Department of Mining Engineering
National Institute of Technology Karnataka, Surathkal, India,
Srinivasnagar, Mangalore, Karnataka - 575025

Ref. No: MIN/ED/943/2026 Date: 06/07/2026

Advertisement for Project Associate

Applications are invited from the interested candidates for the post of Project Associate to work on the R&D project titled "Scientific study for pit stability of Subbarayanahalli iron ore mine & Thimmappanagudi iron ore mine" funded by Karnataka State Mineral Corporation Limited, Government of Karnataka. The duration of the project is 06 months (Till December 2026). Last date for receipt of the application is 12.07.2026.

The details are given as below:

Sl.No.	Position	Area of Specialization	Duration	Consolidated Emolumentsper month	Number of Positions
1	Project Associate	Mining Engineering/ Geotechnical Engineering	06 months	i) Consolidated Rs. 37,000/- per month. Scholars who are selected through (a) National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) or GATE score (ii) Consolidated Rs. 30,000/- for others who do not fall under (i) above.	One (01)

Brief Description of the R&D Project

Project Title	Scientific study for pit stability of Subbarayanahalli iron ore mine & Thimmappanagudi iron ore mine
Funding Agency	Karnataka State Mineral Corporation Limited, Government of Karnataka
Duration	06 months (Till December 2026)
Principal Investigator (PI)	Dr. Sandi Kumar Reddy Associate Professor, Department of Mining Engineering, National Institute of Technology Karnataka (NITK), Surathkal, P.O. Srinivasnagar, Mangalore – 575 025. Karnataka, India. Mobile: 9448721700, Office Phone: 0824-2473395 (O) E-mail ID: skreddy@nitk.edu.in

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Details of the Project	The project is aimed to the determination of the optimum safe working design of pit & dumps for overall stability in Subbarayanahalli iron ore mine & Thimmappanagudi iron ore mine in different geo-mining conditions based on analytical and numerical modelling, as well as based on field and laboratory investigations. The proposed study leads to avoiding failures/accidents, saving of considerable surface land, protecting men and property, conserving minerals, and increasing the life of the mine. The study may in detail include the following objectives: a) To study the effect of different benching configurations i.e. bench height, bench width, bench slope, overall depth of pit, overall slope angle of pit, overall height of dump, overall slope angle of dump, lithology, angle of friction& cohesion of different materials, structural discontinuities, presence of weakness planes etc. on the stability of pit slopes and dump slopes. b) To determine the effect of distance of toe of overburden dumps from the crest of the open pit on the slope stability of pits and dumps. c) To find out optimum safe distance of toe of overburden dump from the crest of the open pit on the slope stability of pit. d) Development of design guidelines and mitigation measure for optimum safe distance of dump from pit for overall stability in open pit mines in different geo-mining conditions.

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Information for the Position of Project Associate

Essential Qualifications	(i) B.E/B.Tech. (Mining/Civil/Geotechnical Engineering/Others) and M.E/M.Tech. in Mining/Civil/Geotechnical Engineering/Others or a suitable specialization or equivalent degrees. Candidates should have at least 60% (CGPA 6.5/10) marks in aggregate from a recognized technical institute or university. (ii) Candidate should have qualified GATE score at least once in his/her academic career.
Preferable Experience/quality	Candidate should be able to work independently and flexibly. The following criterions are preferable (not mandatory) for the post. (i) Experience/Expertise in Slope stability/ Geotechnical software/ GIS (ii) Experience in conducting laboratory tests or physical model tests. (iii) Ability to carry out numerical simulation. (iv) Good communication and writing skills for technical report/article.
Age Limit	Below 35 Years (Preferable), Age relaxation as per GOI rule.
Duration	06 months (Till December2026)
Last date for receipt of the application	12th July, 2026

Application Process:

Interested candidates may apply in the prescribed format along with resume, photo copies of relevant certificates, grade/mark sheets, publications etc. They need to send the below mentioned documents to the correspondence address.

(i) Duly filled application form in the prescribed format with a recent passport-size photograph.
(ii) Covering mail
(iii) Resume
(iv) Educational certificates, mark sheets, GATE scorecard, Proof of research experience, publications, special achievements, and patents soft copy. (class X onwards)

Note: 1) The scanned copy of all the documents along with duly filled application form in the prescribed format must be sent as a single PDF file to the email id: skreddy@nitk.edu.in should be sent on or before 12th July 2026. No hard copy submission required.

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Additional Information:

1. The shortlisted candidates will be informed by email/phone; and will be called for a written test and/or interview. The test/interview is most likely to be held in the Third week of July 2026.
2. Selected candidates will be required to join immediately or as soon as possible.
3. Selection will be based on qualification, interview, and relevant experience.
4. Candidates before appearing for the test/interview shall ensure that they are eligible for the position, they intend to apply. Please note that no TA/DA/any other allowance(s) will be provided for attending the test/interview.
5. If selected, the candidate who is already employed, should produce relieving certificate from their employers at the time of joining.
6. The appointment will be on a purely temporary basis co-terminus before or with the project. The selection committee decision will be final. The duration of the post is nine months initially, but it can be extended up to the end/termination of the project, subject to performance of the candidate and other factors.
7. Merely fulfilling the eligibility requirement does not guarantee shortlisting for written test or interviews; additional criteria may be imposed for shortlisting. NITK Surathkal reserves the right to reject any or all the applications without assigning any reasons thereof.
8. For any further information and clarification, candidates may contact **Dr. Sandi Kumar Reddy,** Principal Investigator (PI), on the email given for the correspondence.