


Title	Dr.	First Name	Satish	Last Name	Chand	Photograph
Designation	Associate Professor					
Address	Department of Chemistry, Hansraj College, University of Delhi, Delhi-110007					
Phone No. Office	011-27667458, 27667747					
Residence Mobile	9968136659					
Email	satish.hansraj@gmail.com , schand@hrc.du.ac.in					
Web-Page						
Educational Qualifications						
Degree	Institution				Year	
Ph.D.	University of Delhi, Delhi				2020	
M.Phil.	V.M.U., Salem (Tamilnadu)				2011	
M.Sc.	M. J. P. Rohilkhand University, Bareilly (UP)				2004	
B.Sc.	M. J. P. Rohilkhand University, Bareilly (UP)				2002	
Specialization						
Organic Chemistry						
Career Profile						
<ol style="list-style-type: none"> 1. Associate Professor at Hans Raj College (University of Delhi), 04.02.2020 – till date. 2. Assistant Professor at Hans Raj College (University of Delhi), 07.09.2006 – 03.02.2020. 3. Lecturer (Contract) at V. S. P. Govt. Degree College, Kairana (M. Nagar), UP (C.C.S. University, Meerut), August 2005-August 2006. 						
Subjects/Courses Taught						
Basic Organic Chemistry, Organic Spectroscopy, Organic Stereochemistry, Carbohydrates, Dyes, Polymers, Nucleic Acids, Amino acids, Peptides and Proteins, Enzymes, Lipids, Concept of Energy in Biosystems, Pharmaceutical Compounds: Structure and Importance						
Administrative Assignments						
<ol style="list-style-type: none"> 1. Departmental Coordinator of NAAC Criterion 5, 2021-22 & 2022-23. 2. Member of Development Fund Committee, Hansraj College, 2022-23. 3. Member of Finance Committee, Hansraj College, 2022-23. 4. Teacher-In-Charge, Department of Chemistry, Hansraj College, 2020-2021. 5. Member of the selection committee for the recruitment of a Guest faculty in Chemistry Department on 17.02.2021. 						

6. Member of Apex Committee, Hansraj College, 2020-21.
7. Member of ICT-Enabling Committee, Hansraj College, 2020-21 & 2021-22.
8. Member of Garden Committee, Hansraj College, 2020-21 & 2021-22.
9. Convenor of Chemical Society, Hansraj College, 2021-22
10. Member of Departmental Lab Staff Committee, 2021-22 & 2022-23.
11. Convenor of Departmental Lab Staff Committee, 2020-21
12. Member of Chemical Society, Hansraj College, 2019-20 & 2020-21
13. Assistant Coordinator, IGNOU Study Centre at Hansraj College, Jan. 2020-Dec. 2022.
14. Member of Selection Committee for the appointment of Assistant Professor (Chemistry) in ad-hoc capacity, 2013-14.
15. Coordinator of Evaluation Centre for Foundation Courses (FYUP), May-June, 2014.
16. Coordinator of Evaluation Centre for Foundation Courses (FYUP), Nov.-Dec., 2013.
17. Received paper in Morning Shift, Nov.-Dec. 2012, May-June 2013 & Nov.-Dec. 2013.
18. Dy. Superintendent of College Examination, Morning Shift, Nov.-Dec. 2013.
19. Dy. Superintendent of College Examination, April-June, 2008.
20. Superintendent of Chemistry Practical Exams on 8.11.13, 9.11.13 and May-June 2020.
21. Presiding Officer in DUSU and College Elections, 2006-15, 2018-20.
22. Assisted in Sports-trials during admissions in ECA and Sports Category, 2013-14.
23. Assisted Admission-in-charge of admissions for B.Sc. (H) Chemistry, 2008-09, 2009-10, 2010-11 and 2011-12.
24. Member of General Supervision Team in College Fest, 2007-2015 & 2018-2020
25. Convenor of Departmental Chemical-Store Committee, 2014-15
26. Convener of Departmental Apparatus Store committee, 2011-12 and 2012-13.
27. Member of Departmental Chemical Society, 2019-20.
28. Member of Departmental Instrumentation Committee, 2012-13, 2013-14, 2014-15.
29. Member of Departmental Library Committee, 2008-09 and 2009-10.
30. Member of Departmental Apparatus-Store Committee, 2007-08, 2009-10, 2010-11 and 2013-14.
31. Member of Departmental Chemical-Store Committee, 2007-08, 2010-11 and 2011-12.
32. Convenor of Special Categories Admissions Enabling Committee, 2018-19 & 2019-20.

