



Fully Funded PhD Position Available — Nuclear Engineering

Details

The NEXT-RAD (NEXT-Generation RADiation Measurements Group) at Tennessee Tech University is seeking a highly motivated PhD student to join an exciting and rapidly growing research program in Nuclear Engineering.

This is a fully funded PhD position, including full tuition support and a competitive stipend. The selected student will engage in interdisciplinary, cutting-edge research in radiation measurement and detection technologies, with opportunities to work on:

- Advanced neutron and gamma-ray detection
- Multimodal sensing and data fusion
- Mobile and robotic radiation sensing platforms

These efforts directly support applications in nuclear nonproliferation and national security, offering meaningful, real-world impact. Students will receive strong computational and hands-on laboratory training and, subject to funding availability, will have opportunities to present their research at national and international conferences.

How to Apply

Applicants with a strong background in nuclear engineering or a related field should send an email to mksharma@tntech.edu with the following materials:

- **Subject line:** *PhD Application*
- **One-page statement** of motivation and research interests
- **Detailed CV**

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