Military Institute of Science & Technology
Mirpur Cantonment, Dhaka

Department of Computer Science & Engineering

COURSE OUTLINE

Subject
Title: Microprocessor and microcontroller Sessional
Code: CSE-306
Credit Hour: 0.75
Contact Hour: 3 hr
Level-**3**, **Term**-**I**

Instructor
Name:
Assoc Prof Abdus Sattar
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1.0 Course Objectives:

1.1 Familiar with 8086 microprocessor and do programs with it.

1.2 Project with basic microcontrollers.

2.0 Text Books:

2.1 Microprocessor Data Handbook (Revised and enlarged edition)

2.2 Follow text book of CSE 305

3.0 Distribution of Marks:

Category	Marks %
Project	20
Lab test	30
Viva	20
Attendance	05
Observation	05
Class Performance	20
Total	**100%**

4.0 Distribution (Planning) of the Course Contents:

Week	Lecture	Topics	Remarks
1+2	lab 1	Introduction to MDA 8086 and machine instructions of 8086	
3+4	lab 2	Seven Segment Display LED Project Proposal	
5+6	lab 3	Dot Matrix	
7+8	lab 4	LCD Project Update	Lab Exam-1
9+10	lab 5	Keypad + Motor	
11+12	lab 6	Final Project Submission	
13+14	lab 7	Lab Test + Viva	