



| Subject/ Subject code | Semester/ Branch | Issue Date | Return Date |
|--|--------------------------|-------------------|------------------|
| Fundamental of Microprocessors 01CE0509 | 5th CE | 14/08/2024 | 21/8/2024 |

Assignment 2_CO2

| Sr. No. | Questions |
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| 1. | Compare microprocessors 8085 and 8086. |
| 2. | List features of 8086 microprocessor. |
| 3. | Draw the function block diagram of internal architecture of 8086 and explain its working. |
| 4. | Compare minimum mode and maximum mode configuration of 8086 microprocessor. |
| 5. | Discuss the function of following pins of 8086 microprocessor 1) BHE'/S7 2) TEST' 3) S2',S1',S0' 4) READY 5) RQ0'/GT0, RQ1/GT1 6) LOCK' 7) DEN' 8) DT/R' |
| 6. | Draw the flag register format of microprocessor 8086 and explain any Control flags in detail. |
| 7. | Explain concept of memory segmentation with 8086 microprocessor. |
| 8. | How to calculate physical address in 8086 microprocessor? |