

# Software Engineering

Module CS5002NP



PLEASE KEEP YOUR  
MOBILE PHONE IN SILENT MODE

# Agenda

## 1. Module Introduction

- Module Leader
- Module Objective
- Assessments and Syllabus
- Recommended Booklist



# Module Leader

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- Sandeep Gurung
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- Contact: 9802831137

# Module Running In



**Slington college**  
(इरिलिङ्टन कलेज)



# Introduction to the Module

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## **1. Overview of Module**

- ❖ What can you expect?

## **2. Learning Objectives**

- ❖ How will you benefit?

## **3. Learning Strategy**

- ❖ How you will learn?

## **4. Assessment Overview**

- ❖ How you will be tested?

# Overview of Module

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**How do you start project?**

# Learning Objectives

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- Demonstrate an understanding of the concepts and principles of system development and software development.
- Describe and compare a number of standard software development methods.
- Demonstrate an understanding of the aims of the main stages within a range of standard software development methods and how key techniques work together to support these aims
- Apply a range of key modeling techniques appropriate for development in a variety of problem domains - together with an awareness of supporting CASE tools.



# Software Engineering



**What it is?**





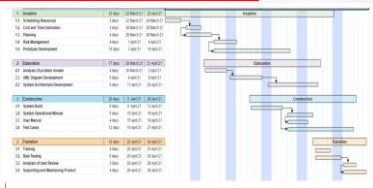
# Learning Objectives

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- Demonstrate practical skills in building fragments of software systems using suitable design patterns and software development tools
- Demonstrate an awareness of quality assurance issues and documentation standards.
- Work in teams and individually; select and use appropriate communication formats



# Gantt Chart







# Learning Strategy

1. This module runs over 1 year, containing 30 teaching weeks.
2. In each teaching week, students will attend 1 lecture, 1 workshop, and 1 lab session.
3. The purpose of the learning activity is to provide students with the opportunity to apply lecture knowledge through workshops and lab sessions



# Focus on

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1. Software / System Development Knowledge
2. FYP Report Writing
3. Examination



# Assessment Overview

There are 3 modes of assessment

## First Semester

Assessment component 1 is a group coursework comprising **20%** of overall marks.(week 11)

## Second Semester

Assessment component 2 is an individual coursework comprising **35%** of overall marks.(week 26)

Assessment component 3 is an individual examination comprising **45%** of overall marks.(week 29)



# Recommended Books

Books		
Book 1 [Core Text]	Author	Ian Sommerville
	Title	Software Engineering
	Publisher	Pearson
	Year Published	2009
Book 2 [Supplementary Text]	Author	Ivar Jacobson, Grady Booch, James Rumbaugh
	Title	The Unified Software Development Process
	Publisher	Addison-Wesley
	Year Published	1999
Book 3 [Supplementary Text]	Author	Roger S. Pressman
	Title	Software Engineering - A Practitioner's Approach
	Publisher	MC Graw Hill Education
	Year Published	2010





# Attendance, Plagiarism and Submissions

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1. The minimum attendance criteria is 80%.
2. Not any sorts of plagiarism is entertained.
3. The submissions for each assessment component is

11<sup>th</sup> week

26<sup>th</sup> week

29<sup>th</sup> week.



# Google Classroom Code

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# Thank You

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