

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 flame or a flower, with a small purple emblem below it.

### POST-EXPERIMENT QUIZ

1. Explain qualitatively the impedance variation with the depth of screw and with frequency.
2. The smith chart calculations and the transmission line equation calculations for impedance are valid under what mode conditions?