- 1. Find the Augment of Grammer (some as previous parrer LR(0))
- 2. Find Me LR(0) Collection of them (By Method 1 or Method 2) same as previous passer (LR(0))
- 3. Construt the SLR(1) Parriy Table (ACTION GOTO) eng Ning is some as LR(0) parser only differe is ne entry of reduces in LR(0) we Blindy write reduce enty to all productions.
- Paring he I IP shing By SLR(1) paring Table

## Constitution of SLRH Parriag Table

- Output: The SLR paring Table furtion ACTION & GOTO
  METHOD Or Input: Augmented Grammer Gi
  - 1. Constat C= { Fo, Fr, --- Fn 3 LR(0) calletton of iling 2. Stole i is conshitted from Ii. The parring action for
  - State i are determined as pollows:
- (a) y [A + x, a B] is in Ii and and Goto[Ii, a) = Ij Nen set ACTION [i, a] to "skiftj" here a must be
- (b) if (A+X.) is in Ii, hen set ACTION(i, a) to reduce At a for all a in FOLLOWIA); here A may not be Si
- (c) if (s'+s.) i in Ii, hen Set ACTION (i,\$) to "Accept"
- 3. The goto transition for state i are constructed for all Non ternined A using he rule: if GOTO(Ii, A) = Ij then GOTO (i, A) = j
- 4, All entries not defined By rule 2 & rule 3 are made error"
- 5. The hitief state of the passer is the one constructed from be set of items containing [S' -. S]

