

## Bio-Data



1. Name: Dr. Sarbjit Rala
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6. Date of Birth: 30/12/1980
7. Specialization: Physical Chemistry
8. Electrochemistry
9. Academic Qualification

Examination	Main Subjects/ Topic	Name of Board/University	Year of Passing	Total Marks obtained	Total Marks	% of marks
Metric	Mathematics, Science, S.S., Hindi, English, Punjabi,	P.S.E.B Mohali	March 1995	363	650	55.8
10+2 ( Medical)	Chemistry, Physics, Biology, English, Punjabi	P.S.E.B Mohali	Sept. 1998	234	450	52.0
B.Sc. (Medical)	Chemistry, Zoology, Botany, English, Punjabi	G.N.D.U. Amritsar	April 2001	1310	2400	54.5
M.Sc. (Chemistry)	Analytical chemistry, physical chemistry, organic chemistry, inorganic chemistry, computers, Environmental chemistry X-Ray diffraction	Punjabi University, Patiala, Punjab, India	April 2004	523	800	65.3
Ph.D.	Direct Electrochemical Synthesis of Antimony Compounds	Punjabi University, Patiala, Punjab, India	Awarded 28 <sup>th</sup> Dec. 2009	N.A.	N.A.	N.A.

#### 10. TEACHING EXPERIENCE/TRAINING:

Name of Institution	Designation	From	To	Years	Months	Teaching experience With under-graduate classes	Teaching experience with post-graduate classes
S.S.M. College Dinanagar, Gurdaspur	Lecturer	4 <sup>th</sup> Aug. 2004	28 <sup>th</sup> Feb 2005	0	7	Graduation	-
Punjabi University, Patiala	Research Scholar	Aug. 2006	March 2008	1	10	N.A.	M.Sc. practical classes
Lovely Professional University Phagwara	Assistant Professor	21 July 2008	11 July 2013	4	11	N.A.	M.Sc. theory, practicals
Mata Sundri University Girls College Mansa	Assistant Professor	12 July 2013	Till date			B.Sc.I,II,II Theory & Practical	-

#### List of Publications

- (1) Sarbjit Rala\*, J.S. Banait and Baljit Singh . Electrochemical Reactions at Sacrificial Electrodes: Part-XIX: Synthesis of Antimony(III) Alkoxides *J. Indian Chem. Soc.*, Vol. 84, 2007, 135.
- (2) Sarbjit Rala\*, J.S. Banait and Baljit Singh. Electrochemical Reactions at Sacrificial Electrodes: Part-XX: Synthesis of Coordination Compounds of Antimony(III) Alkoxides. *J. Indian Chem. Soc.*, Vol. 84, 2007, 25.
- (3) Sarbjit Rala\*, J.S. Banait and Baljit Singh, Electrochemical Reactions at Sacrificial Electrodes: Part-XXIII: Synthesis of Antimony(III) chelates and their coordination compounds. *J. Indian Chem. Soc.*, Vol. 87, 2009, 115.
- (4) Sarbjit Rala\*, J.S. Banait and Baljit Singh, Electrochemical Reactions at Sacrificial Electrodes:Part-XXIV: Synthesis of Antimony(III) phenolates and their coordination compounds. (Communicated).

- (5) Sarbjit Rala\*, J.S. Banait and Baljit Singh \*, Electrochemical Reactions at Sacrificial Electrodes: Part-XXV: Synthesis of Antimony(III) thiolate and their coordination compounds. (Communicated)
- (6) Sarbjit Rala\*, J.S. Banait and Baljit Singh, Electrochemical Reactions at Sacrificial Electrodes: Part-XXVI Synthesis of Antimony(III)glycolates and their coordination compounds. (Communicated).

#### **Conferences attended**

- (1) National Seminar on Recent trends in Synthetic and Polymer Chemistry by UGC at H.P. University, Shimla in March 23-24 (2007).
- (2) National Symposium on Green chemistry at SLIET Longowal, Punjab, March 27-28, (2007).
- (3) National Symposium on Emerging Trends in Chemistry. Punjabi University, Patiala, 15-16 Feb. 2010
- (4) National conference on Recent Advances in chemical and Environmental Sciences, Multani Modi College , Patiala, Punjab. 28 Feb-1March, 2011.
- (5) National Seminar on Recent Advances in Chemistry and their Impact on Environment. Punjabi University, Patiala, 15-16 Feb. 2011.

### Course Taught

Course Code	Course Title	Level UG/PG
CHE507	Physical Chemistry-I	PG
CHE603	Quantum Mechanics	PG
CHE663	Physical Chemistry for Honors	PG
CHE664	Thermodynamics	PG
CHE618	Advanced Physical Chemistry	PG
CHE619	Advanced Physical chemistry Lab	PG
CHE504	Physical Chemistry Lab	PG
CHE554	Physical chemistry lab for Honors	PG
CHE535	Advanced Physical chemistry	M.Phil
CHE011	Basic Concept of Chemistry	UG

Date:  
Place:

Dr. Sarbjit Rala