

Dr. Kanchan Bala

Mahanatan Street
Jawarkhe Road, Mansa-151505
Punjab(India)

Email: kanchan_2986@yahoo.com
Mobile: +91 8437496110, 9780065660

OBJECTIVE:

To acquire a challenging position in Teaching and Research where I can best utilize my skills and Education.

PERSONAL INFORMATION:

Father's name: Sh. Net Ram
Mother's name: Sheela Devi
Date of Birth: 29th July 1986
Nationality: Indian
Marital Status: Single

ACADEMIC QUALIFICATION:

Ph.D (Doctor of Philosophy) Session – 2014

Institute: Punjabi University, Patiala

Specialization: Physical Chemistry

Major: Electrochemistry

Thesis Title: "Direct electrochemical synthesis of new compounds at sacrificial cadmium and aluminium anode"

Degree Awarded

M. Phil (Master of Philosophy) Session – 2009

Institute: Punjabi University, Patiala

Specialization: Physical Chemistry

Major: Electrochemistry

Thesis Title: "Direct electrochemical synthesis of cadmium compounds"

Marks: A Grade

M.Sc (Master of Science) Session – 2008

Institute: Punjabi University, Patiala

Specialization: Physical Chemistry

Marks: 1577/2000 = 78.75%

B. Sc (Bachelor of Science) Non Medical

Session – 2006

Institute: Panjab University, Chandigarh

Subjects: Chemistry, Physics, Maths, Punjabi, English

Marks: 1545/2000 = 77.25%

10+2 (Senior Secondary) Non Medical

Session – 2003

Institute: Punjab School Education Board

Subjects: Chemistry, Physics, Maths, Punjabi, English

Marks: 307/450 = 68.22%

10th (Matriculation)

Session – 2001

Institute: Punjab School Education Board

Subjects: English, Punjabi, Hindi, Maths, Science, Social Studies,

Marks: 533/650 = 82%

CSIR-UGC- NET (National Eligibility Test for Lectureship) in Chemistry Qualified in December 2012

GATE in Chemistry Qualified in January 2013

AWARDS/ RECOGNITION:

- 2nd in B. Sc in College
- Topper in Physical Specialization Chemistry in M.Sc (2008)
- Student Project Proposal accepted by PSCST (Punjab State Council for Science and Technology) during M. Phil
- Best Paper Awarded in National Conference “5th National Seminar on New Frontiers in Chemistry (NFIC- 2013)”, February 15-16, 2013, held at Department of Chemistry, Punjabi University, Patiala.
- Worked as a UGC- Research Fellow in UGC Funded Major Research Project. (2011-2015)

RESEARCH PUBLICATIONS:

- Baljit Singh and **Kanchan Bala**, “Electrochemical Reactions at sacrificial electrodes: Direct Electrochemical synthesis of Cadmium (II) alkoxides and their coordination compounds”, *J.Indian Chem. Soc.*, 88, 2011,271-273.
- Baljit Singh, **Kanchan Bala**, Gurpreet Kaur and Simrat Singh, “Electrochemical Reactions at sacrificial electrode: Direct Electrochemical synthesis of Cadmium (II) thiolates and their coordination compounds”, *Chem. Sci. Trans.*,2(1), 2013, 222-226.
- Baljit Singh, **Kanchan Bala**, Kishanpal Singh and Sukhveer Singh, “Electrochemical Reactions at sacrificial electrode: Electrochemical Synthesis of Aluminium(III) alkoxides and their coordination Compounds”, *Journal of Advances in Chemistry.*, 5(1),2013, 592-597.
- Baljit Singh, **Kanchan Bala**, Sukhveer Singh and Kishanpal Singh, “Direct Electrochemical Synthesis of Aluminium (III) thiolates and their coordination Compounds”, *Chem. Sci. Trans.*,2(4), 2013, 1312-1317.

- Baljit Singh, Shavina and **Kanchan Bala** “Direct Electrochemical Synthesis of Bismuth(III) carboxylates and their coordination Compounds”, *Chem. Sci. Rev. Lett.* 3(11), 2014, 224-230.
- **Kanchan Bala** and Baljit Singh “Electrochemical Synthesis of cadmium (II) carboxylate compounds at sacrificial cadmium anode”, *Asian Journal of Chemistry*, 88(11), 2016.
- **Kanchan Bala** and Baljit Singh “Electrochemical Synthesis and characterization of cadmium (II) glycolates”, *World journal of pharmacy and pharmaceutical sciences*, 5(9), 2016.

CONFERENCES ATTENDED:

- Attended, “National Seminar on Recent Trends in Chemistry (NSRTC- 2009)”, January 21-22, 2009 held at Department of Chemistry, Punjabi University, Patiala.
- Paper presented in, “National Symposium on Emerging Trends in Chemistry (NSETC- 2010)”, February 15-16, 2010 held at Department of Chemistry, Punjabi University, Patiala.
- Paper presented in, “National Seminar on Recent Advances in Chemistry and their impact on Environment (NSRACE- 2011)”, February 15-16, 2011 held at Department of Chemistry, Punjabi University, Patiala.
- Paper presented in, “Chemistry: An Inter Disciplinary Science (NSCIDS- 2012)”, February 15-16, 2012 held at Department of Chemistry, Punjabi University, Patiala.
- Paper presented in, “5th National Seminar on New Frontiers in Chemistry (NFIC- 2013)”, February 15-16, 2013, held at Department of Chemistry, Punjabi University, Patiala.
- Paper presented in “New Paradigm in Chemical Sciences (NPICS- 2014)”, February 13 2014 held at Department of Chemistry, Punjabi University, Patiala.

LANGUAGES KNOWN: English, Punjabi, Hindi

SUBJECTS STUDIED in M.Sc: Organic Chemistry, Physical Chemistry, Environmental Chemistry and Inorganic Chemistry.