

The logo of the Indian Institute of Technology Delhi is a circular emblem with a scalloped orange border. Inside, there are concentric circles. The outermost ring contains the text 'INDIAN INSTITUTE OF TECHNOLOGY DELHI' in purple. The inner ring contains the text 'भारतीय प्रौद्योगिकी संस्थान दिल्ली' in Devanagari script. In the center, there is a stylized orange symbol resembling a '3' or a flame, with three small purple icons (a person, a lamp, and a flower) at its base.

PRE-EXPERIMENT QUIZ

1. What is the impedance on a transmission line at the point of standing wave minima?
2. Do the locations of minima on a line vary with load impedance?
3. What is the difference between group velocity and phase velocity?
4. For a TE_{mn} or TM_{mn} modes, what do the variables 'm' and 'n' indicate?
5. Can a rectangular waveguide be used as a high-pass filter in circuits?