



Ref.No.- 2021/TIH-IITR/372  
Project Code- TIH/RP/11

Date: December 16, 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 **Dr. Anand Bulusu and Dr. Sudeb Dasgupta (Co-PI)** under **Divyasampark iHUB Roorkee for Devices Materials and Technology Foundation** (A Section 8 - Not for profit Company) at Indian Institute of Technology Roorkee.

- Title of Project:** Design and Development of ROM based low power AI inference chip
- Sponsoring Agency:** Divyasampark iHUB Roorkee for Devices Materials and Technology Foundation
- Project positions:** CHANAKYA Fellow (Junior Research Fellow)
- No. of Vacancy:** 01
- Location:** IIT Roorkee
- Qualifications:**
  - M.E/M.Tech in Micro Electronics or equivalent with a minimum CGPA of 7.0 on a 10-point scale or 70% marks  
**OR**  
B.E/B.Tech. in ECE or equivalent with excellent academic records
  - Candidates must be GATE/NET qualified  
**NOTE:** Bachelors or Master's from IITs with a CGPA 8.0 or NITs with CGPA 9.0 and above on 10 scale point are exempted from the requirement of GATE/NET
- Relevant Experience:** Working experience in related areas would be an added advantage
- Job Description (In Brief):**
  - Need highly motivated candidate to work with academia/industry and good knowledge in CMOS memory design, RAM/ROM, Transistor level circuit design of CMOS digital circuits, Basic knowledge in Python/Perl.
  - Need to write reports and help generate publications/patents
  - Ready to help in developing Proof of Concept for further development of product
  - Need to achieve the milestones in time and be a quick learner
- Duration:** One-year extendable upto four years

**\*\* Selected candidate may get an opportunity to pursue Ph.D. (once the project is over the candidate will be given MHRD Fellowship as per the institute policy).**



## 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

- 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](mailto:hr.tih@iitr.ac.in).
- Last Date to apply **January 07, 2022**

**\*\*The subject of the e-mail should be "Application for the position of "CHANAKYA JRF (RP11)".**

**\*\*Please Mention your last CTC in the application.**

**\*\*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.

*B. Anand*

Name & Signature of PI

**Dr. Anand Bulusu**


Professor


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