	Name - Ayush Jain
	Div-31
	SAP ID - 60004200132
	DATE:
	Experiment - 2
8795	transfer Diffraction.
	Dropped Alle digita bomolyst and 2. H most
	toporicegua je min set 11121112 kno there
l·>	Explain any one application based on this experiment
	(Related to your core branch)
	transcope to mile
Ans	i) The universe is made up of space plasma and
	plasma is the fourth state of matter which contains
(	fully ionised glases.
Louish	ii) Plasma waves are collective oscillation of free
Y (H	electrons at the metals.
	"ii) Plasma waves are studied largely for production
	of boner.
165	Iv) To study plasma waves many computers, graphics
	operating systems are used and to get data with
	high precision and accuracy. Fraunhofer Diffraction
	is used to enhance the precision of output data.
	1) The improved theoretical analysis of Fraunhofer
(	diffraction method as means to measure the
	frequency, wavenumber, intensity and even spatial
	position and propagating direction of plasma waves.

	SECONDOCIES  DATE  DATE	DATE:		
2>	Explain any other technique or experime	ent other		
	than the one performed which will achieve the			
	result and fullfill the aim of experimen			
1.3 10	ricages sixt as board souldings and was			
1	Exensel diffraction experiment would eatisfy the			
	(i) Here, the obstacle source and the screen are at finite distance.  2) Lenses are not reeded in this experiment and the wovefronts are appeared or symmetrical.			
\$ minto				
222				
	3) A monochromatic light such as sodium vapour			
mental ed	lamp is used as the light source.			
		14 14 15 C		
2316	So, our aim to find the slit width is fulfilled.			
	otal top of the box see and pe gitting			
	-17-a relodoures 1 - procure box as a			
	6 tique to something all amoras of			
299	solowers to especial bourges	300 16 15 15		
	all musma at some so taken and			
1	and any har strantal x administration	and and the second		
	possible to rotting to possible going the	P		
	1	la		
	S			
	Source			
	Screen			
	Frensel Diffraction			