



Sri  
**SAI RAM**  
ENGINEERING COLLEGE  
INSTITUTE OF TECHNOLOGY  
West Tambaram, Chennai - 44



**SAIRAM**  
DIGITAL RESOURCES



**EC8394**

**ANALOG AND DIGITAL COMMUNICATION**

## **UNIT 1 ANALOG COMMUNICATION**

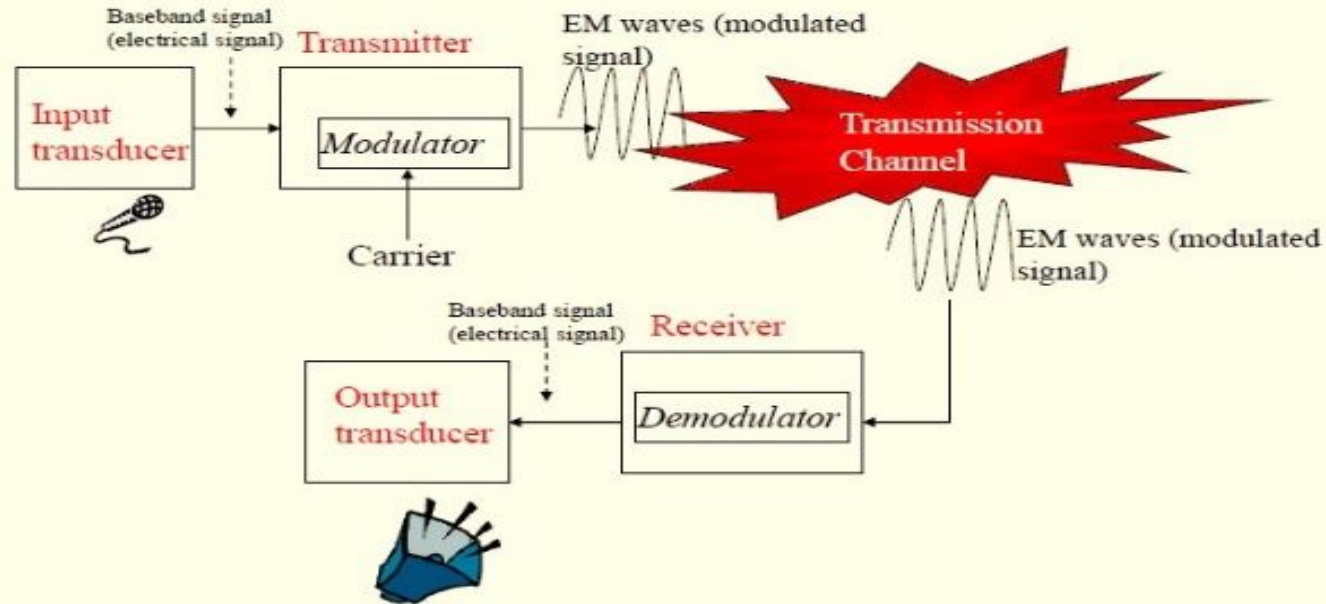
