



# Ray Optics Demonstrator

Nvis 6045



Nvis 6045 Ray Optics Demonstrator is designed to provide a comprehensive introduction to laboratory optics. Optics is a branch of Physics that describes the behavior and properties of Light and the interaction of light with matter. We interact with light that has interacted with objects to determine such things as the color, shape, and position of the objects. In studying optics we still gain our information by interacting with light that has interacted with objects. But in studying optics we want to know more about optical properties like Reflection, Refraction, Diffraction, Interference. Nvis 6045 is designed such that all the basics of light and optics can be understood easily. This product is supplied with Laser light source and Ray table scale for measurement of different parameters.

## Features

- LASER light source
- Ray table for measurement
- Online product tutorial

## Scope of Learning

- Verification of Reflection of Light
- Verification of Refraction of Light
- Total Internal Reflection Demonstration

## Technical Specifications

### Laser source

Wavelength	: 630nm
Output	: Less than 3mW
Battery	: 1.5V (2 Nos.)

### D-Shape Lens

Material	: Acrylic
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### Ray Table

:	Four Quadrants of 90°
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Designed & Manufactured in India by

**Nvis Technologies Pvt. Ltd.**

141-A, Electronic Complex, Pardesipura, Indore-452010, India.

© +91-731-4211500, ✉ info@nvistech.com, 🌐 www.NvisTech.com