

## BIO-DATA

1. **Name** : Randhir Bahri
2. **Designation** : Professor
3. **Department** : Physics
4. **Date of Birth** : 26.10.1950
5. **Address for correspondence** : Physics Department,  
Punjabi University, patiala.

**Phones** : 2286306

**E-mail** : Randhir Bahri@yahoo.com

6. **Areas of Specialisation** : Material Science, Electronics & Communications,  
Television Engineering

7. **Academic Qualifications :**

S. No.	Degree Held	Year	Board/Univ./ Inst.	% of marks	Div./ Rank	Subjects taken
1	B.Sc. (Hons. )	1970	P.U.Patiala	63.05%	First	Physics, Math.
2	M.Sc.	1972	P.U. Patiala	62.4%	First	Physics
3	Post M.Sc. Dip. in Electronics & TV Engg.	1973	P.U. Patiala	65%	First	Electrobnics, Communications, TV Engg.
4	Dip. in French	1973	P.U. Patiala	70.7%	First	French
4	Ph.D.	1983	P.U. Patiala			Physics

8. **Membership of Professional Bodies/Organisations**

- i) Member, Indian Society of Radiation Physics



14. Invited Talks/Articles Nil

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

16. M.Phil./M.Tech. students guided: 04

S. No.	Name of the student	Title of thesis	Year of completion
1	Rattan Kumar	Effect of I <sub>2</sub> doping on photoconductivity of TV thin films	1980
2	Mamta Chdha	Electrical properties of PTFE film	1989
3	Raj Kumar	DC Electric conduction and dielectric properties of PC film	1990
4	Vijay Garg	Photoconductivity of PVC and PS thin films	2004
5			

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

S. No.	Paper	Class

18. Technical Proficiency

Worked as an Electronics engg. with a TV manufacturing concern in Ludhiana before joining the university. Remained incharge of Post M.Sc./B.E. diploma course in Electronic and TV engg. from 1982-89. Worked as Technical consultant for Prime devices, manufacturers of scientific

instruments, N. Delhi. Established Physics Laboratory, semicondction device laboratory and electrical science and electronic laboratory for University College of Engineering.

**19. List of papers published**

*List of papers taught by Dr. R. Bahri*

<b>S.No.</b>	<b>Paper</b>	<b>Class</b>
1	Network Analysis and transmission lines	Post M.Sc./B.E./Diploma in Electronics and TV Engg.
2	IC fabrication technology and trnasisotr circuit analysis	-do-
3	EM waves and antenna	-do-
4	Television electronics-I	-do-
5	Communication Theory	-do-
6	Television Electronics-II	-do-
7	Microprocessor and application	-do-
8	Television Electronics-III	-do-
9	Electronics Communication System	-do-
10	Eelctronic components and measurements	Post B.Sc. diploma in maintenance and servicing of electronic instrumetns
11	Basic electronics and transistor receivers	-do-
12	Medical instruments and digital electronics	-do-
13	Elements of electronics and measuring instruments	-do-
14	Radio communication and television	-do-
15	Electronic instrumentation, testing, maintenance and servicing	-do-
16	Basic electronics	M.Sc. chemistry

17	Analog Eelctronics	B.Tech. Computer Sciences & Engg.
18	Digital Electronic	-do-
19	Electronic instrumentation	-do-
20	Electronics	M.Sc. Physics
21	Electronics	M.Sc. Applied Physics
22	Remote Sesing Fundamentals	M.Sc. Astronomy & Space Science
23	Radio Science Techniques	-do-
24	Microwave & Electronic commnication	M.Sc. Applied Physics
25	Material Science	-do-
26	Techniques in Experimental Physics	-do-
27	Semiconductor devices	B.Tech. Electronics & Communication

**sd/-**

Randhir Bahri