



Indo-French Seminar on Catalysis for Sustainability

10-13 December 2023

Dr. Ramasamy Mayilmurugan

Assistant Professor

Department of Chemistry
Indian Institute of Technology Bhilai
Chhattisgarh, India
Contact Number: +91-9943041049
E-Mail: murugan@iitbhilai.ac.in
Web page: <https://www.iitbhilai.ac.in/index.php?pid=murugan>



RESEARCH INTEREST: Bioinorganic Chemistry and Bioinspired Catalysis: Small Molecule Activation (O_2 and CO_2) by Bioinspired Approach- Inorganic Chemical Biology: Smart PARACEST and T1- MRI-Contrast Agents - Optical Imaging Probes.

ACADEMIC BACKGROUND

- Fulbright Scholar, University at Buffalo, State University of New York, USA (Mentor: Prof. Janet R Morrow, Assoc. Editor, Inorganic Chemistry)
- 2009-2010 : Post-Doctoral Research Associate, Karl-Franzens-Universität Graz, Austria (Mentor: Prof. Nadia C. Mösch-Zanetti)
- 2003-2008 : Ph.D. School of Chemistry, Bharathidasan University
- 2000–2002 : M.Sc. Madurai Kamaraj University
- 1997-2000 : B.Sc. Madurai Kamaraj University

PROFESSIONAL EXPERIENCE

- Jan. 2022–Present: Assistant Professor, Department of Chemistry, IIT-Bhilai
- 2011–2021 : Assistant Professor, School of Chemistry, Madurai Kamaraj University, India.

AWARDS AND RECOGNITIONS

- CRSI Bronze Medal (2020), Chemical Research Society of India (CRSI)
- CRSI Council Member (2020-23)
- Fulbright Outreach Fund (2015)
- Fulbright Scholar Award (2014), Fulbright Commission in India (USIEF)
- DFG-INSA Fellowship to Germany (2014)
- DST Young Scientist Project Award (2012)
- Foreign Travel Grant by DST and CSIR to Germany (2005)
- CSIR-NET (2003) and CSIR-Senior Research Fellowship(2005), India
- Gold medal for securing the first rank in M.Sc (2002)
- Tamil Nadu State Government Post Graduate Student Project Award (2002).

VISITING PROFESSORSHIP

- Royal Institute of Sweden, Stockholm (December 2013)
- Heidelberg University, Germany (May –July 2014)
- Karl-Franzens-Universität Graz, Austria (Sep.-December 2013)
- Karl-Franzens-Universität Graz, Austria (May –June 2011)

RESEARCH PROJECTS AND STUDENT GUIDED

- Completed Projects: 7 (DST, SERB, BRNS, DBT and UGC)
- Ongoing: 3 (SERB, IIT Bhilai, RIG)
- PhD student Guided: 7 Ongoing -4; Master Student Guided: 24.

PUBLICATIONS: Total published: 51; h-index: 21; i-10 index: 34.