Cordially Invites you to the

INSTITUTE COLLOQUIUM
(Electrical Sciences Division)

Professor P S Sastry
Department of Electrical Engineering

Finding patterns in sequential data: The frequent
episodes approach in temporal data mining

Date : Wednesday, 4th March 2015
Venue :Faculty Hall, Main Building
Time : 4-00 p.m.

Prof Anurag Kumar, Director
will preside

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Abstract:

Discovering frequent patterns is a popular problem in data mining. For analyzing (symbolic) sequential data, episodes represent one class of interesting patterns. Here the data is viewed abstractly as a sequence of events each characterized by an event-type and a time of occurrence. An episode is essentially a small subset of event-types along with a partial order over it. The data mining problem is to efficiently discover frequently occurring episodes that are in some sense significant. In this talk, we present an overview of this temporal data mining problem and discuss some algorithms.

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Tea : 5-00 p.m.

ALL ARE WELCOME