

1. Class room Teaching

The lecture delivery by the faculty is through a set of educational technology/ tools such as

1. Chalk and talk
2. Presentation (PPT)
3. E-learning
4. Group Discussion
5. Quiz
6. Concept Test
7. Brain Storming
8. Use of Virtual Compliers
9. Flipped Classrooms

1. Chalk and talk:

Lecturing is done using black board, by giving side headings and diagrams on the board and explains in detail.

2. PPT Presentation:

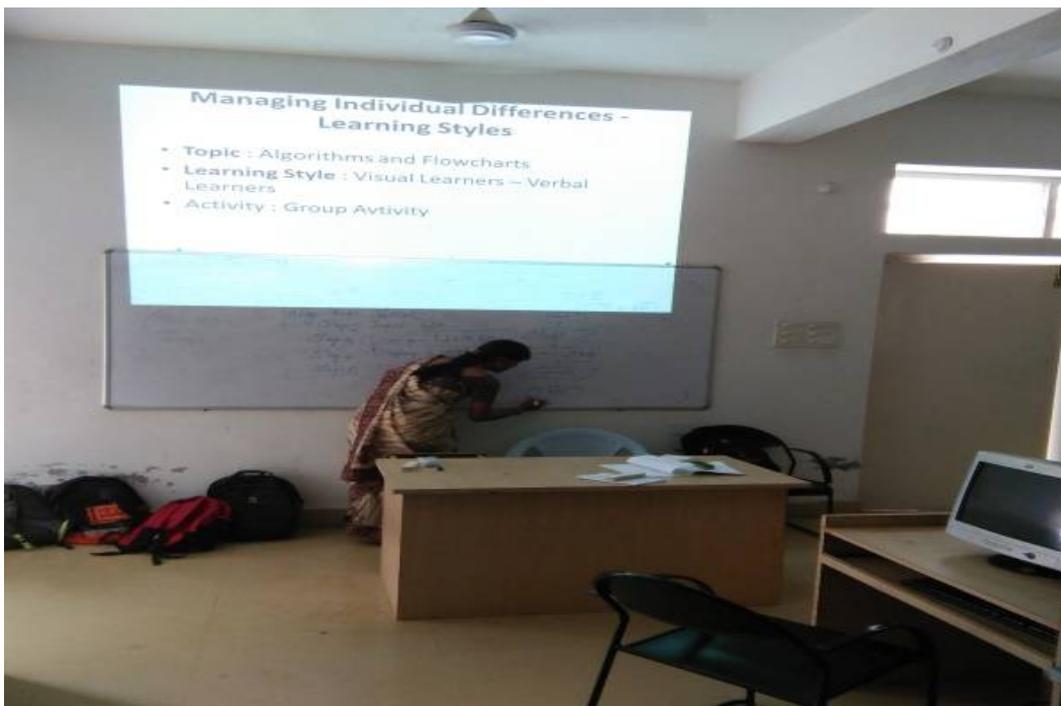
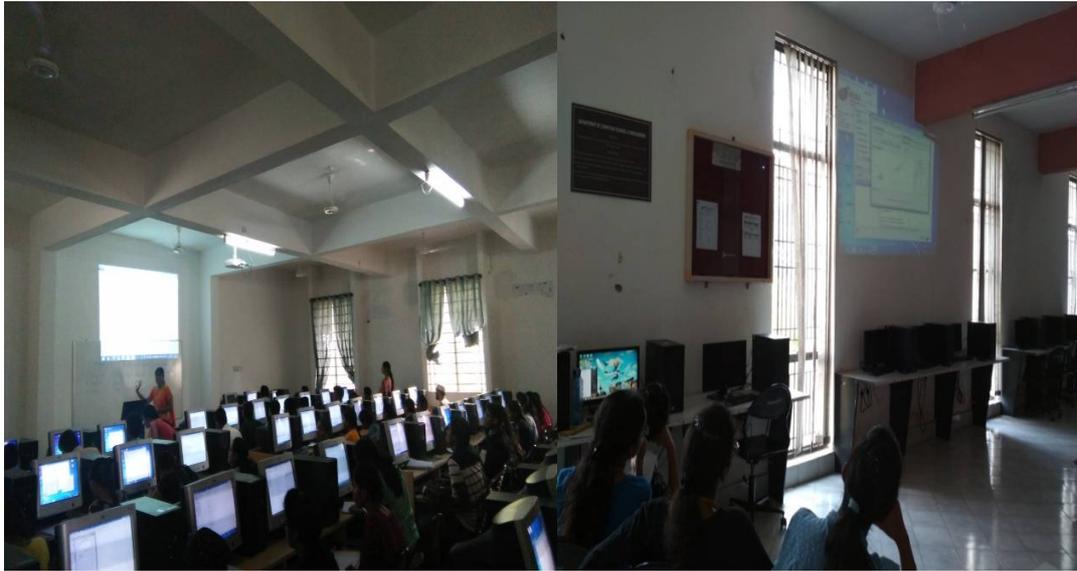
Lecturing is done by using PPT's, which helps in showing the diagrams, delivering the lectures in short duration of time.

3. Demonstration of the courses:

1. Demonstrations include explanation of the theoretical concepts, principles involved in the courses with practical implementation examples. Demonstration helps to stimulate student's thinking capacity and reinforce memory retention, as they interlink facts and real-world applications.

