



ICT Tool

The screenshot shows the LMS@EME A interface. The browser address bar displays lms.emeacollege.ac.in/course/view.php?id=48. The page title is "BCS5B10 Principles of Software Engineering 21". The user is logged in as "HAULATH K. FACULTY". The left sidebar contains a navigation menu with options: SE, Participants, Badges, Competencies, Grades, General, Module 1, Module 2, Module 3, Module 4, Dashboard, Site home, Calendar, Private files, Content bank, and My courses. The main content area displays the course title and a breadcrumb trail: "Dashboard / My courses / SE". Below this, there are sections for "Announcements" and "Attendance" (with a "Mark as done" button). A dark green header for "Module 1" is visible, followed by an "Objective" section with two bullet points: "To learn engineering practices in Software development." and "To learn Various Process Models". The "Content" section lists the course topics: "Software and Software Engineering: Overview of Software Engineering, Practice & Myths; Software Process; Generic process model- Framework Analysis; Task Set, Process Patterns, Process Improvement; SDLC; Representative process model; Waterfall Model; Spiral Model; Incremental Process Model".

This screenshot shows the same LMS@EME A interface as above, but with additional content. The "Process.." section is visible, containing "SE tutorials" (with a "Mark as done" button and a video player) and "SE Prescribed Textbook" (with a "Mark as done" button). Below this, a dark green header for "Module 2" is shown, followed by an "Objective" section with one bullet point: "To learn about the development of SRS". The "Content" section lists the topics: "Requirements Engineering- Establishing the Groundwork- Eliciting Requirements - Developing use cases - Building the requirements model - Negotiating, validating Requirements - Requirements Analysis-Requirements Modeling Strategies." A small circular icon is visible in the bottom right corner of the content area.



The screenshot shows the LMS@EME A interface. The left sidebar contains navigation options: SE, Participants, Badges, Competencies, Grades, General, Module 1, Module 2, Module 3, Module 4, Dashboard, Site home, Calendar, Private files, Content bank, and My courses. The main content area displays 'Module 3' with the following details:

- Objective:** To learn various software development methodologies and practices.
- Content:** MODELING WITH UML: Concepts and Diagrams - Use Case Diagrams - Class Diagrams - Interaction Diagrams - State chart Diagrams - Activity Diagrams - Package Diagrams - Component Diagrams - Deployment Diagrams - Diagram Organization- Diagram Extensions. Design Process- Design concepts: Abstraction, Architecture, patterns, Separation of Concerns, Modularity, Information Hiding, Functional Independence, Refinement, Aspects, Refactoring, Object Oriented Design Concepts, Design Classes- Design Model: Data, Architectural, Interface, Component, Deployment Level Design Elements.

Below the content is a 'Learning Materials' section with a 'Mark as done' button. A 'Back to Top and Scrollspy' button is visible at the bottom right of the content area.

The screenshot shows the LMS@EME A interface. The left sidebar is identical to the previous screenshot. The main content area displays 'Module 4' with the following details:

- Objective:** Learn various Coding Strategies
- Content:** Structured coding Techniques-Coding Styles - Standards and Guidelines-Documentation Guidelines-Modern Programming Language Features: Type checking-User defined data types-Data Abstraction Exception Handling - Concurrency Mechanism.

Below the content is a 'Learning Materials' section with a 'Mark as done' button. At the bottom of the page, there is a footer area with the following links: HAULATH K. FACULTY Log out, Reset user tour on this page, Home, Help and documentation, Data retention summary, and Get the mobile app.



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ICT Web Link

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