

Department of Mechanical Engineering Indian Institute of Technology Kanpur



Online symposium on

SUSTAINABLE WATER TECHNOLOGIES: **PRINCIPLES AND APPLICATIONS**

Topics:

Fundamentals of sustainable water harvesting

Heat transfer, thermodynamics and phase change processes

Solar thermal desalination

Active and passive methods in solar stills, interfacial vapor generation, salt mitigation and decoupling strategies, multi-stage systems

Atmospheric water collection

Fog and dew collection strategies, filmwise and dropwise condensation, inertial fog collection, droplet dynamics

Environmental implications of sustainable water harvesting

Eligibility: PhD students, post doctoral fellows, and faculty members in Science and Engineering disciplines, with an interest in the topic of clean water.

Speaker:



Dr. Manish Bhendura Debartha Chatterjee Post Doctoral Fellow IISC Bangalore, India



Sohom Goswami FARE Fellow PhD student IIT Kanpur IIT Kanpur, India



Tarun Kulsreshtha PhD student IIT Kanpur, India

Coordinators:



Dr. M.K. Das

Professor

IIT Kanpur, India

Guest Speakers:

Dr. S. Sett

Assistant Professor

IIT Gandhinagar, India



Professor

Curtin University, Australia

Dr. J. Swaminathan

Assistant Professor

IISc Bangalore, India



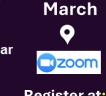
Dr. K. Muralidhar Professor IIT Kanpur, India



OR scan:







10th - 11th