



iHUB DivyaSampark

Divyasampark iHUB Roorkee for Devices Materials and Technology Foundation
A section-8 Company established by Government of India (DST) and IIT Roorkee
under National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS).
CIN No.-U73200UR2020NPL011644

Ref.no. - 2022/TIH-ELTR/202
Project Code: TIH/RP/01

Date: 17 June 2022

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 **Prof. Dheeraj Kumar** under **Divyasampark iHUB Roorkee for Devices Materials and Technology Foundation** (A Section 8, Non-profit Company) at Indian Institute of Technology Roorkee.

1. **Title of Project:** A Novel Privacy-Preserving Participatory Noise-Map System
2. **Sponsoring Agency:** Divyasampark iHUB Roorkee for Devices Materials and Technology Foundation
3. **Project positions:** Mobile app developer
4. **No. of Vacancy:** 01
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. **Relevant Experience:** 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 and previous experience with map based application development is desirable.
8. **Job Description (In Brief):** 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.
9. **Duration of the project:** 01 Year

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.





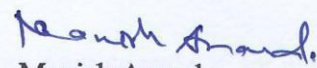
- Candidate should apply by submitting their resume along with self-attested copies of degrees, experience certificates on hr.tih@iitr.ac.in
- ****The subject of the e-mail should be "Application for the post of "Mobile-app developer" (TIH/RP/01)".****
- Last Date to apply- **05 July 2022**
****Please note that application received after the last date will not be considered.**
- 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.

Digitally signed by Dheeraj Kumar
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Date: 2022.06.17 11:20:56 +05'30'

Name & Signature of PI
Prof. Dheeraj Kumar




Manish Anand
Chief Executive Officer
iHUB DivyaSampark

