**EE2016 – Experiment\_1**

**AIM:**

* To understand C-interfacing (use C-programming) in an ARM platform.
* To study and implement serial communication in ARM platform.
* To study and implement ADC / DAC in ARM platform.

**Code:**

* Codes couldn’t fit here so I’m not including here.

**Results:**

* ***For the serial control code:*** In this code the output was 2 greater than the input.
* ***For the ADC code:*** In this code the output started from `000` and runs till `3FF` (the numbers are in hex form) depending upon which direction we have rotated.

**Videos:**

I’m giving a link here to our [videos](https://drive.google.com/drive/folders/1gp3-T4mKIiapIXVzRm3rUfyhASwfWYT0).

**Outcomes:**

**You need to edit this part Rahul asap**

**Contribution from EE22B131:**

Learned about some snippets in the code [Both in serial and ADC] with the help of T. A’s

Unfortunately, we couldn’t make up for DAC code