

Graduate Research Assistant  
Tennessee Technological University

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Posted Mar. 13, 2018, expired Jul. 13, 2018

<b>Job Title</b>	Graduate Research Assistant
<b>Department</b>	Mechanical Engineering
<b>Institution</b>	Tennessee Technological University Cookeville, Tennessee
<b>Date Posted</b>	Mar. 13, 2018
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Robotics Mechatronics Manufacturing & Quality Engineering

**Apply By Email**

**Job Description**

Graduate Study Opportunity  
Smart Manufacturing and Data Analytics Group  
College of Engineering,  
Tennessee Technological University

A Smart Manufacturing and Data Analytics Group (<https://sites.google.com/site/smandda/>) at Tennessee Tech. Univ. is hiring two PhD students for this 2018 or Spring 2019 semester. Potential applicants (e.g., Fall 2019 or after) can contact Dr. Duckbong Kim ([dkim@tntech.edu](mailto:dkim@tntech.edu)) to discuss their interests and possibilities. Tuition, stipend (\$1500/month for a PhD student), and travel for conferences will be financially supported.

Our research group focuses on smart manufacturing and data analytics, such as industrial automation and robotics, additive manufacturing (AM), machine vision, data analytics, and decision support. Our current primary research is in AM technologies, specifically the wire+arc additive manufacturing. For

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detail information, please visit the web-site of Smart Manufacturing and Data Analytics Group.

Required background & knowledge: mechatronics, industrial automation and robotics, additive manufacturing, machine vision, welding, and programming (e.g., C++ and Python). Applicants should hold a baccalaureate or a master degree in a field of mechanical engineering, electrical engineering, computer science, industrial engineering or related-areas. Applicants should have earned a minimum of

- GPA: 3.0 on a 4.0 GPA scale (3.4 or the above preferred).
- GRE: Quantitative greater than 50%; Verbal greater than 33%; Writing greater than 33%
- TOEFL: 213 computer-based or 79 internet-based or can be replaced with TOEIC score.

If you are interested in this graduate study opportunity, please send your C.V. to Dr. Duckbong Kim (dkim@tntech.edu). We are looking forward to seeing highly motivated applicants for graduate study.

Best regards,

Duckbong Kim, PhD

Assistant Professor

Department of Manufacturing and Engineering Technology

Tennessee Technological University

Lewis Hall 111A

Phone: +1-931-372-3327, [dkim@tntech.edu](mailto:dkim@tntech.edu)

Home Page: <https://sites.google.com/site/smandda/>

ResearchGate: [https://www.researchgate.net/profile/Duck\\_Bong\\_Kim2](https://www.researchgate.net/profile/Duck_Bong_Kim2)

Google Scholar: [https://scholar.google.com/citations?user=OJtZt\\_YAAAAJ&hl=en](https://scholar.google.com/citations?user=OJtZt_YAAAAJ&hl=en)

### Contact Information

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

**Contact**      Duckbong Kim  
Tennessee Tech University  
Cookeville, TN

**Phone Number**      3013723327