

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Mechanical and Industrial Engineering Department)

ADVERTISEMENT TO FILL UP PROJECT POSITION

Applications are invited from Indian nationals only for project position as per the details given below for the consultancy/research project(s) under the principal investigator (Name: Prof. Akshay Dvivedi.), Mechanical and Industrial Engineering Department of the Indian Institute of Technology, Roorkee.

1. Title of project: **IIT Roorkee Lead Knowledge Institute (LKI-2725-MID-CNA/25-26)**
2. Sponsor of the project: **Lead Knowledge Institute, State Support Mission, NITI Aayog, New Delhi**
3. Project position(s) and number: **Project Associate (01)**
4. Emoluments: **INR 25000/- to INR 60000/- + HRA**
5. Age Limit: N/A
6. Duration: 1 year or up to the project duration
7. Job Description:
8. Qualification:

Essential: B.Tech in Computer Science

Desirable: Skills: Experience of

9. Technical Skills and Job Description:

- Demonstrated expertise in designing, developing, and optimizing machine learning pipelines for large-scale dataset creation and preprocessing
- Proven experience in building, fine-tuning, and deploying deep learning models, including GANs, computer vision systems, and transformer-based architectures
- Strong capability in real-time computer vision applications such as facial landmark detection, re-enactment models, and image/video processing systems
- Experience in large-scale data handling, including processing millions of image/video frames and generating synthetic datasets using 3D rendering tools
- Proficiency in Python, C/C++, PyTorch, TensorFlow, OpenCV, and related machine learning frameworks and libraries
- Hands-on experience with GPU acceleration, model optimization, and performance enhancement techniques
- Familiarity with cloud platforms (AWS, GCP), containerization (Docker), Linux environments, and version control systems (Git)
- Strong analytical, problem-solving, and research-oriented mindset with the ability to independently manage end-to-end AI projects

Selection: The interested candidates may come for a walk-in interview on **13th February 2026** at **1:00 PM** in the Committee Room 1, Mechanical and Industrial Engineering Department, IIT Roorkee.

Conditions

1. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply for.
2. Candidates desiring to appear for the Interview should submit their applications with the following documents to the office of the Principal Investigator through email, by post, or produce at the time of the Interview:
 - Application in plain paper with a detailed CV including chronological discipline of degree/certificates obtained.
 - Relevant qualifications, technical skills and experience as per the given job description should be highlighted in the application.
 - Attested copies of degree/certificate and experience certificate.
3. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
4. Preference will be given to SC/ST candidates on equal qualifications and experience.
5. Please note that no TA/DA is admissible for attending the interview.

Tel: 01332285428

Fax:

Prof. Akshay Dvivedi

Email: akshaydvivedi@me.iitr.ac.in

Name and signature of Principal Investigator

Approved

Dean

*To be uploaded on IIT Roorkee website and copy may be sent to appropriate address by DI for wider circulation

Sponsored Research & Industrial Consultancy

Indian Institute of Technology Roorkee

Roorkee-247 667 (INDIA)

13/02/26

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