

Curriculum Vitae

Full Name:	DR. BHASKARAN			
Designation:	Assistant Professor			
Department:	Chemistry			
Campus:	Birla Campus			
Telephone:		Fax:		
Mobile:	8882051056			
Email	drbhaskaran2@gmail.com			
Education Qualification:	Ph.D (Chemistry)	University of Delhi	2019	
	M.Sc (Inorganic Chemistry)	MDU, Rohtak	2010	
	B.Sc.	MDU, Rohtak	2007	
Teaching Experience:	__7__ Years	Research Experience:	__10__ Years	
		Post Doc		
Research Interest and Fields of Specialization				
<ol style="list-style-type: none"> 1. Corrosion Science and Technology 2. Computational chemistry 3. Material chemistry 4. Nanoscience 				
Honours & Awards				
<ol style="list-style-type: none"> 1. Co-ordinator, Intellectual Property Awareness program under National intellectual Property Awareness Mission, Govt. of India, Ministry of Commerce and industry 2. Senior-Research Fellowship-CSIR (2014) 				
Member of Academic Institutions				
<ol style="list-style-type: none"> 1. Elected, Sports Committee Staff Council Member (2022), Ramjas College, University of Delhi 2. Elected, BMPC Staff council Member (2022), Ramjas College University of Delhi 				
Membership of Scientific Organizations				
<ol style="list-style-type: none"> 1. Life Member of Indian Association of Solid-State Chemists and Allied Scientists (ISCAS) 2. Community Member of the American Chemical Society (ACS) 				
Administrative Experience				
<ol style="list-style-type: none"> 1. Acted as Faculty Administrator in Workshop organised by Department of Chemistry, Ramjas College, University of Delhi 2. Examiner for practical evaluation in various colleges of University of Delhi 				
Scientific Visits Abroad/ International Collaboration				
<ol style="list-style-type: none"> 1. Vancouver, Canada, British Columbia (2016) 				
Conference/Symposium/Workshop attended during last five years (2017-2022)				
International				
<p>Oral Presentation entitled on "Computational and Electrochemical Characterization of Synthesized Ionic Liquid as a Green Corrosion Inhibitor in 0.5 M H₂SO₄ Solution for Mild Steel" in CORCON 2017 at Hotel Sahara Star, Vile Parle-East, Mumbai-99.</p>				
National				
<ol style="list-style-type: none"> 1. Oral presentation entitled on" An Electrochemical and Theoretical Evaluation of 				

an Ionic Liquids as green and sustainable corrosion inhibitor for Mild Steel in 0.5 M H₂SO₄ Solution” in ISCAS 2017, DTU(July 1-3.2017)

2. Online Refresher Course In Chemistry For Higher Education (Arpit 2019)
3. Participated in the Faculty Development Programme: National Webinar entitled "Development of Higher Education in India: An Overview" organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD held on 1 April 2020.
4. Participated in the Faculty Development Programme. National Webinar entitled "ICT Enabled Higher Education in India: Challenges and Opportunities" organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD held on April 17, 2020.
5. Participated in the Faculty Development Programme. National Webinar entitled "National Workshop on Development of Teacher's e-Kit- CHEMISTRY" organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD held on April 21, 2020.
6. Participated in the Faculty Development Programme. National Webinar entitled "Re-engineering Higher Education: A Seamless Knowledge Management System for the University" organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD held on April 22, 2020.
7. Participated in the Faculty Development Programme. National Webinar entitled "Roles of Teachers in Technology driven Higher Education" organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD held on April 25, 2020.
8. Participated in the Faculty Development Programme. National Webinar entitled "Towards Excellence in Higher Education in India in the 21st Century: Challenges and Opportunities" organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD held on May 1, 2020.
9. Participated in the Faculty Development Programme. National Webinar entitled "Challenges & Opportunities before Indian Higher education due to Covid-19" organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD held on May 2, 2020.
10. Participated in the Faculty Development Programme National Webinar entitled "e-Content Development Methodology: Four Quadrant Model, OERs and Copyright issues" organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD held on 15 May 2020.
11. Faculty Development Programme National Webinar entitled "Women in Higher Education: Issues and Challenges during Corona Pandemic" organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD held on 27 May 2020.
12. Successfully Completed the One Week Virtual International Faculty Development

Programme from 15.05.2020 to 21.05.2020 entitled "ADVANCED TOPICS IN CHEMICAL SCIENCES" organized by Post Graduate Department of Chemistry, Nallamuthu Gounder Mahalingam College, Pollachi.

