

**KARPAGAM ACADEMY OF HIGHER EDUCATION**

*(Deemed to be University)*  
*( Established Under Section 3 of UGC Act 1956)*  
**Coimbatore – 641 021.**

**DEPARTMENT OF COMPUTER SCIENCE, CA & IT**

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**SUBJECT : SOFTWARE ENGINEERING - PRACTICAL****SEMESTER : VI****SUBJECT CODE : 16CSU412****CLASS : II B.Sc(CS)**

S. No	Practical Title
1.	<ul style="list-style-type: none"><li>• Problem Statement</li><li>• Process Model</li></ul>
2.	Requirement Analysis: <ul style="list-style-type: none"><li>• Creating a Data Flow</li><li>• Data Dictionary, Use Cases</li></ul>
3.	Project Management: <ul style="list-style-type: none"><li>• Computing FP</li><li>• Effort</li><li>• Schedule, Risk Table, Timeline chart</li></ul>
4.	Design Engineering: <ul style="list-style-type: none"><li>• Architectural Design</li><li>• Data Design, Component Level Design</li></ul>
5.	Testing: <ul style="list-style-type: none"><li>• Basis Path Testing</li></ul>

**Sample Projects:**

1. **Criminal Record Management:** Implement a criminal record management system for jailers, police officers and CBI officers
2. **DTC Route Information:** Online information about the bus routes and their frequency and fares
3. **Car Pooling:** To maintain a web based intranet application that enables the corporate employees within an organization to avail the facility of carpooling effectively.
4. Patient Appointment and Prescription Management System

5. Organized Retail Shopping Management Software
6. Online Hotel Reservation Service System
7. Examination and Result computation system
8. Automatic Internal Assessment System
9. Parking Allocation System
10. Wholesale Management System