|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Name:** | Microprocessor and Embedded Systems | **Course Code:** | | EEE 4103 |
| **Semester:** | Summer 2021-2022 | **Section:** | |  |
| **Faculty Name:** |  | | | |
|  |  |  | |  |
| **Assignment No:** | 1 **(individual submission consisting of 10 marks )** | | | |
|  |  |  | |  |
| **Student Name:** |  | | | |
| **Student ID:** |  | **Program Name:** | | **BSc in CSE** |
|  |  |  | |  |
| **Submission Link (MS forms):** | | | | |
| **Submission Date:** |  | **Due Date:** | **02/06/2022** | |

**Question: Complete the following table after going through the datasheet of the following processors:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **ATMega328P** | **STM32F401xE** | **PIC24FJ64GA004** | **PIC33FJ32GP302** |
| **Architecture type** |  |  |  |  |
| **Number of pins** |  |  |  |  |
| **Processing Speed (MIPS)** |  |  |  |  |
| **Program flash memory (bytes)** |  |  |  |  |
| **Operating voltage range (V)** |  |  |  |  |
| **No. of PWM channels** |  |  |  |  |
| **Communication Interfaces** |  |  |  |  |