

Information and Communication Technology (ICT)

Information and Communication Technology (ICT) has become an integral part of the teaching and learning process, enabling educators to deliver content in innovative ways and students to engage with learning material in more dynamic and interactive ways. Our institution has been implemented ICT enhancement programs to improve the quality of education and equip students with the necessary skills for the digital age.

Here are some of the common ICT enhancement programs implemented by college:

Learning Management System: An LMS is a software application that enables educators to create, deliver, and manage educational content online. With an LMS, students can access course materials, participate in discussions, and take assessments online. Commissionerate of collegiate education created the LMS with name as CCELMS (ccelms.ap.gov.in). All faculty members have been generating content for all courses and kept in LMS portal.

Online Courses and Massive Open Online Courses (MOOCs): Online courses and MOOCs allow students to learn at their own pace and from anywhere with an internet connection. The institution adopted ICT tools such as SWAYAM, IIT-Bombay Spoken Tutorials, IBM-Ptech , TCSiON and CISCO CCNA.

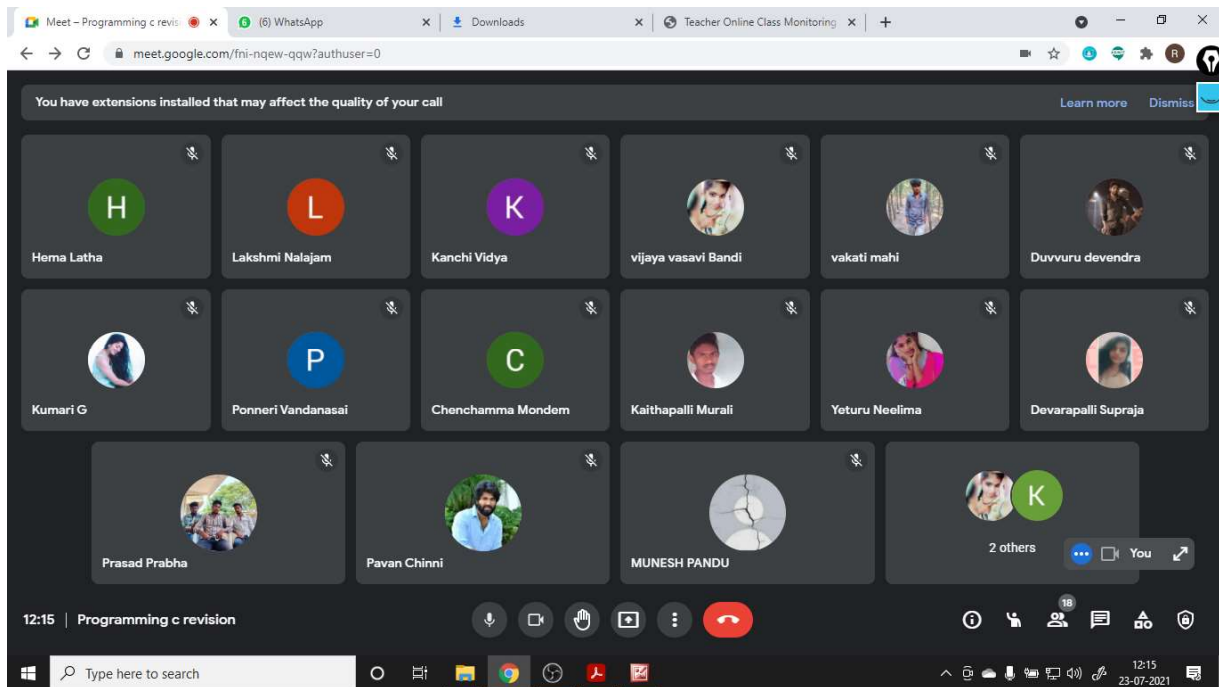
During COVID-19 pandemic period all teaching and learning practice is made through online mode and the course material is available in CCE LMS. Our college adopted video conference tools such as Zoom and Google Meet to deliver the content through online. We recorded the videos and teaching notes sent it to the students' Whatsapp group after completion of the class. In addition to we have also conducted the quizzes using the Google form.

Overall, these ICT enhancement programs have helped the college to provide more engaging and flexible learning experiences for students. The faculty members are very much eager to enhance the ICT usage in future.

