Introduction to PCB Designing

In case of any doubts in this tutorial, contact **Inshu Namdev** (8400197619).

- The purpose of this assignment is to introduce you to the art of printed circuit board design using EDA (Electronic Design Automation) tools such as KiCad.
- You have to build a Volume Meter or **VU meter**, with the help of a MIC, an OP-AMP and the IC- LM3916.
- LEDs will glow as per strength of the sound: if sound is Low, lesser LEDs will glow, and if sound is High more LEDs will glow. VU meter also serves as a **volume measurement device.**
- Go through the following circuit diagram.
    - https://drive.google.com/file/d/1C73X7d1_Tzn2ZrGqtgG4KNTOcfyTKY1d/view?usp=sharing
- You are expected to submit the following items for grading:
  1. Sample original circuit diagram that you were given during the session. (1 page)
  2. Schematic drawing. (1 page)
  3. PCB layout drawing in 1:1 format. (1 page)
- Submit your completed files by filling the following form:
    - https://forms.gle/5BSycougz8bYzoTF8
- We are always looking for feedback and suggestions. Contact the creator of the tutorial in case you wish to provide feedback on this tutorial.

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