

Short Training Programme
on
Real Time Systems (RTS)

7th and 9th November, 2017



*Department of Computer Science and Engineering
Malaviya National Institute of Technology (Deemed University)
Jaipur – 302 017*

Sponsored by TEQIP, MNIT Jaipur

Convener- Dr Girdhari Singh, HoD, CSE

Program Coordinators:
Dr. Namita Mittal
Department of CSE, MNIT Jaipur
Dr. Mushtaq Ahmed,
Department of CSE, MNIT Jaipur

Aim / Objective:

- ♦ *To discuss and explore recent and advance topics in “Real Time Systems“.*
- ♦ *To provide an opportunity to interact with experts in the field and discuss the challenges faced in RTS.*
- ♦ *How to resolve / handle Real Time (Velocity) issues in Big Data scenarios.*

Broad Topics likely to be covered in the tutorial:

- ♦ *Aperiodic task scheduling: fixed priority server/non-server based scheduling algorithms.*
- ♦ *Practical factors/overheads of scheduling.*
- ♦ *Introduction to multiprocessor Real-time systems, Problems and Issues.*
- ♦ *Real-time operating system, Real Time DBMS*
- ♦ *Hands on programming experience in RTS Scheduling and System Design*

Level

- *B.Tech / M.Tech./ PhD Students of Computer Science and Engineering*

Duration

- *Three days (7th Nov – 9th Nov 2017)*

Contact hours

- *Theory lectures 09 hour and Practical 06 hours*

Venue – Seminar Hall, CSE Department

Resource Persons

- *Prof. M. C. Govil, Director NIT Sikkim*
- *MNIT Jaipur Faculty members and PhD Scholars*

Registration Fee Structure

- *FREE for Students*

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