

CURRICULUM VITAE

ARPAN SETHI

Permanent Address:

VPO Darbi,
Teh. & Distt. Sirsa
Haryana (India)

Present Address:

H. No. 151 Suncity Enclave,
Badal Road, Bathinda (Punjab)

Mobile : 9050010394

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Personal Data:

Father's Name: Sh. Prithvi Raj
Sethi

Date of Birth: 20 July 1993

Marital status: Married

Spouse's Name: Jasina

Nationality: Indian

Hobbies & Interests:

- Reading Books
- Playing Games
- Acting

Languages Known:

- English
- Hindi
- Punjabi

EDUCATION

- ✓ Pursuing **Ph.D. in Physics** under the supervision of **Dr. Satnam Singh** and Co-Supervision of **Prof. Kulvir Singh (TIET, Patiala)** from **Maharaja Ranjit Singh Punjab Technical University, Bathinda (Punjab)**.
- ✓ **Successfully Completed Ph.D. Course Work** for the session **Jul-Dec. 2019** with **8.43 CGPA** out of **10**.
- ✓ **B.Ed. (Sci.)** from **JCD College of Education Sirsa (CRSU, Jind)** with **63.74% in 2018**.
- ✓ **Master in Physics** from **Punjabi University Patiala** with **67.4% in 2016**.
- ✓ **Bachelor in Science (Non- Medical)** from **Govt. National College Sirsa (CDLU Sirsa)** with **65.4% in 2014**.
- ✓ **Intermediate** from **BSEH** with **79.4% in 2011**.
- ✓ **Matriculation** from **BSEH** with **68.8% in 2009**

EXPERIENCE

- ✓ Worked as an **Assistant Professor** in **JCDM College, Sirsa (Haryana)** from **12.12.2022 to 27.04.2023**.
- ✓ Worked as an **Assistant Professor** in **JCDM College, Sirsa (Haryana)** from **26.09.2018 to 10.05.2019**.
- ✓ **5 years'** experience of teaching of **9th-12th** class as a **Physics lecture** at different institutes in Sirsa.

SHORT DURATION COURSES AND FACULTY DEVELOPMENT PROGRAMM

- ✓ An online Course on **Solid State Physics** has been completed from **NPTEL (IIT, Kharagpur)** with **ELITE** certificate.
- ✓ An online Course on **Quantum Mechanics-I** has been completed from **NPTEL (IIT, Bombay)**.
- ✓ Participated & completed successfully **AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Novel Materials and their Applications" from 2021-07-19 to 2021-07-23 at Maharaja Ranjit Singh Punjab Technical University, Bathinda.**

RESEARCH WORK

- ✓ Presented a paper titled **"Eco-friendly and futuristic cooling technology based on electrocaloric phenomenon: A review"**, in One Day National conference on **ACHMEES-2023** jointly organized by **JCDM College and JCD IBM, Sirsa** on dated **28th February, 2023**
- ✓ Present a research paper entitled **Electrocaloric Effect: Theory, Measurement methods and application** in National Seminar on **ENEHCST-2020** held at **JCDM College, Sirsa (Hry.)**
- ✓ Presented paper titled as **"Present scenario and challenges of electrocaloric phenomenon in lead free material BaTiO₃"**, in One Day National Seminar on **"Innovation in Sciences, Humanities and Commerce (ISHEC-2021)"** organized by **Jan Nayak Ch. Devi Lal Memorial College, Sirsa** on dated **10th December, 2021**.
- ✓ Presented paper titled **"Effect of vanadium on physical and structural properties of BaTi_{1-x}V_xO_{3±δ} (x=0.000,0.025,0.050) systems"** in two days **International Conference on (Frontier in Physics, Materials Science and Nanotechnology) FPMSN-2022** held on **March 25-26, 2022**.
- ✓ Attended 4 Days E-International Symposium on **"Synthesis and Characterization of Smart Materials and Their Potential Applications ISSCSMPA-2020"** organized by University School of Basic and Applied Sciences, **Guru Gobind Singh Indraprastha University, New Delhi** on dated **14-17 June, 2020** using **CISCO WebEx Platform**.
- ✓ Attended One Day Webinar on **"Mixed Perovskite Solid Solutions for Multiferroic and Multicaloric Properties & Behavior of Negative Dielectric Perovskite Systems"** organized by **Physics Club, Thakur PG College of Education, Dhaliara (Himachal Pradesh)** on dated **28.06.2020**.

EXTRACURRICULAR ACTIVITIES

- ✓ Secured **1st** Position in **Inter-College** Table Tennis Championship.
- ✓ **Participation** in **Inter-University** Table Tennis Championship.
- ✓ **“C”-1(One) Grade Sportsman** in **Table Tennis** declared by **Department of Sports and Youth Affairs Haryana**
- ✓ Secured **COMMENDED** Position for **One Act Play** in **Youth Festival**.

DECLARATION

I hereby declare that the above statement is true and correct to the best of my knowledge and belief.

(ARPAN SETHI)