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ADVERTISEMENT FOR JUNIOR RESEARCH FELLOW (JRF)

Sanction No. CRG/2022/003772; Dated March 01 2023	DST (SERB) Core Research Grant	Date 15.03.2023
Position	Junior Research Fellow (JRF)	
Number of Position(s)	One (1)	
Title of the Project	<i>Assessment of Climate change Impacts on Indian Monsoon Precipitation using New Age CMIP6 Dataset: Implications to Water Security in the Godavari and Narmada Basin</i>	
Principal & Co-Principal Investigator	Prof K. Shashikanth and Dr. Harish Gupta	
Scope of the project	<p>The main objective of the project consists of projections of the rainfall using CMIP6 model outputs to provide an understanding of the monsoon system under climate change for water availability and security across the Godavari and Narmada basins.</p> <p>In order to carry out basin-scale projections, statistical downscaling is require for different climate scenarios. Further, the impacts of climate change on stream flow require to be assessed using long-term data and simulating future stream flow using a hydrological model (i.e., SWAT) and using the downscaled climate variables that regulate the stream flows.</p>	
Duration of the project	36 months (3 Year)	
Essential Qualification	ME/M.Tech. in Hydrology/ Water Resources Engg/ Water Management. OR M.Sc. in Climate Science/Atmospheric Science/ Equivalent courses. Candidate having NET/GATE qualification will be preferred.	
Desirable Qualification	Prior hands on experience of working with hydrological model (i.e., SWAT) and programming will be added advantage.	
Age and Relaxation (if any)	Not more than 30 years and age relaxation applicable as per SERB norms.	
Fellowship	As per SERB norms, with emoluments being 31,000 + HRA for NET/GATE qualified. OR 25,000 + HRA for Non-NET/Non-GATE qualified	
Demand Draft	<i>DD of Rs. 100/- drawn in favor of the Principal, University College of Engineering, Osmania University, Hyderabad-500 007</i>	
Last date	Friday 31-03-2023 (5:00 PM)	
Link for Applying	https://forms.gle/W7f9hcLhHgKrx5CH6 	
Short listed candidates will be called for an interview based on their merit and as per the requirement of the project. All candidates should make their own arrangements for their stay at Hyderabad, if required, when called for interview. No TA/DA will be paid for attending the interview. Interviews will likely to be held in the second week of April, 2023.		

Website: www.osmania.ac.in and uceou.edu for important updates

PRINCIPAL INVESTIGATOR (PI)