**1.1 INTRODUCTION TO COMMUNICATION  
SYSTEM, AMPLITUDE MODULATION**

**ELECTRONICS & COMMUNICATION ENGINEERING**



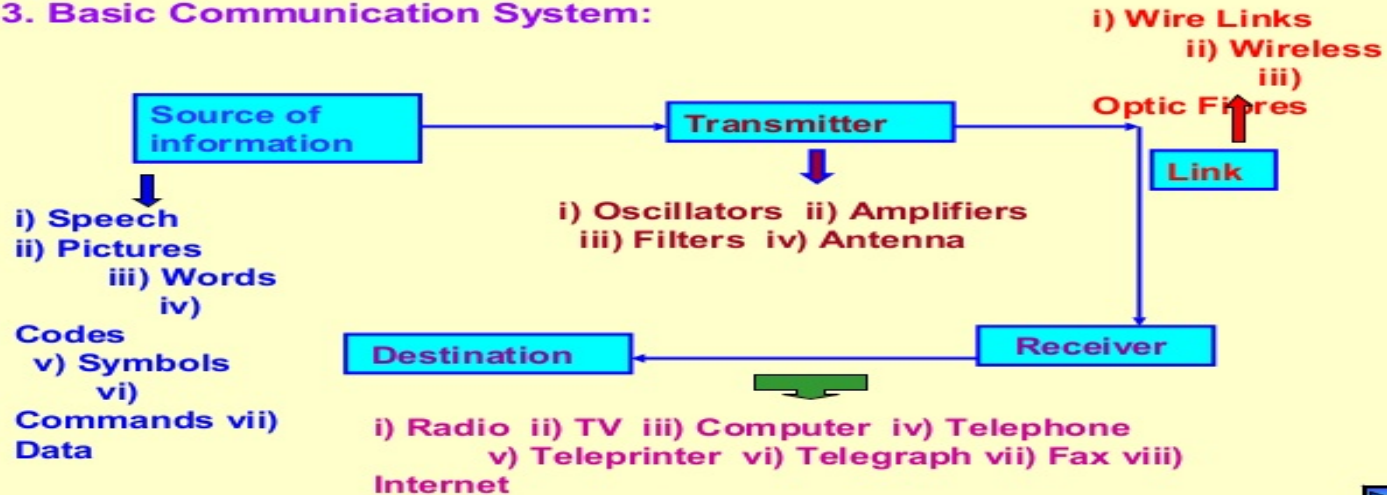
## CHAPTER 1: BASICS OF COMMUNICATION



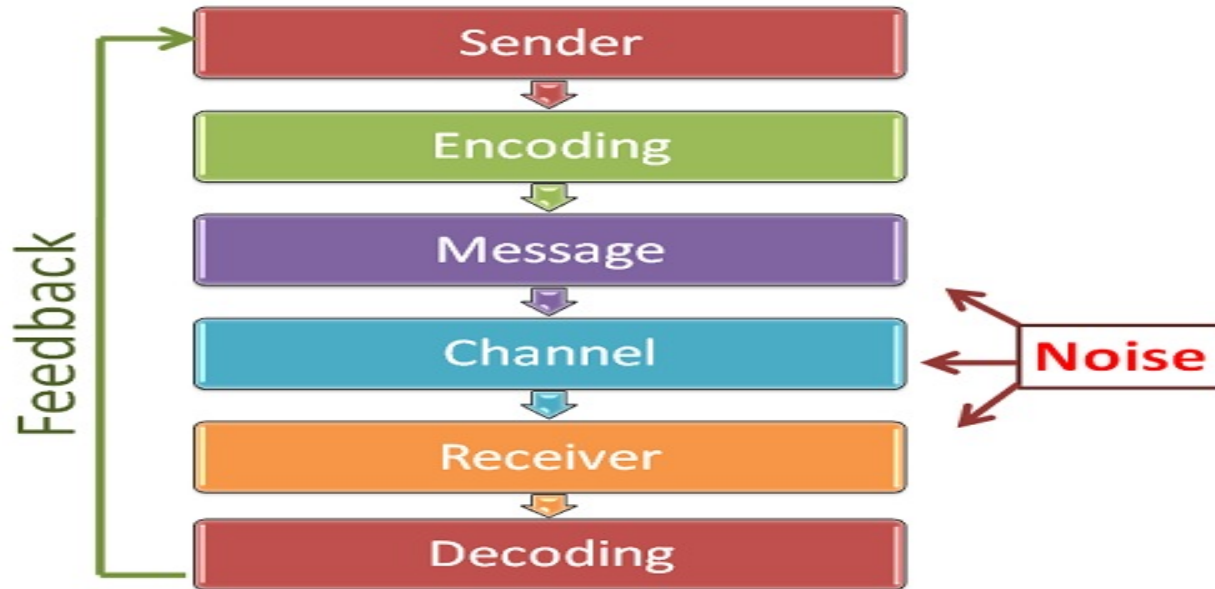


