Dr. Kashif Irshad

Senior Research Scientist

IRC-SES and Mechanical Engineering Department, KFUPM, Saudi Arabia



Dr. Kashif Irshad is a mechanical and energy engineering researcher working on renewable-energy systems, thermal management, net-zero technologies, and lab-to-field innovation.

PROFILE

- Ph.D. in Mechanical Engineering (Energy Engineering), Universiti Teknologi PETRONAS, Malaysia; M.S. and B.S. in Mechanical Engineering, Aligarh Muslim University, India.
- Research portfolio includes renewable energy, photovoltaic and floating PV systems, thermal management, hybrid desalination, PCM and nanofluid technologies, and net-zero buildings.

RESEARCH AND IMPACT

- Author of 115 SCIE-indexed journal publications, inventor of 12 US patents, and leader or co-leader of multidisciplinary research and prototype-development projects.
- Selected technologies include zero-water electrostatic PV cleaning, self-cleaning PV-thermoelectric cooling, eco-adaptive floating PV, solar thermal systems, and advanced thermal-storage solutions.

PROFESSIONAL RECOGNITION

- Research impact: 7,155 citations and h-index 48; recognized among the Stanford/Elsevier Top 2% Scientists and active reviewer/editorial contributor for international journals.

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