33. Member of Music Society, 2014-15.
34. Member of Special Categories (SC/ST/PWD) Admission Enabling Committee, 2013-14 and 2014-15.
35. Member of Hostel Committee, 2011-12
36. Member of Student Welfare Committee, 2011-12 and 2012-13.
37. Member of Academic Affairs Committee, 2009-10 and 2010-11.
38. Member of Environment Awareness Committee, 2009-10, 2010-11, 2013-14, 2018-19 and 2019-20.
39. Member of SC/ST Committee, 2007-08, 2008-09, 2013-14 and 2014-15.
40. Member of Canteen Committee, 2007-08, 2008-09, 2011-12, 2012-13, 2013-14, 2014-15 and 2018-19.

Faculty Development Programme/ Refresher Course/ Orientation Programme

- 1.** One week (Online) Faculty Development Programme on “Chemical and Biology Interface for Scientific Transformations” organized by SGT University, Gurugram in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi, Delhi, from 25.07.2022 to 30.07.2022.
- 2.** Two weeks Faculty Development Programme on "ICT Based New Paradigms of E-Teaching and E-Learning: Digital Pedagogy" organized by Mata Sundri College for Women, University of Delhi, in collaboration with TLC, Ramanujan College from 15.09.2020 to 30.09.2020.
- 3.** One Week Faculty Development Programme on “ICT Based Teaching and Learning Process” organized by Roorkee College of Polytechnic (RCP), Roorkee from 01.07.2020 to 05.07.2020.
- 4.** Faculty Development Programme: National Webinar entitled “Corona Pandemic and Economic Challenges in India” on 04.05.2020 organized by GAD-TLC, SGTB Khalsa College, University of Delhi, Delhi (PMMMNMTT).
- 5.** Faculty Development Programme: National Webinar entitled “Development of Higher Education in India: An Overview” on 16.04.2020 organized by GAD-TLC, SGTB Khalsa College, University of Delhi, Delhi (PMMMNMTT).
- 6.** One day “National Seminar cum Workshop on e-Content, MOOCs (Swayam) and ARPIT” on 31.08.2019 organized by GAD-TLC, SGTB Khalsa College, University of Delhi, Delhi (PMMMNMTT).
- 7.** Two days Workshop on Online Basic Training on Use of ICT in Teaching, on 20.04.2020 & 23.04.2020 organized by TLC, TLC, Tezpur University under PMMMNMTT Scheme of MHRD, Govt. of India.
- 8.** Two Weeks Faculty Development Programme on “Managing Online Classes and Co-Creating MOOCs” from 20.04.2020 to 06.05.2020 organized by TLC, Ramanujan College,

University of Delhi (PMMMNTT, MHRD).

9. 16 Week ARPIT (Online Refresher Course in Chemistry for Higher Education-2019), from 01.09.2019 to 31.12.2019 (Exam held on 16.02.2020) organized by Swayam/SGTB Khalsa College, University of Delhi, Delhi.

10. 16 Weeks ARPIT (Online Refresher Course in Chemistry for Higher Education Faculty-2018), from November, 2018 to February, 2019 (Exam held on 30.03.2019) organized by Swayam/SGTB Khalsa College, University of Delhi, Delhi.

11. One Week Faculty Development Programme on “Entrepreneurship, Motivation & Leadership” on 24.12.2018 to 30.12.2018 organized by ARSD College, University of Delhi, Delhi & NIESBUD (Organization of Ministry of Skill Development and Entrepreneurship, Govt. of India).

12. One Week Faculty Development Programme on “Disabilities Studies: Perspectives and Emerging from 17.12.2018 to 23.12.2018 organized by Enabling Unit Maitreyi College and TLC, Ramanujan College University of Delhi (PMMMNTT MHRD Scheme).

13. One Week Faculty Development Programme on “Advancements in Integrated Sciences: Learning & Adaptation for Effective Teaching and Research” from 10.12.2018 to 16.12.2018 organized by Shyam Lal College, University of Delhi & UGC-HRD Centre, Jamia Millia Islamia and CSIR-IGIB.

