



Visvesvaraya National Institute of Technology, Nagpur

Department of Computer Science & Engineering

Call for Participation in One Week Workshop
On

"Schedulability Analysis for Real Time Systems (RTS-2016)"
Organized by Department of Computer Science & Engineering, VNIT, Nagpur
Dates: December 12-17, 2016
(Registration Deadline: 10th December, 2016)

Introduction

Visvesvaraya National Institute of Technology, Nagpur is one of the thirty National Institutes of Technology in the country. It is named in the memory of Bharat Ratna Shri Mokshgundam Visvesvaraya. The institute offers under graduate & post graduate courses in various disciplines of Engineering & Technology. Apart from imparting professional education, the institute has been extending available expertise to various industries located in and around Nagpur. The Department of Computer Science & Engineering is actively involved in R&D as well as consultancy projects and has collaborations with several industries, academic institutes and R&D organizations in the country.

Objectives

- Designing cyclic schedulers for hard real time systems.
- Understanding of techniques for determining schedulability of periodic tasks and sporadic jobs.
- Development of algorithms for integrating resource access control with scheduling techniques.
- Discussion and review of various research issues in the field of real time systems.

Workshop Contents

- Modeling real time systems and predictability analysis
- Cyclic scheduling
- Schedulability tests for static priority and dynamic priority based systems
- Scheduling aperiodic and sporadic jobs in priority based systems
- Algorithms for shared resource access

Target Audience

Faculty of Science & Engineering Departments, UG/PG students, Research Scholars.

Workshop Coordinators

- Dr. U. A. Deshpande
- Dr. R. B. Keskar

Dept of Computer Science & Engineering, VNIT, Nagpur

Important Dates

- Workshop Dates : 12th – 17th December, 2016
- Registration Deadline : 10th December, 2016

Workshop Registration

- Participants are requested to visit institute website <http://www.vnit.ac.in/~RTS-2016>
- Once the registration is confirmed, the details will be mailed to the participants.
- No Accommodation will be provided.
- TA/DA will not be provided to the participants.
- Registration will be done strictly on First Come First Serve (FCFS) basis.

Workshop Fee Structure

- Rs. 1000/- per participant
- (Registration Fee includes registration kit and tea)

Contact Information

Email: uadeshpande@gmail.com
Phone No: +91-712-2801027, +91-9822698329

Visvesvaraya National Institute of Technology, Nagpur (India)

Department of Computer Science & Engineering

Registration Form

One Week Workshop

on

“Schedulability Analysis for Real Time Systems(RTS-2016)”

Organized by Dept. Of Computer Sci. & Engg., VNIT, Nagpur

Dates: December 12-17, 2016

Please Tick Faculty JG Student PG Student Rese Scholar

1. Name: _____

In Block Letters (First Name) (Middle Name)(Last Name)

2. Address: _____

City: _____ State: _____ Pin Code: _____

3. Phone: _____ Mobile: _____

4. E-mail: _____

5. Name of Institute/University : _____

6. Demand Draft (DD) No _____ (For. Rs. 1000/-)

7. Bank Name _____ Date _____

DD in the name of “The Director, VNIT, Nagpur” payable at Nagpur

Date : _____

Signature of Applicant

Please send registration form along with Demand Draft to the workshop coordinator so as to reach on the following address on or before December 10, 2016.

Dr. U.A.Deshpande or Dr. R. B. Keskar RTS-2016 Workshop Coordinators

Dept. of Computer Science & Engg., VNIT, Nagpur, 440010.

Landline: +91-0712-2801027 Mobile No.: +91-9822698329

Email: uadeshpande@gmail.com

- ❖ On receipt of registration form and DD, confirmation of registration will be emailed, provided seats are available. Late registrations may not be entertained.
- ❖ No refund of registration fees will be made once the registration is confirmed