and of Glocbrog tatic Feild: Consider a line element del. Which is at a distance of HA and DIB from the charge of situated at the origon Than the line integral of the Electric feild from Ato Bis = PE-dl Now, we know that

E = 90

4π60912 SR TEACHER SIGNATURE Put Din D.

= Bp ov dor.

A

= 900 dor 41160012

Line int of Elec. feeld = q mg 1 dor.
47760. J 912

= OV | -1 | 94B. - 41760 | 94 | 94A

= OV 1 - 1. 41160 SLA SIB

9) PLA = PLB.

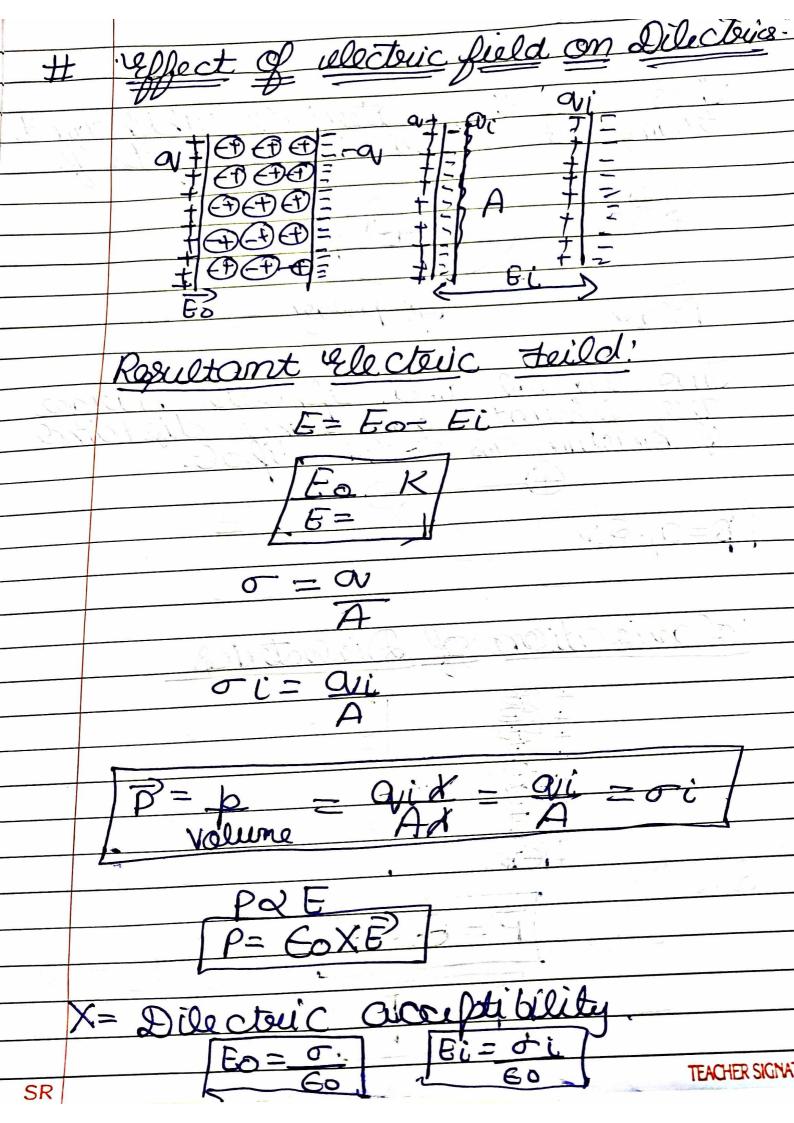
|B| = 0 = 0 = 0 |A| = 0 |A| = 0 |A| = 0 |A| = 0

Stokes Theorom:

JA.dl = J (7xA)ds - 9

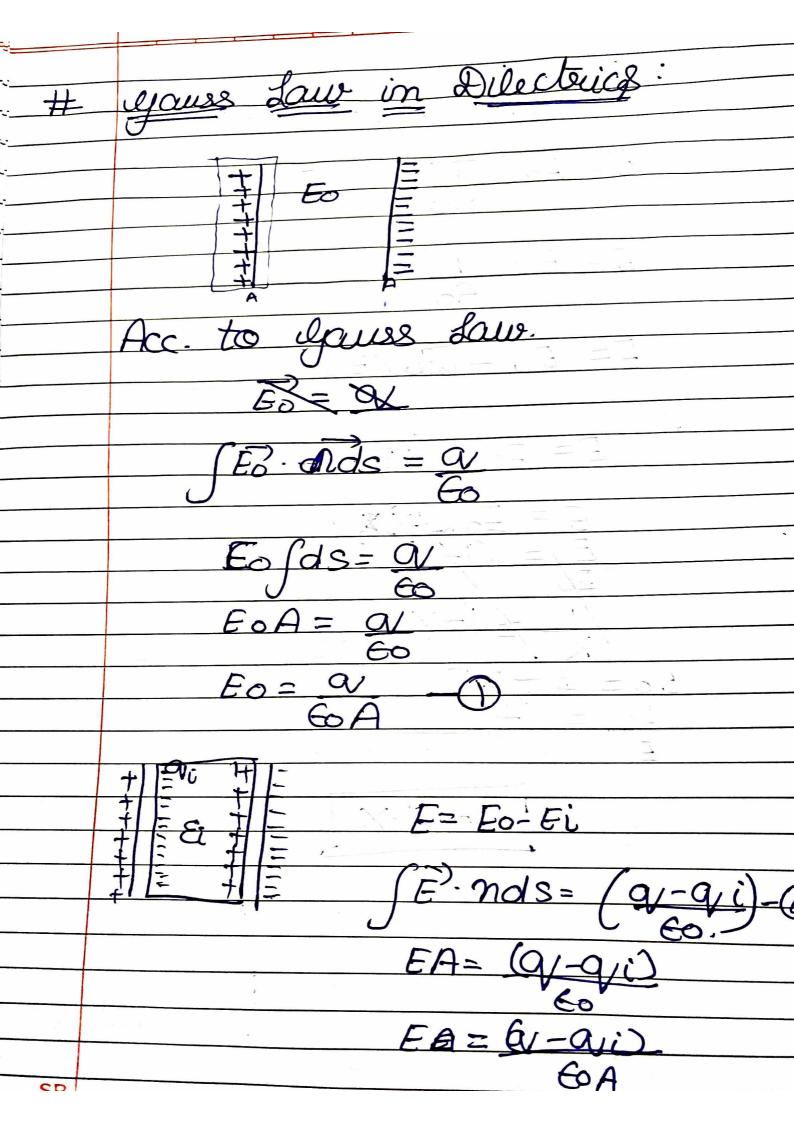
DX PXP = CWIL Of A. Put D in D = (CPXF)ds Put 5 in 3. G-dl = CXEJds (PXP)ds=0

	DATE 2 (624 17)
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	1 B= 01.96.96
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	Polarisation of Dielectrics
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+	THE CICNATIDE
	TEACHER SIGNATURE



$$E = (1/X)$$

K= 1+X



Put 3 in 0

$$E = 9 - 9$$

Rut 9 in 2

$$\frac{ov}{k} = (qv - qvi) - (5)$$

Comparing 5 46

relocteric Dis placement Vector! $\frac{Q}{A} = \mathcal{D}$