

Shahjalal University of Science and Technology
Department of Computer Science and Engineering
Communication Engineering Lab
Course Code: CSE 366

1.	Write a program to simulate the analog-digital signal using Pulse Code Modulation.
2.	Write a program to simulate the digital-digital conversion techniques (Line Coding and Decoding, Block Coding and Decoding Schemes)
3.	Write a program to simulate the digital-analog conversion techniques (ASK, FSK, PSK)
4.	Write a program to simulate the digital-digital conversion techniques NRZ, NRZ-L, Manchester and Differential Manchester.
5.	Write a program for 4 x 8 block even parity error detection.
6.	Write a program to implement a CRC (Cyclic Redundancy Code) error detection model.

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