

CURRICULUM-VITAE

Dr. Malvika Chaudhary

Assistant Professor

Department of Applied Science

Maharaja Surajmal Institute of Technology, Delhi

Expertise: Transition metals & biologically active imines.

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Total Experience

- **16 years of total Experience in Academics.**
- 14 years of experience in various Engineering institutes (Chemistry & EVS).
- 1.3 years of experience as a Lecturer at D.N. Degree College.
- Ph.D. (Chemistry) awarded in 2011 from CCSU, Meerut.

Present Status

Institute: Maharaja Surajmal Institute of Technology, Delhi

Designation: Assistant Professor from August 2024 to till date.

Subjects: Chemistry & EVS

Previous Status

- Assistant Professor from August 2016 to August 2024.
- Assistant Professor from July 2013 to August 2016, R.D Engineering College, Ghaziabad.
- Assistant Professor from September 2011 to July 2013. Sunder deep group of Institutions of Technology, Ghaziabad.
- Assistant Professor of Chemistry from January 2009 to June 2011, Venkateshwara Institute of Technology, Meerut.
- Lecturer of Chemistry from August 2007 to January 2009, D. N. Degree College, Meerut.

Research work

Ph.D. (Chemistry) Awarded (in 2011) on the topic of-

“STEREO CHEMICAL AND BIOLOGICAL STUDIES ON SOME TRANSITION METAL COMPLEXES OF BIOLOGICALLY ACTIVE IMINES”

Under the great supervision of-

Dr. A. K. Mishra, Head- Department of Chemistry, D. N. Degree College, Meerut

Book Published

1. The “Engineering Chemistry” book is under publishing in Empyreal Publishing House, Ghaziabad.
2. The “Environmental Studies” book is under publishing in Empyreal Publishing House, Ghaziabad.

PATENT/BOOK CHAPTER PUBLISHED

1. A patent published on the topic “Analysis irrigation system for real-time automation of agricultural environment system in India” under Intellectual Property India with application number **202311080089** **Dated 29.12.2023.**
2. A book chapter published on “E-waste management”, Chapter 4, Dawn to Dusk to Dawn:-Environmental issues and its effects on human evolution, **ISBN No: 978-81-963716-5-5, June 2023.**
3. Bisphosphate-based nanocomposite hydrogels for biomedical applications by Sugandha Gupta, Preeti Singh, Parul Verma, **Malvika Chaudhary**, Chapter 22, Elsevier 2023, Functional Nanocomposite Hydrogels: Synthesis, Characterization, and Biomedical Applications, 2023, pp. 541–557, <https://doi.org/10.1016/B978-0-323-99638-9.00022-8>.
4. Electrical Properties of PU/CdS Nanocomposites by Ajay Pal Indolia, **Malvika Chaudhary**, M. S. Gaur, and Sobinder Singh, Chapter-37, Springer Nature Singapore Pte Ltd. 2023, S. Yadav et al. (eds.) Recent Advances in metrology, Lecture Notes in Electrical Engineering 906, https://doi.org/10.1007/978-981-19-2468-2_37.

Paper Presented in National Seminars/Conference

1. Presented Paper on “**Air pollution: -A slow poison for living things, awareness & effect.**” In ISCCR-sponsored seminar in Sri Aurobindo College, University of Delhi on 08 March 2019.
2. Presented Paper on “**Effect of Chemical in today’s life**” in UGC sponsored seminar at Sri Aurobindo College, University of Delhi on 22 March 2017.
3. Presented Paper on “**A master stroke on Black Money**” in Delhi Technical Campus Greater Noida on 12 April 2017.
4. Presented Paper on “**Effect of Chemical in today’s**” life in UGC sponsored seminar in Sri Aurobindo College, University of Delhi on 3rd- 4th March 2017.
5. Presented paper in 2nd national seminar on 28 January 2010 at D N (PG) College, Meerut on the topic: -
“Synthesis of bio-relevant complexes of Mn (II) with hydrazine carboxamide of 5-nitro indol 2,3 dione”.
6. One research paper has been published in **Acta Ciencia Indica**, Vol XXXIV, No 4.573(2008) on the topic: -*Synthesis of transition metal complex by 3d series with 2-imino -4-p-Chlorophenyl oxazolone with pyridine as Co -Ligands.*

