Professor D.D. Agarwal

Professor D.D. Agarwal (born Jan 8th 1956) completed his B.Sc. Chemistry and M.Sc. (Organic Chemistry) from Meerut University, Meerut and Ph.D. from University of Roorkee (presently IIT Roorkee), Roorkee in 1981. Subsequently he moved to France as a Post Doctoral Fellow at Institute de Recherché Jur La Catalyse, France during Dec. 1981 to Dec. 1982. He joined University of Roorkee as CSIR, Pool scientist in January 1983 and worked up to March 1985. He joined Jiwaji University as Lecturer in April 1985. He worked in NCL, Pune, Indian Association for cultivation of Science, Calcutta as UGC visiting associate and MPCST young scientist awardees. He became Reader in 1993. He designed and implements an innovative program "MBA Chemical Sales in Marketing Management" in 1994. In 1995 he was awarded D.Sc. in Chemistry by Jiwaji University. He was selected as Professor in 2001. He introduced another innovative program "M.Sc. Industrial Chemistry" in 2003. He has been Director, Institute of Engineering, Jiwaji University during February to Dec. 2005 and Director Pharmacy Institute during June 2006 to July 2008. He did MBA in Marketing and presently pursuing Ph.D. in Corporate Branding.

Dr. D.D. Agarwal's research interest lies broadly in the area of homogeneous catalysis, organic synthesis of industrial importance. Dr. D.D. Agarwal has completed projects funded by CSIR, UGC, DRDE and MPCST. He has published more than 70 publications and guided more than 20 Ph.D. and 9 M.Phil. candidates. He is presently involved in development to reagent system for halogenations, new catalyst for multi component synthesis and synthesis applications of materials.

Selected Publications:

- **D. D. Agarwal,** Vinita Dubey and and Toral Parmar

  Thio compounds as stimulants of sulfur-mustard for testing of protective barriers.

  J.APPL. POLY.SCI., 111, 928 (2009)

- **D.D. Agarwal,** S. Benerjee and Savita Gupta

  Synergistic combination of metal stearates and B- diketones with hydrotalcites in PVC stabilization.

  J. Appl. Poly. Sci. 112, 1056 (2009)

- **D.D. Agarwal,** S. Benerjee and Savita Gupta

  Thermal Stabilization of Poly (vinyl chloride)by hydrotalcites, zeolites and conventional stabilizers.

  J. Vinyl & Addit. Tech. 15(3) 164 (2009)

- **D.D. Agarwal,** Lalit Kumar, Tanu Mahajan and Vivek Sharma

  Instantaneous, fecile and selective synthesis of tetra bromo bis phenol – A using KBr_3: An efficient and reusable brominating agent.

  Org. Process, Res. Dev. (ACS) 14(1), 174 (2010)

- **D.D. Agarwal,** Lalit Kumar, Tanu Mahajan and Vivek Sharma

  Environmentally benign and rapid bromination of industrially important aromatics using an aqueous $CaBr_2 – Br_2$ system as an instant and renewable brominating reagent.

  Ind. Engg. Chem. Res. (ACS) (2010 in press)

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