



## **Dr. Rabi Mahapatra**

**Title: IoT's Bold Vision: Computing & Security concerns.**

### **Abstract:**

The keynote will introduce the scope of IoT systems and what involves making IoTs work. We shall present various challenges to sustain IoT systems. In particular, we shall address the big data created by IoTs, need of intelligent computations and vital security concerns of IoT frameworks.

### **Brief Bio-sketch:**

Dr. Rabi Mahapatra is a Professor in the Department of Computer Science and Engineering at Texas A&M University since 1995. He was a faculty at Indian Institute of Technology, Kharagpur, India and a Faculty Fellow at IBM T.J Watson Research Center, USA. His principal areas of research are Embedded Systems, Systems on Chip, Low-power system design, IoTs and Data Analytic Codesign. Dr. Mahapatra serves as the chair of the Graduate Admission in CSE Department and directs the Embedded Systems Research Group at Texas A&M University. He served in the Editorial board of ACM Transactions on Embedded Computing, IEEE Transactions on Parallel Distributed Systems, and currently serving EUROCHIP Journal on Embedded Systems. He has published three books and numerous research articles in the refereed International Journals and Conference Proceedings. Dr. Rabi Mahapatra is a Ford Fellow, BOYS-CAST Fellow, Senior-Member IEEE Computer Society, and was a Distinguished Visitor of IEEE Computer Society. Dr. Mahapatra received Undergraduate Teaching Excellence award in 2010.