

## M.S. Research Assistant

### Employer

Istanbul Technical University – Sintertek Company

### Location

Istanbul, TÜRKİYE

### Salary

1.5 X Min Wage (Asgari Ücret)

### Closing date

January 22, 2024



### Who can apply?

M.S. or Ph.D. student at Mechanical Engineering Department at Istanbul Technical University. Applicant should currently be enrolled or has to be accepted by the mechanical engineering MSc programs in Spring 2024 Term

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

### Project includes:

- Conducting binder jet additive manufacturing experiments
- Optimize the printing processes
- Study powder spreading and inkjet interactions to improve green part density
- Design new tools and mechanisms for binder jetting printer to improve the performance

This full-time position requires a full dedication to the project requirements and also laboratory work loads. You should be fluent in English.

Please send your English cover letter, detailed CV, Transcripts, and contact information for two references to [esoylemez@itu.edu.tr](mailto:esoylemez@itu.edu.tr) until January 22, 2024.

<https://sites.google.com/site/soylemezlab>

<http://ekam.itu.edu.tr/>

### Obligations to Sintertek

- Should spend at least 30h at Sintertek Office and/or Factory.

### Other Informations

- The candidates who will take part in this project will have the chance to both advance academically and gain design and R&D experience in a company that produces in the industry.
- The scholarship is guaranteed by Sintertek for the duration of the project. Attendance and full filling the performance criteria determined by Assoc. Prof. Dr. Emrecaan Söylemez are the key factors for the scholarship to continue.

For more information about Sintertek please visit <https://sintertek.com/> & <https://sinterjet.com/>