

**Department of Computer Science & Engineering**

**Microprocessor & Computer Architecture**

**MPCA-Laboratory/Assignment/Hands-on/Project**

**UE20CS252**

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| **Sl. No** | **Programs** |
| **Week No.5** | **Student exercises:**  1. Write a program in ARM7TDMI-ISA to multiply 2 matrices of order3.  i.e., implement c[i][j]=c[i][j] + a[i][j] x b[i][j].  a. Use MLA instruction      b. Use MUL instruction      2. Write a program in ARM7TDMI-ISA to find the NORM of a square matrix of  order n.      3. Write a program in ARM7TDMI-ISA to find the ROWSUM of a matrix. |