



**Name:** Dr. Jitendra Kumar Gupta  
**Designation:** Associate Professor- Chemistry  
**Teaching Area:** Chemistry & Allied Area  
**Research Interests:** Computer Assisted Drug Design, Solid Waste Management

**Education:** M.Sc. (Chemistry), Bundelkhand University, Jhansi, 1986.  
PhD(Chemistry), Kanpur University, Kanpur, 1992.

#### Awards

1. Received J.R.F Fellowship from Nov.1986 to Sep.1988 in CSIR, New Delhi Sponsored Project at BITS, Pilani
2. Received Post Doctoral Fellowship from August 1993 to August 1995 in DBT, New Delhi Sponsored Project at Bose Institute, Calcutta.

#### Professional Experience: (18 Years)

1. July 2011 to Till date a Associate Professor at The Icfai University, Jaipur.
2. Aug,2003 to July 2011 as Faculty Member at The Icfai University, Dehradun.
3. July, 1999 to August, 2003 as a Lecturer in Chemistry at Modern College, University of Pune.
4. July,1997 to April ,1999 as a Lecturer in Chemistry at NDA, Khadakwasla, Pune, Maharashtra.
5. July, 1996 to April, 1997 as a Lecturer in Chemistry at D.Y. Patil A.C.S College, University of Pune.

#### Co-Curriculum Activities

1. Associated as Officer "Central Assessment Programme" University of Pune.
2. Associated with various committee related to admission, academic affairs , Examination ,Discipline & Finance
3. Paper setter and examiner.

#### Seminar/Workshops/Symposium

1. Attended workshop of Indian Chemical society at Jaipur On 27-31dec, 2007.
2. Attended Workshop on "Control & Mitigation of Excess fluoride in Drinking water "at Jaipur conducted by PHED, Rajasthan & UNESCO on 5-7 February, 2004.
3. Attended Workshop on "SYBsc restructure ship in syllabus "at SharadabaiPawar college, Baramati conducted &Financed by University of Pune in the year 2003.
4. Attended Workshop on "FYBsc restructure ship in syllabus "at Anna sahib Magar College, Pune conducted &Financed by University of Pune in the year 2002.
5. Attended workshop on Micro Scale Technique in Chemistry conducted by University of Pune "at Anna sahib Magar College, Pune in the year 2002.
6. Attended workshop on Micro Scale Technique in Physical Chemistry conducted by University of Pune "at Wadia College, Pune in the year 2001.
7. Attended Seminar on 'Advancement in material Science at A.S.C College Wagholi, Pune in February, 2001
8. Attended Symposia on "Protein structure Function &Engineering under the auspices of IUBMB Satellite symposium at Bose Institute, Calcutta.1994
9. Presented a paper entitled "QSAR study on Renin Inhibitor in the poster Session of Medicinal Chemistry organized by IPA at Bombay, 1989.

10. Presented a paper entitled "QSAR study on 5-Lipoxygenase in the poster Session of Medicinal Chemistry organized by IICB, Calcutta in the year 1988.
11. Presented a paper entitled "QSAR study on HMG-CoA reductase inhibitor in the Session of Medicinal Chemistry at IPA, Calcutta in the year 1988.

#### **PAPERS PUBLISHED IN JOURNALS (11)**

1. A Quantitative Structure Activity Relationship study for Local Anesthetic Activity of Mono&Diaryl-2-Quinuclidinyl Carbinols, Res. Commun. Chem. Pathol & Pharmacol, 67, 2, 297, 1990.
2. A Quantitative Structure Activity Relationship on the Inhibitory effect of local Anesthetics on Sodium Flux, Phosphoinositide breakdown, & Binding to Sodium Channels Drug Design & Delivery, 6, 131, 1991.
3. A Quantitative Structure Activity Relationship study on some Local Anesthetic drug, Accepted.
4. A Quantitative Structure Activity Relationship of 3-Hydroxy-3-Methyl Glutaryl CoA Reductase Inhibitor J. Pharmbio-Dyn., 11, 591-99, 1988.
5. A Quantitative Structure Activity Relationship study on Renin Inhibitor 5 Drug Design & Delivery, 73, 1989.
6. Quantitative Structure Activity Relationship study on some Dihydropyridine Reductase (DHPR) Inhibitors J. Enzyme Inhibition 2, 231, 1989.
7. A Quantitative Structure Activity Relationship study on some Pyrazolo(4,5-C) Quinolines acting as inhibitor Res. Commun. Chem. Pathol & Pharmacol, 65, 1, 1197, 1990.
8. Quantitative Structure Activity Relationship studies on some 5-Lipoxygenase Inhibitors J. Enzyme Inhibition 3, 179, 1990.
9. A Quantitative Structure Activity Relationship study on Papaverin Analogues (Published).
10. Disposable plastics, "A boon or a Curse?" International journal of Scientific and research publication, Volume 2 issue 1, January 2012.
11. Mixed Integer Linear Programming Model for Solid Waste Management in Urban Area, Aryabhata Journal of Mathematics and Informatics, Vol4. No2. December, 2012.