ANYANSH Engineoung Electromagnetism MADURIYA Assignment - III 618BTECHTIDI3 Using Cylindrical Coordinate System we get. V=46 1 100 (30) + 3 (30) 20 (30) 20 => V= (Aek - Be-K) (CSink\$ + D(OSK\$) at \$ =0 , V=0 10 -> 6 , V=0 => A=0 V = Ce sinked at p= T/4 => V=Vo, hence C= Vopk J(P, p) = Vo Sin Kp Sin (kn) (b) Swiface Charge density (or): o = (8, E) = - E(DV) = - E1 (DV) 2> 0 = - 180 0 (Vo Sin 140) Sin 141/4)

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