



Petroleum and Natural Gas Engineering Department
801 Leroy Pl, Socorro NM 87801

TENURE TRACK ASSISTANT PROFESSOR IN PETROLEUM ENGINEERING

The Petroleum and Natural Gas Engineering Department and Petroleum Recovery Research Center (PRRC), a state-funded research center, at New Mexico Institute of Mining and Technology invites applications for a tenure-track faculty position at the assistant professor level to begin in the Fall semester of 2021. Candidates must have a Ph.D. degree in Petroleum Engineering or a closely related discipline and demonstrate expertise through scholarly publications, research and/or work experience. Evidence of teaching excellence, good communication skills and participation in professional activities will be considered in the selection process. The successful candidate will be expected to teach undergraduate and graduate courses and demonstrate strong potential to develop research projects and to seek for external funds. The candidate is expected to maintain external funding and to support financially graduate students. Applications are encouraged from candidates in any area of petroleum engineering; however, knowledge and ability to conduct research and teach in the field of Enhanced Oil Recovery (EOR), CO₂ capture and storage, reservoir simulation and characterizations are desired.

The program provides B.S., M.S. and Ph.D. degrees in Petroleum Engineering. Current enrollments consist of about 50 undergraduates and 30 graduate students. Six fulltime faculty support the research and teaching mission of the department. In addition, the program has strong collaborations with Petroleum Recovery Research Center (PRRC) and the New Mexico Bureau of Geology and Mineral Resources, both entities on campus, and with New Mexico's oil and gas industry. For further information about New Mexico Tech and Socorro, NM go to our website at www.nmt.edu.

Interested candidates should submit a resume, copies of transcripts, statements of research and teaching philosophies, and names/contact information for three references as one pdf file to Ms. Rosa Jaramillo (nmtjobapps@npe.nmt.edu). The review process will begin in February 2021 and continue until the position is filled. Questions regarding the position may be directed to Dr. Hamid Rahnema (Hamid.Rahnema@nmt.edu) or Dr. Robert Balch (Robert.Balch@nmt.edu).

Equal Employment Opportunity: NMT is committed to creating a community in which a diverse population can learn, live, and work in an atmosphere of tolerance, civility and respect for the rights and sensibilities of each individual. NMT is an Equal Opportunity Employer.

Benefits: Excellent benefits (health, vision, dental), tuition fee waiver, and a generous retirement plan.

Regional Attractions: New Mexico Tech is located in Socorro, in the scenic Rio Grande River Valley of central New Mexico, 75 miles south of Albuquerque with its many attractions, and 139 miles south of Santa Fe. Nearby mountains and desert canyons provide opportunities for excellent hiking, climbing, and mountain biking. The Bosque del Apache National Wildlife Refuge, located just south of Socorro along a major north-south flyway, offers some of the best birding in the USA.