

Curriculum Vitae

TARANJOT KAUR BHAMBRA

Address: 412-C, Phae-2, Urban Estate,
Patiala, Punjab, Pin code- 147002
Phone no: +919815383972
Email I.D: osahan.taran@gmail.com



PERSONAL DETAILS

Date of Birth: 11/10/1987
Father's Name: S. Tarwinder Singh
Mother's Name: Mrs. Harwant Kaur
Gender: Female
Marital Status: Married
Nationality: Indian
Languages Known: English, Hindi and Punjabi

Qualification

Class	Subjects	School/College/ University	Year of passing	% age
10th	Maths, Eng, Pun, S.St, Sci, Hindi.	Senior National High School Krishna Nagar Ludhiana	2002	78.77%
12th	Physics, Maths, Chemistry, English,Punjabi	Govt. Girls Sr. Sec. School Bharat Ngr Chownk Ldh	2004	60.4%
B.Sc.	Physics, Chemistry, Maths, Gen.Eng, Gen.Punjabi	Khalsa College For Women Civil lines Ldh	2007	54.8%
M.Sc. Physics	Quantum, Condensed Matter, electronics, Electrodynamics, Radiation, Reactor, Nuclear, Classical, mathematical, Computational, Atomic and molecular theory, statistical, particle physics	Khalsa college Amritsar	2009	65.9%
M.Tech.	Nanotechnology	SGGSWU Fatehgarh Sahib	2013	8.56 CGPA
Ph.D.	Physics(Radiation Physics)	SGGSWU, Fatehgarh Sahib	2014-2017	Pursuing

Teaching Experience :

- 1) One year teaching experience in Baba Banda Singh Bahadur Global Polytechnic College Indergarh , Moga.
- 2) One year teaching at Alpine International School, Ludhiana.

Seminars :

- 1) National level seminar on Science, Environment & Health held in Khalsa College Amritsar.
- 2) National Seminar and Exhibition on Applications of Radioisotopes and Radiation Technology organized by Guru Nanak Dev University Amritsar.
- 3) 23rd Annual General Meeting Materials Research Society of India held at Thapar University Patiala.
- 4) Oral presentation at NPC-01 conference held at Khalsa College Patiala.
- 5) Poster presentation in international conference held at Sri Gurru Granth Sahib World University Fatehgarh sahib.

Thesis Topic:

M.Tech. Thesis

Controlled Aggregation of Silver Nanoparticles induced by Vitamin B₈ by using green synthesis route.

Ph.D. Thesis Topic

“Study of Gamma Rays Shielding parameters for Zn-Cd-Sn-Pb Alloy Systems.” Under the supervision of Dr. Tejbir Singh (HOD, Physics) and Dr. Jeewan Sharma (AP, Nanotechnology).

TECHNICAL/ ANALYTICAL SKILLS

Knows how to operate UV-Visible spectrophotometer, GAMMARAD5 Scintillation Counter.

Having knowledge of Microsoft Office and Origin

ACHIEVEMENTS

1. Won Second prize in General Knowledge Quiz competition held in SGGSW University.
2. Stood Third in class during M.Tech.

Papers Published

“Energy Dependence of Saturation Depth for Backscattered Photons from Nickel Target” Renu Sharma, Taranjot Kaur, Jeewan Sharma, J.K. Sharma, Tejbir Singh in NSRP-20 proceeding.

AREA OF INTEREST

In Radiation Physics and Nanotechnology

STRENGTHS

Team Work
Hard working
Confident
Ability to work on multiple tasks at a time
Excellent attendance record
Punctual
Honesty
Positive Attitude
Good speaking and writing skills in English

REFERENCES

Dr. TEJBIR SINGH

Associate Professor, Department of Physics
Sri Guru Granth Sahib World University
Fatehgarh Sahib, Punjab, India
Phone : 08872900424
E-mail: dr.tejbir@gmail.com

Dr. JEEWAN SHARMA

Assistant Professor, Department of Nanotechnology
Sri Guru Granth Sahib World University
Fatehgarh Sahib, Punjab, India
Phone : 9988057995
E-mail: jeewansharma29@gmail.com