

CURRICULUM VITAE

Dr. Manoj Kumar Sahani

M.Sc. (Chemistry) Ph.D.
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Present Position

Working as Assistant Professor (Chemistry) in Department of Applied Science & Engineering, Gorakhpur since September 2015.

Academic Profile

Ph.D. from Department Of Chemistry, D.D.U. Gorakhpur University, Gorakhpur in Year **2015**.

Ph.D. Title: “*Studies on some organic derivatives of oxovanadium(IV)*”

Area of Specialization: Organometallic Compounds and Macrocyclic Compounds

Educational Qualifications

Exam Passed	Subject	University/ Board	Year
Ph.D.	Chemistry	D.D.U. Gorakhpur University Gorakhpur	2015
M.Sc.	Chemistry	D.D.U. Gorakhpur University Gorakhpur	2010
B.Sc.	Chemistry, Botany, Zoology	D.D.U. Gorakhpur University Gorakhpur	2008

Research Publications

SCI	Conference/ Workshop
9	7

Details of Work Experience

S. No.	Organization	Designation	Work Profile	Duration
1.	IIT Roorkee	Project Assistant-II	Research	2013-2014
2.	KIPMCET, Gorakhpur	Assistant Professor	Teaching	Sep.2015 to till date

Fellowship & Award

1. UGC-JRF (2010-2013)
2. Awarded “First prize” in objective test competition organized by Botanical Association for the session 2006-2007, D.D.U. Gorakhpur University, Gorakhpur.

Professional Membership

1. Life member of Indian Science Congress Association, Kolkata(L17735)

Research Publications

Articles Published in International Journals

1. Synthesis, spectral characterization and antimicrobial studies of nano-sized oxovanadium(IV) complexes with Schiff bases derived from 5-(phenyl/substitutedphenyl)-2-hydrazino-1,3,4-thiadiazole and indoline-2,3-dione

M.K. Sahani, U. Yadava, O.P. Pandey, S.K. Sengupta

Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 125 (2014) 189–194.

2. A series of novel oxovanadium(IV) complexes: Synthesis, spectral characterization and antimicrobial study

M. K. Sahani, U. Yadava, O. P. Pandey, S. K. Sengupta

Journal of molecular structure 1074(2014)401-407

3. Electroanalytical studies on Cu (II) ion-selective sensor of coated pyrolytic graphite electrodes based on N2S2O2 and N2S2O3 heterocyclic benzothiazol ligands

A.K.Singh, **Manoj Kumar Sahani**, Dr. Koteshwara Rao Bandi, A.K.Jain

Material Science and Engineering: C 41(2014)206-216

4. Fabrication of novel coated pyrolytic graphite electrodes for the selective nano-level monitoring of Cd²⁺ ions in biological and environmental samples using polymeric membrane of newly synthesized macrocycle

Manoj Kumar Sahani A.K.Singh,,A.K.Jain, Anjali Upadhyay, Amit Kumar, Udai P.Singh, Shikha Narang

Analytica Chimica Acta 860(2015)51-60

5. Nano-level monitoring of Mn²⁺ ion by fabrication of coated pyrolytic graphite electrode based on isonicotinohydrazide derivatives

Manoj Kumar Sahani A.K.Singh,,A.K.Jain

Material Science and Engineering: C 50(2015)124-132

6. Potentiometric Monitoring of Co²⁺ Ion at Nano Scale Based on Hydrazinecarbothioamide Derivatives by Fabrication of Coated Pyrolytic Graphite Electrode

Manoj Kumar Sahani, Neha Gupta, A.K. Singh, A.K. Jain

Journal of The Electrochemical Society 163 (2016) B385-B394

7. Novel potentiometric sensor for selective monitoring of Ce³⁺ ion in environmental samples

Manoj Kumar Sahani, Shubhrajyotsana Bhardwaj, A.K. Singh,

Journal of Electroanalytical Chemistry 780 (2016) 209-216

8. Potentiometric sensor for the nanoscale monitoring of Ni²⁺ ion in environmental samples by the fabrication of coated pyrolytic graphite electrode based on a novel C–C-coupled compound

Manoj K Sahani, Divya Singhal, Ashok K Singh, Ajay K Jain, Udai P Singh, Shikha Narang
International Journal of environmental analytical chemistry 96 (2016) 1170-1187

9. Quantification of Zn²⁺ Ion in Environmental Samples by Fabrication of Pyrolytic Graphite Electrode Based on Schiff Bases of Hydrazinecarbothioamide Derivatives

Manoj Kumar Sahani, Neha Gupta, A.K. Singh, A.K. Jain

Journal of The Electrochemical Society 164(2017) H657-H666

Conferences / Symposia

1. National conference on computational chemistry-current perspectives 14-15 march 2011.

2. Template synthesis, spectroscopic characterization and preliminary insulin-mimetic activity of oxovanadium(IV) complexes with N₂O₂ diazadioxo macrocycles

M.L. Sharma, M.K. Sahani, OP Pandey 99th Indian Science Congress,

3-7 January, 2012, KIIT University, Bhubaneswar

3. Oxovanadium (IV) complexes with Schiff bases derived from bis-(4-amino-5-mercapto-4H-1,2,4-triazol-3-yl) arene/alkene

M.L. Sharma, M.K. Sahani, OP Pandey 100th Indian Science Congress,

3-7 January, 2013, University of Calcutta, Kolkata

4. Ist U.P. Science Congress

2-4th March 2013, D.D.U. Gorakhpur University, Gorakhpur

5. Synthesis, spectral characterization and antimicrobial studies of nano-sized oxovanadium(IV) complexes with Schiff bases derived from 5-(phenyl/substituted phenyl)-2-hydrazino-1,3,4-thiadiazole and indoline-2,3-dione

M.K. Sahani, S.K. Sengupta

National Seminar on Current Trends in Chemical Education

8th August, 2013, D.D.U. Gorakhpur University, Gorakhpur

6. Synthesis, spectroscopic study and biological aspects of oxovanadium(IV) complexes with isatin-2,3- bis(thiosemicarbazones)

M.K. Sahani, S.K. Sengupta

NCOIFM , 1-2 March, 2014 Chemistry Department, DDU Gorakhpur University, Gorakhpur

7. National Seminar on Current Perspectives in Chemical Research

26 march 2014, D.D.U. Gorakhpur University, Gorakhpur

Personnel Details

Father's Name	Mr. Ram Das Nishad
Mother's Name	Mrs. Gayatri Devi
Date of Birth	07 Jan 1986
Marital Status	Married
Spouse Name	Mrs. Nikita Sahani
Languages Known	English, Hindi
Hobbies	Research and Teaching

References

1. Prof.(Dr.) S.K.Sengupta Department of Chemistry D.D.U. Gorakhpur University, Gorakhpur-273009 (U.P.), India e-mail: sengupta@hotmail.co.uk	2. Prof.(Dr.) A.K.Singh Department of Chemistry,IIT Roorkee Roorkee-247667, Uttarakhand,India e-mail: akscyfcy@gmail.com
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I hereby declare that all the information mentioned above is true to the best of my knowledge and belief.

Place:

Date:

(Dr Manoj Kumar Sahani)