

# Department of Computer Science

## Colloquium Series

### The Bitcoin Blockchain algorithm - a closer look

Presenter: Sudip Lama

Time: Friday, September 16, 2016, 2:00 pm - 3:00 pm

Venue: Petty 150

#### **Abstract:**

Blockchain is a peer-to-peer distributed ledger technology, or a record of a transaction. Each transaction is digitally signed to ensure its authenticity and that no one tampers with it, so the ledger itself and the existing transactions within it are assumed to be of high integrity. Each members exchange items of value through a ledger, which each member possesses and whose content is always in sync with the others.

#### **Sudip's Bio:**

Sudip Lama is a Graduate Assistant at University of North Carolina – Greensboro in the Computer Science Department. During summer, he worked as a Summer Intern in IBM, Raleigh. As part of his internship duties, he researched on Block Chain technology and its implementation. He has authored a book on C++ in 2013. He is passionate about programming and dedicates his time on researching new technologies. However when he wants to take break, he watches movies and funny videos .