

## LAB LIST - 4204

1. Write a MATLAB code for calculating **received signal strength**.
2. Write a MATLAB code for **Frequency Modulation**
3. Write MATLAB code to calculate the **Grade of Service** during the Busy Hour.
4. Write a MATLAB code for **Okumura model** for calculating Median path loss and propagation analysis.
5. Write MATLAB code to calculate **the number of Mobile Subscribers Supported**
6. Write a MATLAB code for **Hata Model** For predicting radio wave propagation in urban and suburban environments.
7. Write MATLAB code to calculate the **average busy hour call attempts**
8. Write a MATLAB code for calculating **signal attenuation(path loss)** over distance using **Long Distance path loss Model**.
9. Write a MATLAB code for **Amplitude Modulation**