



Module PMRF-ISSS006/III/2025

Communication Systems

Name of the PMRF student

Jashaswini Bhuyan

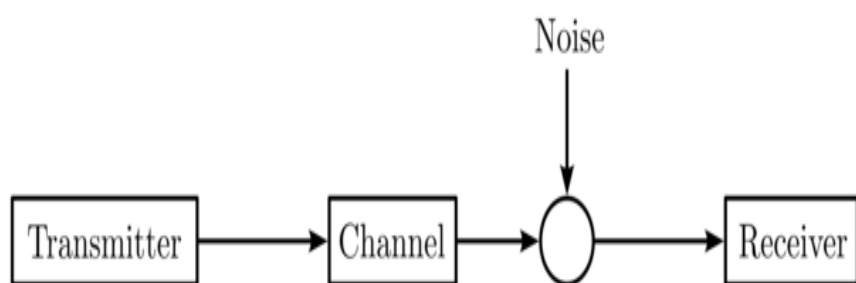
Details of the content of the module

Required background of the students taught

3rd and 4th year UG students from
Electronics and Communication
Engineering Background

This course is an introductory level course designed for students in electronics and communication engineering.

1. Review of Probability theory and Random Processes
2. Auto correlation and power spectral density
3. Amplitude modulation and demodulation
4. Angle modulation and demodulation
5. Basics of information theory
6. Basics of digital communication: Sampling, Quantization
7. PCM and DPCM
8. Digital modulation schemes: ASK, PSK, FSK
9. Multiple access
10. Overview of Optical communication



Picture Credits: Wikipedia

Schedule of the module

Start date : 7th Feb, 2025 End date: 7th Apr, 2025

Friday, Saturday, Sunday - 2 pm – 4 pm

Recorded lectures will be uploaded regularly.

Live problem solving sessions will be taken.

Number of hours: 50 hours

Meeting link : Will be shared later

Contact email ID: issforum@gmail.com

Registration link: Click [here](#)

