

The Brief

College of Engineering Student,
Faculty and Staff Newsletter

August 23, 2016



Tech's Ambareen Siraj invited to White House

Ambareen Siraj, an associate professor of computer science and the director of Tennessee Tech University's Cybersecurity Education, Research & Outreach Center, participated in a meeting on developing the K-12 computer science and technology education pipeline for the national security industry. [Read the full article.](#)



ASME students place 3rd in international design competition

The Tennessee Tech University American Society of Mechanical Engineers student team captured third place recently in the design competition at the 2016 ASME Student Professional Development Conference at Georgia Institute of Technology in Atlanta. [Read the full article.](#)



Welcome back to campus for fall 2016!

The beginning of a semester is always an exciting time as students and faculty reappear in full force, activity returns to campus, organizations begin to meet, athletic challenges ensue and learning resumes both in our classrooms and beyond. Hope you are relaxed and recharged for the challenges of a new year! [Read the full Welcome from Dean Rencis.](#)



Meet Gerald C. Gannod, Ph.D., the new Chair for Computer Science!

His specialties are software reverse engineering, web and mobile development (specifically web services in enterprise computing), predictive analytics, visualization, and Agile approaches for computing education.



Meet Venkat Padmanabhan, Ph.D., new assistant professor in Chemical Engineering!

His research interests are self-assembly of nanoparticles in polymer matrix, polymer nanocomposite films for organic photovoltaics, and biomechanics of *C. elegans*.



Meet DuckBong Kim, Ph.D., new assistant professor in Manufacturing and Engineering Technology!

He has four patents, and his research interests include advanced manufacturing technologies, such as additive manufacturing, smart manufacturing and sustainable manufacturing.



Meet Pinggen Chen, Ph.D., new assistant professor in Mechanical Engineering!

Some of his research areas include: hybrid powertrain, internal combustion engines, alternative and renewable fuels, and intelligent transportation systems.

**DENSO
DAY!**

DENSO DAY Sept. 9th

Tour DENSO, learn how DENSO approaches problem solving and explore available career pathways. Bus transportation provided. There is a \$5 refundable deposit. Students must take the bus and attend DENSO DAY to have deposit refunded. **Register in CLEM 201 before September 7. SPACE IS LIMITED.**



Engineering Student Success Fair September 15, 2016, 10 AM - 1PM in the Oakley STEM Center Lobby

Join us for the [Engineering Student Success Fair](#) and enjoy FREE chicken sandwiches, chips, and drinks. Learn more about the programs and services offered by or supervised by the [Student Success Center](#).



Tech awarded grant for new active learning classroom

Tennessee Tech has received a grant to install an active learning classroom from Steelcase Education, a leader in creating learning spaces for students and educators. A chemical engineering course will provide the pilot classroom space for the project.

[Read more about the active learning classroom.](#)



Tips to start a new semester smoothly from [Thomas Frank on YouTube](#)
Find more information from Thomas on his website www.collegeinfo geek.com.

Here's more great information from [College Atlas](#)
[Top 10 Study Skills](#)
[Time Management](#)
[Memory Techniques](#)
[Test Taking and Preparation](#)
[Improve your Reading Comprehension](#)
[Math Study Tips](#)

Make a plan and stick with it!



Look for the next issue of [The Brief](#) **October 13, 2016.**

The Brief is published six times per year, at the beginning of each semester, after the mid-semester break and at the end of each semester. Please submit articles, events and notices no later than one calendar week before the distribution date to engineering@tntech.edu.



“And now we welcome the new year, full of things that have never been.”

— Rainer Maria Rilke



Email us!

We would love to know about the exciting things happening in your life. Send information on your news worthy items or upcoming events within the College of Engineering to engineering@tntech.edu



College of Engineering

Clement Hall 201

P: (931) 372-3172 | F: (931) 372-6172

engineering@tntech.edu

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