



# University of Engineering & Technology, Peshawar

## TECHNICAL STAFF REQUIRED

### MSc/PhD Students Registered in Mining Engineering Program

Services against the following position are required for three years or till the completion of the project/M.Sc./PhD of the candidate at the **Intelligent Information Processing Lab (IIPL)** "National Centre of Artificial Intelligence at UET Peshawar" (NCAI-UETP), funded by the Higher Education Commission (HEC) of Pakistan.

Candidates fulfilling the required qualification and experience (given below) may apply on plain paper along with their CV, copy of CNIC, one recent photograph, attested copies of education and experience certificates. **The application cover letter must clearly indicate the lab, project and position to which the candidate is applying.** The applicants must appear before the selection committee for walk-in interviews at 2:30pm in the National Centre of AI (Basement of Industrial and Chemical Engineering Building) on Friday, 03<sup>rd</sup> May, 2019. The requisite qualification, experience and responsibilities for the positions in each lab/project are given below.

Note: **Applicants having previous demonstrable experience in AI will be given preference.**

| Title/Position  | Role/Key Responsibilities   | Minimum Qualification Required  | Expertise / Background Required   | Experience Required (years) | Package (PKR) |
|---|---|---|---|-----------------------------|---------------|
| <b>Intelligent Information Processing Lab (IIPL)</b>  |   |   |   |                             |               |
| <b>Development of Mineral Resource Estimation and Mine Planning and Optimization Tools using Artificial Intelligence Based Techniques</b> |   |   |   |                             |               |
| PhD student<br>(1 Position)   | Development of AI based Mineral Resource Estimation Algorithms, Incorporating data from multiple sources. | MSc in Mining Engg or relevant field eligible for admission in PhD Mining Engineering | Strong academic record with mathematical and programming skills, and exposure to Mineral Resource Estimation/Modelling and AI/Machine learning algorithms | N/A                         | Rs.25,000     |
| MSc student<br>(2 Position)   | Development of AI based Mineral Resource Estimation Algorithms, Incorporating data from multiple sources. | BSc in Mining Engg registered in MSc Mining Engineering                               | Strong academic record with mathematical and programming skills, and exposure to Mineral Resource Estimation/Modeling and AI/Machine learning algorithms  | N/A                         | Rs.20,000     |
| MSc student<br>(1 Position)   | Development of AI based Production Scheduling Algorithms.   | BSc in Mining Engg registered in MSc Mining Engineering                               | Strong academic record with mathematical and programming skills, and exposure to Production Scheduling and AI/Machine learning algorithms                 | N/A                         | Rs.20,000     |

\*Note: Selected candidates have to work fulltime in the Centre with the concern PI

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