



Personal details

Dr. Suman Lata Jain, Senior Scientist & Head, Synthetic and Applied Chemistry Area
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Education

Ph.D. in Chemistry – Synthetic Organic Chemistry; from CSIR-Indian Institute of Petroleum, Dehradun

Professional Experience

AvH-Humboldt Fellow at University of Regensburg, Regensburg, Germany

Research Associate at CSIR-Indian Institute of Petroleum, Dehradun

Awards and Achievements:

- Selected for CRSI-Bronze medal-2017
- Awarded INSA Professor DS Kothari Chair award 2017-18
- Selected for INSA-Deputation of Indian scientists abroad under bilateral exchange programme 2017-18
- Selected as founding member of Indian National Young Academy of Science (INYNAS)
- Awarded SERB-Women Excellence Award by DST-2013
- Awarded CSI- Young Scientist Award-2010
- Awarded INSA-Young Scientist Medal-2005
- Awarded NASI-Platinum Jubilee Young Scientist Award-2007
- Awarded Alexander von Humboldt (AvH) research fellowship - 2007
- Awarded Hindustan Platinum Award for best oral presentation by Catalysis Society of India-2007.
- Received most cited research paper Award for the paper published in Tetrahedron Letters by Elsevier Publications-2006
- Selected and participated in the 18th Meeting of Nobel Laureates and Students In Chemistry-2006 held at Lindau, Germany and visited various research Institution of Germany during 1-7th July 2006.
- Awarded Indo-French Post-doc Fellowship-2006
- University Topper and Gold Medalist in M. Sc
- Awarded GATE (Graduate and Aptitude Test of Engineering)-1998 Fellowship
- Awarded Junior Research Fellowship (NET-CSIR) (1999-2001),

Research Expertise

- Utilization of carbon dioxide for fuel and value added chemicals
- Photocatalytic reduction of carbon dioxide and other organic substrates
- Green Chemistry
- Cost effective environmentally benign multi-functional additives for lubricating oils
- Value addition of refining streams mainly C4 to chemicals
- Polymer synthesis/applications

Publications & Patents

Science Citation Indexed-International journals: 218; Citation: 3027; h-index: 30

Patents: 21 (six granted in US); Book Chapters (Four)

Google scholar link: <https://scholar.google.co.in/citations?user=mgEP4coAAAAJ&hl=en>

Research gate ID: https://www.researchgate.net/profile/Suman_Jain2