Call for the recruitment of a Project Associate (Embedded Firmware Engineer)

August 2022

Applications invited for Project Associate (Embedded Firmware Engineer) at IIT Ropar – Technology and Innovation Foundation.

Last Date for Application: 20th September 2022

IIT Ropar – Technology and Innovation Foundation (TIF) is a Section – 8 company founded to support the initiatives of recently established Technology Innovation Hub – AWaDH (Agriculture and Water Technology Development Hub) at the Indian Institute of Technology Ropar in the framework of National Mission on Interdisciplinary Cyber-Physical Systems (NM – ICPS) by the Department of Science and Technology, Government of India. The TIF supports the R&D in the domain of Agriculture and Water and provides incubation support to technology-based start-ups towards sustainable agriculture and the environment.

IIT Ropar – TIF is looking for an enthusiastic and resourceful individual(s) to be a part of our journey towards a sustainable future.

Job description: Project Associate (Embedded Firmware Engineer)
Location: IIT Ropar - TIF
No of vacancy: Two (One for fresher and one for 2 years experiences holder)
Full time (on contract) position in IIT Ropar – Technology and Innovation Foundation (TIF), a section – 8 company: Initially for one year. It can be extended depending on the satisfactory performance.

Responsibilities
1. Design, prototype and verify systems for various embedded firmware applications.
2. Develop and maintain firmware and middleware for embedded systems.
3. Create and manage documentation for active projects.
4. Develop tools and techniques for testing and verification.
5. Provide technical assistance to clients.

Qualifications and Essential Skills
1. B.Tech/B.E. or M.Tech/M.E. in Electrical Engineering or equivalent qualification with NET (CSIR/UGC) or GATE qualification
2. **Candidates without NET/GATE qualification may also be considered as per DST rules on a reduced fellowship.**
3. Experience in embedded IoT system design.
4. Sound knowledge of C, C++.
5. Good grasp of testing and debugging techniques and protocols.
6. Knowledge of BLE, WiFi, Ethernet (system and firmware).
7. Sound knowledge of interface and network protocols.

Remuneration:
- **Fresher:** Rs. 31000/- per month plus HRA as per sponsoring agency norms.
- **Experience holder-** Rs. 35000/- per month plus HRA as per sponsoring agency norms.
- Suitable on-campus accommodation may be provided, based on availability.

To apply click here:
https://docs.google.com/forms/d/1_WhqkFEVc4zTsWu79NmVWV18_H3qgAzF7geNgQIMt4U

For any query write to md.tif@iitrpr.ac.in

Last Date for receiving applications: September 20, 2022

Terms and Instructions

1. Only shortlisted candidates will be contacted/informed through email.
2. TIF reserves the right to fill up the post, not to fill up the post, or cancel the advertisement in whole or part without assigning any reason. The company also reserves the right to place a limit on the total number of candidates to be called for written test/or interviews. The decision of the company in this regard will be final.
3. Documentary evidence in support of all educational and professional qualifications will be required to be produced when specified.
4. The company can verify all the documents submitted by a candidate before the appointment, 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 candidate has clandestine antecedents/background and has suppressed the said information, then his/her services shall be terminated.
5. If it is found at a later date that any information given in the application is incorrect/false the candidature/appointment is liable to be canceled/terminated.