



**DEPARTMENT OF CHEMISTRY**  
**DYAL SINGH COLLEGE, UNIVERSITY OF DELHI**  
**FACULTY DETAIL**



Title	Singh	First Name	Braj	Last Name	Bihari	Photograph	
Designation							
Address	DA/1D, DDA Flats, Munirka, New Delhi 110067						
Phone No Office	<b>011-24367819</b>						
Residence							
Mobile	<b>9911123968</b>						
Email	<b>bbsingh.chemistry@dsc.du.ac.in</b>						
Web-Page	<b>www.dsc.du.ac.in</b>						
Educational Qualifications							
Degree	Institution				Year		
Ph.D	<b>School of Environmental Sciences, JNU, New Delhi</b>				<b>1998</b>		
M.Phil	<b>School of Environmental Sciences, JNU, New Delhi</b>				<b>1993</b>		
M.Sc.	<b>B.U. Muzaffarpur</b>				<b>1988</b>		
B.Sc. (H) Chemistry	<b>B.U. Muzaffarpur</b>				<b>1985</b>		
I.Sc.	<b>B.U. Muzaffarpur</b>				<b>1982</b>		
Matriculation	<b>BSEB Patna</b>				<b>1980</b>		
Career Profile							
<b>Research: A. 1990-1992 M.Phil from School of Environmental Sciences, JNU, New Delhi.</b> <b>B. 1992-1997 Ph.D. School of Environmental Sciences, JNU, New Delhi.</b> <b>C. 1997-2000 PDF from Department of Physics and Chemical Engineering IIT Delhi.</b> <b>Teaching: Assistant Professor from 2001 at Dyal Singh College, New Delhi.</b>							
Administrative Assignments (From 1 <sup>st</sup> July 2016 onwards) Attach Documents							
S. No.	Year	Nature of Activity	Designation	Institution / department	Period		
					From	To	
1	2016-17	Environment Club	Member	Dyal Singh College	May, 2015	April, 2017	
2	2017-18	Student Advisory Committee	Member	Dyal Singh College	May, 2017	April, 2018	
3		Purchase committee	Co Convener	Chemistry Deptt	May, 2017	April, 2018	
4		Time table committee	Co Convener	Chemistry Deptt	May, 2017	April, 2018	

5	2018-19	Admission committee	Convener	Chemistry Deptt. Dyal Singh College	May, 2018	April, 2019
6		Debating Society	Convener	Dyal Singh College	May, 2018	April, 2019
7		Teacher In-Charge	-	Chemistry	May, 2018	April, 2019
8		Chemical Society	Convener	Chemistry	May, 2018	April, 2019
9		Time table committee	Co Convener	Chemistry Deptt	May, 2018	April, 2019
10	2019-20	Admission committee	Member	Dyal Singh College	May, 2019	April, 2020
11	2019-20	Student Advisory Committee	Acting convener	Dyal Singh College	May, 2019	April, 2020
12		Help Desk	Convener	Dyal Singh College	May, 2019	April, 2020
13		Academic committee	Convener	Chemistry Deptt.	May, 2019	April, 2020
14		Purchase committee	Co Convener	Chemistry Deptt	May, 2019	April, 2020
15		Chemical Society	Co-convener	Chemistry Deptt.	May, 2019	April, 2020
16	2020-21	Admission committee	Member (Life Sc.)	Dyal Singh College	Sept., 2020	Dec., 2020
17	2020-21	Student Advisory Committee	Acting convener	Dyal Singh College	May, 2020	June, 2021
18	2020-21	College Function organizing Committee	Member	Dyal Singh College	August, 2020	June, 2021

19	2020-21	Help Desk	Convener	Dyal Singh College	May, 2020	June, 2021	
20	2020-21	Academic committee	Convener	Chemistry Deptt.	July, 2020	June, 2021	
21	2020-21	Time Table Committee	Co Convener	Chemistry Deptt	July, 2020	June, 2021	
<b>Areas of Interest / Specialization</b>							
Inorganic Chemistry							
<b>Subjects Taught/ Attach Documents(time table odd/even semester)</b>							
Inorganic Chemistry B.Sc. (H) and B.Sc. (P)							
<b>Research Guidance/ Attach Documents</b>							
<u>N.A.</u>							
<b>Publications Profile (From 1<sup>st</sup> July 2016 onwards) Attach Documents with front page with impact factor</b>							
S. No.	Title of the Paper	Journal Name	Year	Vol. No.	Page No.	ISSN No.	Impact Factor
1	Statistical Modeling of O <sub>3</sub> , NO <sub>x</sub> , CO, PM <sub>2.5</sub> , VOCs and Noise Levels in Commercial complex and Associated Health Risk Assessment in an Academic Institution	Science of the Total Environ. ,	2016	572	586	0048-9697	6.55
2	Mereological Parameters Impact on Spatio-temporal Dynamics of VOCs after CNG Implementation in Transport sector in Delhi	<b>IOSR J. of Env. Sci., Toxic. and Food Technol</b>	2016	10 (9)	86	2319-2399.	3-46
3	Distribution of Emitted Organic Pollutants at Municipal Solid Waste Landfill Site in NCR: Temporal Variation, OFP, Mitigation Strategies and Policy Interventions	Journal of Basic and Applied Engineering Research	2017	4(7)	640	2350-0077	4.85

4	Municipal Solid Waste in Delhi: Ambient VOCs, Health Risks, GIS Modeling, Management, Policy Intervention, Climate Change and a Manmade Disaster in Waiting	Applied Ecology and Environmental Sciences	2018	6(4)	170	2328-3912	0.740
5	Distribution of VOCs in <u>Urban and Rural Atmospheres of Subtropical India: Temporal Variation, Source Attribution, Ratios, OFP and Risk Assessment</u>	Science of the Total Environ. ,	2018	613-614	492	0048-9697	6.55

Conference Organization/ Presentations (From 1<sup>st</sup> July 2016 onwards)/ Attach Documents

N.A.

Research Projects (Major Grants/Research Collaboration) (From 1<sup>st</sup> July 2016 onwards)/ Attach Documents

N.A.

Awards and Distinctions (From 1<sup>st</sup> July 2016 onwards) Attach Documents

S. No.	Details	Place	Period		Sponsoring/organising Agencies
			From	To	
1	Refresher Course	New Delhi	15.07.2019	26.07.2019	UGC Human Resource Centre, Jawaharlal Nehru University, New Delhi
2	Refresher Course	Online, Delhi	01.09.2019	31.12.2019	Govt. of India, Ministry of Human Resource Development / Sri Guru Tegh Bahadur Khalsa College, University of Delhi, Delhi
3	Faculty Development Programme	Online Delhi	30.06.2020	04.07.2020	Govt. of India, Ministry of Human Resource Development / Guru Angad Dev Teaching Learning

					Centre SGTB Khalsa College, University of Delhi, Delhi
4	Faculty Development Programme	Online Delhi	11.08.2020	16.08.2020	Govt. of India, Ministry of Human Resource Development / Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi, Delhi
Association With Professional Bodies/ Attach Documents					
Life member of Indian Society of Analytical Scientists					
Other Activities like MOOCs/ Patents etc. (From 1 <sup>st</sup> July 2016onwards)					



(Dr. Braj Bihari Singh)

Signature of Faculty Member