

NOC: Basic Building Blocks of Microwave Engineering - Video course

COURSE OUTLINE

The course will introduce three basic building blocks of microwave engineering viz. microwave transmission system, passive circuit components at microwave frequency and microwave active devices. The lectures would try to emphasize the need to understand the blocks in somewhat detail so that key design concepts behind a microwave network are grasped. The course would lay the foundation for further exploring the vast area of microwave engineering analysis and design.

COURSE DETAIL

Week	Topics
1	Model of microwave transmission.
2	Analysis of microwave transmission systems.
3	Passive circuit components.
4	Active microwave devices.



NP-TEL

NPTEL

<http://nptel.ac.in>

Electronics & Communication Engineering

Pre-requisites:

Basic Knowledge of Electromagnetic Theory, Transmission line, Electronic network theory

(a) Electromagnetic Theory
(b) Basic Tools in Microwave engineering

Coordinators:

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