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## Formate for Academic and Personal Information

0. Name: Dr. Chandana Mukherjee (nee Haldar)
1. Department: Chemistry
2. Designation: Associate Professor
3. Phone no. Landline : nil Mobile: 9818563716
4. Email id: [mukherjee\\_chandana16@yahoo.co.in](mailto:mukherjee_chandana16@yahoo.co.in)
5. Educational Qualifications:

Qualification	Title/Course	University	Year
Undergraduate	B.Sc.(Hons.) Chemistry	Delhi	1980
Postgraduate	M.Sc. Chemistry	Delhi	1982
Ph.D.	On Certain Aspects of Solid State and Solar Energy Problems	Delhi	1987
Any other	Post-doctoral research as Research Associate	Delhi	March, 1988 to August, 1991.

### 6. Career profile

Teaching Experience in years	Area of Specialization	Courses and Subjects taught
24 years (Permanent + Temporary)	Inorganic Chemistry and Environmental Chemistry	M.Sc. – Inorganic Chemistry B.Sc.(Hons.)Chemistry – Inorganic Chemistry and Environmental Chemistry B.Sc.(Genl.)/(Prog) – Inorganic Chemistry

### 7. Staff Development Programmes: Attended and Organised

Refresher Courses / Orientation Programmes	<ul style="list-style-type: none"> <li>• Refresher Course in Chemistry (CH – 78) entitled <b>Current Developments in Chemistry</b> conducted by Centre for Professional Development in Higher Education, University of Delhi from October 3 to October 23, 1996.</li> <li>• Refresher Course in Chemistry (CH – 81) entitled <b>Chemistry Teaching and Human Life</b> conducted by Centre for Professional Development in Higher Education, University of Delhi from May 12 to 31, 1997.</li> <li>• Refresher Course in Environmental Science conducted by Academic Staff College, Jawaharlal Nehru University from March 15 to April 9, 1999.</li> <li>• Refresher Course in Chemistry (CH – 90) conducted by Centre for Professional Development in Higher Education, University of Delhi from November 15 to December 5, 2000.</li> </ul>
Summer/ Winter School Workshops	Contributed in Summer School (6 <sup>th</sup> to 9 <sup>th</sup> July,2010) Workshop for Science Students Organized by Gargi College Under Star College Scheme and Funded by Department of Biotechnology, Ministry of Science and Technology.

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Any Other	Coordinator of add – on – course entitled (a short certificate course) <b>Climate Change – Concerns, Actions and Career Paths</b> during 2010 – 2012.
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## 8. Areas of Interest

<b>Academic</b>	Reading books
<b>Non Academic</b>	Listening music

## 9. Corporate Participation / Positions held

- Member of the Chemistry Department, Time – Table committee from 1999 – 2001.
- Member of the Admission Committee during 2000 – 2001.
- Teacher – in – Charge of the Department of Chemistry from 2000 – 2002.
- Deputy Superintendent of annual University examination held in the college in 2003.
- Convenor of the Prize Committee during 2012 – 2013 and member of the prize committee from 2005 - 2015.
- Science Convenor of the Admission Committee for the academic year 2015 – 2016.
- Bursar from August, 2015 till to date.

## 10. Research Publications/Undertaken and Conference/Symposia/Workshops Attended /Organised.

- S. Lahiry and C. Haldar, *Proceedings of the 7<sup>th</sup> International Miami Conference held from December 9 – 12, volume – II.*
- S. Lahiry and C. Haldar, *Use of semiconductor materials as sensitizers in a photochemical energy storage reaction, norbornadiene to quadricyclane, “Solar Energy”, 1986, Vol.37, No.1, p 71 – 73.*
- S. Lahiry and C. Haldar, *Self reversed thermoremanent magnetization in manganese nodules, Volume 29 c, Proceedings of the Solid State Physics Symposium held in G.B. Pant University, Pantnagar, December 20 – 23, 1986,* Organised by Board of Research in Nuclear Sciences, Department of Atomic Energy, Government of India.
- Attended National Training Workshop on **Industrial Solar water Heaters** organized by Department of Non-Conventional Energy Sources, Ministry of Energy, Govt. of India from February 9 – 11, 1987.
- Organised National seminar on **Criminology and Forensic Science** in December 1998, at Chemistry Department, Gargi College, University of Delhi.
- Organised National seminar on **Chemistry, Environment and You – Challenges for the Future** in September 2007, at Chemistry Department, Gargi College, University of Delhi.

### 3:

- S. Bhanumati and Chandana Mukherjee, *Chemistry on a Green and Sustainable Chemistry* published in **Invention Intelligence, 2009** of National Research Development Corporation (A Government of India Enterprise).
- Chandana Mukherjee, Malini Rajendran, Poonam Sharma and S. Bhanumati – *Empowering Student Education in Chemistry with Novel Green Ideas and Tools* paper presented in **13<sup>th</sup> Annual Green Chemistry and Engineering Conference held in Maryland, USA from June 23 – 25, 2009.**
- Chandana Mukherjee, Minakshi Bhardwaj and S. Bhanumati *Reclaiming and Recycling Silver (a precious metal) from Lab Waste of Undergraduate Students* paper presented in **13<sup>th</sup> Annual Green Chemistry and Engineering Conference held in Maryland, USA from June 23 – 25, 2009.**
- Chandana Mukherjee and S. Bhanumati, *Removal of Toxic Metals (Lead and Mercury) from water sample Using a Biogenic Adsorbent* published the project by **Vigyan Prasar (Department of Science and Technology)** under Chemistry activities during the International year of Chemistry – 2011.
- Chandana Mukherjee and S. Bhanumati, *Removal of Mercury from Aqueous System using an Adsorbent from an uncommon source* paper was accepted for presentation at the **14<sup>th</sup> Annual Green Chemistry and Engineering Conference held at Washington DC during June, 2010** and it was appreciated by Department of Environment Protection Bureau of Waste Management, (USA) Harrisburg, PA.
- Green Chemistry Letters and Reviews, Yale University (USA) invited to review a manuscript entitled “*Removal of Toxic dichlorophenol from water by sorption with chemically activated carbon of almond shells – a green approach* ” the paper was reviewed and modified.
- Chandana Mukherjee, Man Singh and S. Bhanumati, *Comparative study of ionic interactions of 1 : 1 and 1 : 2 electrolytes of nitrate salts solutions with water analysed with physicochemical data*, **Physics and Chemistry of Liquids, Publisher-Taylor & Francis U.K. Volume 50, Issue 5, 2012 pages 617-629.**
- S. Bhanumati and Chandana Mukherjee, *Initiatives in Undergraduate Education by “GGrASP, Journal of Teaching and Education CD – ROM Volume 01, Number 02, 2012*
- Attended National Conference on **Women, Environmental Education and Climate Change** organized All India Foundation for Peace and Disaster Management supported by The American Center, New Delhi from 28 – 29 May, 2010.

#### 11. Any Other

- (i) Conducted Practical for the students of Indira Gandhi National Open University.
- (ii) Set the Question papers in Environmental Chemistry for the students of Indira Gandhi National Open University.
- (iii) Invited as a resource person to prepare the question bank in Environmental Chemistry by Indira Gandhi National Open University.