



Name:
Roll Number:
Batch:
Experiment performed on (date):

**Title of the Experiment:**

**Aim:**

**Apparatus:**

**Diagram:**

### Observations:

Screen distance  $D = \underline{\hspace{2cm}}$  cm  
grating number:  $\underline{\hspace{2cm}}$

Order of maxima $m$	Separation of diffraction maxima from central maximum		Angle of diffraction $\theta$	$\sin \theta$
	$2x$ (cm)	$x$ (cm)		
1				
2				
3				
4				
5				
6				
7				

### Calculations:

### Result/s and Conclusion/s: