



SEMINAR

Dt. 2.11.2011

Title: "Real-Time Scheduling for Multiprocessor Systems"

Speaker: Dr. Nikhil Gupta

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Field of research: Real-Time Systems, Many core systems, Operating Systems design, Low power system design, System software design and Network Security

Venue: Conference Hall

Date: 4.11.2011

Time: 3:10 pm to 4:00 pm

Abstract:

Real-Time systems are an important class of computer systems which need to guarantee timely execution. Process control systems, weather information systems and air traffic control are some examples of real-time systems. Although well studied for uniprocessor systems, real time scheduling algorithms for multiprocessor systems is still a nascent topic. In this seminar I will introduce the topic of multiprocessor real time scheduling with directions for research work.

Short Bio-data:

Nikhil Gupta is currently an Assistant Professor in the Computer Science Department at BIT. He received his B.Tech degree in Computer Science from Indian Institute of Technology, Guwahati in 2006 and defended his PhD dissertation in October 2011 from Texas A&M University. His research interests are in the domain of Real-Time Systems, Many core systems, Operating Systems design, Low power system design, System software design and Network Security.

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