2. Courses such as Physics, Chemistry, Mathematics, Computer Programming, Software Engineering, Operating Systems are demonstrated using the above mentioned methods.

The sample pictures illustrating the usage of class rooms for teaching are shown below.



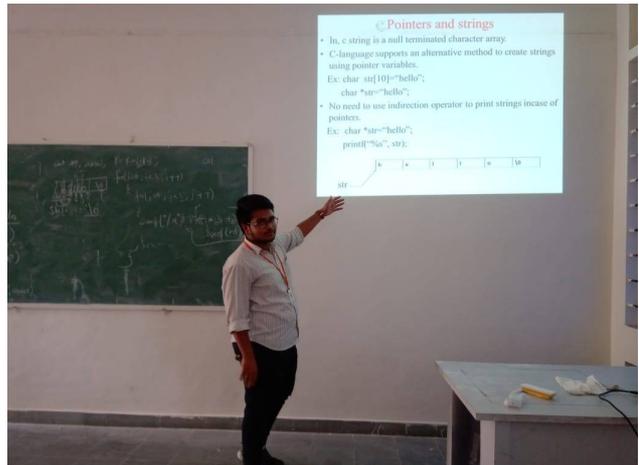
4. Prototype model/components

1. To enhance the quality of class room teaching, various components and prototypes are used. The sample pictures of the components and prototypes that were used in teaching EPICS subject are shown in the Figure:



5. Seminar by students:

We encouraged the students to give seminars on technical topics to improve their communication skills, demonstration skills, to remove stage fear.



6. Student interaction with staff:

At the end of every theoretical explanation, the students are given enough time to interact with the staff regarding the concepts discussed in the session. This helps students to get clear knowledge of the content discussed.



7. Content beyond syllabus

Our department has explored teacher's views and student's experiences by going beyond the syllabus to an advanced level to keep the students abreast of the latest technology. Such provisions are made in each theory subject.

The department arranges for guest lectures on recent developments in the field of Computer Science and Engineering to bridge the gap between curriculum and industry requirements. Tutor course materials for various subjects are kept in the department library for benefiting students for studying beyond college hours.

Self-learning is promoted in the institute by creating facilities such as NPTEL E-Learning.

Assignment submission by students:

In every semester, the students are asked to submit assignments for specific topics by referring books, websites etc., for all the courses.

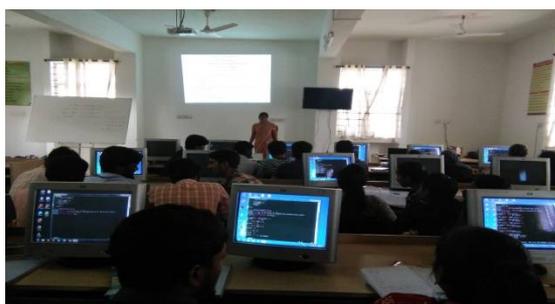
The assignment topics to be submitted by students are planned in advance and noted in the course files. The students submit the assignment within the prescribed time period.

8. Guest lectures

S.NO	Topic	Resource nPerson	Dates
1	4 day workshop on Web Services.	Dr.Ramchandra,Associate head, Blue HR Solutions,Hyd	08/08/2015-11/08/2015
2	One day workshop on Android application development	Mr.VenkatThowtam, Asst.Prof, Dept.of CS, KakatyaUniversity,Wgl	01/03/2015
3	Two day workshop on Cloud Computing	Dr.D.Krishna Reddy, Professor, Dept of CSE, IIT, Hyd	12/09/2015-13/09/2015
4	One day workshop on Linux internals and Network Administration	Mr.RajeshAitha, Team Lead, Twarana Sol.	10/01/2017
5	One day workshop on Information Security Education and awareness	Dr.S.Sreelatha, Assoc.Prof, CDAC, Govt.of India	22/03/2017
6	Two day workshop on Tech hunt' 13	Dr.Nithinchowdary, Assoc.Prof, Dept of CSE, BVRIT,Hyd	08/12/2016-09/12/2016
7	Interaction Session on importance of computers	Mr.R.Naveen Kumar, Prof ,Dept of CSE, Vagdevi College of Engineering.	16/06/2017

9.ICT

1. The laboratories in the department of CCE are equipped with personal computers with internet connection. Students can access the internet facility to browse the useful data. Students also use the internet facility to communicate to others via emails.
2. Faculties use the laptops/PC or smart phones to communicate to the students. Faculties share the subject materials through internet facility.
3. All class rooms in the department of CSE are equipped with LCD projectors through which the faculty can present PPTs and show subject related videos and pictures
4. Students use the tools such as MS word to prepare the documents for mini and major projects.





10. LCD Projectors

All class rooms in the department of CSE are equipped with LCD projectors through which the faculty can present PPTs and show subject related videos and pictures

Sl.No	Room Description	Usage	Shared/Exclusive	Capacity	LCD Projector
1	Room No-1307	2 nd year CSE	Shared	72	Available
2	Room No-1306	2 nd year CSE	Shared	72	Available
3	Room No-1305	2 nd year CSE	Shared	72	Available
4	Room No-1302	3 rd year CSE	Shared	72	Available
5	Room No-1201	3 rd year CSE	Shared	72	Available
6	Room No-1312	3 rd year CSE	Shared	72	Available
7	Room No-1314	4 th year CSE	Shared	72	Available
8	Room No-1315	4 th year CSE	Shared	72	Available
9	Room No-1206	4 th year CSE	Shared	72	Available