



ECE PROFESSIONAL DEVELOPMENT AND CAREER PLANNING DAY

**FEBRUARY 10, 2020
12:00-2:00 P.M.
HEC 101**

Kalyan K. Karnati received the M.S. and Ph. D degree in electrical engineering from the University of Central Florida (UCF), Orlando, in 2011 and 2015 respectively. He is currently working as senior research and development engineer in advanced Bulk Acoustic Wave (BAW) development team at Qorvo, Apopka, FL. His research interests include advanced BAW filters, reflectarrays, micro-fabrications and reconfigurable antennas. Mr. Karnati has served as chair and vice-chair for IEEE Microwave Theory and Techniques (MTT) and IEEE Antennas and Propagation (AP) from 2012-2014. He was reviewer for IEEE Transactions in Antennas and Propagation (TAP), Progress in Electromagnetic Research (PIER) and Journal of Electromagnetic waves and applications.



Larry is the Engineering Lead for Capacity Planning in the Reliability Engineering department. In this role, he is principal liaison for the transmission organization and responsible for sponsoring the Transmission and Distribution projects that either add or increase capacity of the distribution infrastructure in Florida. With more than thirty-four years in the utility industry, Larry has served in various leadership capacities and represented his organization within the industry as well as on several special projects. During major storms, Larry is the System Forensics Damage Assessment Lead for the Florida Region of Duke Energy. Larry has also served two years as an Associate Director for GOBA.



Electrical and Computer Engineering

POWER AND RENEWABLE ENERGY TRACK RF AND MICROWAVE TRACK

- 12:00 PM Welcome, Dr. Parveen Wahid, ECE UG Coordinator

 Introductions
 Mrs. Charlese Hilton-Brown, ECE UG Advisor
- 12:05 PM Greetings, Dr. Zhihua Qu, ECE Chair
- 12:10 PM Power and Renewable Energy
 Mr. Larry Bonner, Reliability Engineer, Duke Energy
- 12:40 PM Open discussion
- 1:00 PM RF and Microwaves
 Dr. Kalyan K. Karnati, Senior Research and
 Development Engineer, Qorvo, Florida
- 1:30 PM Open discussion

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ECE Undergrad Office: 407-823-2341

ECE Graduate Office: 407-823-3027