

CURRICULUM VITAE

Name: Peerzadi Farah Shah

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EDUCATIONAL QUALIFICATIONS

Degree/Certificate	Institution	Year	CGPA/Percentage
M.Sc. Physics	Central University of Kashmir	2020	72.833%
B.Sc.	Central University of Kashmir	2018	72.306%
B.Ed.	University Of Kashmir	2022	75%
12th	Kothi-Bagh Girls Higher Secondary School	2014	64%
10th	The Legends School Of Education	2012	86%

Areas of Interest

- Thermodynamics
- Nuclear physics
- Atomic and molecular physics
- Astrophysics
- Condensed matter
- Optics

- Waves and oscillations
- Applied Mathematics

Work Experience

- **1 Year teaching experience as a TGT science in G.D.Goenka Public School, Srinagar.**
- **8 months teaching experience as a TGT science in Kashmir Harvard educational institution, Naseem bagh Habak.**
- **2 year teaching experience as a PGT Physics in Kendriya Vidyalaya No.2 AFS, Srinagar.**

Project in M.Sc.

Title: Application of BCS theory in Nuclear Systems.

Description: Quantitatively demonstrated the pairing correlations influence nearly all phenomenon in low energy nuclear physics. It has been observed experimental values of binding energy show deviation from theoretical values, which led to the concept of pairing.

Conference attended

- High power coherent radiation generation & its interaction with matter – 2016.
- International conference on nanotechnology for better living – 2016.
- National conference on role of Saha in growth of Physics – 2018.
- International conference on nanotechnology for better living - 2019.
- International conference on nanotechnology for better living – 2021.

Achievements/Awards

Year	Conference	Awards

2016	International conference on nanotechnology for better living	Cash of Rs 1000/- and best paper. Young innovator award
2018	National conference on role of Saha in growth of physics	Certificate of best poster
2021	International conference on nanotechnology for better living	Certificate of appreciation
2021	International conference on nanotechnology for better living	Best service support award

- **Teacher Training courses done frequently that include Phet Simulations etc at PGT level.**
- **Involved in SCHOOL INNOVATION MARATHON (SIM-2024) and earned a project guide certificate.**

Personality

- Dedicated and motivated, known for overall integrity, commitment and perseverance.
- Strong analytical and comprehensive problem-solving skills.
- Effective communication and presentation skills.
- Receptiveness to learn new concepts and ability to coordinate with teams effectively.

Skills

Lab skill: Good in analysing and recording, numeracy, data technical support, equipment knowledge, data and error analysis, making observations, carrying out well defined scientific procedures.

Computer skill: Communication tools, MS - Word, Spreadsheets, PowerPoint, DBMS, HTML, social-media, computer programming(C-Language).

Communication skill: Writing, speaking, presenting, listening, negotiating, team building, providing or excepting feedback, motivation, honesty, empathy.

Languages: English, Urdu, Kashmiri.