



MAHARAJA AGRASEN COLLEGE

University of Delhi

Vasundhara Enclave, Delhi 110096

Curriculum Vitae

First Name	Vandna	Middle Name		Last Name	Soni
Designation	Associate Professor		Department	Chemistry	
Date of Birth	30.08.1975		Date of Joining	28.04.2007	
Residential Address	229, Double Storey, New Rajinder Nagar, New Delhi - 110060				
Contact No.	9811881402		Email Id	vandnaarora@yahoo.com	

Educational Qualifications

Degree	Institution	Year	Details
Ph.D	I.I.T. Delhi	2004	Title of the Thesis : Studies Directed Towards Development of New Molecular Diagnostics.
Masters	I.I.T. Delhi	1998	MSc Chemistry
Graduation	Delhi University	1996	BSc (H) Chemistry, Hindu College, Delhi University
Any other	CSIR-UGC NET	2000	June 2000
Specialization	Organic Chemistry		

Career Profile

Organization/ Institution	Post Held	Adhoc/Temp / Permanent	From	To	Total Experience
Maharaja Agrasen College, DU	Associate Professor (Level 13A)	Permanent	14.01.2016	Till Date	~ 6 years 11 months
Maharaja Agrasen College, DU	Assistant Professor (Level 12)	Permanent	14.01.2013	14.01.2016	3 years
Maharaja Agrasen College, DU	Senior Lecturer	Permanent	14.01.2008	14.01.2013	5 years
Maharaja Agrasen College, DU	Lecturer	Permanent	28.04.2007	13.01.2008	~ 8 months
Maharaja Agrasen College, DU	Lecturer	Adhoc	27.01.2006	27.04.2007	~ 15 months
Dayal Singh College, DU	Lecturer	Adhoc	09.08.2005	17.01.2006	~ 5 months
Hindu College, DU	Lecturer	Adhoc	23.07.2004	18.07.2005	~ 1 year
ARSD College, DU	Lecturer	Adhoc	16.10.2003	22.07.2004	~ 9 months



MAHARAJA AGRASEN COLLEGE

University of Delhi

Vasundhara Enclave, Delhi 110096

Administrative Assignments

Teacher-Incharge, Department of Chemistry (2008-till date)
Convenor, Laboratory Committee (2021-2022)
Member, Committee of Faculty of Sciences, DU (2020-21 ; 2021-22)
Convenor, Practical Exams (2016-17 ; 2017-18)
Convenor, Time Table Committee (2015-16 ; 2016-17)
Convenor, Attendance Committee (2014-15 ; 2015-16)
Convenor, Annual Day Committee (2012-13 ; 2013-14)
Fellow, Chemistry at ILL, DU (01.01.2009 – 31.12.2009)

Member of various committees : Library, Workload, Admission, Laboratory, Academic Planning, Infrastructure, Time Table, ECA, BSc Physical Science, Examination, ICT etc.

List of research papers published in peer reviewed/ UGC Listed/ Scopus indexed research journals

Title of the article / paper	Journal Name	ISSN	Issue / Vol No.	Year	Whether Peer reviewed/ UGC Listed/ Scopus Indexed Journal	Thomson Reuter Impact Factor
Electrical and thermal conductivity of polyvinylidene fluoride (PVDF) – Conducting Carbon Black (CCB) composites: Validation of various theoretical models	Composites Part B	1359-8368	185, pg-10774 8	2020	Scopus Indexed	7.635
Calixarenes as Sensor Materials for Recognition and Separation of Metal Ions	ARKIVOC	1424-6376	(ii), pg-172-200	2007	Scopus Indexed	1.165
Synthesis of New formylated calix[4]arene and X-ray Structure	Journal of Chemical Crystallography	1074-1542	34, pg-465 – 469	2004	Scopus Indexed	0.566
Synthesis of Selectively Formylated Calixarene Ethers	Tetrahedron	0040-4020	58, pg-5591 – 5597	2002	Scopus Indexed	2.645
Synthesis of a New Cesium Selective Calix[4]arene Based Chromoionophore	Indian Journal of Chemistry	0376-4710	42A, pg-3041	2003	Scopus Indexed	0.491



MAHARAJA AGRASEN COLLEGE

University of Delhi

Vasundhara Enclave, Delhi 110096

List of Books (edited/ authored)

Title of the book	Author / Editor	ISBN	Year	Publisher
Coordination Chemistry: Metal Complexes	Joint Author	1466500506	2013	CRC Press & Anne books
Inorganic Chemistry: Concepts & Main Group Elements	Joint Author	9789386221254	2017	Manakin Press
The Chemistry of Coordination Complexes & Transition metals	Joint Author	9788193877203	2019	Manakin Press
The Chemistry of Coordination Complexes & Transition metals (e-book)	Joint Author	9781003183426	2021	CRC Press – Taylor & Francis Group

List of Chapters in a book

Title of the chapter	Title of the book	ISBN	Year	Publisher
Corrosion Combating Properties of Hydroxyl Based Compounds on Mild Steel in Assam Coal Mine Water	Knowledge Organisations Aspirations and Experiences	978-81-940528-0-7	2019	Maharaja Agrasen College, University of Delhi, Vasundhara Enclave, Delhi - 110096

List of Papers presented/ Invited Lecture/ Resource Person in conferences/ seminars/ workshops/ FDPs

Title of Paper/ Talk/ Subject	Conference/ Invited talk/ Resource Person	Title of conference/ seminar/ workshop/ FDP	Level (College/ State/ National/ International)	Year	Name of Organizer(s)
Corrosion combating properties of hydroxyl based compounds on mild steel in Assam coal mine water	Conference	Fostering Quality Research in Higher Education	College	2018	Abdul Kalam Center and Internal Quality Assurance Cell, Maharaja Agrasen College, University of Delhi

PhD Research Guidance

Name of the Scholar	Year of registration	Affiliating University	Status (Ongoing/ Thesis Submitted/ Awarded)



MAHARAJA AGRASEN COLLEGE

University of Delhi

Vasundhara Enclave, Delhi 110096

Research projects

Title	Period		Sanctioned Amount	Sponsoring/ Funding Agency
	From	To		
Characterization of Corrosion resistance properties of hydroxy based compounds in mine water environment from Indian Mines Coal and empirical calculations of thermodynamic parameters.	Nov 2013	March 2015	₹ 5,50,000/-	INNOVATION PROJECT funded by University of Delhi
Cyber Security Help System	April 2016	2019	₹ 15,00,000/-	Star Innovation Project funded by University of Delhi

I certify that the information given above is correct and factual to the best of my knowledge.

Date: 24.11.2022

Signature Dr. Vandna Soni