




Faculty Details proforma for DU College Web-site



Title	Dr.	First Name	Neeti	Last Name	Misra	Photograph
Designation		Associate Professor				
Address		Department of Chemistry Acharya Narendra Dev College,(University of Delhi), Govindpuri, Kalkaji, New Delhi-110019				
Phone No Office						
Residence						
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Email/ Web-Page		neetimisra@andc.du.ac.in				
Educational Qualifications						
Degree		Institution			Year	
B.Sc.(Hons) Chemistry		Hindu College, University of Delhi			1992	
M.Sc. Chemistry		Hindu College, University of Delhi			1994	
Ph.D.		Department of Chemistry University of Delhi			1999	
Career Profile						
Associate Professor, Acharya Narendra Dev College (2009-) Assistant Professor, Acharya Narendra Dev College (July 2006-2009) Senior Lecturer, Acharya Narendra Dev College (16th July-2006) Lecturer, temporary, Kirori Mal College (1st August 1996- 15th July 2003)						
Administrative Assignments						
Convenor, Finance Committee (2019-) Convenor, Career Counselling and Placement Cell(2018-) Convenor Workload and Timetable Committee (2016-2018, 2012-13) Member of Courses Committee, Department of Chemistry, DU (2012-14) Teacher-in-Charge Chemistry (2010-2012) Convenor , Library Committee (2010-2012) Convenor, Foreign Language Courses (2006-2009) Co-convenor of the library committee(2008-10).						
Areas of Interest / Specialization						
Physical Chemistry						
Subjects Taught						
Physical Chemistry papers of B.Sc. (hons)Chemistry and B.Sc. Programme Applications of computers in Chemistry						

Research Guidance
Publications Profile
Books published
(i) Understanding chemistry through numerical problems, R.R. Misra, Neeti Misra , Arya Book Depot (2001).
(ii) Chemistry –XI, R.R. Misra, Neeti Misra , Arya Book Depot (2003).
(iii) Chemistry –XII, R.R. Misra, Neeti Misra , Arya Book Depot (2003).
(iv) Complete Course in Chemistry, Class XI, R.R. Misra, Neeti Misra, Preeti Misra, Arya Publishing Company (2006).
(v) Complete Course in Chemistry, Class XII, R.R. Misra, Neeti Misra, Preeti Misra, Arya Publishing Company (2007).
(vi) Numericals in Chemistry, Class XII, R.R. Misra, Neeti Misra, Avichal Publishing Company (2008)
(vii) ISC Practical Chemistry, Class XII, R.R. Misra, Neeti Misra, Anju Srivastava, Reena Jain, Arya Publications (2008).
(viii) Understanding ISC Chemistry, Class XII, R.R. Misra, Neeti Misra, Anju Srivastava, Reena Jain, Arya Publications (2008).
(ix) ISC Practical Chemistry, Class XI, R.R. Misra, Neeti Misra, Anju Srivastava, Reena Jain, Arya Publications (2008).
(x) ISC Practical Chemistry, Class XII, R.R. Misra, Neeti Misra, Anju Srivastava, Reena Jain, Arya Publications(2009).
(xi) Easynow manuals, Vol.1-6, Savithri Singh & Neeti Misra, 2009, CEMCA publication.
(xii) Four Chapters in class XII book, CBSE-i
(xiii) Chemistry Class-XII, Dr. R. R. Misra, Dr. Neeti Misra, Arya Publishing Company, Second Edition 2014.
(xiv) Chemistry Class-XI, Dr. R. R. Misra, Dr. Neeti Misra, Arya Publishing Company, 2014.
(xv) Numerical Problems in Chemistry, Class XII, Dr. R. R. Misra, Dr. Neeti Misra, Dr. Sonalika Vaidya, Avichal Publishing company(2014)
Research Publications:
1. Interpolymer complexes of a graft copolymer with polyelectrolytes and equivalent blends of binary homopolymer complexes: A comparative study of their stability and thermodynamic parameters. S.K. Chatterjee, Neeti Misra , Macromolecular Chemistry and Physics, 197, 4193-4206 (1996)
2. Interpolymer association between random and graft acrylic copolymers with poly(ethylene imine):effects of copolymer structures. S.K. Chatterjee, Neeti Misra , Polymer, 38(6), 1485-1490 (1997).
3. Copolymer-polyelectrolyte- homopolymer associations: Effect of neighbouring comonomer units and copolymer structure on interpolymer complexation. S.K. Chatterjee, Neeti Misra , Polymer International,47, 367-374 (1998).
4. Fluorescence studies of complexation of auramine O labeled poly(methacrylic acid) and related acrylic copolymers with non-ionic homopolymers. S.K. Chatterjee, Neeti Misra , J. of Macromolecular Science-Pure and Applied Chemistry A36(1), 85-104 (1999)
Conference / Presentations /Workshops

