann method (2018)
- 3) Orbital Motion and its applications (2020)
- 4) Fluid Mechanics and its applications (2022)
- 5) Integration techniques (2023)
- 6) Navier stokes equation and its solutions (2024)

7) 7. RESEARCH PAPERS

1. Manzoor, R., Ul Islam, S., Abbasi, W. S., & Parveen, S. (2016). Variation of wake patterns and force coefficients of the flow past square bodies aligned inline. *Journal of Mechanical Science and Technology*, 30(4), 1691–1704.
2. Ul Islam, S., Manzoor, R., Mengal, T., Naeem, A., Parveen, S., & Akbar, R. (2017). Numerical study of drag reduction for flow past a square cylinder through passive control method at various gap spacing. *Journal of Computational and Theoretical Nanoscience*, 14(12), 5872–5881. <https://doi.org/10.1166/jctn.2017.7029>
3. Manzoor, R., Ul Islam, S., Nadeem, N., Perveen, S., & Naeem, T. (Year not specified). Numerical investigations for flow past two square rods in staggered arrangement through Lattice Boltzmann Method. *Annals of Mathematical Physics*, 4(1), 016–027. <https://doi.org/10.17352/amp.000021>
4. Manzoor, R., Ul Islam, S., Khalid, A., Khan, I., Perveen, S., & Panezai, N. (Year not specified). Numerical simulations for flow past five inline square rods at various gap spacing. *Physics of Fluids. (Volume and page numbers needed)*
5. Manzoor, R., Nadeem, N., & Perveen, S. (Year not specified). Numerical study of flow past a triangular cylinder at fixed Reynolds number. *(Journal details needed)*
6. Sheikh, N., Naeem, A., Parveen, S., Rehman, A., Anjum, M., Yasin, M., & Manzoor, R. (2024). Prediction of cardiovascular diseases through machine learning algorithms: A supervised model. *Kurdish Studies*, 12(5), 818–822. <https://doi.org/10.53555/ks.v12i5.3345>
7. Sheikh, N., Parveen, S., Rehman, A., Naeem, A., Anjum, M., Shahid, K., & Yasin, M. (2024).

8.. COMPUTER SKILLS

MS Word, MS Excel, MS PowerPoint, Python programming, Data science using Python, Machine learning using Python. (Course completed from AM,s training Academy).

9.Courses Taught

- 1) Vector Analysis
 - ii) Real Analysis 1 and II (Msc & BS)
 - iii) Classical Mechanics (MSc & BS)
 - iv) Fluid Mechanics (MSC ,BS, M.Phil)
 - v) Calculus III
 - vi) Calculus I
 - vii) Calculus II
 - viii) EMT
 - ix) Physics 1
 - x) Complex Analysis xi) Basic Mathematics I and II xii) Business Mathematics xiii)
- Mathematical
Physics I

10.Departmental duties

- i) Examination co Ordinator (2018-2021)
- ii) BS co-ordinator (2021 -todate)
- iii) Departmental KJM focal Person (2022- todate)
- iv) Member of DAC

11.Workshop

i) MD CAT classes (As a physics instructor). Youth Talent Hunt Workshop held in SBK Women's university in oct,2022

REFERENCES:

Assistant Professor Miss Raheela Manzoor
Chairperson Mathematics Department
SBK Women's University Quetta
Cell #:03363808179

Miss Rahila Akbar
Lecturer Mathematics Department
SBK Women's University Quetta
Cell #:0345-8110413