



Module PMRF-ISSS011/IV/2025

# Mobile Communications

## Name of the PMRF student

Vineetha Yogesh

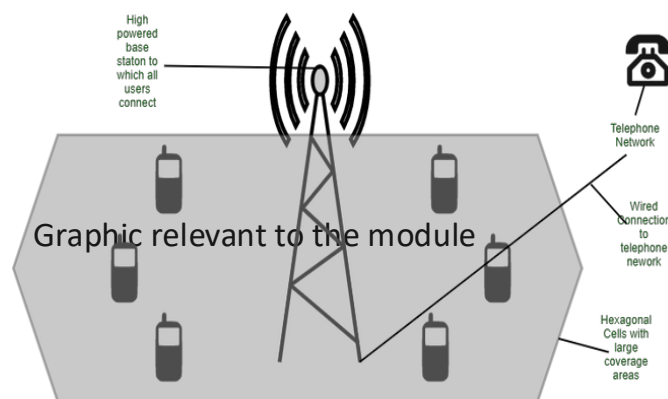
## Required background of the students taught

B.Tech or M.tech in any of the following branches

1. ECE
2. Telecommunications

## Online session coordinator

Will be chosen from the list of registrants



## Details of the content of the module

### Outline

1. Fourier theory and sampling theorem
2. Detection and estimation theory from communication perspective
3. Uncoded communication and derivation of performance measure
4. Communication over the air, channel models, fading, narrow band and wide band channels
5. OFDM

## Schedule of the module

Start date : 3/2/2025

End date : 7/2/2025

2 hrs/ day for 5 days

Recorded video will be uploaded by  
5:30 pm on the class days

Meeting link : Will be shared later

[Link](#)

Contact email ID: [issf.forum@gmail.com](mailto:issf.forum@gmail.com)

Registration link:

<https://forms.office.com/r/EYLivYy5aj>