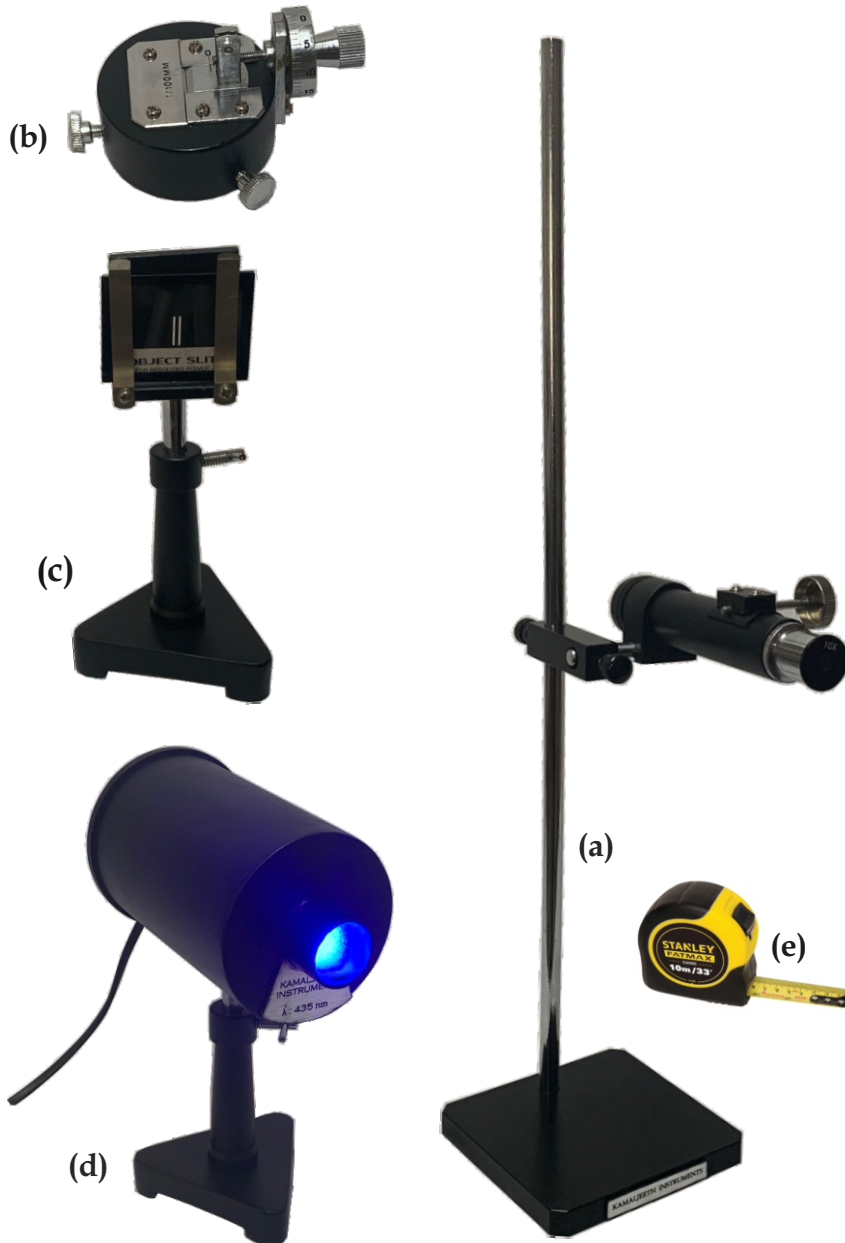


## Experiment(s):

### 1. Determination of Resolving Power of Telescope

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



## Experiment Setup Consists:

- Telescope on Stand
- Adjustable Single Slit
- Double Slit
- Light Source of known wavelength
- Measuring Tape

## Specifications:

### a) Telescope on Stand

Base: Heavy Cast Iron  
Telescope Height: Adjustable  
Focus: Adjustable  
Tilt: Adjustable

### b) Adjustable Single Slit

Mount: Suitable to be fitted on Telescope  
Slit: Adjustable through micrometer  
Max Width: 10mm  
LC: 0.01 mm

### c) Double Slit

Type: Fixed Slit  
Slit Width:  
Pitch:

### d) Light Source of known wavelength

Stand: Height Adjustable  
Wavelength: 435nm, Fixed intensity  
Power Supply: Mains operated 220V, 50Hz or 110V, 60Hz

### e) Measuring Tape:

Length: 3m

Reference : Lab Experiments Journal vol-9, No.2, Page-96



## KAMALJEETH INSTRUMENTS

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