14. FDP on “From Chemistry of Life to Chemistry of Diseases: Understanding Clinical Biochemistry” at Department of Chemistry, Daulat Ram College (University of Delhi), Delhi from 15th June to 22nd June 2017.

15. One Week Workshop on Theory & Practical Course “Biochemistry & Environmental Chemistry” from 02.07.2012 to 07.07.2012 organized by Department of Chemistry, University of Delhi, Delhi.

16. Refresher Course in Chemistry at CPDHE, ILL (University of Delhi) from Jan. 12, 2009 to Feb. 02, 2009.

17. Orientation Programme (OR-59) at CPDHE, ILL (University of Delhi) from Feb. 28, 2009 to March 30, 2009.

Talks/Speaker/ Resource Person

1. Resource person for the talk titled “Chemical Hazards and Chemistry Lab Safety” organized by Rasayanatva: Chemical Society, Department of Chemistry, Hansraj College, University of Delhi, Delhi, on 20th January, 2023.

2. Resource person in the three days Workshop on “Laboratory Skills, Chemical Hazards and Safety Measurements” organized by IQAC & Department of Chemistry, Hansraj College (University of Delhi), Delhi, during 25-27 August, 2021.

3. Resource Person in the Workshop on “Hands on Training Program for the Laboratory Staff” organized by IQAC & Department of Chemistry, Hansraj College (University of Delhi), Delhi on 13.06.2019.

4. Talk at workshop on “Chemistry Laboratory Working Skills and Safety Education”, entitled “Chemical Hazard, Safety Measures and Lab Management” organized by IQAC & Department

of Chemistry, Hansraj College (University of Delhi), Delhi, on 17th July, 2017.

5. Resource Person in workshop on “Review and Development of Microscale Chemistry Kit at Higher Secondary Stage” at Division of Educational Kits, NCERT, Delhi on July 25, 2014.

Journals Articles

1. The influence of reflector on the thermal performance of single and double pass solar air heater: A Comprehensive review, *Materials Today: Proceedings*, 72, 2023, 1260-1269.

2. Recent developments in design of evacuated tube solar collectors integrated with thermal energy storage: A review, *Materials Today: Proceedings*, 52, 2022, 1689-1696.

3. Synthesis, Characterization, DFT of novel, symmetrical, N/O-donor tetradentate Schiff's Base, its Co(II), Ni(II), Cu(II), Zn(II) Complex and their in-vitro human pathogenic antibacterial activity, *Egyptian Journal of Chemistry*, 62(2) 2019, 291-310.

4. Interaction studies of carbon monoxide and iron porphyrins in ionic liquids, *DU J. Undergraduate Research and Innovation*, 2(1), 2016, 13-19.

Conference/ Symposium Organized/ Paper Presented

1. Webinar on “Sustainable Friendly Environment for Progress and Durability of Composite Structures”, organized by Chemical Society “Rasayanatva”, Department of Chemistry, Hansraj College, University of Delhi, Delhi on 12th March, 2022. (**Organizing Society Convenor**)

2. Webinar on “Path towards Progress: Now and Beyond”, organized by Department of Chemistry in association with IQAC, Hansraj College, University of Delhi, Delhi on 22nd January, 2022. (**Organizing Society Convenor**)

3. Webinar titled “Plagiarism in Academic Writing & Research”, organized by Rasayanatva: The Chemical Society of Hansraj College, Department of Chemistry in association with IQAC, Hansraj College, University of Delhi, Delhi on 20th November, 2021. (**Organizing Society Convenor**)

4. Webinar on “Environmentally benign solvents for sustainable development”, organized by Department of Chemistry in association with IQAC, Hansraj College, University of Delhi, Delhi on 23rd October, 2021. (**Organizing Convenor**)

5. Webinar on “Digital Transformation & Climate Change”, organized by Department of Chemistry in association with IQAC, Hansraj College, University of Delhi, Delhi on 9th October, 2021. (**Organizing Convenor**)

6. Online International Conference on Emerging Trends in Chemical and Applied Sciences for Sustainable Future, organized by Department of Chemistry, in association with IQAC, Hansraj College, University of Delhi, Delhi on 30th October, 2021.