13. participated in the National Webinar entitled "Academic Integrity and Quality Measuring Tools in Research and Publication" organized by Dr. BaLlcrishna Information & Knowledge Resource Centre and IQAC, Rajaram College, Kolhapur held on May 31. 2020.
14. Participated in the Faculty Development Programme. National Webinar entitled "Corona Pandemic and Economic Challenges in India" organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD held on May 4, 2020.
15. Participated in the One Day National Webinar titled "Open Educational Resources" organized by Department of Chemistry, Gargi College held on May 21, 2020.
16. Successfully completed One Week **Faculty Development Program** jointly organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD. (21st-26th May 2020) GAD-TLC/2020-21/OFDP1/OFDP1117
17. Participated in the Faculty Development Programme National Webinar entitled "Teaching During and Post COVID Times" organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD held on 12th June 2020.
18. participated in the National Virtual Dialogue on "National Education Policy 2020: Insights into Science and Technology Education" organized by IQAC and UGC Cell of Mata Gujri College (Autonomous), Fatehgarh Sahib, Punjab, held on September 17, 2020.
19. attended the National Webinar on "ACHIEVING EXCELLENCE IN HIGHER EDUCATION IN INDIA IN THE 21ST CENTURY: CHALLENGES AND OPPORTUNITIES" Organised by SCHOOL OF BUSINESS STUDIES & IQAC, Sharda University on 3rd June 2020.
20. Attended the Five Days **Faculty Development Program** on "Recent advances on Molecular Chemistry and Functional Materials" organized by the AICCRS under the umbrella of Amity University Noida Campus from 17th -21st August 2020.

Conference/Symposium/Workshop Organized during last five years (2017-2022)

Organizing Committee Member: - International conference on Nanoedicine:chemistry Medicine Interface(NCMI-2022), Department of Chemistry, University of Delhi, December 6, 2022

Publications during last five years (2017-2022)

Journals

1. Synthetic, spectral and structural studies of a Schiff base and its anticorrosive activity on mild steel in H₂SO₄, Akshay Kumar, Manoj Trivedi, **Bhaskaran**, Raj Kishore Sharma and Gurmeet Singh, New J. Chem., 2017, 41, 8459--8468 (Impact Factor: 3.591)
2. Synthetic, spectral, structural and catalytic activity of infinite 3-D and 2-D copper(II) coordination polymers for substrate size dependent catalysis for CO₂ conversion, **Bhaskaran**, Manoj Trivedi, Anita K. Yadav, Gurmeet Singh, Abhinav

Kumar, Girijesh Kumar, Ahmad Husain and Nigam P. Rath, Dalton Trans. 2019, 48, 10078 (Impact Factor: 4.569)

3. Imidazolium based ionic liquid as an efficient and green corrosion constraint for mild steel at acidic pH levels, **Bhaskaran**, P. D. Pancharatna, Suman Lata, Gurmeet Singh, Journal of Molecular Liquids 278 (2019) 467–476 (Impact Factor: 6.165)
4. To evaluate an ionic liquid for anticorrosive impact on iron–carbon steel: synthesis, computational and experimental mechanism, **Bhaskaran**, P. D. Pancharatana, Raj Kishore Sharma, Gurmeet Kaur, · Suman Lata, Gurmeet Singh, chemical paper 63(2020), 2585-7290 (Impact Factor: 2.097)

Proceedings

1. High super capacitive performance of mixed transition and inner transition metal oxide-based hybrid nanostructures, Shobha, Bhaskaran, Saral.K. Gupta, Materials Today: Proceedings 43(2021)

Books

1. Reena Malik, Bhaskaran, Meena, and Suman Lata, Heavy Metal Removal From Wastewater Using Adsorbents, Springer, 2020

Total Number of Research Publications: 11