2019 Tennessee Tech College of Engineering New Faculty Research Seminar Series

The Network of Everything – Challenges and Opportunities

Presented by Susmit Shannigrahi Ph.D., Assistant Professor, Computer Science

Abstract: The Internet is traditionally viewed as a black box that primarily provides transport of packets. While this abstraction is convenient, it can be very inefficient for the next-generation of networked applications. Using real-world examples such as Big-Data and the Internet of Things (IoT), this talk touches upon the incongruities between applications and the network, and addresses how to fix them. Finally, the talk points out the technological opportunities that can advance the state of both networking and application research.

About the Speaker: Susmit Shannigrahi his received his Ph.D. in Computer Science from Colorado State University in 2019. His research interests include networking for big data, next-generation mobile networks, and future Internet architectures and protocols. For his research, he collaborates with diverse communities such as Climate, High Energy Physics, and Genomics. He has authored and co-authored multiple peer-reviewed publications and has a number of other technical contributions.

Thursday, Oct. 3 2019, 4:30 to 5:30 p.m. Prescott Hall, Room 225

For more information, visit www.tntech.edu/engineering/research or contact engineering@tntech.edu or call (931) 327-3172.