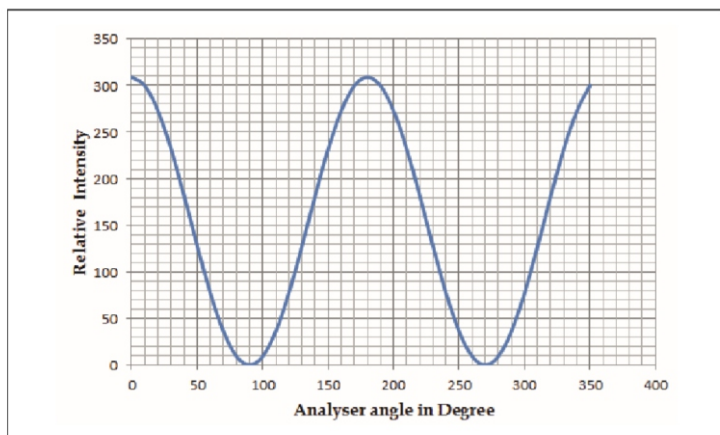


## Experiment(s):

### 1. Verification of Malu's Law of Polarization

(For more details, procedure & manual visit: [www.kamaljeeth.net](http://www.kamaljeeth.net))



For fixed position of polarizer, the graph shows variation of intensity with change in analyzer angle

## Experiment Setup Consists:

- a) Optical Bench
- b) Light Intensity Meter

## Specifications:

**a) Optical Bench:** Aluminium Alloy Rail of length 1/2 m

**Uprights:** Free movement sliders on rail - 4 Nos

**Light Source:** White Light Source with mount  
Mains operated 220V 50Hz or 110V 60Hz

**Polarizer:** Graduated 360° scale with LC 1°, mountable on to Upright

**Analyzer:** Graduated 360° scale with LC 1°, mountable on to Upright

**Optical Detector:** Relative Intensity measured using photo diode

**b) Light Intensity Meter:**  
Measures relative light intensity with range selection switch, Mains operated 220V 50Hz or 110V 60Hz

Reference : Lab Experiments Journal vol-15, No.3, Page-201



## KAMALJEETH INSTRUMENTS

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