Propeller LED Display- Summary

* Made a display model using only 8 LEDs which makes 8x5 matrix for displaying one English character.
* For this model, total 17 characters are displayed at a time. (through one complete revolution of motor)
* AC Series motor is used as a propeller to rotate the LEDs. The speed of motor decides the ON/OFF switching rate of LEDs. That can be calculated by calculating the time of one rotation. (Program execution delay is also taken into the consideration.)
* Integrated with Bluetooth to change the display in real-time.
* The model should be properly mounted with a strong base to avoid vibration generated due to centrifugal force of the model.
* The PCB was equally weighed on both sides to the shaft to make the vibration to a minimum.

# Project Youtube Links:

* Displaying- ‘HARSHIL’
  + <https://youtu.be/bB1d-Pp82-A>
* Diplaying- ‘HIRAL’ (Night View)
  + <https://youtu.be/_dw3WSnFqMo>
* Displaying- ‘HIRAL’ (Day View)
  + <https://youtu.be/62rUzr-Z-mE>