

Dr. A. S. GANESHRAJA M.Sc., Ph.D.
Assistant Professor
Department of Chemistry, SRMIST
Ramapuram Campus, Chennai
ganeshra@srmist.edu.in



Dr. A. S. Ganeshraja serves as an Assistant Professor of Chemistry at SRM Institute of Science and Technology, Ramapuram Campus, located in Chennai, Tamil Nadu, India, a role he has held since December 2022. With an impressive track record, he brings over four years of teaching experience to his position. Dr. Ganeshraja's academic journey also includes postdoctoral research spanning nearly four years, from August 2014 to June 2018, at the Mössbauer Effect Data Center (MEDC), situated within the Dalian Institute of Chemical Physics (DICP) under the Chinese Academy of Sciences. This renowned institute is globally recognized for its contributions to catalysis and chemical physics. His academic achievements include a Ph.D. in Chemistry earned from Pondicherry University, Puducherry, India, in January 2014, building upon his studies that commenced in 2008. Pondicherry University holds a prominent position among India's central universities. Dr. Ganeshraja's scholarly impact extends to the publication of numerous research papers—currently totaling 41—in reputable international journals. His dedication and accomplishments were acknowledged through the prestigious CAS President's International Fellowship Initiative program, a distinction he received in 2015. Further establishing his prominence in the field, Dr. Ganeshraja secured his own research funding, supporting international young scientists through the National Natural Science Foundation of China (NSFC). This commitment to fostering scientific growth culminated in his recognition as a recipient of the TYSP-Talented Young Scientist Program fellowship for Assistant Researcher by the China Science and Technology Exchange Center (CSTEC), endorsed by the Chinese Government in 2018.

Research Focus Areas:

1. Utilization of Nanomaterials as Photocatalysts
2. Development of Eco-Friendly Catalysts for Energy and Environmental Applications
3. Investigation of Mossbauer Active Compounds
4. Exploration of Transition Metal Complexes for Diverse Applications

Selected Publications:

1. Ganeshraja et. al., Catalysts, 2023, 13, 1200.
2. Ganeshraja et. al., Journal of Solid State Chemistry, 2023, 327, 124278.
3. Ganeshraja et al., Results in Chemistry, 2022, 4, 100557.
4. Ganeshraja et al., Journal of Molecular Structure, 2021, 1225, 129160.
5. Ganeshraja et al., Catalysis Today, 2020, 355, 333.
6. Ganeshraja et. al., Journal of Alloys and Compounds, 2018, 765, 551.
7. Ganeshraja et. al., Applied Surface Science, 2018, 441, 678.
8. Ganeshraja et. al., ChemistrySelect 2017, 2, 10648.
9. Ganeshraja et. al., Journal of Physical Chemistry C 2017, 121, 6662.
10. Ganeshraja et al., Journal of Alloys and Compounds, 2017, 706, 485.

Books/Book Chapters Published:

1. “Nanomaterial Photocatalysts: Energy and Environmental Applications” Editor, UIT Publisher. Link: <https://www.uittrust.in/uit-publisher>
2. Chapter Title: Tuning the magnetic and photocatalytic properties of wide bandgap metal oxide semiconductors for environmental remediation, Publisher: IntechOpen, Book Title: Updates on Titanium Dioxide, ISBN: 978-1-80355-672-7.

Professional Bodies:

Active Life Member of the Association of Chemistry Teachers (ACT) and Distinguished Chairman of the Universal Intellectuals Trust (UIT)

Awards and Recognitions:

1. National Natural Science Foundation of China (NSFC) Research Fund for International Young Scientists in 2016 (Grant No. 2161101071, totaling 400,000 RMB over two years).
2. Postdoctoral Researcher under the Chinese Academy of Sciences President's International Fellowship Initiative program (CAS-PIFI) in 2015 (Grant No. 2016PT023).
3. Postdoctoral Researcher at Dalian Institute of Chemical Physics, Dalian, China in 2014.
4. Assistant Researcher in the TYSP Talented Young Scientist Program by China Science and Technology Exchange Center (CSTEC) in 2018 (Project No. P18U42004).
5. Senior Research Fellow in 2012, awarded by the Council of Scientific and Industrial Research (CSIR), HRDG, New Delhi.
6. Outstanding Contribution in Reviewing Awarded in October 2017 for notable contributions to the quality enhancement of the Journal of Alloys and Compounds.
7. Recognized as a Research Supervisor (Ph.D) by Bharathidasan University, Tiruchirappalli, Tamil Nadu, India in 2021.

Google Scholar:

<https://scholar.google.co.jp/citations?user=9u1HEX0AAAAJ&hl=en>

LinkedIn:

<https://in.linkedin.com/in/dr-a-s-ganeshraja-9214a326>

Vidwan:

<https://vidwan.inflibnet.ac.in/profile/163962>

