



**E0343 Jan. 3:1**

## **Topics in Computer Architecture**

### **Instructor**

R Govindarajan/Matthew Jacob T

Email: govind@iisc.ac.in

### **Teaching Assistant**

Email:

**Department: CSA**

Course Time:

Lecture venue:

Detailed Course Page:

## **Announcements**

### **Brief description of the course**

This is an advanced course in Computer Architecture, specifically meant for those who are interested in taking up research work/dissertation project in this area. The course will cover advance topics in computer architecture.

### **Prerequisites**

E0243

### **Syllabus**

Advanced Topics in Computer Architecture. Current literature in the areas of processor architecture, memory system design, accelerators, and high performance architectures

### **Course outcomes**

Understanding advanced topics in Computer Architecture with specific focus on t processor architecture (multi-core architecture), memory system design, accelerators, and high performance architectures

### **Grading policy**

10% class participation

40% term project

50% final examination

## **Assignments**

## **Resources**