		SAP ID. 60004200 132 Name-Ayush Jain
		DATE:
5 (04/21	Engineering Physics	
	Tutorial - 5	V
		V851 - 03 /8
	01 01822 14	
1)		
	V2x0.65x103 x1.6x10-9 x80x1.6x10-9	a the
	Sala Calle Calle	40-41, 4
	Vg = h = 6.63x10.34 xc2	= 4.7×106 m1s
$V_9 = h = 6.63 \times 10^{-34} \times c^2 \qquad = 4.7 \times 10^6 \text{ m}$ $m_A = 0.65 \times 1.6 \times 10^{-19} \times 10^3 \times 1.22 \times 10^{-10}$		0-10
	E /	n = 34/262
2>	D7 = 8.5 ×10 14 m	W.S.
	28.5 - 6	
	on- or = h	
	4 п	
	$\Delta P = \frac{h}{u \pi \times \Delta \pi}$	128 - Ass 6 6
	UTXDN	
	= 6.6x10-34	4 . 6
	4TX 8.5x10-14	1
	= 0.061 ×10-20 kgm/s	3 = 4 9
		6
8>	V=400 m/s accuracy = 0.01%	
	DV = 0.01 x400 = 0.04	A a silva A Co
	100	
DP = m DV = 0.04 × 9.1 × 10-31 = 3.64 × 10-32		32
	2 2 2 2 3 2 4 7	Vall
	Na: NB > 1-	
	DN. DP > h	
	$\Delta x = h$ = 6.63×10-34	
$\Delta \chi = \frac{1}{1.45} = \frac{6.63 \times 10^{-34}}{1.5 \times 10^{-32}}$ $= \frac{1.45 \times 10^{-32}}{1.5 \times 10^{-32}}$		-V20 20 (V)
		a lavarial .



