

Multiple PhD student positions University of Memphis

Direct Link: <https://www.AcademicKeys.com/r?job=236925>

Downloaded On: Jun. 29, 2024 12:12pm

Posted May 31, 2024, set to expire Sep. 30, 2024

Job Title Multiple PhD student positions
Department Mechanical Engineering
<https://www.memphis.edu/me/faculty/gopalakrishnan.php>
Institution University of Memphis
Memphis, Tennessee

Date Posted May 31, 2024

Application Deadline Open until filled
Position Start Date Fall 2024 or Spring 2025

Job Categories Graduate Student

Academic Field(s) Physics - Atomic/Molecular/Optical/Plasma

Apply By Email rgplkrsh@memphis.edu

Job Description

Highly motivated applicants are sought for PhD student position(s) available for Fall 2024/Spring 2025 in plasma science and technology. Graduate assistantships with monthly stipend and tuition will be offered.

Please be sure to watch this presentation of our research (January 2024) before contacting Dr. Gopalakrishnan: <https://lnkd.in/eP43Unm4>

Recent publications

Physics of Plasmas: <https://lnkd.in/evMmbsfi>

Journal of Chemical Physics: <https://lnkd.in/ef-NKFDs>

Review of Scientific Instruments: <https://lnkd.in/e5CCS9Bs>

Qualities sought in potential PhD students –

1. Good knowledge of fundamentals,

Multiple PhD student positions University of Memphis

Direct Link: <https://www.AcademicKeys.com/r?job=236925>

Downloaded On: Jun. 29, 2024 12:12pm

Posted May 31, 2024, set to expire Sep. 30, 2024

2. Being able to do experiments,
3. Ability to do programming/simulations.

All three are equally important as the projects involve both experiments and modeling.

About Prof. Ranganathan Gopalakrishnan: Dr. Ranganathan Gopalakrishnan is an Associate Professor in the Department of Mechanical Engineering at The University of Memphis. He obtained his PhD in Mechanical Engineering from the University of Minnesota in 2013 specializing in aerosol physics. He has done postdoctoral stints at CalTech and UC Berkeley before joining the University of Memphis in 2016. Research in Dr. Gopalakrishnan's lab focuses on understanding particle behavior in aerosols, dusty plasmas, ionized gases, and powder flows. Our research is funded by ~\$2.3M in funding from National Science Foundation, US Dept. of Energy, US Army, NASA-JPL including the DOE EARLY CAREER award for the year FY2020. He has published 26 peer-reviewed articles, one US patent. So far, he has supervised 7 MS and 3 PhD students towards graduation. His research group currently consists of 5 PhD students.

Contact: rgplkrsh@memphis.edu

Webpage: <https://lnkd.in/e3huTunk>

Google Scholar: <https://lnkd.in/eaNARPPD>

- Suitable candidates are those with a Masters degree in Mechanical/Chemical Engineering, Physics, Applied Physics, or related disciplines.
- Only candidates with a MS degree will be considered. Candidates with only Bachelor's degree or those seeking a MS degree will not be considered.
- Research projects in Gopalakrishnan group typically involve both experimental work and computational modeling.
- If you are interested, please contact Dr. Gopalakrishnan with your –
 - 1) Curriculum Vitae,
 - 2) Statement of your research interests,
 - 3) MS and BS transcripts,
 - 4) publications, and Masters thesis, if applicable.

Due to high volume of applications, replies will be sent only for those that are a good fit and send information in the prescribed format.

Multiple PhD student positions University of Memphis

Direct Link: <https://www.AcademicKeys.com/r?job=236925>

Downloaded On: Jun. 29, 2024 12:12pm

Posted May 31, 2024, set to expire Sep. 30, 2024

The University of Memphis does not discriminate against students, employees or applicants for admission or employment on the basis of race, color, religion, creed, national origin, sex, sexual orientation, gender identity/expression, disability, age, status as a protected veteran, genetic information or any other legally protected class with respect to all employment, programs and activities sponsored by the University of Memphis. The following position has been designated to handle inquiries regarding non-discrimination and anti-harassment policies: Director for Institutional Equity/Title VI Coordinator, ois@memphis.edu, 156 Administration Building, 901.678.2713. The University of Memphis policy on nondiscrimination can be found at <https://memphis.policytech.com/dotNet/documents/?docid=430>. An Equal Opportunity/Affirmative Action University

Contact Information

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

Contact Dr. Ranganathan Gopalakrishnan
Mechanical Engineering
University of Memphis
312 Engineering Science Building
Memphis, TN 38152

Contact E-mail rgplkrsh@memphis.edu