

Dr. S Shanmuga Priya works as an Professor in the Department of Chemical Engineering, MIT, Manipal. She has around 16.5 years of teaching experience and 18 years of research experience.

Dr Priya has established a VGST Centre of Excellence in Solar fuels funded by VGST, Government of Karnataka in Old chemical Engineering block, MIT Manipal during 2023.

She completed her Doctoral degree in 2010 from NIT, Trichy, MTech in Energy Engineering from NIT Trichy in 2005 and B.Tech in Chemical Engineering from AAMEC, Bharathidasan University in 2003. Dr. Priya has published 36 articles in national and international journal, presented and published in over 40 international conferences and 22 national conferences, has 6 book chapters and 4 best paper awards.

Dr. Priya has delivered 4 guest lectures and has organized five days Faculty Development on Recent advancements in sustainable energy storage and conversion under the sponsorship of ATAL FDP during 25th – 29th Oct 2021 and Recent developments in Artificial Intelligence for smart and sustainable energy systems during 7th – 11th Dec 2020 respectively and National Workshop on Energy Efficiency and Environmental Impact under the sponsorship of CSIR, New Delhi, Oil India Limited, Duliajan, Assam and MRPL Mangalore.

Dr Priya has specialization in Carbon capture and conversion using MOF, Solar Thermal Energy, Solar Photovoltaics, Photocatalytic degradation, Solar Photocatalysis, Solar desiccant cooling, Renewable fuels, Solar passive architecture. Dr Priya has received various funding from VGST, CSIR and ATAL for carrying out research and FDP/workshop. She has received funding from VGST, Govt of Karnataka for establishment of Centre of Excellence in solar fuels in 2023.

Dr. Priya has guided over 27 UG, PG and ICAS students in various projects, guided over 22 IAESTE students from foreign universities, co-guide for 2 PhD scholars and presently guiding 1 full time PhD scholar. Dr. Priya is the reviewer in Journals like, International Journal of Hydrogen Energy, Journal of Building Engineering, Journal of Cleaner Production, Applied Energy etc.

Dr. Priya is the life member in Indian Institute of Chemical Engineers, Senior member in IEEE, Solar Energy Society of India and Indian Society of Systems for Science and Engineering (ISSE), Associate Member in The Institution of Engineers and Member in ASHRAE India Chapter.