

EE 442 MICROWAVE ENGINEERING LABORATORY (0 0 3 3)

Frequency and wavelength measurements; determination of standing wave ratio and reflection coefficient; study of characteristics of Klystron tube and Gunn diodes; simulation and measurements of antenna parameters.

Texts/References:

1. D. M. Pozar, Microwave Engineering; John Wiley & Sons Inc, 2004, 3/e.
2. R. E. Collin, Foundations for Microwave Engineering; Wiley-IEEE Press, 2000, 2/e
3. A. Das and S. K. Das, Microwave Engineering; Tata McGraw-Hill, 2005, 1/e