

## **ADVANCED TOPICS IN SOFTWARE ENGINEERING (SE-O-12)**

### **AIMS:**

The aim of this module is to provide an insight into the freshest research directions and achievements in the field of software engineering that are not covered in the rest of the modules.

### **LEARNING OUTCOMES:**

Upon successful completion of this module, the student will be able to:

- appreciate the need to learn new theories, models, techniques and technologies as they emerge;
- appreciate the necessity of continuing professional development and application of newest research achievements in the practice.

### **SYLLABUS CONTENT:**

Various advanced research topics will be covered by internal or external experts including agent technology, bio-informatics, health informatics, pervasive computing...

The content of the module will vary yearly depending on current trends and advances.

**PREREQUISITES:** None

**RECOMMENDED ASSESSMENT:** Coursework