7. National Conference on New Frontiers in Biosensing, organized by Department of Chemistry, Hansraj College, University of Delhi, Delhi on 3rd April, 2021. (**Program Coordinator**)

8. 1st International Conference of Indian Science Congress Association -Rohtak Chapter on “Science & Technology: Rural Development” organized by Department of Chemistry, MDU,

Rohtak on 05.03.2020. (**Poster Presentation**)

9. National Seminar on “Environment and Sustainability in the Third World” organized by Department of Chemistry & IQAC, Hansraj College (University of Delhi), Delhi on 28.02.2020. (**Program Coordinator**)

10. 1st International Conference on “Integrative Chemistry, Biology and Translational Medicine” organized by the Centre for the Global Health, Hansraj College (University of Delhi) & Loyola University of Chicago Stritch School of Medicine, USA on February, 25-26, 2019. (**Organizing Committee Member**)

11. Workshop on Skill Development to Build a Clean India organized by Deshbandhu College, University of Delhi and CSR, ONGC Ltd., Delhi on 07.06.2018 & 08.06.2018. (**Poster Presentation**)

12. National Seminar on Recent Trends & Advances in Chemical Sciences and their impact on Environment organized by Department of Chemistry, Amity School of Applied Sciences, Amity University, Rajasthan, Jaipur on 13.04.2018. (**Poster Presentation**)

12. 6th International Conference on Ecotoxicology & Environmental Sciences at Netaji Subhas Institute of Technology, Dwarka, Sector-3, New Delhi on Feb. 19-21, 2018. (**Poster Presentation**)

13. National Seminar on “Recent Innovations in Chemical Science and Environment Technology” at Sri Aurobindo College (University of Delhi), Delhi, on 3-4 March, 2017. (**Poster Presentation**)

14. 6th International Conference on Ecotoxicology & Environmental Sciences at Netaji Subhas Institute of Technology, Dwarka, Sector-3, New Delhi on Feb. 19-21, 2018. (**Local Organizing Member**)

15. National Seminar on “Role of Analytical Sciences in Sustainable Development” at Hansraj College (University of Delhi) on March 04-05, 2016. (**Organizing Member**)

16. Indo-Portuguese workshop on “Emerging trends of nanotechnology in chemistry and biology” at Department of Chemistry, Hansraj College, Deshbandhu College and University of Delhi on Feb. 12-13, 2016. (**Organizing Member**)

17. Workshop on “Relevance of Experimental Chemistry of Biotechnology” at Hansraj College (University of Delhi) on March 12-13, 2014. (**Organizing Member**)

18. Panel Discussion on World Ozone Day Celebrations: Focus “A Healthy Atmosphere, The Future We Want” at Hansraj College (University of Delhi) on September 16, 2013. (**Coordinating Team Member**)

19. National Seminar on “Chemistry in Interdisciplinary Applications” at Hansraj College (University of Delhi) on March 19, 2013. (**Treasurer**)

20. National Symposium on “Chemistry in Sustainable Development” at Hansraj College (University of Delhi) on December 18-19, 2006. (**Organizing Member**)

Workshops/ Conferences/ Symposiums attended

1. Participated in the National Education Conclave, organized by Hansraj College, University of Delhi, Delhi at Vigyan Bhawan, New Delhi on 23.03.2023-24.03.2023.

2. Participated in International Webinar on Empowering Diversity in Science (GWB-2022),

organized by Department of Chemistry, Kamla Nehru Mahavidyalaya, Nagpur, in association with Association of Chemistry Teachers (ACT) Mumbai & Department of Chemistry, Kalasalingam Academy of Research and Education (KARE) Krishnankoil in collaboration with IUPAC, Global Women's Breakfast-2022 on 16.02.2022.

3. Attended the session on "Power your research with Scopus", organized by Reseacher Academy on Campus at University of Delhi/Elsevier on 23.11.2021.

4. Participated in Online International Conference on Emerging Trends in Chemical and Applied Sciences for Sustainable Future, organized by Department of Chemistry, in association with IQAC, Hansraj College, University of Delhi, Delhi on 30.10.2021.

