

## BIO-DATA



1. **Name** : Dr. Karamjit Singh
2. **Father's Name** : S Major Singh
3. **Designation** : Assistant Professor
4. **Department** : Physics
5. **Date of Birth** : 24.07.1979
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Punjabi University, Patiala-147 002  
Punjab (India)
- Mobile** : + 91 94640 77434
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7. **Academic Qualifications** : M.Sc., Ph.D.
8. **Areas of Specialization** : Nanotechnology, Materials Science,  
Laser Spectroscopy, Atmospheric  
Physics
9. **Experience:**  

**Teaching Experience: 15 years 1 months**

**Research Experience: 19 years**
10. **Medals/Awards/Honours/Received**
  - i) Young Scientist Award (2008) by Punjab Academy of Sciences
11. **Scholarships:**
  - i) UGC Research Fellowship in Sciences for Meritorious Students

## 12. Published Work

a.	Research Papers	i) National Journals	:	06
		ii) International Journals	:	70
b.	Conference/Seminar/Symposia			
		i) Full manuscripts	:	07
		ii) Abstracts	:	86
c.	Books		:	03
d.	Book Chapters		:	03
e.	Popular science articles in Punjabi language in magazines/newspapers		:	11

## 13. R & D Projects

### Completed Projects:

UGC, New Delhi funded projects : 02

DST, New Delhi funded projects : 01

### Ongoing Projects:

ISRO, Bengaluru funded project : 01

*(Cost of Ongoing Project Rs. 50  
lacs)*

## 14. Invited Talks

Invited talks/lectures delivered : 20

Radio Interviews/talks : 08

TV Interviews : 06

## 15. Research Guidance:

Ph.D. students guided/under guidance : 11

M.Phil. students guided : 01

PG students dissertation guided : 41

#### **16. Research Collaborations:**

- Space Physics Laboratory, Vikram Sarabhai Space Centre, Indian Space Research Organization (ISRO), Thiruvananthapuram
- Terminal Ballistics Research Laboratory (TBRL), DRDO, Chandigarh.
- National Remote Sensing Centre, Indian Space Research Organization (ISRO), Balanagar, Hyderabad.
- Department of Chemistry, Punjabi University, Patiala.

#### **17. Membership of Professional Bodies/Organizations**

- i) Life Member, Punjab Academy of Sciences
- ii) Life Member, Indian Society for Radiation Physics
- iii) Life Member, Indian Association of Nanoscience & Nanotechnology
- iv) Life Member, Indian Society of Remote Sensing
- v) Secretary, Raman International Optronics Society (RIOS)
- vi) Member, International Association of Engineers (IAENG), Hong Kong
- vii) Member, Advisory Committee, Mai Bhago College of Education, Ralla, Mansa (India)
- viii) Editorial Member, *Advances in Materials*, Published by Science Publishing Group, New York, NY, USA
- ix) Editorial Board Member, *Vigyan De Nakash*, Published by Punjabi University, Patiala, Punjab, India
- x) VC nominated Member PG Board of Studies (Physics), Mata Gujjri College, Fatehgarh Sahib, Punjab, India
- xi) Coordinator, IIRS-ISRO Outreach Network, Department of Physics, Punjabi University, Patiala, Punjab, India
- xii) Advisory Committee Member, Department of Development of Punjabi Language, Punjabi University, Patiala, Punjab, India
- xiii) Former Member PG Board of Studies (Physics), Punjabi University, Patiala, Punjab, India
- xiv) Former Editorial Member *Nanosciences and Nanotechnologies : An International Journal (NIJ)*, Published by CSC Journals, Kuala Lumpur, Malaysia.
- xv) Reviewer of numerous research journals.

**(Dr. Karamjit Singh)**