## BASICS OF COMMUNICATION

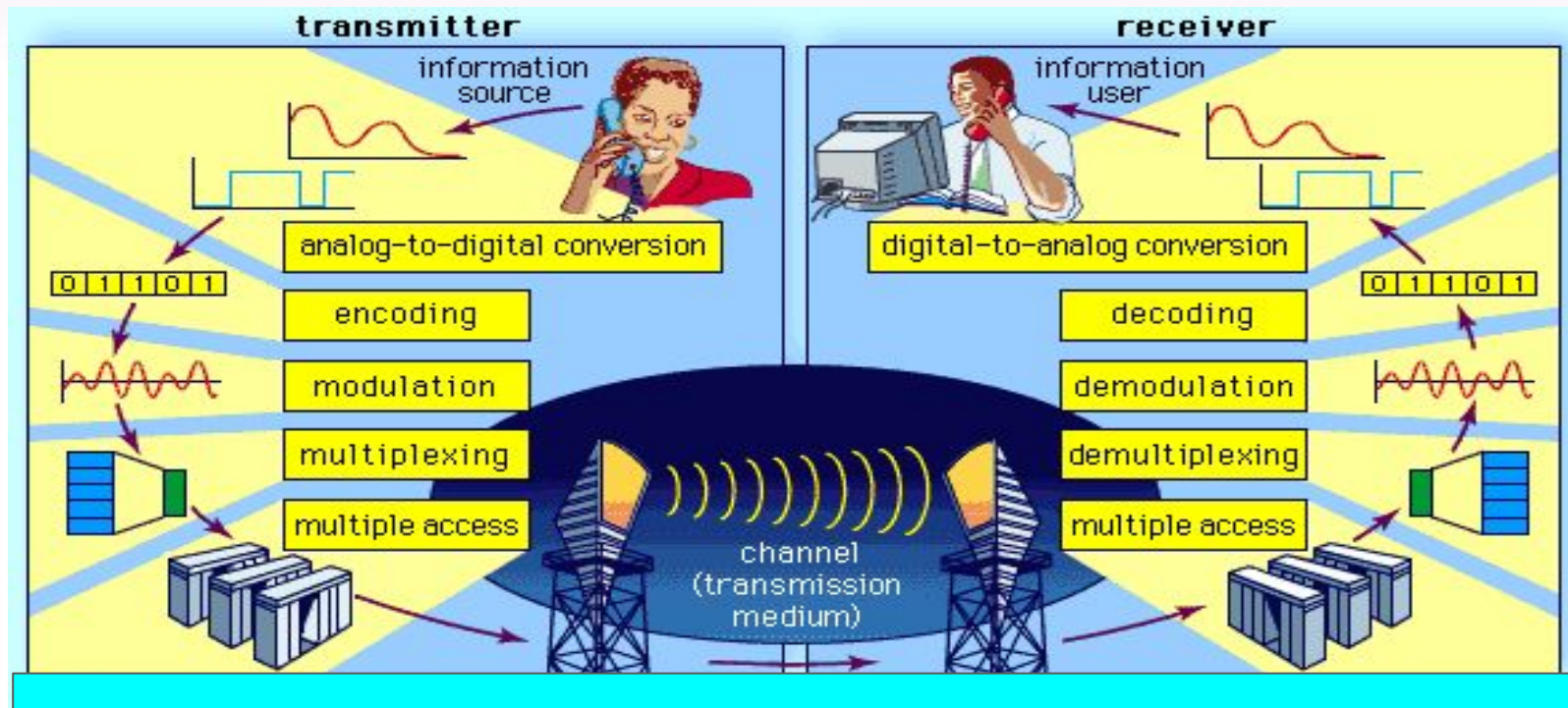
1. **Communication:** Processing, sending and receiving of information
2. **Information:** Intelligence, signal, data or any measurable physical quantity
3. **Basic Communication System:**



