M.S. or Ph.D. Research Assistant Position

Employer
Istanbul Technical University
Location
Istanbul, TURKİYE
Salary
TUBITAK Fellowship
Closing date
September 18, 2023

Image Courtesy by Desktop Metal

Additive Manufacturing Education and Research Laboratory in Mechanical Engineering Department at Istanbul Technical University is searching for an **M.S. or Ph.D. student researcher.** You will join a binder jetting additive manufacturing research project funded by TUBITAK.

Project includes:
- Deriving new models and equations for a finite element analysis of sintering modeling
- Conducting binder jet experiments
- Running sintering experiments and image processing of sintering behavior

This is a full-time position requires a full dedication to the project requirements and also laboratory work loads. Candidates should be fluent in English. They need to be able to run data and image analysis by computer programming.

Interested candidates should send their English cover letter, detailed CV, Transcripts, and contact information for two references to **esoylemez@itu.edu.tr** by September 18, 2023.

https://sites.google.com/site/soylemezlab
http://ekam.itu.edu.tr/

Related Publications

Onler, Recep, et al. "Multi-objective optimization of binder jet additive manufacturing of Co-Cr-Mo using machine learning." The International Journal of Advanced Manufacturing Technology 119.1 (2022): 1091-1108.

Borujeni, Shahrooz Sadeghi, et al. "Numerical simulation of shrinkage and deformation during sintering in metal binder jetting with experimental validation." Materials & Design 216 (2022): 110490.

Paudel, Basil J., et al. "A computational framework for modeling distortion during sintering of binder jet printed parts." Journal of Micromechanics and Molecular Physics 6.04 (2021): 95-102.