



INFORMATION TECHNOLOGY UNIVERSITY (ITU)

INDIVIDUAL CONSULTANT REQUIRED

Information Technology University requires the services of Qualified, Energetic & Self-motivated Individual as a Short Term Consultant for ETRI funded Project "AI Assisted Feature Extraction & Matching for 3D Point Cloud Formation".

Applications/EOIs are invited for the following consultancy from Individuals who meet the specified criteria:

Sr. No.	Title of Consultancy	No. of Individuals	Qualification & Experience
1.	Short Term Individual Consultant as Research Associate	01	• Bachelor's Degree or equivalent qualification in Computer Science, Artificial Intelligence, Software Engineering, Electrical Engineering, Computer Engineering or a related discipline recognized degree from an institution or a University recognized by HEC. • Experience in computer vision, deep learning, or 3D reconstruction. • Familiarity with 3D Gaussian Splatting, NeRF, or neural rendering. • Proficiency in Python and PyTorch. • Ability to conduct experiments and document technical work independently.

1. The above required consultant shall be engaged for short term consultancy by following Punjab Procurement Rules, 2014.
2. The detailed TORs and advertisement is available at www.itu.edu.pk/tenders.
3. The duration of the consultancy engagement is **six (06) months**.
4. The procurement shall be completed in accordance with Punjab Procurement Rules 2014, on Single Stage – One Envelope Bidding Procedure.
5. Incomplete/pruned (having cutting) / unsigned/ application based on incorrect information received after due date shall be rejected.
6. Applications/EOIs along with the credentials must reach in the Procurement Wing of ITU (6th Floor, Arfa Software Technology Park, 346-B Ferozepur Road, Lahore) on or before **22/07/2026**.
7. Only shortlisted individuals will be called for interview.
8. Only those candidates having degrees from HEC recognized university/ college/ institute or well reputed foreign university recognized by HEC shall be considered.

DEPUTY DIRECTOR PURCHASE **INFORMATION TECHNOLOGY UNIVERSITY**

6th Floor, Arfa Software Technology Park, 346-B, Ferozepur Road, Lahore.

Phone: (042) 111-111-488

Web: www.itu.edu.pk, procurement@itu.edu.pk

Terms of Reference (TORs)
Hiring of Individual Consultant for ETRI Project

Position Title: Research Associate - ETRI Project

Term of Reference: Research Associate - ETRI Project

Consultancy Duration: Six months 1st August 2026 to 31st January 2026 with the possibility of earlier termination upon completion of the project.

Location: Information Technology University, Lahore

Department: Faculty of Engineering

Reports to: Principal Investigator (Dr. Rehan Hafiz)

Purpose

To develop and evaluate scene-specific 3D Gaussian Splatting methods targeting high-quality and near-real-time reconstruction and rendering of static and dynamic scenes.

Key Responsibilities

1. Develop and integrate 3DGS pipelines for static and dynamic scenes.
2. Improve scene-specific optimization, reconstruction quality, and computational efficiency.
3. Investigate methods for near-real-time training, updating, and rendering.
4. Conduct experiments on selected datasets and compare against relevant baselines.
5. Maintain source code, experimental results, and technical documentation.

Deliverables

- Functional 3DGS framework for static and/or dynamic scenes.
- Scene-specific optimization and near-real-time processing components.
- Experimental evaluation and visual demonstrations.
- Source code and a concise final technical report.

Qualifications

Bachelor's Degree or equivalent qualification in Computer Science, Artificial Intelligence, Software Engineering, Electrical Engineering, Computer Engineering, or a related discipline from an HEC-recognized institution.

Experience and Skills

- Experience in computer vision, deep learning, or 3D reconstruction.
- Familiarity with 3D Gaussian Splatting, NeRF, or neural rendering.
- Proficiency in Python and PyTorch.
- Ability to conduct experiments and document technical work independently.

Payment Mode

The consultancy fee will be paid monthly, subject to satisfactory performance and approval by the Principal Investigator.