



**IN 212 January 3:0**

## **Advanced Nano/Micro Systems**

### **Instructor**

Abha Misra

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### **Teaching Assistant**

None

Email: NA

**Department: Instrumentation and Applied Physics**

Course Time: 2:30-4 PM

Lecture venue: Lecture in IAP

Detailed Course Page: Not available

## **Announcements**

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

This course is for the students who would like to know the systems at small scale length, their requirements, basics of their fabrication and involved techniques. Students from both engineering and basic sciences background

are eligible to take the course. This course mainly helps understand the students to build the systems for different applications at nanometre and micrometre scale.

### **Prerequisites**

None

### **Syllabus**

Available on website.

### **Course outcomes**

Students learn the phenomenon involved at small scale lengths that provided the information about the working of the systems and all the information related to fabrication. Case by case study is taken to teach them about various systems.

### **Grading policy**

Mid term 50% and final exam 50%

## **Assignments**

After each case study an assignment is given.

## **Resources**

Books, research papers.