

Interdisciplinary Centre for Water Research (ICWaR)

Indian Institute of Science, Bangalore
CV Raman Rd, Bengaluru 560 012, Karnataka

The Interdisciplinary Centre for Water Research (ICWaR) of IISc Bangalore invites application for various positions in the project titled: '**Urban Modelling: Development of Multi-sectorial Simulation Lab and Science Based Decision Support Framework to Address Urban Environment Issues**' an application project under '**National Supercomputing Mission (NSM): Building Capacity and Capability**'. The project focuses on developing urban models capturing the representation of micro-scale city environmental conditions, with an aim to improve the urban weather forecast, atmospheric dispersion and air quality, hydrology forecast, disaster management, operations and policy development. The positions are being filled to meet the specific scope of ICWaR in this project dealing with modelling high-intensity precipitation, urban floods, hydrologic modelling, numerical methods and CFD, using the high-resolution urban terrain, LULC and meteorologic data.

Project Investigator

Dr Pradeep Mujumdar, Chairman, ICWaR, IISc Bangalore.

Eligibility and remuneration

Eligibility for various positions and remuneration will be as per the DST norms available at:

<http://dst.gov.in/sites/default/files/OM%20Fellowship%20Revision-2019.pdf> and
https://dst.gov.in/sites/default/files/OM-Scientific_Technical%20Manpower-Guidelines%20and%20emoluments.pdf

Desirable

Experience in setting up and executing the CFD/Hydrological/Numerical Weather Prediction (e.g., using WRF) models and High-Performance Computing.

The positions will be temporary and on contract basis.

How to apply: Interested candidates may e-mail their latest resume (including date of birth, academic qualifications and research experience) to **Prof. P. P. Mujumdar** (pradeep@iisc.ac.in), with a copy to **Ms Anusree K Anju** (anusreeanju@iisc.ac.in), with the e-mail subject as "Application for Project Position in the NSM Project".

Applications will be accepted until the positions are filled.