



# Lab Assignment

- Pulse Shaping and Matched Filtering
- Performance evaluation:
  - How to design the pulse shaping function and the matched filtering function.
  - Implementation of the pulse shaping filter and the matched filtering system.
  - How does the SRRC factor affect bandwidth and Inter-Symbol Interference ?
  - USRP verification
  - Bandwidth with different SRRC factor.
  - SNR under different SRRC factor conditions.
- Submit your lab report.

