Applications from Indian nationals are invited for Project Appointment under the following project. Appointment shall be on contractual basis with consolidated pay, renewable yearly or upto the duration of the project, whichever is earlier. 

### Title of the Project
Estimation of freshwater discharge at river mouth to Ocean through Altimetry and Hydrological modelling techniques (SAMUDRA-TDP) (RP04186G)

### Funding Agency
Space Applications Centre, ISRO

### Name of the Project Investigator
Prof. Dhanya C.T.  
(email ID: dhanyact@iitd.ac.in)

### Deptt./Centre
Department of Civil Engineering

### Duration of the Project
Upto 31/03/2023

<table>
<thead>
<tr>
<th>Jr. Research Fellow (1)</th>
<th>Rs 31,000/-p.m. plus HRA @ 24%</th>
</tr>
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<tbody>
<tr>
<td><strong>Qualifications</strong></td>
<td>1st class Masters degree in Water Resources Engineering/Hydraulic Engineering/Agricultural Engineering/Remote Sensing/allied fields with GATE/NET* qualification OR 1st class B.Tech degree in Civil/Agricultural Engineering, with NET/GATE* qualification. Desirable: Experience in hydrological modeling; Experience in hydrological data procurement; Knowledge and experience with relevant modelling software and programming (e.g., MATLAB, R, Python); Knowledge of Remote Sensing and GIS domains; Experience on handling bid data sets. Tasks to be handled: JRF is expected to handle the field data collection of river characteristics, data collection from CWC, river characteristics data extraction from different satellites, hydrological modelling etc. The requirement of NET/GATE examination for the selection to the post of JRF/SRF may be relaxed for the candidates who have graduated from Centrally Funded Technical Institutes (CFTIs) with a CGPA of more than 8.000 (80% aggregate marks).</td>
</tr>
</tbody>
</table>

The candidates who are interested to apply for the above post should download Form No. IRD/REC-4 from the IRD Website (http://ird.iitd.ac.in/rec) of IIT Delhi and submit the duly filled form with complete information regarding educational qualifications indicating percentage of marks/division, details of work experience etc. by email with advertisement No. on the subject line to Prof. Dhanya C.T. at email id: dhanyact@gmail.com

IIT Delhi reserves the right to fix higher criteria for short-listing of eligible candidates from those satisfying advertised qualification and requirement of the project post and their name will be displayed on web link (http://ird.iitd.ac.in/shortlisted) alongside the online interview details. Only short-listed candidates will be informed for online interview. In case any clarification is required on eligibility regarding the above post, the candidate may contact Prof. Dhanya C.T. at email id: dhanyact@iitd.ac.in

5% relaxation of marks may be granted to the SC/ST Candidates. In case of selection of a retired/superannuated government employee, his/her salary will be fixed as per prevailing IRD norms.

The last date for submitting the completed applications by e-mail is 26/04/2022 by 5.00 p.m.

**Sahayak Kunal Chittia, A/M/A**

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**Advertisement No.: IITD/IRD/083/2022**

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- **Head of the Deptt./Centres/Units :**
- **Webmaster, IRD :**
- **Notice Boards :**
- **Advertisement file :**
- **Prof. Dhanya C.T. :** PI, Department of Civil Engineering  
  Copy to Chairperson, DRC/CRC  
  Dr. Harshita Bhatnagar, RD Coordinator, (R&D) Wing