

Dr. G. Sekar

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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)**

Asymmetric synthesis; Synthetic methodology; Halogen bonding Catalysis

Postdoctoral Experience

- Senior postdoctoral scholar with Prof. Brian M. Stoltz, Caltech, USA, (2003–2004).
- AvH postdoctoral scholar with Prof. L.F.Tietze, Göttingen Univ., Germany (2001–2002).
- JSPS postdoctoral scholar with Prof. H. Nishiyama, TUT, Japan (2000–2001).

Research Output

- 130 research publications in highly rated international journals.
- Graduated 25 Ph.D. students and presently guiding 12 Ph.D. students.
- H-index: 36; Total citations: 4,018 (as on 20.01.2022; Scopus ID: 6602184820).

Awards/Honors

- Review Editor of *Frontiers in Chemistry* (Impact Factor: 5.221) from Dec. 2021 to till date
- Co-opted member, PAC of Organic Chemistry, DST-SERB (June 2021 – June 2024)
- Member of reviewers' panel for *Current Organocatalysis*, *Current Organic Synthesis* and *Current Catalysis* journals (2022 onwards)
- Continuous reviewer for CSIR-FIRST Scheme, CSIR India (from April 2021)
- Member of the Screening Committee for DST “SERB-SUPRA,” (2020-2021)
- Convener, CRSI Chennai Local Chapter (2020 – 2023)
- Golden Jubilee Alumni endowment lecturer (2020), Dept. of OC, Madras University.
- Joint Secretary, CRSI (2020 – 2023)
- Executive Council Member, Academy of Sciences, Chennai (2020 – till date)
- 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)