

ONLINE CLASSES FOR LATERAL ENTRIES

Department : CSE

Academic Year : 2021 – 2022

Year/Semester : II / I

w. e. f.: 21.12.2021 onwards

Timing	1	2	3
Start Time	06:00 PM	07:00 PM	08:00 PM
End Time	07:00 PM	08:00 PM	09:00 PM
Monday	DBMS (DR TVS / MV)	CO (ASK)	C++ (JSK / NVS)
Tuesday	C++ (JSK / NVS)	MFCS (HARI KRISHNA)	DBMS (DR TVS / MV)
Wednesday	DBMS (DR TVS / MV)	CO (ASK)	DAA (DR RPV)
Thursday	DBMS (DR TVS / MV)	MFCS (HARI KRISHNA)	DAA (DR RPV)
Friday	C++ (JSK / NVS)	MFCS (HARI KRISHNA)	CO (ASK)
Saturday	DAA (DR RPV)	C++ (JSK / NVS)	MFCS (HARI KRISHNA)

Sl. No.	Course Title	Credit	Faculty
1	DBMS	3	Mr. TVS SRIRAM / M. VAHINI
2	C++	3	Ms. <u>J</u> SANTHOSHI KUMARI (JSK)
3	Design and Analysis of Algorithms	3	Dr. R. PRIYA VYJAYANTHI (DR RPV)
4	MFCS	3	Mr. Hari Krishna
5	CO	3	A SURAJ KUMAR (ASK)



Timetable Coordinator



Head of the Department

UNIT V

Isomorphic graphs


Two graphs G and G' are isomorphic if there is a function $f: V(G) \rightarrow V(G')$, from the vertices of G to the vertices of G' such that

- (i) f is one-one,
- (ii) f is onto, and
- (iii) For each pair of vertices u and v of G , $\{u, v\} \in E(G)$ if and only if $\{f(u), f(v)\} \in E(G')$ (i.e., f -preserves adjacency).

If $f: G \rightarrow G'$ is an isomorphism, then G and G' are said to be isomorphic and if two graphs G and G' are isomorphic then there may be several isomorphism's from G to G' .

Note: Two isomorphic graphs have the same number of vertices and same number of edges.

Example 1: Show that the two graphs shown in fig are isomorphic.



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Graph Theory Module-VI (1) - Microsoft Word

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$(u_3, u_5) \in E(G_1)$ and $(f(u_3), f(u_5)) = (v_5, v_3) \in E(G_2)$.

$E(G_1) = \{(u_1, u_4), (u_1, u_5), (u_1, u_6), (u_2, u_4), (u_2, u_5), (u_2, u_6), (u_3, u_4), (u_3, u_5), (u_3, u_6)\}$

Thus f preserves adjacency of the vertices.

1 2 3 4 5 6

I

Type equation here.

$$\begin{bmatrix} 0 & 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 0 & 1 & 1 & 1 \\ 1 & 1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & 0 & 0 \end{bmatrix}$$

Adjacency matrix of G_1


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 **OnlineGDB** beta

online compiler and debugger for c/c++

code. compile. run. debug. share.

IDE

My Projects




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main.cpp

```
18 for (i=v.begin();i!=v.end();i++)
19 cout<<*i<<"\t";
20 cout<<"\n";
21 v.push_back(80);
22 //v.insert(i,2,100);
23 for(i=v.begin();i!=v.end();i++)
24 cout<<*i<<"\t";
25 cout<<"\n";
26 v.emplace(i-1,70);
27 for(i=v.begin();i!=v.end();i++)
28 cout<<*i<<"\t";
29 cout<<"\n";
30 cout<<v.at(2)<<endl;
31 v.at(4)=100;
32 cout<<v.at(4)<<"\n";
33 v[3]=80;
34 for(i=v.begin();i!=v.end();i++)
35 cout<<*i<<"\t";
36 cout<<"\n";
37 cout<<v.front()<<endl;
38 cout<<v.back()<<endl;
39 v.erase(i-3);
40 for(i=v.begin();i!=v.end();i++)
41 cout<<*i<<"\t";
42 cout<<"\n";
43 return 0;
44 }
45
```

Input

```
100
20    40    60    80    100
20
10020  40    80    100

...Program finished with exit code 0
Press ENTER to exit console.
```

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BURRI DIVYA B



chandaka bhagyadharani



Faizal Chotu



GEDALA PREETHI G



GINNI NANDHINI G



KANGU. HIMABINDHU



Karthik Pathivada



LE-505 BALAJI



MANDADA AJAY M



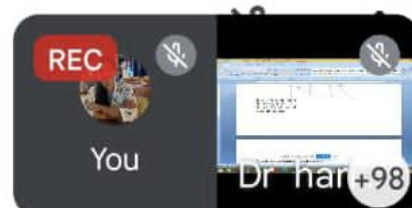
MATHA VENKATA KRISHN...



Pavan Pola



Prudhvi A



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 10-07-2021

Circular

All II EEE students and staff members are hereby informed that online revision classes are going to be conducted to regular students in order to excel in the end examinations. So, in this regard time table in-charge and class teacher planned for revision classes of regular students.

B. Dhanu
T.T i/c

RS Chandra

HOD
Head of the Department
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**NADIMPALLI SATYANARAYANA RAJU
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 28-06-2021

Circular

All III EEE students and staff members are hereby informed that online revision classes are going to be conducted to regular students in order to excel in the end examinations. So, in this regard time table in-charge and class teacher planned for revision classes of regular students.

B. Dinanath
T.T i/c

HOD
Head of Department
Dept. of Electrical & Electronics Engg
N.S. Raju Institute of Technology
Sontyam, Visakhapatnam - 531173

DEPARTMENT OF MECHANICAL ENGINEERING

Date-12-02-2022

Circular

All the 2-year staff members are hereby informed that online classes are going to be conducted to lateral entry students in order to cope up with the regular students. so, in this regard time table in-charge and class teacher plan for the class work for lateral entry students. (17/01/2022 to 22/01/2022)

(Signature)

T.T/Vc

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DEPARTMENT OF MECHANICAL ENGINEERING

Date-12-02-2022

Online classes for Lateral entry students 17/01/2021 to 22/01/2021

S.N 0	Day/time	09:00-10:00 am	10:10-11:20 am	11:20-12:30 pm	02:00-03:00 pm	03:00-4:00 pm
1	Monday	NMT	MOS	M.P	T.D	M.M.S
2	Tuesday	M.O.S	M.P	N.M.T	T.D	M.M.S
3	Wednesday	M.M.S	N.M.T	M.P	T.D	M.O.S
4	Thursday	NMT	M.O.S	M.P	T.D	M.M.S
5	Friday	M.O.S	M.P	N.M.T	T.D	M.M.S
6	Saturday	M.M.S	N.M.T	M.P	T.D	M.O.S

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H.O.D