Conference Publications				
Year of Publication	Title	Journal	Co-author/s	
2005	How to make classroom chemistry teaching an efficient way of learning?	National Symposium on Innovative Methods in Chemistry Education IMCE -2005 organised by Indian Association of Chemistry Teachers held at CDRI, Lucknow, India	Dr. Manisha Jain	
2005	How to make Chemistry Lab an Efficient place for learning while working?	National Symposium on Innovative Methods in Chemistry Education IMCE -2005 organised by Indian Association of Chemistry Teachers held at CDRI, Lucknow, India	Dr. Manisha Jain	
2010	EasyNow Techniques: Empowering teachers to create contents using information and communication technologies	Sixth Pan-Commonwealth Forum on Open Learning, 24-28 th Nov. 2010, Kochi, Kerala.		
2011	Initiative of Acharya Narendra Dev College in promoting Open Source	International Conference "Open Paradigms in Education (OPEN 2011)"	Dr Subhash Kumar	
2012	Role of education in fostering creativity and innovation	Academic Congress conducted by University of Delhi		
2016	An innovative undergraduate virtual	19 th CRSI National	Neeti Misra,	

	chemistry laboratory: Design and Learning Outcomes	Symposium in Chemistry (University of North Bengal, Siliguri, Darjeeling, West Bengal, on 14 th -16 th July 2016).	Vibha Gaur et al
2017	Designing a Virtual Chemistry Lab for Undergraduate Students	3 rd India International Science Festival under SYPOG-Young Scientist's Conclave, held at Anna University, Chennai (13 th -16 th October 2017).	Neeti Misra, Vibha Gaur, Rahul Dwivedi, Manish Kumar Singh, Sagar Patwal, Sachin Kumar, Shivam Agarwal, Parag Jain, Gaurav Prakash, Kunaal Madaan, Palak Sharma, Shivani Goyal.

Research Projects (Major Grants/Research Collaboration)

Projects

- **IEDC Project** (Innovation & Entrepreneurship Development Centre) "Development of Low-Cost disinfectant using cow urine," under DST sponsored scheme, 2014-15.
- **Innovation Project**, "Mobile Phone as a real time sensor based undergraduate laboratory" University of Delhi, 2012-13.

Elite Projects (Co-mentor):

1. To extract the coloured component of Hibiscus rosa-sinensis flower and study its potency as a pH indicator, 2019 (with Dr Neeti Misra and Dr Kavita Mittal)
2. Detection of adulterants in milk from different sources & Synthesis of metal complexes of Schiff bases using sonication, 2019 (Dr Neeti Misra, Dr Kavita Mittal and Dr Leena Khanna, USBAS, GGSIP University)
3. Study and extraction of medicinally important plant *S. chirata* & examination of chemical adulteration in food items, 2018 (with Dr Neeti Misra and Dr Kavita Mittal)
4. Spectrophotometric studies of Turmeric extracts and review of its medicinal properties, 2017 (with Dr Neeti Misra and Dr Leena Khanna, USBAS, GGSIP University)

Awards and Distinctions

Association With Professional Bodies
1. Life member of Indian Society of Analytical Sciences 2. Life member of Indian Association of Chemistry Teachers
Other Activities
(a)Curriculum development: (i) Coordinator of syllabus revision for three courses under LOCF (ii)Member of the syllabus revision committee for chemistry (2012-13) (iii)Member of the syllabus revision committee for chemistry(2009-10). (iv) Member of the sub-committee of the Committee of Courses of the Department of Chemistry, University of Delhi for the revision of B.Sc. (Honours) and B.Sc. Programme syllabus. (2008). (v) Member of the committee to review the Restructured course of B.Sc. Programme (2007). (vi)Co-opted member of the committee for the development of Analytical Techniques paper of Restructured course of B.Sc. Programme (2004-05) (vii) Participated in various workshops conducted by CIET, NCERT

Signature of Faculty Member