**LABORATORY/ ASSIGNMENT/ DRAWING SHEET/ JOB PLANNING & IMPLEMENTATION**

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| --- | --- |
| **Program:** CSE | **Semester: I**V A |
| **Course:** Microprocessor based systems | **Code : MBS190806** |
| **Duration:** 16 Weeks. | **Batch:** Batch 2 Monday 7-9am |
| **Name of Teacher:** Prachi Arora | **Term:** From 24th JAN To 12TH MAY-2023 |

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| --- | --- | --- | --- | --- |
| **Sr. No.** | **Name of Experiment/ Assignment/ Sheet/ Job** | **DOP Planned** | **DOC** | **Remark** |
| 1 | To perform arithmetic operations ADD and SUB on 8 bit | 30/1/23 |  |  |
| 2 | To perform arithmetic operations 16 bit data | 13/2/23 |  |  |
| 3 | To find 2’s complement using logical instructions of 8086. | 20/2/23 |  |  |
| 4 | To calculate sum and average of an array. | 27/2/23 |  |  |
| 5 | To search a number and its index from an array. | 6/3/23 |  |  |
| 6 | To sort an array in ascending/descending order. | 20/3/23 |  |  |
| 7 | To separate even and odd numbers from given array. | 3/4/23 |  |  |
| 8 | To perform string instruction of 8086. | 10/4/23 |  |  |
| 9 | To exchange the data of two blocks using string instructions. | 17/4/23 |  |  |
| 10 | Draw and Describe the pipeline architecture of Pentium processors | 24/4/23 |  |  |
| 11 | Illustrate interfacing of 8086 with 8059 interupt controller | 8/5/23 |  |  |

( Prachi Arora) ( Mr. Janardan Kulkarni)

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| **Program:** CSE | **Semester: I**V A |
| **Course:** Microprocessor based systems | **Code : MBS190806** |
| **Duration:** 16 Weeks. | **Batch:** Batch 1 Tuesday 7-9am |
| **Name of Teacher:** Prachi Arora | **Term:** From 24th JAN To 12TH MAY-2023 |

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| **Sr. No.** | **Name of Experiment/ Assignment/ Sheet/ Job** | **DOP Planned** | **DOC** | **Remark** |
| 1 | To perform arithmetic operations ADD and SUB on 8 bit | 31/1/23 |  |  |
| 2 | To perform arithmetic operations 16 bit data | 14/2/23 |  |  |
| 3 | To find 2’s complement using logical instructions of 8086. | 21/2/23 |  |  |
| 4 | To calculate sum and average of an array. | 28/2/23 |  |  |
| 5 | To search a number and its index from an array. | 7/3/23 |  |  |
| 6 | To sort an array in ascending/descending order. | 21/3/23 |  |  |
| 7 | To separate even and odd numbers from given array. | 44/23 |  |  |
| 8 | To perform string instruction of 8086. | 11/4/23 |  |  |
| 9 | To exchange the data of two blocks using string instructions. | 18/4/23 |  |  |
| 10 | Draw and Describe the pipeline architecture of Pentium processors | 25/4/23 |  |  |
| 11 | Illustrate interfacing of 8086 with 8059 interupt controller | 9/5/23 |  |  |

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