CURRICULUM VITAE

Dr. Prashant Tevatia

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Education

Ph. D. (2011-2015) : Thesis title- "Studies of Macrocyclic Complexes of Transition Metals and Their Catalytic Applications" from Gurukula Kangri Vishwavidyalaya, Haridwar, INDIA

M. Sc. (2001-2003) : Chemistry
Ch. Charan Singh University, Meerut, INDIA

B. Sc. (1996-1999) : Chemistry, Zoology, Botany
Ch. Charan Singh University, Meerut, INDIA

Teaching Experience (17 years)

1. Working as Assistant Professor in Department of Chemistry, Gurukula Kangri (Deemed to be University), Haridwar since October 2008.

2. Worked as Lecturer on Leave vacancy in Department of Chemistry, S.G.(PG) College, Sarurpur, Meerut from 2006-2008.

3. Besides working as Junior Research Fellow at Department of Chemistry, Ch. Charan Singh University, Meerut, I was also engaged in teaching M.Sc. Chemistry, M.Sc. Biochemistry and M.Sc. Polymer Science and Technology from 2004-2005.

4. Worked as Junior Research Fellow in the guidance of Dr. R .K. Soni at Department of Chemistry, Ch. Charan Singh University, Meerut in the field of 'Development of Polyaramids'.

Professional Skills

Instruments Handled:

UV-Vis Spectrophotometer, FTIR (Shimadzu 8400S), Electroanalytical station (Metrohm Autolab 40701), Potentiostat (EG & G model 362), pH-meter, conductivity meter, flame photometer, photofluoremeter, nephelometery-turbiditimetery, ultrasonic interferometer etc.

Prizes/Awards

Recipient of Junior Research Fellowship in CSIR-UGC NET Exam. June 2003 funded by UGC.

Academic Activities

Courses taught

Organic chemistry, Physical Chemistry and Inorganic Chemistry to UG students and Organic Reactions and Reagents, Pericyclic Reactions, Photochemistry, Macromolecules, UV-VIS spectroscopy, IR spectroscopy, NMR spectroscopy, TGA, DTA, AAS, ICP, Fats and Oils, Essential oils to PG students.

M.Sc. Project Work Guidance

Guided over 60 students.

Research Papers

1. **Synthesis, Characterization, Electrochemical and Antimicrobial Studies of Iron(II) and Nickel(II) Macrocyclic Complexes,** Vinod Kumar Vashistha, Anuj Kumar, Prashant Tevatia and Deepak Kumar Das, **Russian Journal of Electrochemistry,** Vol. 57(4), 348–356, (2021). **Impact Factor 1.086**

2. **Adsorption Studies of Lead and Crystal Violet onto Modified Activated Carbon**, Alka Harit, Suhas, Prashant Tevatia and Randhir Singh, **Journal of Energy Research and Environmental Technology (JERET),** Vol. 4(3), 229-233, (2017).

3. **Electrochemical studies of DNA interaction and antimicrobial activities of Mn^{II}, Fe^{III}, Co^{II} and Ni^{II} Schiff base tetraazamacrocyclic complexes,** Anuj Kumar, Vinod Kumar Vashistha, Prashant Tevatia, and Randhir Singh,**Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy,** 176, 123–133, (2017). **Impact Factor 2.653**

4. **Voltammetric Determination of Molecular Modeling Parameters for Pentaazamacrocyclic Complexes of Mn(II) and Co(II),** Anuj Kumar, Vinod Kumar Vashistha, Prashant Tevatia and Randhir Singh, **Anal. Bioanal. Electrochem**., Vol. 8, No. 7, 848-861, (2016). **Impact Factor 0.67**

5. **Antimicrobial studies of tetraazamacrocyclic complexes of Fe(III) and Co(II),** Anuj Kumar, Vinod Kumar Vashistha, Prashant Tevatia, Sweety and Randhir Singh, **Der Pharma Chemica**., 8, 146-151, (2016). **Impact Factor 0.66**

