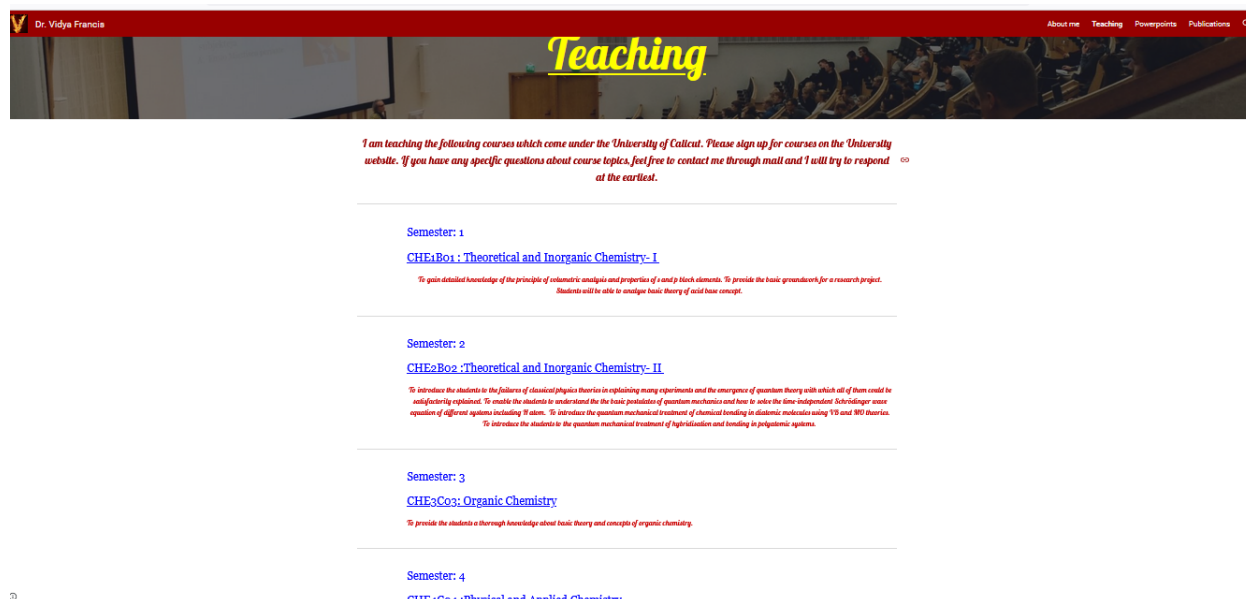


Lecture Capturing System (LCS)



Dr. Vidya Francis

About me Teaching Powerpoints Publications

Teaching

I am teaching the following courses which come under the University of Calicut. Please sign up for courses on the University website. If you have any specific questions about course topics, feel free to contact me through mail and I will try to respond at the earliest.

Semester: 1
[CHE1Bo1: Theoretical and Inorganic Chemistry- I](#)
To gain detailed knowledge of the principle of valentine analysis and properties of s and p block elements. To provide the basic groundwork for a research project. Students will be able to integrate basic theory of solid base concept.

Semester: 2
[CHE2Bo2: Theoretical and Inorganic Chemistry- II](#)
To introduce the students to the followers of classical physics theories in explaining many experiments and the emergence of quantum theory with which all of them could be satisfactorily explained. To enable the students to understand the basic postulates of quantum mechanics and how to solve the time-independent Schrodinger wave equation of different systems including H atom. To introduce the quantum mechanical treatment of chemical bonding in diatomic molecules using VB and MO theories. To introduce the students to the quantum mechanical treatment of hybridisation and bonding in polyatomic systems.

Semester: 3
[CHE3Co3: Organic Chemistry](#)
To provide the students a thorough knowledge about basic theory and concepts of organic chemistry.

Semester: 4
[CHE4Co4: Physical and Applied Chemistry](#)

Link - Powerpoints, Video Lectures

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