

BIO-DATA

1. **Name** : Darshan Singh
2. **Designation** : Reader
3. **Department** : Physics
4. **Date of Birth** : 14-09-1953
5. **Address for correspondence** : 4093, Urban Estate,
Phase-II, Patiala



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6. **Areas of Specialisation** : 1. Ionospheric dynamics
2. **Planetary Boundary Layer**

7. **Academic Qualifications :**

S. No.	Degree Held	Year	Board/Univ./ Inst.	% of marks	Div./ Rank	Subjects taken
1	B.Sc.	1975	P.U. , Chandigarh	56%	Second	Physics, Chemistry, Math.
2	M.Sc.	1977	P.U. Patiala	65.4%	First	Physics
3	Ph.D.	1993	P.U. Patiala	-	-	Space Physics

4	Post M.Sc. Diploma in Space Science	1978	P.U. Patiala	65%	First	Space Physics
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8. Membership of Professional Bodies/Organisations:

- i) Life Member, Punjab Academy of Sciences
- ii) Life Member, Indian Society for Radiation Physics

9. Medals/Awards/Honours/Received Nil

10. Scholarships: Nil

11. Details of Experience:

S. No.	Name of the Inst./Employer	Position held	Duration	Major job responsibilities and Nature of experience
1	P.U. Patiala	Observer	4 yr 10m	Teaching & Research
2	P.U. Patiala	Lecturer	11y 10m	Teaching & Research
3	P.U. Patiala	Reader	since '96	Teaching & Research

12. Published Work (Please specify numbers only)

- a. Research Papers
 - i) National= 19
 - ii) International= Nil

- b. Conference/Seminar/Presentation 45
- c. Books Nil

13. R & D Projects One

14. Invited Talks/Articles Nil

15. Ph.D. students guided/under guidance (Details) Nil

16. M.Phil./M.Tech. students guided:

S. No.	Name of the student	Title of thesis	Year of completion
1	Rupinder Kaur	Study of PBL at Patiala with echosonde	2004

17. List of papers/courses taught at P.G. and U.G. level

S. No.	Paper	Class
1	Electronics	M.Sc.
2	Classical & Celestial Mechanics	M.Sc.

3	Radio science Technique	M.Sc.
4	Plasma Physics	M.Sc.
5	Aeronomy	M.Sc.
6	Remote Sensing	M.Sc.

18. Technical Proficiency

Designed and developed a solid state receiving system for the study of ionospheric drifts. Worked on the development of an acoustic ecosounde used for the study of planetary boundary laye. A low frequency receiver was made operational to receive radfio Tashkant and useful for ionospheric D-regions studies.

1. List of papers published

Dated: 9/4/04

Sd/-
Darshan Singh