**MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY COMPUTER SCIENCE AND ENGINEERING DEPARTMENT**

**Lab Schedule**

Subject: Microprocessors and Interfacing LabBranch: CSE

Name of the Faculty: K.S.Niraja Year: IV Semester Section: A Subject Code: PC452CS

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| **SNO** | **Experiment** | **No of Classes** | **Date Conducted**  **B1 B2 B3** |
| **1** | Write an ALP for 8-bit Addition and Subtraction using 8085 | **2** |  |
| **2** | Write an ALP for 8-bit Logical operations using 8085 | **2** |  |
| **3** | Write an ALP for Block Transfer and Reverse Block Transfer, Addition of n-numbers, use of CPI instruction | **2** |  |
| **4** | Write an ALP sum of + ve numbers rejecting negative, sorting in ascending order using 8085 | **2** |  |
| **5** | Write an ALP to find Largest and Smallest of given n-numbers using 8085 | **2** |  |
| **6** | Write an ALP for 8-bit Multiplication and Division, subtraction using 2’s comp, display result in decimal, COUNT no of bits in given byte using 8085 | **4** |  |
| **7** | Write an ALP for 16-bit subtraction, multiplication, division,16-bit addition using 8085 | **2** |  |
| **8** | Write an ALP for LED interface, Stepper motor Interface | **2** |  |
| **9** | Write an ALP for DAC interface, 8051 16-bit addition | **2** |  |
| **10** | Write an ALP for 8051 block transfer , Add 5 BCD nos, for adding 5 decimal nos, ASCII conversion | **4** |  |
| **11** | Write an ALP for 8-bit Addition and Subtraction using 8086 | **2** |  |
| **12** | Write an ALP for 8-bit Multiplication and Division using 8086 | **2** |  |
| **13** | Write an ALP for Block Transfer and Reverse Block Transfer using 8086 | **2** |  |