Weekly Report

Time and work schedule

TASKS	3.2 - 3.8	3.9 - 3.15	3.16 - 3.22	3.23 - 3.29	3.30 - 4.5	4.6 - 4.12	4.13 - 4.19
Study LPC Algorithm	██						
Matlab Simulation		██					
Implement Algorithm using Matlab			██	██			
Implement Algorithm using VHDL					██	██	
Test and Write Report							██

3.2 – 3.8: Study LPC Algorithm: Completed;
LPC filter: FIR filter normally has order with 10. The key is to find out the 10 parameters. Levinson-Durbin Recursion will be used to get the solution.

3.9-3.15: Matlab Simulation: Completed;
Matlab has LPC demo in simulation. A modified simple version is created.

3.16-3.29: Implement Using Matlab: Main function completed. Still have some little problems.