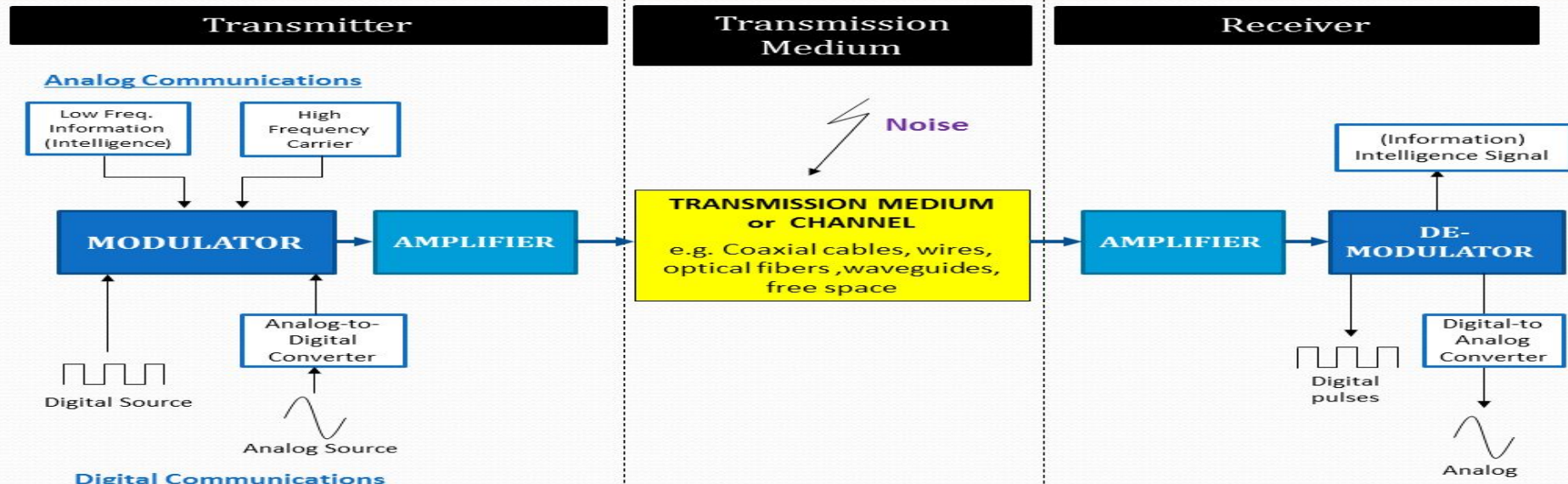
## PROCESS OF COMMUNICATION



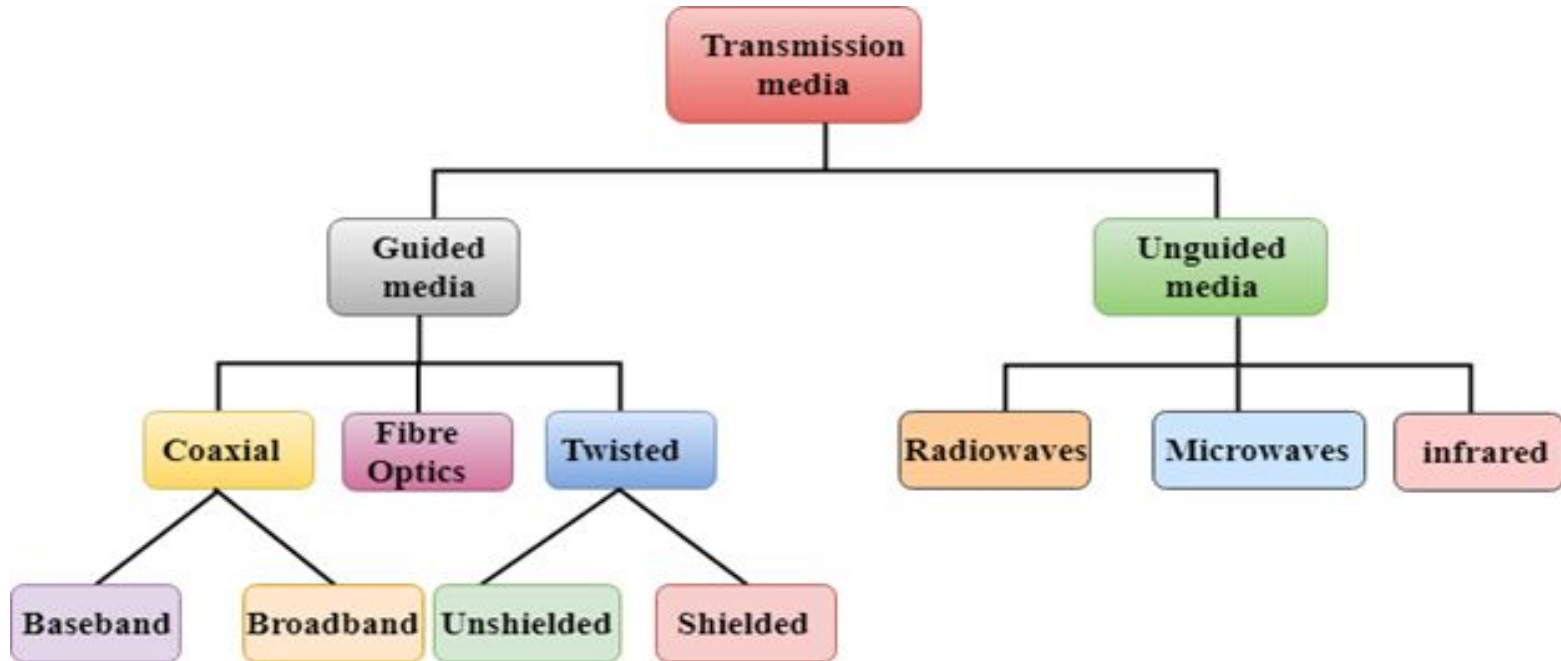




# Basic Communication System



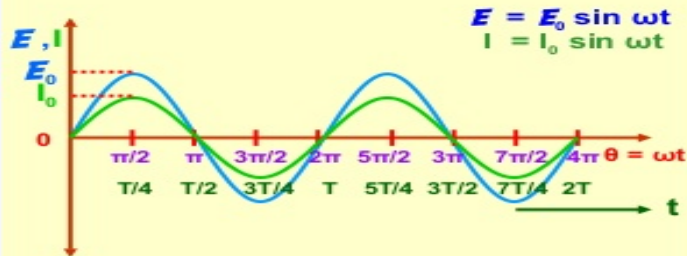
## FORMS OF COMMUNICATION



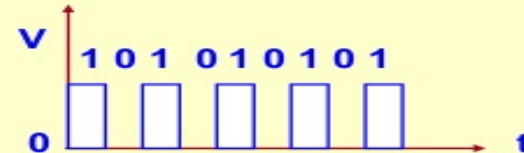


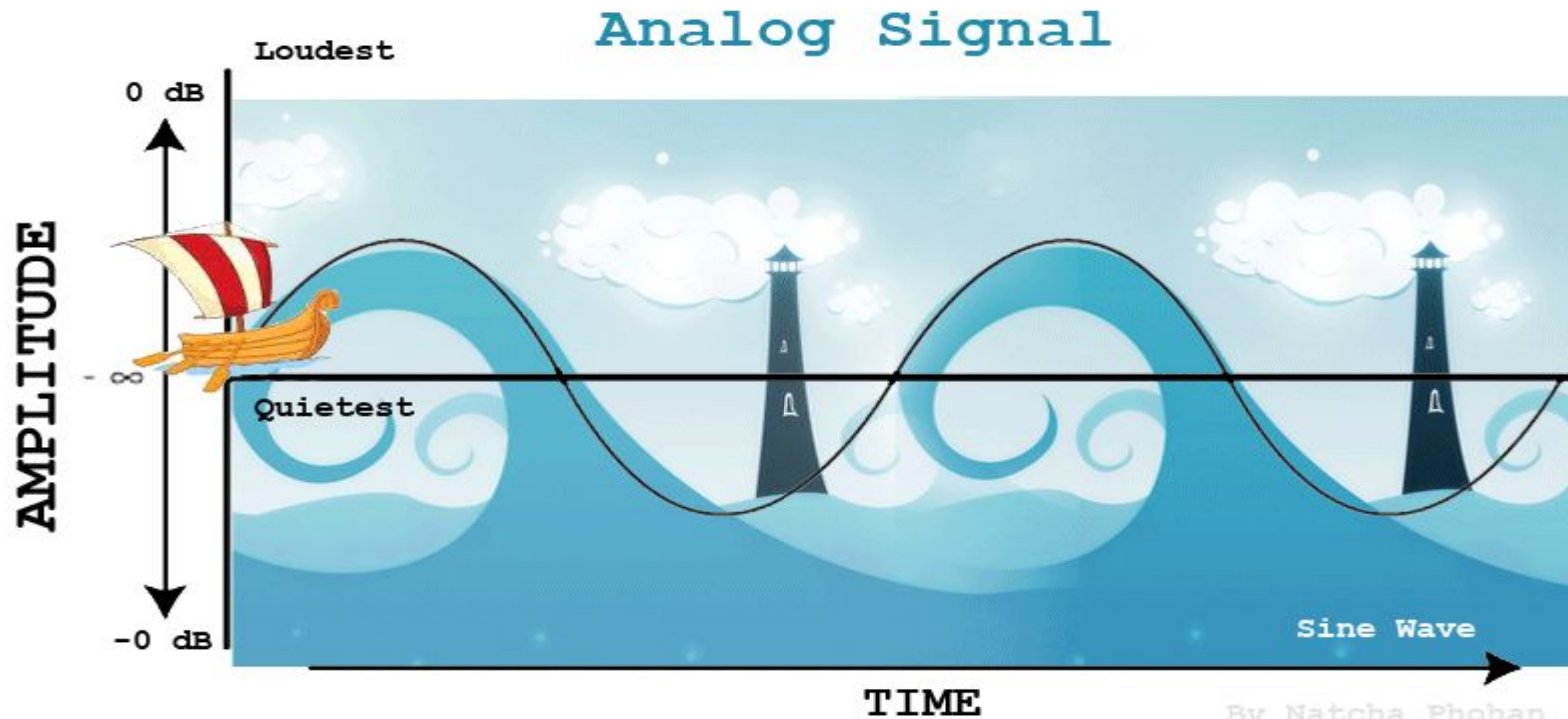
**Analogue signal**

A continuous signal value which at any instant lies within the range of a maximum and a minimum value.

**Digital signal**

A discontinuous signal value which appears in steps in pre-determined levels rather than having the continuous change.





## Digital Signal



By Natcha Phohan

## Youtube Link

<https://youtu.be/QnCBCQa-2XU>

<https://forms.gle/m3r1hcUhxsmb9Sug8>