SNS COLLEGE OF ENGINEERING Coimbatore-107



COURSE NAME: ANALYSIS OF ALGORITHM
II YEAR/ IV SEMESTER
UNIT – III
GREEDY TECHNIQUE

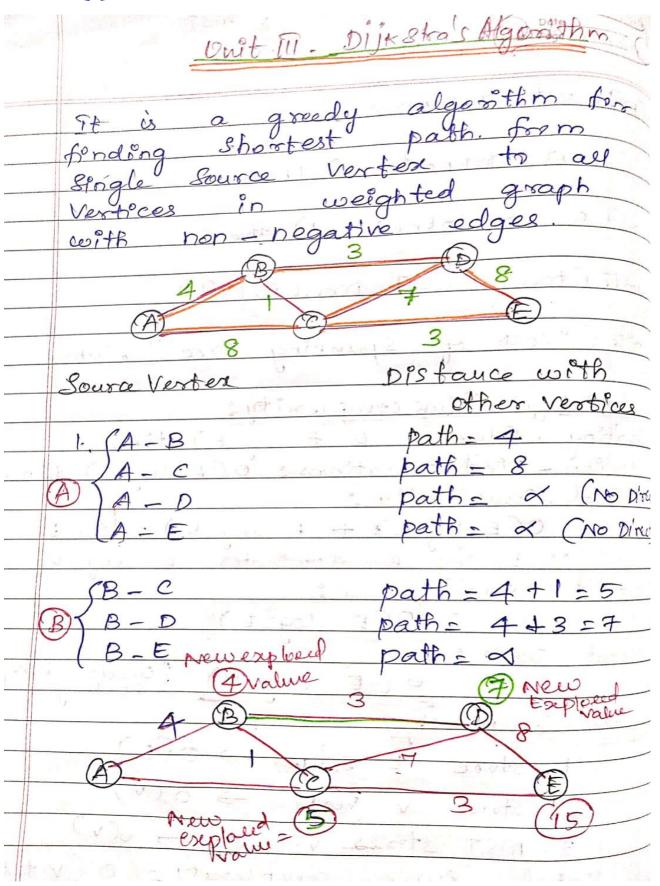
Topic

Greedy Technique: Dijkstra'a Algorithm

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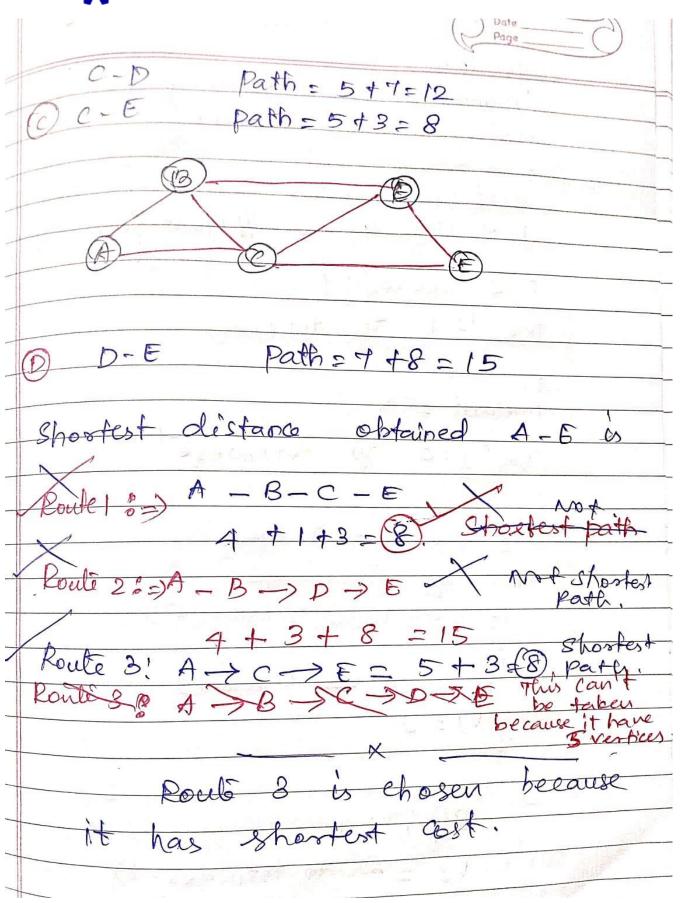




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Algorithm: Algorithm Dijkstra (Graph D., Algorithm Dijkstra (Graph D., for (i.o. to tolnodes)	Source
Algorithm totrodes)	
The state of the s	
Dath [i] = cost Load form	Source
f S [Source] =1	
for 1=1 to tot nodes	3
mindet = x	
for (j=0 to totrodes)	at the second
5 3 - 3 - 3 - 6 - 6 - 6 - 6 - 6 - 6 - 6 -	
iz (SCjJ=0) then	
\$	
ig (dist[) T mindist)	
mindist = dist [i]	
VIZJ	
7	
STVIDA	
for (v2 =0 to totoodes-1)	
2º	



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