



**K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU-
560109**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ADVANCED JAVA AND J2EE (17CS553)

FLIPPED CLASS ROOM REPORT

Syllabus Covered in Flipped class room:

Legacy Classes in Collection Framework:

- Legacy Classes
- Vector, Stack, Dictionary, Hashtable and Properties class.
- Enumeration interface

Methodology Used:

The educational videos have been selected to display the contents in the class. Discussed the topics in between by taking the examples. Students interacted during the complete session.

Class Engaged: Oct 9th 2019 from 10:45 am to 11:40 am [3rd Hour]

Video URLs Used:

Vector (6.18 Minutes)

<https://www.youtube.com/watch?v=P0f7CLUcbD8>

Stack (12.17 Minutes)

<https://www.youtube.com/watch?v=9fECudYEz8>

Dictionary (12.27 Minutes)

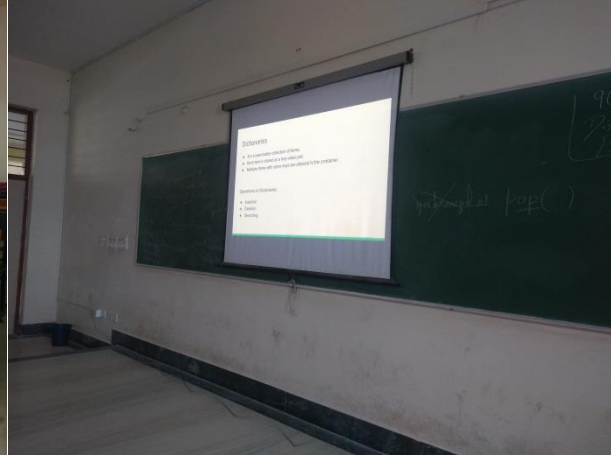
<https://www.youtube.com/watch?v=NRasYtoC9FE>

Hashtable (12.42 Minutes)

<https://www.youtube.com/watch?v=mvmw0PwVI9o>

Properties (4.44 Minutes)

<https://www.youtube.com/watch?v=8GU6d2560F4>



Outcome of Flipped class: Students interaction was good. Along with the syllabus they learnt the additional topics in Collection Framework. Question and answers session was done at the end of the class based on the knowledge they got from the videos.

Questions discussed from the point of view of final SEE examination:

1. Differentiate between legacy classes and Collection Framework.
2. Explain any four legacy class of Java's collection framework.
3. Explain the following legacy classes with an example:
 - a. Hashtable
 - b. Dictionary
4. Define legacy class – Vector. Write a Java program to demonstrate various vector operations.
5. Differentiate between peek() and pop() methods of legacy class – Stack.
6. What do you mean by Properties class in Java.
7. Write the hierarchy of Dictionary, Hashtable and Properties legacy classes in terms of parent-child relationship.

Course-In charge

Signature of HOD