5. Participated in "Virtual International Conference on Multifunctional Advanced Materials (VICMAM-2021)", organized by Department of Chemistry, JVM's Degree College in collaboration with Association of Chemistry Teachers (ACT) on 09.08.2021-10.08.2021.

6. Participated in two days online Workshop on "Tools for Exploring Chemistry", organized by Department of Chemistry, Rajdhani College, University of Delhi, Delhi on 12.07.2021-13.07.2021.

7. Participated in the International E-Conference on Recent Advances in Chemical, Physical and Biological Sciences, organized by Department of Chemistry, Nabira Mahavidyalaya, Katol and Association of Chemistry Teachers (ACT), C/o Homi Bhabha Centre for Science Education (TIFR) Mumbai on 29.06.2021-30.06.2021.

8. Participated in One day Webinar entitled "Promotional Avenues for Teachers in Higher Education: CAS Regulations-2018" organized by GAD-TLC, SGTB Khalsa College, University of Delhi (PMMMNMTT, MHRD), Delhi on 05.09.2020.

9. Participated in the Webinar on "Student Learning Centre: Objectives and Perspectives", organized by Student Learning Centre, IQAC, Hansraj College, University of Delhi, Delhi on 13.07.2020.

10. Participated in the National e-Workshop/ Webinar on "Cinema, Patrakarita evam Vigyan Ki Takniki Shabdavali: Samasyaein aur Samadhan" organized by Hansraj College (University of Delhi) & Commission for Scientific and Technical Terminology (MHRD), Delhi during 11.07.2020 to 13.07.2020.

11. Participated in the National Webinar on Scintillating Chemistry (SC-2020) organized by Association of Chemistry Teachers (ACT-East Zone) on 28.6.2020.

12. Attended the Webinar on "Basic Documentation for Teachers" organized by IQAC, Hansraj College, University of Delhi, Delhi (Under PARAMARSH, a UGC Scheme) on 22.06.2020.

13. Participated in One day Webinar on "Role of ICC and Prevention, Prohibition and Redressal of Sexual Harassment of Workmen at Workplace" organized by Internal Complaints Committee, Hansraj College, University of Delhi, Delhi on 22.05.2020.

14. Participated in National Webinar on "Covid-19: Issues with Family" organized by NSS & Enabling Unit, Maitreyi College, University of Delhi, Delhi on 17.05.2020.

15. Participated in National Webinar on "Plagiarism: Issues & Challenges" organized by Maitreyi College, University of Delhi, Delhi on 15.05.2020.

16. Participated & Successfully completed "Covid-19 Quiz for Awareness" organized by Govt. P.G. College, Obra Sonbhadra on 15.05.2020.

17. Participated & Passed the e-Quiz on "Research Ethics And Plagiarism" organized by

Department of Studies & Research in Education, Vijayanagara Sri Krishnadevaraya University, Ballari on 15.05.2020.

