10/27/22: RSA Signaturel: $T = M^d \mod N$ $T = (M^d)^e \mod N \quad (ed \mod (n) = 1)$ = M. mod N = M. 11/01/22 ~=(0,02)e.mod N = 1 mod 0 = 1. (scipe. No: 13) (St change: H(M) > H(S,M); S E(0,1)" H(--.. H(M))
P.K = (P.K, Challenge Set) 2nd Change: S.K = (S.K, challenge Set). Schnorr # dentification Scheme: $g^{\mathcal{R}} \cdot y^{-\mathcal{C}} = g^{\mathcal{C}X+\mathcal{K}} \cdot g^{-\mathcal{R}\cdot\mathcal{C}} = g^{\mathcal{K}} = \overline{\mathcal{I}}$ 11/03/22 (Slide. No: 24, 25) DSA'S ID scheme:-Bob's verification: (Step 7 from diogram) gas y 25 ? I = gr = grs . gx 25-1

= g5 (x+x2) = g (2+8/2) - (d+22) = g 5. [: s'= (d+8.2) mod 9.) (Slide · No: 26) DSH: Bob's verification: - (Step 6 from Liagran) F(gH(m)s7, y2.57) = 2 = F(gH(M)S7,gx257) = F(gs-1(H(1)+22)) $= F \left(g S^{-1} \left(H(M) + \chi \mathcal{R} \right) \right)$ = E (g(K.(H(M)+8/2)-1. (H(M) x22)) = F(gh) = 2. Slide.No: 33, 34) ~1=(&, ×20, &31)

