

Multiple PhD Positions in Thermal Management in Energy
Science and Engineering
University of Tennessee, Knoxville

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Posted Aug. 14, 2024, set to expire Dec. 14, 2024

Job Title	Multiple PhD Positions in Thermal Management in Energy Science and Engineering
Department	Mechanical, Aerospace & Biomedical Engineering
Institution	University of Tennessee, Knoxville Knoxville, Tennessee
Date Posted	Aug. 14, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Graduate Student
Academic Field(s)	Mechanical Engineering
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Job Description	

The Heat Transfer Laboratory at The University of Tennessee, Knoxville has multiple PhD position openings in the field of thermal management for energy science and engineering (<https://mabe.utk.edu/people/prashant-singh-2/>). The positions are set to start from Fall 2025 semester.

The position involves research in the area of multi-phase flow and thermal transport in additively manufactured cellular materials, with applications in solar energy engineering, building technologies, high temperature heat exchangers, HVAC, electronics cooling.

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Candidates with background in experimental/computational research in heat transfer and fluid mechanics are encouraged to apply. Prior experience in the design of experiments, data acquisition, LabVIEW, open-source CFD solvers, is preferred.

Interested candidates can email their resume along with the contact information of three references to Prof. Singh at psingh15@utk.edu. In addition, candidates can attach samples of their co-authored journal publications for consideration. For more details about these positions, candidates can reach out to Prof. Singh via email.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact