# **AJAYKRISHNAN JAYAGOPAL**

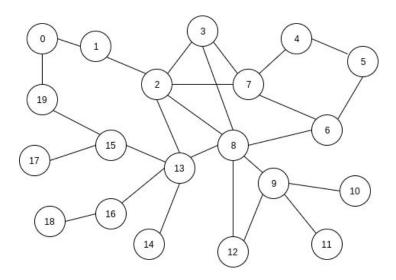
CS14B033

# **OSPF** Routing Algorithm

21st April 2017

# **TOPOLOGIES**

#### 20 Nodes and 26 Links

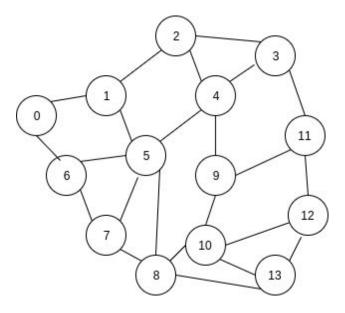


### Forwarding Table for Node 2 at TIME\_STEP 20:

DESTINATION	PATH	COST
0	1	16
1	1	9
3	3	6
4	7	11
5	8	15
6	8	8
7	7	10
8	8	4

9	8	8	
10	8	13	
11	8	12	
12	8	7	
13	13	5	
14	13	10	
15	13	14	
16	13	9	
17	13	15	
18	13	13	
19	13	18	

# 14 Nodes and 23 Links



# Forwarding Table for Node 2 at TIME\_STEP 8:

DESTINATION	PATH	COST
0	1	7
1	1	5

3	3	2
4	4	8
5	1	10
6	1	11
7	1	16
8	1	20
9	4	10
10	4	15
11	3	12
12	3	18
13	4	19

The remaining tables are present in the output files, in the folders output1 and output2.