Sanction No and Date: PROJECT ID No.PSF-IH-3 Y- TD - 001 Dtd. 22.04.2024	TEXMiN Project No. TEXMiN/2024-2025/1102/CCB	Date: 06.05.2024

"Project Assistant position" under "Technology Innovation in Exploration & Mining Foundation (TEXMiN) under Technology Innovation Hub (TIH)" Project

Applications are invited under the sponsored project. The details of the project are as under:

Position	Project Assistant
Number of Position (s)	1
Title of The Project	**AI-driven synthesis of green flocculant and its application towards the treatment of mine process effluent**
Principal Investigator	Prof. Sagar Pal Professor, Department of Chemistry and Chemical Biology, IIT (ISM) Email: sagarpal@iitism.ac.in / sagarpal129@gmail.com Phone: +91-326-2235769 (O) / +91-9471191529 (M)
Tenure of Project	1 Year
Job Description and skill	Programming in any language of choice preferably Python or MATLAB to artificially generate candidates using deep learning or swarm optimization or genetic algorithms, Scientific report writing etc.
Essential Qualification	Pursuing B.Tech/B.E/M.Tech in any engineering discipline. Including Mathematics and Computing and applied geology and applied geophysics. **Note: Computer Science Engg./ or Mathematics and Computing** will be given preference
Essential domain knowledge	Knowledge in Evolutionary algorithms like genetic algorithms etc., Deep Learning, Python programming, Tensorflow/PyTorch
Age and Relaxation (if any)	28 years (Maximum) (Age relaxation for SC/ST candidates and OBC Candidates as per GOI rules and 2 years for the candidates with research/ work experience in relevant industries)
Fellowship	Rs. 12,000 /- (consolidated)
Last Date & Time	Interested candidates are requested to send an application with detailed Bio-Data and a soft copy of educational qualifications and proof of domain knowledge/ experience with age proof to the Co-Principal Investigator Prof. Siddhartha Agarwal by Email: sagarwal@iitism.ac.in /9335536412 on or before 17.05.2024
Shortlisted candidates will be informed about the date of the interview. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be shortlisted based on their merit and as per the requirement of the project. No TA/DA will be paid to attend the interview.	