



26th November 2018

Advertisement

Applications are invited for a contract position of Project Consultant (1 Vacancy), Research Associate (2 Vacancy) and JRF (1 Vacancy) in the project entitled "Towards Development of Sustainable Water Cyber-Physical Systems: Implementation in Gujarat Water Network Systems" sponsored by WIN Foundation (under Project No. RES/WINF/CE/P0170/1819/0013).

Brief Description of Project

The objectives of the project are:

1. To understand the efforts made by the water board to implement SCADA system in Kudasan, Gandhinagar. To perform hydrodynamic analysis along with analysis of the existing SCADA system and to identify the shortcomings and propose a solution that can be implemented successfully.
2. To develop an optimal sensor placement and monitoring strategy for Gujarat main WDN. This will involve the identification of best sensors and their location for leak detection, water quality monitoring and automatic actuation of pressure management in WDN.
3. Designing monitoring strategies for water distribution network in rural Gujarat. Specifically, we will focus on two small rural communities in Gujarat and develop monitoring strategies that can inform the operator and the users about water distribution.

Details of the positions:

Project Title	:	Towards Development of Sustainable Water Cyber-Physical Systems: Implementation in Gujarat Water Network Systems
Ref. No.	:	RES/WINF/CE/P0170/1819/0013
Name of Posts	:	1. Project Consultant in SCADA Systems (1) 2. Research Associate (RA 2 Nos) 3. Junior Research Fellow (JRF, 1 No) Total: 4 Posts
Consolidated Monthly Pay	:	Post 1: Project Consultant (Expert in SCADA Systems)- Rs 45,000 / + 10,000 HRA Post 2 & 3: Research Associate - Rs 35,000 / + 7,000/- HRA (Masters students preferably with research experience) Post 4: Junior Research Fellow - Rs 25,000 / + 5,000/- HRA
Qualification and Experience	:	1. Project Consultant: PhD/ M. Tech degree with atleast 10 years of experience with experience in implementation of SCADA systems. Candidates with SCADA implementation in water networks is preferred. The project consultant would support the entire project team for successful implementation of the project. Project

	<p>consultant would be required to provide both offshore and onsite support.</p> <p>2. Research Associate: PhD/Masters students with relevant research experience in water networks, deep learning and data mining. Typically, the research associate is expected to develop algorithms for leak detection, localization, control and monitoring of water networks.</p> <p>3. Junior Research Fellow: B. Tech/M. Tech in relevant branch of engineering; Experience in Water Distribution Network is preferred.</p>
Tenure	: The initial contract is for six months. Based on the performance it is extendable up to two years.

Interested candidates may submit their applications online at the link given below on or before 15th December 2018. Selection will be based on interview and shortlisted candidates will be intimated well in advance the date, time and mode of interview.

Please email your detailed resume to babji.srinivasan@iitgn.ac.in

For more details regarding the project, you may contact:

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