



**ATMOSPHERIC NEW PARTICLE FORMATION STUDIES  
IN INDIA:  
RECENT DEVELOPMENTS AND FUTURE DIRECTIONS**

***DR. VIJAY KANAWADE***  
***UGC-ASSISTANT PROFESSOR,***  
***UNIVERSITY OF HYDERABAD, INDIA.***

**ON THURSDAY, 17<sup>TH</sup> AUG 2023, AT 3:00PM**

**VISHWESWARWIYA HALL,  
BSB 368, IIT MADRAS**

DR. VIJAY KANAWADE IS AN ATMOSPHERIC SCIENTIST WHO DID HIS MASTER OF SCIENCE IN PHYSICS (FERGUSSON COLLEGE, PUNE, 2002) AND MASTER OF TECHNOLOGY IN ATMOSPHERIC PHYSICS (DEPARTMENT OF ATMOSPHERIC AND SPACE SCIENCES, SAVITRIBAI PHULE PUNE UNIVERSITY, 2004). DR. KANAWADE WAS AWARDED THE PRESTIGIOUS MARIE CURIE RESEARCH FELLOWSHIP TO PURSUE HIS DOCTORAL STUDIES ON "SATELLITE REMOTE SENSING OF CARBON MONOXIDE IN THE LOWERMOST TROPOSPHERE" FROM THE UNIVERSITY OF LEICESTER, UK IN 2010.

FOLLOWING THIS HE WORKED AS A POSTDOCTORAL RESEARCHER AT KENT STATE UNIVERSITY, OHIO, USA (2010-2012), INDIAN INSTITUTE OF TECHNOLOGY KANPUR (2012-2014), AND LUND UNIVERSITY, SWEDEN (2015). DR. KANAWADE'S RESEARCH INTERESTS INCLUDE AEROSOL MICROPHYSICS (ATMOSPHERIC NEW PARTICLE FORMATION AND GROWTH), AEROSOL-RADIATION-CLOUD-CLIMATE INTERACTIONS, SATELLITE REMOTE SENSING OF TRACE GASES, AND AIR POLLUTION, WITH THE PROCESS-LEVEL UNDERSTANDING OF SECONDARY AEROSOL FORMATION IS AT THE CENTER OF MY RESEARCH INTERESTS. HE IS PRESENTLY WORKING AS A UGC-ASSISTANT PROFESSOR IN THE CENTRE FOR EARTH, OCEAN, AND ATMOSPHERIC SCIENCES, SCHOOL OF PHYSICS AT THE UNIVERSITY OF HYDERABAD.

DR. KANAWADE WAS CONFERRED WITH THE PRESTIGIOUS SERB SCIENCE AND TECHNOLOGY AWARD FOR RESEARCH (SERB-STAR) FOR THE YEAR 2023. VIJAY KANAWADE IS INDUCTED AS A COMMITTEE MEMBER OF THE COMMITTEE FOR NUCLEATION AND ATMOSPHERIC AEROSOLS (CNAA) FOR TWO YEARS (2023-2025), A COMMITTEE OF THE INTERNATIONAL ASSOCIATION OF METEOROLOGY AND ATMOSPHERIC SCIENCES.