Photos:

```
#include <stdio.h>
#include <conio.h>
void main()
{
    int a[5] = {2, 3, 5, 6, 1}; // array initialization
    int x = 5; // searching element
    for (int i = 0; i < 5; i++) // i -> index of an array
    {
        if (a[i] == x)
        {
            printf("The element found");
            getch(-1);
        }
    }
    getch();
}
```

index
a[0] = 2
a[1] = 3
a[2] = 5
a[3] = 6
a[4] = 1



Duration : 58.8 min

S.No	First Name	Last Name	Attendance Status	In-Time	Out-Time	No Of Time Join	Presented Minutes
1	Kota	Abhinaya	Y	12:04		1	55.50
2	vijaya vasavi	Bandi	Y	12:10		1	49.10
3	Pavan	Chinni	Y	12:08		2	50.10
4	Duvvuru	devendra	Y	12:08		2	51.00
5	Kumari	G	Y	12:09		1	50.70
6	Hema	Latha	Y	12:03		1	56.40
7	vakati	mahi	Y	12:10		1	49.10
8	Chenchamma	Mondem	Y	12:04		1	55.50
9	Kaithapalli	Murali	Y	12:02		1	57.80
10	Lakshmi	Nalajam	Y	12:08		1	51.30
11	Yeturu	Neelma	Y	12:01		1	58.70
12	MUNESH	PANDU	Y	12:09		1	50.70
13	Prasad	Prabha	Y	12:11		1	48.60
14	Devarapalli	Supreja	Y	12:02		1	57.60
15	Ponneri	Vandanasai	Y	12:02		1	57.80
16	Kanchi	Vidya	Y	12:03		3	54.60

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You have extensions installed that may affect the quality of your call

The screenshot shows a Google Meet session with a 3x3 grid of participants. The participants are: ravali tupakula, Sravani Bellamkonda, sasi lalasa, Kakani Aruna, chandra sekhar, SAIKUMAR KESARAM, B Gopal, 3 others, and You. The 'People' sidebar on the right lists all participants with their names and icons. The bottom of the screen shows the Windows taskbar with the time 11:32 and date 26-07-2021.

The screenshot shows a Google Meet session with the following participants in the grid:

- velayudam lahari (V)
- Balaji thummuru
- lalitha lalitha (I)
- Sudheer Prabha
- David Amu (D)
- You (R)

The attendance sidebar on the right lists the following participants:

- Balaji thummuru (Joined at 12:09 PM)
- David Amu (Joined at 12:09 PM)
- lalitha lalitha (Joined at 12:09 PM)
- Munilakshmi ch (Last seen at 12:13 PM)
- Sudheer Prabha (Joined at 12:09 PM)
- velayudam lahari (Joined at 12:09 PM)

The meeting title is "JS String Methods" and the time is 12:14.

The presentation slide is titled "FUNCTIONS" in large pink letters. It branches into two categories:

- Built-In Functions**: A list of functions is shown in a pink box: `scanf()`, `printf()`, `getc()`, and `putc()`.
- User-Define Functions**: A definition is provided: "A series of instructions that are executed more than once". A green arrow points from this text to the "Participants" sidebar.

The date "5/20/2021" is visible at the bottom of the slide.

The "Participants (8)" sidebar on the right lists the following participants:

- ram polireddy (Host, me)
- DS Devarapalli Supraja
- L Lakshmi
- M M.chenchamma
- M Mahi
- PV Ponneri vandana sai
- PV Ponneri vandana sai
- V vasavi

Static Variable:

19

➤ This variable static is constant and the value continued in all the steps.

Keyword : static

Declaration : Inside the function

Storage Area : CPU – memory

Initial Value : Zero

Lifetime : The value of the variable persists between different function calls.

Example :

static int x;



Participants (8)

Q. Find a participant

- ram polireddy (Host, me)
- Abhinaya
- D. Deva
- Devarapalli Supraja
- Lakshmi
- Neelima
- PANDU MUNESH

Invite Mute All

You are screen sharing 3/20/2021 Stop Share

Construct a max heap using the following key values.

left → 25, 35, 18, 9, 46, 70, 78 right

① → 25 ✓
"0" children

② → 35 ✓
"0" children

③ → 35 ← find max
25 18

④ → 35 ✓
25 18
"0" children

⑤ → 46 ✓
25 18
"0" children

⑥ → 70 ✓
35 46
"0" children

⑦ → 70 ✓
35 46
"0" children

Final Max Heap: 70 (root), 35 (left child), 46 (right child)