6. **Electrochemical and Thermal studies of dipyridomacrocyclic complexes of Fe(III) and Ni(II),** Sweety, Anuj Kumar, Prashant Tevatia and Randhir Singh, **Der Pharma Chemica**, 8(14), 133, (2016). **Impact Factor 0.66**

7. **Antimicrobial and electrochemical studies of Schiff base Mn(II) and Ni(II),** Sweety, Anuj Kumar, Prashant Tevatia and Randhir Singh, **J. Chem. and Pharma. Research** (JCPR), 8(3), 444, (2016). **Impact Factor 0.66**

8. **Synthesis, Spectral, Electrochemical and Antibacterial Studies of Tetraaza Macrocyclic Complexes of Mn(II) and Co(II),** Anuj Kumar, Prashant Tevatia, Sweety and Randhir Singh, **Int. J. of Pharma. Chem. (IJPC),** 05 (04), 149, (2015). **Impact Factor 0.498**

9. **Synthesis, Electrochemical and Antimicrobial Studies of Tetraaza Macrocyclic Complexes of Cobalt (II),** Prashant Tevatia, Anuj Kumar, Sweety and Randhir Singh, **J. of Basic and Applied Eng. Research** (JBAER), Vol. 2, 11, 924, (2015).

10. **Cyclic voltammetric and antimicrobial studies of Co(II) and Fe(III) dibenzotetrazaanulene[12] complexes,** Prashant Tevatia, Anuj Kumar, Sweety and Randhir Singh,**Int. J. Rehbilitaion. and Conservation**, 2, 28, (2015).

11. **Studies of Synthetic Macrocyclic Complexes of Co(II) and Mn(II) in the Catalytic Oxidation of Hydroquinones,** Prashant Tevatia, Sweety, Anuj Kumar and Randhir Singh, **IOSR Journal of Applied Chemistry** (IOSR-JAC), Vol. 7, 9 (I), 51, (2014).

Conferences attended:

1. Attended "International Conference on Nanoscience and Nanotechnology", ICNN-2011, held at Coimbatore Institute of Technology on 6-8 July 2011.
2. Attended "National Conference on Recent Development in Chemistry and Chemical Education", held at HNB Garhwal University, Srinagar on 16-17 December 2011.
3. Presented poster entitled, "Electrochemical and Antimicrobial Studies of Fe(III) Tetraazamacrocyclic Complex" in "3rd Indo-Italian Workshop on Electrochemistry for Energy and Health (IIWEc-2015)", held at University of Delhi, Delhi on 3-4 July 2015.
4. Presented paper entitled, "Electrochemical studies of Ni(II)HMTAA and Cu(II)HMTAA macrocyclic complexes." in National Conference on Green Chemistry for Sustainable Future, held at Ch. Chhotu Ram College, Muzaffarnagar on 25 February 2017.
5. Presented paper entitled, "Synthesis and cyclic voltammetric studies of dibenzo tetraaza macrocyclic complexes of Mn (II)" in 2nd National Conference on 'Emerging Trends and Future Challenges in Chemical Sciences' (ETFC-2020) held at Kirori Mal College, University of Delhi, Delhi on 10-11 January, 2020.
6. Attended National Webinar, "Relevance of Veda, Science & Technology in COVID-19" (Two Days Internet-based National Conference-2020), held at Gurukula Kangri (Deemed University), Haridwar on 30-31 July 2020.
7. Delivered a lecture on, "Macrocycles for Energy by Fuel Cell" as Resource person in National Conference on Replacement of Petrochemicals by Bio-based Chemicals for Safe Environment, held at Ch. Chhotu Ram (PG) College, Muzaffarnagar on 18 Feb. 2020.
8. Attended International Webinar, "New Horizons in Chemical Sciences & Technology" held at Ch. Chhotu Ram (PG) College, Muzaffarnagar on 29 September 2020.
9. Attended National Webinar, "Bi-functional Electrocatalysts for Rechargeable Zinc-Air Batteries" held at RPS Degree College, Balana, Mahendergarh, Haryana on 13 October 2020.

Language skills:

1. Hindi
2. English