Faculty of Computer Applications and Information Technology
M. Sc. (IT) – Sem 2
Capstone Project - II
Schedule for MScIT Capstone Project -II
(Project Progress Tracking & Mentoring Schedule)

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This schedule is for monitoring the c**ontinuous progress of the Capstone Project and for regular mentoring.**

Capstone Project **Midterm and External** Evaluations will be conducted separately, as per the academic calendar.

All project groups must meet their assigned guide **on or before the specified dates to present the work completed as mentioned.**

Attendance of every group member is mandatory, as **CEC marks** will be awarded **based on individual attendance.**

13th January – Technology Finalization, Team Roles, and Database Design
- Finalize the complete technology stack for the project.
- Define and document roles and responsibilities of each team member.
- Design the database schema and create required tables.
- Insert dummy data to validate the database design.

27th January – Admin Panel and Master Data Management
- Design and develop the admin panel.
- Implement CRUD (Create, Read, Update, Delete) operations for all master tables.
- Ensure basic data validation for admin operations.

16th February – Client-Side Application Development
- Develop the client-side (user-facing) application.
- Implement required screens and user workflows.
- Ensure proper navigation and basic responsive design.

Capstone Project Midterm–I: Up to Mobile Application Development
- Develop a mobile application for at least one user role.
- Implement core features relevant to the selected role.
- Perform basic functional testing of the mobile app.

14th March – Backend Development and API Integration
- Develop backend services and business logic.
- Create APIs required for system functionality.
- Integrate APIs with frontend and mobile applications.

Capstone Project Midterm–II: Up to LLM Integration / Model Development
- Design or select an appropriate AI/ML/LLM model.
- Develop or integrate the model into the application.
- Verify that the model produces meaningful outputs.

16th April – Security Implementation, Deployment
- Implement security features such as authentication and two factor authorization.
- Protect APIs and application data.
- Deploy the complete project on a hosting platform.
- Prepare the system for final demonstration.