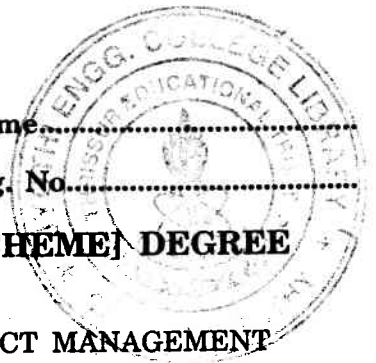


**D 90178**

Name .....

Reg. No. ....



**FIFTH SEMESTER B.TECH. (ENGINEERING) [09 SCHEME] DEGREE  
EXAMINATION, NOVEMBER 2015**

**CS/IT/PTCS 09 501—SOFTWARE ARCHITECTURE AND PROJECT MANAGEMENT**

Time : Three Hours

Maximum : 70 Marks

**Part A**

*Answer all questions.*

1. List the different architecture styles.
2. Define MDA with archetype patterns.
3. What is command and momento ?
4. What is data mapper ?
5. What is RPC ?

(5 × 2 = 10 marks)

**Part B**

*Answer any four questions.*

1. Discuss on allocation view type and styles.
2. Explain the use of patterns in interactive systems.
3. List the benefits of design pattern.
4. Write the procedure for process automation.
5. Write about styles on component view type.
6. What are the languages used for Pattern ?

(4 × 5 = 20 marks)

**Part C**

- I. (a) Explain the use of factor table and issue card in the software architectural process.

*Or*

- (b) Elaborate on Styles of Interfaces and documenting behaviour.

- II. (a) Explain the model driven architecture with archetype patterns.

*Or*

- (b) Describe Access Control patterns.

- III. (a) Explain about structural patterns.

*Or*

- (b) Describe Communication patterns.

- IV. (a) Discuss about Data source architectural patterns.

*Or*

- (b) Write the procedure for organizing Domain logic.

(4 × 10 = 40 marks)