



28th October 2019

Advertisement

Applications are invited for a contract position of Junior Research Fellow (JRF) 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, monitoring and automatic actuation for 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 Post	:	Junior Research Fellow (1 Post)
Consolidated Monthly Pay	:	31,000/- per month
Qualification, Experience and Work place	:	Qualification: M.A. in Development studies/Social Work/Sociology or related subject from recognized and reputed institute. (NET is not mandatory). Candidate with field work experience in rural areas is preferable. Work place: IIT Gandhinagar
Tenure	:	The initial contract is for six months.

Interested candidates may submit their applications online at the link given below on or before 22nd November 2019. 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 rahul.madbhavi@iitgn.ac.in. For more details contact:

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