- 18.** Participated & Passed in the Quiz on “Research Methodology” organized by Institute of Business Management & Department of Commerce, Mangalayatan University, Aligarh (UP) on 15.05.2020.
- 19.** Participated in the National Webinar on “Pustak ke Bahane Sahitya Paricharcha” organized by ARSD College, University of Delhi, Delhi on 13.05.2020.
- 20.** Participated in Two Days Webinar on “Myths and truths of fitness and corrective exercises for various body deformities” organized by Mahatma Hansraj Faculty Development Centre (PMMMNMST, MHRD), Hansraj College (University of Delhi), Delhi during 12.05.2020 to 13.05.2020.
- 21.** Participated in the National Webinar on “Research Methodology: An Overview” organized by ARSD College, University of Delhi, Delhi on 12.05.2020.
- 22.** Participated in the National Webinar on “Corona Crisis: A Gandhian Perspective” organized by ARSD College, University of Delhi, Delhi on 11.05.2020.
- 23.** Participated in the International Webinar on “Advertising Industry: Past, Present and Future” organized by ARSD College, University of Delhi, Delhi on 09.05.2020.
- 24.** Participated in the Webinar on “Cyber Security for Women” organized by IQAC, Lakshmbai College, University of Delhi and Delhi State Legal Services Authority on 08.05.2020.
- 25.** Attended the Webinar on “Material Science, Technology & Society” organized by School of Physical Sciences, JNU, New Delhi during 08.05.2020 to 09.05.2020.
- 26.** Three Days Webinar on “Covid 19: Challenges and Road Ahead” organized by Mahatma Hansraj Faculty Development Centre (PMMMNMST, MHRD), Hansraj College (University of Delhi), Delhi during 07.05.2020-09.05.2020.
- 27.** Participated in the Webinar on Security Aspects of Virtual World” organized by IQAC, Sri Aurobindo College, University of Delhi, Delhi on 07.05.2020.
- 28.** Participated in the National Webinar on “Higher Education in India after Covid-19” organized by ARSD College, University of Delhi, Delhi on 07.05.2020.
- 29.** Participated in the International Webinar on “Psychological Well-Being and Covid-19: An Internal Journey” organized by Women Development Cell, Shivaji College, University of Delhi, Delhi on 07.05.2020.
- 30.** Participated in the National Webinar on “Impact of Lockdown & Covid-19 on Financial Markets in India: The Way Forward” organized by ARSD College, University of Delhi, Delhi on 06.05.2020.
- 31.** Participated in One Day Webinar on “Strengthening the immune system with Naturopathy” organized by Department of Botany & IQAC, Hansraj College, University of Delhi, Delhi on 06.05.2020.
- 32.** Attended the 3rd Online Educational Leadership Forum Panel Discussion on the theme “Education in the times of Corona: Can mainstreaming Social-Emotional Learning (SEL) ensure effective learning & well-being?” organized by Council For Global Citizenship Education on 02.05.2020.
- 33.** Participated & successfully completed “Online Awareness Programme About Covid-19”

organized by IQAC Bhausaheb Vartak Library, H.P.T. Arts and R.Y.K. Science College, Nashik on 28.04.2020.

34. Participated in Webinar entitled “Molecular Visualisation Series I” on Learning Chemistry through ODYSSEY Software organized by Department of Chemistry, Hindu College in Collaboration with Wavefunction Inc., USA and Neotel System and Services on 06.04.2020.

35. Participated in the One Day National Seminar on Blended learning in Chemistry organized by GAD-TLC, Khalsa College, University of Delhi, Delhi (PMMMNMST, MHRD) on 28.05.2019

36. Successfully completed 1-Day Workshop on “Document Verification: A Forensic Perspective” organized by Shaheed Rajguru College of Applied Sciences for Women (University of Delhi), Delhi on 11.06.2018.

37. Participated in the Workshop on “Molecular Modelling” organized by Atma Ram Sanatan Dharma College (University of Delhi), Delhi on 23.01.2018.

38. Seminar on “Consciousness and Artificial Intelligence” organized by Indian Science Congress Association (Delhi Chapter) and Zakir Husain Delhi College (University of Delhi), New Delhi on October 25, 2017.

39. National Seminar on “Recent Advances in Chemical Sciences towards Green & Sustainable Environment: Swachh Bharat Abhiyaan Perspective” organized by Aditi Mahavidyalaya (University of Delhi), New Delhi, October 10-11, 2017.

40. Seminar on “Technical Terminology and Science Teaching”, organized by Commission for Scientific and Technical Terminology at Zakir Husain Delhi College (University of Delhi), Delhi on February 22-23, 2017.

41. National Conference on “Combating Industrial Pollution for Sustainable Environment-A Fusion of Industrial and Scientific Efforts”, at Department of Chemistry, Gargi College (University of Delhi) on September 22-23, 2016.

42. National Seminar on “Applications of Radioisotopes & Radiation Technology in Food, Environment, Healthcare and Industry” at Sriram Institute for Industrial Research, Delhi on August 08-09, 2016.

43. National Seminar on “Emerging Economics and Challenges to Sustainability towards Developing Nation” at Sri Aurobindo College (University of Delhi) on March 29-30, 2016.

44. International Conference on “Chemistry: Frontiers & Challenges” at Department of Chemistry (Aligarh Muslim University), Aligarh on March 02-03, 2013.

45. Project Monitoring Session of Chemical of Organic & Medicinal Chemistry & Chemical Technology Research Committee at CSIR Complex, Library Avenue, Delhi on Jan. 21, 2013.