Paper Presented in International Conference/Journal

1. One research paper has been published in “**International Journal of Advance Research and Innovation**”. (Volume 5 Issue 2 (2017) 218-220 ISSN 2347 – 3258), on the topic: -
“Study of Hydrazine Carboxamide of 5 Nitro Indo; 2,3 Dione & Their Metal complexes with Co (II),

Ni(II)&Mn(II) ions”.

2. One research paper has been published in “International Journal of Advance Research and Innovation” (Volume 7 issue 3 (2019) 216-218), ISBN 2347 – 3258.

“Acute Toxicity (Lethal Dose 50 Calculation): Medicine as a lifesaver or destroyer.”

3..Present a paper at, “International Conference of Advance Research and Innovation” (ICARI-2019), ISBN- 978- 93-5346-324-3, Delhi, on 31 January 2019 on the topic:- ***“Synthesis & spectroscopic Studies of Copper (II)Complexes of Thiosemicarbazide based Ligand”***

Faculty Development Program/Workshop

1. Faculty Development Program – National Faculty Deleopement program at JIMS Engineering Campus Greater Noida, from 22.07.2024 to 26.07.24 on the topic “Role of Gen AI In Teaching Pedagogy & Research”
2. Faculty Development Program – National Institute of Technical Teachers Training and Research, Chandigarh at Delhi Technical Campus from 05.09.2022 to 09.09.22 on the topic “Accreditation of ECE Excellence in NBA NAAC”.
3. Faculty Development Program – National Institute of Technical Teachers Training and Research, Chandigarh at Delhi Technical Campus from 03.12.2018 to 07.12.18.
4. Attending Faculty development program from 30 June to 7 July 2016 on “Human Valve & Professional Ethic” organized by Dr. A. P. J. Abdul Kalam Technical University Utter Pradesh, Lucknow.
5. Faculty Development Program – National Institute of Technical Teachers Training and Research, Chandigarh at Delhi Technical Campus from 28.11.2016 to 2.12.16.
6. Attending Faculty development program organized in Ajay Kumar Garg Engineering College Ghaziabad, on “Smart Materials Beginning of New Era”, Dated 27-28 November 2015.
7. Attending Faculty development program organized in NITTTR Chandigarh on “Network Security & Firewalls Through ICT” from 18.11.2013 to 22.11.2013.

Academic Qualification

S. No	Year	Qualification	Board/University	Percentage
1	2014	B.Ed.	C.C.S. University	72%
2	2011	Ph.D.	C.C.S. University	Awarded
3	2008	M.A. Education	C.C.S. University	60%(Private)
4	2007	M.Sc. (Organic Chemistry)	C.C.S. University	72%
5	2005	B.Sc. (PCM)	C.C.S. University	62%
6	2002	Intermediate (PCM)	U.P. Board	61%
7	2000	High School	U.P. Board	50%

Extra-curricular Activities

- **Cultural Society Head, DTC** Greater Noida.
- Coordinator of NAAC criteria 5.
- Coordinator of NBA criteria 9.7.

- Convenor of Alumni Cell.
- Perform the responsibility of class coordinator.
- **President of “AMEYA DANCE SOCIETY”** in Delhi Technical Campus, Greater Noida
- Organized many activities under our supervision.
- An active member in the **discipline committee, Admission cell, Event committee etc.**

References

Mr. Vishrut Chaudhary
D.N. Degree College
Meerut
Contact no. – 9412101684

Dr. Rakesh Sharma
Vice Chancellor
Graphic Era University, Dehradun
Contact no.-09910040333

Personal Details

Date of Birth	1 st -Dec-1985
Gender	Female
Languages	English, Hindi
Marital Status	Married

Permanent Address:
Ebony A,202, Shalimar City
Wazirabad Road, Sahibabad, Ghaziabad
U.P.-201005

(Signature)