Date: 13 Aug 2021

Advertisement to fill up project position

Applications are invited from Indian Nationals only for the project position as per the details given below for the Technology Development project by the Principal Investigator (Name: Dheeraj Kumar), under **Divyasampark IHub Roorkee for Devices Materials and Technology Foundation** (A Section 8 - Not for profit Company) at Indian Institute of Technology Roorkee

1. Title of Project: A Novel Privacy-Preserving Participatory Noise-Map System
2. Sponsoring Agency: Technology Innovation Hub (TIH) for Devices Materials and Technology Foundation, IIT Roorkee
3. Project positions: Mobile app developer
4. No. of Vacancy: 1
5. Location: Roorkee, Uttarakhand
6. Qualifications: B.Tech (CSE/IT/ECE) or BCA with minimum 2 years of relevant experience OR M.Tech (CSE/IT/ECE) or MCA with minimum 1 years of relevant experience.
7. Job Description: Develop and publish mobile application for both Android and iOS for the application of developing noise pollution map over an area using participatory sensing. The applicant must have good knowledge of Android SDK Developer Tools, Eclipse Android SDK Developer, Web Service, SOAP, REST API, JSON, XML, SQLite database, Google Maps interface for Android, Locations & Sensors (GPS), Multi-threaded Programming, publishing apps on Android Playstore and Apple app store. Experience in developing map based applications with overlay technique is desirable. The applicant should have good knowledge of data structure and algorithms. Experience/knowledge of noise level measurement using mobile phone microphone is desiarable.
8. Duration of the project: 2 years

- Salary as per non-government organization market norms.
- Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
- Candidate should apply by submitting their resume along with self-attested copies of degrees, experience certificates on **hr.tih@iitr.ac.in** latest by 29 August 2021

- After shortlisting, candidates will be called for the **Interview.**

- Candidates, appearing for **Interview**, should bring the following documents:
  - Cover letter with detailed CV including chronological discipline of degrees/certificates obtained.
  - Experience including research, industrial field and others.
  - Please note that no TA/DA is not admissible for attending the interview.

- The date and time of interview will be shared with the shortlisted candidates only.

Dheeraj Kumar

Name & Signature of PI

Manish Anand
Chief Executive Officer
iHUB DivyaSampark