

**DEPARTMENT OF COMPUTER SCIENCE  
GUJARAT UNIVERSITY**

**Advertisement for the post of Project Associate (Remote Sensing) and JRF(Computer Science) in DST FUNDED PROJECT under “Water Technology Initiative 2019”**

Applications are invited for the post of Project Associate (Remote Sensing) and Junior Research Fellow(Computer Science) in a DST funded project entitled **“Citizen Science based automatic determination and mapping of water quality indicators for surface water bodies”** sanctioned for three (03) years. The post is temporary and co-terminus with the project.

|                                 |  |
|---------------------------------|--|
| <b>Title</b>                    | <b>“Citizen Science based automatic determination and mapping of water quality indicators for surface water bodies”</b>  |
| <b>Period</b>                   | 02 years (Coterminous with the project)  |
| <b>Number of posts</b>          | Total : (1)<br>Project Associate (Remote Sensing) : (1)  |
| <b>Fellowship</b>               | Rs. 31 K+ 27% HRA<br>*HRA will be given only if accommodation in University Hostel is not availed  |
| <b>Essential Qualifications</b> | M.Tech.*/M.Phil./M.Sc. in ( Remote Sensing/ Geoinformatics/Earth Sciences/ GeoSciences/ Environmental Science/Water Engineering/hydrology) or equivalent.  |
| <b>Desired Qualifications</b>   | Excellent Scientific writing skills; understanding of remote sensing data related to water quality and image processing through software for handling remote sensing data like ARCGIS, ENVI  |
| <b>Nature of job</b>            | Field testing for water quality monitoring, Lab testing of water samples, estimating water quality parameters using remote sensing data, modelling of equations, scientific writing  |
| <b>Age Limit</b>                | 28 years, relaxable by 05 years for SC/ST/PH/female candidates   |
| <b>How to Apply</b>             | Pl apply through the google form available at the link <a href="https://forms.gle/y3cqJ7AQ54at14TA7">https://forms.gle/y3cqJ7AQ54at14TA7</a> by 22 <sup>nd</sup> October 2023<br>For queries contact:<br><b>Dr. SuchitPurohit, Department of Computer Science, Gujarat University</b><br><b>E-mail: <a href="mailto:suchit.s.purohit@ieee.org">suchit.s.purohit@ieee.org</a></b><br><b>Mobile: +919913419959</b> |
| <b>Mode of Selection</b>        | Interview shall be in online/offline mode and shall be conducted as per Gujarat University rules. No TA/DA will be paid if called for an interview. Date and time of interview will be informed to the eligible candidates by email/phone.   |

|                                 |   |
|---------------------------------|---|
| <b>Title</b>                    | <b>“Citizen Science based automatic determination and mapping of water quality indicators for surface water bodies”</b>   |
| <b>Period</b>                   | 02 years (Coterminous with the project)   |
| <b>Number of posts</b>          | Total : (1)<br>JRF (Computer Science) : (1)   |
| <b>Fellowship</b>               | Rs. 31 K+ 27% HRA* for (NET/SLET/GATE candidates)<br>Rs. 25 K fixed for (non NET/SLET/GATE candidates)<br>*HRA will be given only if accommodation in University Hostel is not availed  |
| <b>Essential Qualifications</b> | M.Tech.*/M.Phil./M.Sc. in (Computer Science/ Information Technology/ Information science/ Geoinformatics/ ICT/ AI&ML)/ MCA or equivalent with minimum 55% marks or equivalent CGPA  |
| <b>Desired Qualifications</b>   | Candidates having expertise in Artificial Intelligence, Python with ML libraries (or good programming skill); good knowledge of mobile application development; excellent Scientific writing skills; understanding of remote sensing data related to water quality and image processing through software for handling remote sensing data like ARCGIS, ENVI   |
| <b>Nature of job</b>            | Web application development, mobile application development, Image Processing algorithm development, development of ML/deep learning models for various tasks   |
| <b>Age Limit</b>                | 28 years, relaxation of 05 years for SC/ST/PH/female candidates   |
| <b>How to Apply</b>             | Pl apply through the google form available at the link:<br><a href="https://forms.gle/y3cqJ7AQ54at14TA7">https://forms.gle/y3cqJ7AQ54at14TA7</a> latest by 22 <sup>nd</sup> October 2023<br>For queries contact:<br><b>Dr. SuchitPurohit, Department of Computer Science, Gujarat University</b><br><b>E-mail: <a href="mailto:suchit.s.purohit@ieee.org">suchit.s.purohit@ieee.org</a></b><br><b>Mobile: +919913419959</b> |
| <b>Mode of Selection</b>        | Interview shall be in online/offline mode and shall be conducted as per Gujarat University rules. No TA/DA will be paid if called for an interview. Date and time of interview will be informed to the eligible candidates by email/phone.  |