46. Workshop on Theory & Practical Course-“Biochemistry & Environmental Chemistry” [B.Sc. (H) Chemistry (CHHT 514 & CHHP 514)] at Department of Chemistry, University of Delhi on July 02-07, 2012.

47. International Conference on “Interface between Chemistry and Environment” at Ramjas College (University of Delhi) on Dec. 13-14, 2012.

48. National Seminar on “Recent Trends in Chemistry” at Sri Venkateswara College (University

of Delhi) on March 20-22, 2012.

49. India Lab Expo & Conference, “2nd Conference on Laboratory & Analytical Technologies” at Pragati Maidan, Delhi on Dec. 10-11, 2010.

50. National workshop on “Role of Analytical Techniques in Industry” at Kirori Mal College (University of Delhi) on January 21-22, 2010.

51. Seminar on “B.Sc. Chemistry Hons. and B.Sc. Programme Chemistry” at Department of Chemistry, University of Delhi on September 13, 2008.

52. National Seminar on “Chemistry Education and Research in 21st Century” at Dyal Singh College (University of Delhi) on February 07-08, 2008.

53. Seminar on Third Year Chemistry Course of Restructured B.Sc. Programme at Department of Chemistry, University of Delhi on Oct. 27, 2007.

54. National Symposium on “Chemistry in Sustainable Development” at Hansraj College (University of Delhi) on Dec. 18-19, 2006.

55. Winter School Workshop on IR Spectroscopic Techniques at Kirori Mal College (University of Delhi) on Nov. 17, 2006.

56. “One day Seminar on Second Year Chemistry Course of Restructured B.Sc. Programme” at Department of Chemistry, University of Delhi on Nov. 11, 2006.

Research Projects

1. DU Innovation Project 2013-15:HR-205

“Developing a synthetic molecule imitating the properties of hemoglobin to reduce carbon monoxide emission from automobile exhaust”.

Awards and Distinctions

1. Second best poster award in National Seminar on “Recent Innovations in Chemical Science and Environment Technology” at Sri Aurobindo College (University of Delhi), Delhi on March 3-4, 2017

Association with Professional Bodies

1. Life member of Indian Society of Analytical Scientists (LMT-2008/19)

2. Life member of The Indian Science Congress Association (L 23625)

3. Life member of Association of Chemistry Teachers (LM: 1361)

Other Activities

1. Representative Member (SC/ST Category) of Vidyalaya Managing Committee of Kendriya Vidyalaya No.1 Delhi Cantt. from September, 2022 to till date.

2. Member of the selection committee for the recruitment of Scientist-B at Bureau of Indian Standards (BIS), Delhi on 21.09.2022.

- 3.** Member of the Adhoc Selection Committee of DAV Public School, Ashok Vihar, Delhi, to appoint TGT & PGT (Chemistry), 2014.
- 4.** I have participated & successfully completed "Covid-19 Quiz" organized by Gopichand Arya Mahila College, Abohar (Panjab University, Chandigarh)
- 5.** I have successfully participated in online quiz on "Perception and Prevention of Covid-19" organized by IQAC, SML. Govt. Degree College, Yemmiganur (Rayalaseema University, Kurnool)
- 6.** I have participated in Cricket Tournament 2011-12 in Science Team, organized by College Staff Association
- 7.** I have participated in Badminton Tournament Men's Singles 2010-11 organized by College Staff Association.
- 8.** I have participated in Badminton Tournament Men's Doubles 2010-11 organized by College Staff Association.
- 9.** I have participated in Badminton Tournament Men's Group B 2009-10 organized by College Staff Association.
- 10.** I have participated in Badminton Tournament Men's Doubles 2009-10 organized by College Staff Association.
- 11.** I have participated in Cricket Tournament 2010-11 in Science Team, organized by College Staff Association.
- 12.** I have participated in Cricket Tournament 2009-10 in Science Team, organized by College Staff Association.
- 13.** I have participated in College Annual Cultural Programme 2010-11 in the field of music (Vocal) organized by College Staff Association.
- 14.** I have completed Ilyr in Music (Vocal) from Prayag Sangeet Samiti, Allahabad in June 2009.
- 15.** I have completed Ilyr (Junior Diploma) in Music (Vocal) from Prayag Sangeet Samiti Allahabad in June 2008.

Signature of Faculty Member