MINI PROJECTS FOR ODS LAB (EE-271L) – Fall 2018

1. Secure bank terminal for online transfer of money

2. Hashing algorithm based quick search for keeping File names

3. MD5 checksum based hashing for checking the integrity of a document

4. Real time Forex rates conversion

5. Token service for highway

6. Creating random question paper for testing service

7. Library Management System

8. Ticketing system for airlines

9. Design and Implementation of n-point averager for forecasting next instant

10. Automatic form filling and printing system for Police Station

11. Tracking performance of a specific player in ICC cricketers' data base – A prototype

12. Data encoding and Cyphering

13. Image/Video compression

Guidelines:

A. Project can be taken <u>alone</u> or in a group. In case of group, the maximum number of members is <u>Four (4).</u>

B. Submit the project (<u>code and executable application</u>) on a <u>Compact Disk (CD)</u> before or on your final lab viva.

C. <u>Any programming language</u> and/or platform can be used for developing the projects.

D. Also, you have to write and <u>submit a report (ring bind)</u> on your chosen project, including the following sections.

   a. Problem Statement
   b. Introduction
   c. Previous work (review)
   d. Procedure
   e. Algorithm (Flow chart and stepwise algorithm)
   f. Libraries/Packages used
   g. Application of the project in real world and reusability in other areas

Instructor

Electrical Engineering Department
University of Engineering & Technology
Mardan

MINI PROJECTS FOR ODS LAB (EE-271L) – Fall 2018

Group Members

Members	Full Name	Registration No.	Signature
Team Lead			
2nd Member			
3rd Member			
4th Member			

Mini Project (Tick single Project)

☐ Secure bank terminal for online transfer of money

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Dated: _____   **Class Representative's Approval**

(Class Representative (CR) shall make sure that each group chooses unique project)