**Practical 1**

**Arduino For Engineers**

2ECOE53

**Mistry Unnat**

20BCE515



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**Aim:** To acquaint the students with Arduino boards, Arduino IDE and programming.

**Self-Evaluation:**

**1. How many analog and digital pins are available in the Arduino UNO?**

* There are 6 analog pins marked from A0 to A5 and 14 digital pins marked from 0 to 13.

**2. What is the maximum clock frequency for Arduino UNO?**

**Maximum clock frequency for Arduino UNO is 20 MHZ**

**3. Which microcontroller is available in the Arduino UNO? List the feature of the same.**

**4. List the differences between Arduino Uno and Arduino Mega.**

**Conclusion:**

In this practical, we installed necessary IDE and tools in our system and also we revised the concepts of python, numpy and matplotlib.