**CSE-3105 (Microprocessors and Micro-controller)**

**Date: 03 May 2020**

**Topics of Lecture 01 and Lecturer 02:**

1. What is meant by 8 bit microprocessor?

2. What are the differences between 8 bit and 16 bit microprocessor?

3. What are the differences between 8086 and 8088 microprocessor?

4. What are RISC and SISC?

5. Write the basic operations of a computer?

6. Draw the internal architecture of 8086 microprocessor.

7. What are the functions of BIU and EU?

8. What are the roles of using instruction queue of 8086 microprocessor? Write the working principle of instruction queue.

9. What are data registers of 8086 microprocessor? What are the uses of data registers in 8086 microprocessor?

10. What are the functions of ALU?

11. Why temporary register and flag register can be used in 8086 microprocessor?