

CSE330: Integrated Software Development Lab

Programme: B.Tech. (CSE)

Year: 3

Semester: 5

Course: Program Core

Credits: 2

Hours: 40

Course Context and Overview:

Students will acquire software development skill through various stages of software development life cycle. This includes requirement analysis, design and implementation of a software. The objective is to apply the understanding of various Knowledge areas of Computer Science like programming languages, algorithms, information management, operating systems etc in development of targeted software. The development process will be analyzed at various stages. This will help to gain real insight into the problems of software development and make improvements in the process.

Prerequisites Courses:

Computer Programming, Data Structures, Advanced Programming, Information and Database Management System, Operating System

Course outcomes (COs):

On completion of this course, the students will have the ability to:	
CO1	Build upon and adapt knowledge of programming languages, algorithms, information management, operating systems and software engineering and apply to defined project.
CO2	Use effective communication skills and technical skills to ensure development of software with user acceptance.
CO3	Work as effective team members and contribute ethically and professionally.

Evaluation Methods:

Component	Weightage (%)
Continuous evaluation	50%
Midterm	20%
Additional Features	10%
Endterm	20%

Prepared By: Dr Rajbir, Dr Sunil Kumar, Dr Mukesh Jadon

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