

Chapter/Student Branch Name: CMR Technical Campus

Region: V

Event Date: 09-07-2015

Event Title: Guest lecture on “**REAL TIME OPERATING SYSTEMS AND ITS APPLICATIONS**”

Speakers: Mr. Pramod Kumar Jha, Scientist-E & Head of MMG at CAS-DRDO, Hyderabad

Gist of the Event:

Speaker delivered Concepts on “**OPERATING SYSTEMS AND ITS APPLICATIONS**” and covered following Concepts:

1 Overview

2 Design philosophies

3 Scheduling

3.1 Algorithms

4 Intertask communication and resource sharing

4.1 Temporarily masking/disabling interrupts

4.2 Binary semaphores

4.3 Message passing

5 Interrupt handlers and the scheduler

6 Memory allocations

7 Examples



Guest delivering the lecture to students