



Course Name: Best Programming Practices

(UG/PG): PG

Number of Credits: 2

Level: 4

Learning Objective(s): This course will help students to understand the coding practices adopted in an organization. It will also help understand the code construction practices, its impact on overall software development

Pedagogy:

Lectures
Case Study
Presentation
Debates and Discussions

Pre-learning:

Knowledge of any programming language – C, C++, Java

Course Outline:

Sr.No.	Topic	Hours
1	Software Architecture	4
2	Defensive programming practices	4
3	Documentation and Self documenting Code	4
4	Code design	6
5	Performance Tuning of the code	6
6	Object oriented programming and design patterns	6

Books Recommended:

Code Complete
Code craft

Suggested Evaluation Methods:

Parallel/Similar courses the existing curriculum:

S.No.	Name of the course	Institute where it was offered

Name of Member					
Designation					
Org. / Inst.					
Signature					

Signature:

Date: