



Centre for Energy Harvesting & Fluid Engineering

Dr. Mohamed Iqbal S

Professor-Mechanical Engineering

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Dr. Mohamed Iqbal Shajahan is a distinguished Professor of Mechanical Engineering at Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, with over 18 years of academic and research experience. His expertise spans nanofluids, heat exchangers, IC engines, and energy engineering. He has an h-index of 15 and an i10-index of 20, reflecting his impactful contributions to the field. He has authored more than 42 SCI/Scopus-indexed journal articles and presented at numerous international conferences. His research has led to patents in clean energy and desalination, and he has secured funding from prestigious bodies like DST-SERB in collaboration with IIITDMK. He has also heading the Center for Energy Harvesting and Fluid Engineering, and has been instrumental in establishing advanced laboratory Hydrogen Technology. His commitment to academia is further demonstrated through mentoring students and fostering industry-academia collaborations.

Looking for PhD students to work in the following areas

- Building cooling application
- Thermal management in electronics.
- Heat transfer enhancement technique.
- Hydrogen Electrolysis
- Solar Thermal, PVT and Energy storage technology

Facilities available

- ✓ Hydrogen Electrolyser test bench
- ✓ Thermal management experimental setup
- ✓ Solar Thermal & PVT experimental facility
- ✓ Building Testing measurements facility

Benefits and opportunities

- Monthly fellowship of Rs. 25,000/- for Three years
- Publication in SCI-indexed high impact journals
- National and International collaborations

Contact details

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