

Dr. G. Sekar

Professor

Department of Chemistry

Indian Institute of Technology Madras

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B.Sc.: Madras University, India, 1993

M.Sc.: Madras University, India, 1995

Ph.D.: IIT Kanpur, 1999 (Guide: Padma Shri Prof. Vinod K. Singh)

**Research Area (Organic Chemistry)**

- Organic synthesis
- Metal nanocatalysis
- Halogen bonding catalysis

Postdoctoral Experience

- Senior postdoctoral scholar, Caltech, USA, with Prof. Brian M. Stoltz (2003 – 2004).
- Humboldt (AvH) postdoctoral fellow at University of Goettingen, Germany, with Prof. L. F. Tietze (Jul. 2001 – Dec. 2002).
- JSPS postdoctoral fellow at Toyohashi University of Technology, Japan, with Prof. H. Nishiyama (Apr. 2000 – Jun. 2001).

Awards/Honors

- Golden Jubilee Alumni endowment lecturer award (2020), Dept. of Organic Chemistry, Madras University.
- Fellow National Academy of Sciences (FNASc., 2019)
- Regional Coordinator (Chennai), KVPY (2019 – till date)
- National Organic Symposium Trust (NOST) council members (Jan. 2019 – Jan. 2023)
- Fellow of Royal Society of Chemistry (FRSC, 2018)
- Fellow of the Academy of Sciences, Chennai (FASCh., 2018)
- Mid-Career Research & Development Award (IRDA-2017) by IIT Madras
- CRSI council members (April 1, 2017 – 31.3.2020)
- CRSI Bronze Medal-2015
- Editorial board member of "ISRN Organic Chemistry" (Hindawi's open access journal)
- AvH Foundation's (Germany) Equipment Grant (2009-10)
- Humboldt Postdoctoral Fellowship (AvH), Chemistry (July 2001 - December 2002)
- JSPS Postdoctoral Fellowship, Japan (April 2000 - June 2001)

Research Output

- 122 research publications in highly rated international journals.
- Graduated 23 Ph.D. students and presently guiding 10 Ph.D. students
- Published one book and one book chapter.