

Recruitment Advt. No: IITDH/R&D/BioCyTiH/RG/2022-23

Date: 18.04.23

Farms of future

National mission on interdisciplinary Cyber-physical system, Department of Science and Technology (NMICPS, DST) aims to develop and exploit CPS technologies in services and manufacturing sectors; in agriculture, water, energy & traffic management; health, environment etc. This will help to achieve translation of CPS technologies for societal and commercial use and also produce next generation technocrats in CPS technologies. As part of achieving the above mentioned goals, the NM- ICPS, DST funded BITS BioCyTiH foundation, a Section 8 non-profit company hosted by BITS Pilani. The mandate of the company is to fashion a platform that would foster translational research, innovation, skill development and training in areas of bio-cyberphysical systems (Bio-CPS) related to healthcare, agriculture, water and environment. To the BITS BioCyTiH foundation, IIT Dharwad has recently joined as spoke institute and received funding under the project titled "Farms of Future" to deliver technological solutions to some of the agricultural problems. The proposed solutions are expected to increase the income of small and marginal farmers by reducing their input costs (by means of targeted delivery of pesticides/fertilizers) and crop wastage (using sensors, advisory, diagnostics), extending post-harvest shelf life of farm produce (using solar dryers), and ensuring fair grading of the produce. IIT Dharwad invites applications for 1 junior research fellow who will contribute to the execution of the project whose details are attached in table and the content thereafter.

How to apply: Please apply using the google form: <https://forms.gle/k8Hg6KZTLRRedaYC6>

Last Date of Application: 13th May, 2023

S. No.	Particulars	Details
1.	Name of the Position	Junior Research Fellow (On Contract)
2.	Number of Position	01
3.	Essential Qualification	M. Tech in Electronics/VLSI/Nanotechnology/Digital Electronics/ Embedded Systems or equivalent with 60% of marks or equivalent in the qualifying degree AND a valid GATE score OR B. Tech in ECE or equivalent with 60% marks in the qualifying degree AND a valid GATE score
4.	Desirable	Knowledge of/interest in working with measuring instruments, clean room facilities.
5.	Consolidated Emoluments	Rs. 31,000 + HRA as per DST rules
6.	Duration of the project	Maximum 1.5 years
7.	Tenure of appointment	The appointment for the above contractual position will be initially for 04 (four) months, which can be further extended subject to satisfactory performance, availability of funds in the Project and requirement in the project.
8.	Age Limit	Not exceeding 28 years as on the date of selection process.

General Instructions to the applicants:

1	Selected candidates shall not have claim on any regular position and shall not be bestowed any of the privileges like Housing, Medical Facility and Other benefits available to regular employees of the Institute.
2	Applicants are advised to ensure, before appearing for Selection Process, that they possess the minimum essential qualification and experience laid down for the post. Qualification obtained has to be from recognized University/Institute. Eligibility in terms of age, qualification and experience of a candidate shall be considered as on the date of Selection Process.
3	The number of vacancies indicated in the notification is tentative. IIT Dharwad reserves the right to increase or decrease the number of advertised posts at the time of selection. Further, IIT Dharwad reserves the right to NOT fill any of the posts advertised.
4	No TA/DA will be paid for attending the Selection Process.
5	In case of any inadvertent mistake in the process of selection, which may be detected at any stage even after issue of the appointment letter, the Institute reserves the right to <i>modify, withdraw</i> or <i>cancel</i> any communication made to the Applicants.
6	After joining the service of the Institute, the person(s) will have to abide by the Rules, Regulations, Ordinances, Statutes and Act of the Institute applicable from time to time. He/She may be assigned any duty within or outside the Institute depending upon the exigency of the work.
7	The Institute shall verify the antecedents or documents submitted by a person at the time of appointment or during the tenure of the service. In case it is detected that the documents submitted by the candidates are fake, or the person has a clandestine antecedents or background and has suppressed the said information, then his/her services shall be terminated forthwith and legal action may be initiated against such candidates/employees.
8	No interim correspondence whatsoever will be entertained from the candidates.
9	Canvassing in any form or bringing in any influence political or otherwise, will be a disqualification for the post.
10	In case of any dispute/ambiguity that may occur in the process of selection, the decision of the Institute shall be final.
11	For a query related to Selection Process, applicant may send email on rumaghosh@iitdh.ac.in . However, enquiry/queries related to eligibility for the post/interpretation of rules will not be entertained.

Assistant Registrar (R&D)

Date: 18th April 2023