

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 "भारतीय प्रौद्योगिकी संस्थान दिल्ली" in Hindi and "INDIAN INSTITUTE OF TECHNOLOGY DELHI" in English. The inner ring features a stylized orange flame or torch. Below the torch, there are three small icons: a person, a book, and a flower.

### POST-EXPERIMENT QUIZ

1. What care may be taken to improve the accuracy of measurement of  $\lambda_a$  and  $\lambda_g$ ?
2. Can one utilize maxima values instead of minima values of the standing wave pattern?
3. Can one use a plane dielectric sheet in place of the metal sheet?
4. List some source of error which may cause a discrepancy between the estimated and measured value of  $a$ , the broad dimension of the waveguide.