

MINOR PROJECT - SYLLABUS

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Practical : 4 Year : III

Part : II

Objectives:

To carry out a small scale project to develop hands-on experience of working in a project. During the course, the student will also develop knowledge of application development platforms and tools (Java /C# dotnet / Visual C++/PHP or any platform of current trend). The students will learn working as a team and basic collaboration and project management skills. The student will also learn about formulating project documentations.

1. Project ideas and proposal guidance (4 hours)
2. Application development (10 hours)
 - a. Visual programming (object oriented)
 - i. Language basics
 - ii. Frameworks and APIs
 - b. Programming basics and design patterns
3. Project management, team work and collaboration (8 hours)
 - a. Project management techniques
 - b. Collaborative development environment
4. Project guidance (5 hours)
5. Project work (30 hours)
6. Project documentation guidance (3 hours)