

Student Online tutorials of Chemistry Experiments

Coordinated by the Department of Chemistry during 2021-22

With the need of moving to online classes due to the spread of coronavirus, there has been a sudden need to prepare the students and educators for a rapid change in working environment. We prepared a number of videos as a resource for teaching and presenting chemistry practicals for the students studying plus two and B.Sc Chemistry Complementary course as part of the extension activity of the department. In these videos, we share the experience of doing the experiment in the laboratory and the video is seasoned with the theory and method of the experiments.

By taking part in the preparation of online tutorials, students acquired ICT skills and presentation skills which is an unavoidable tool in this digital world. These videos encourage the student learners to understand the core concepts of chemistry practicals thoroughly so that they could easily adapt to their classroom when the offline classes begin.

The online tutorial program is coordinated by Dr. Santhosh Paul, Assistant Professor and Head of the Department of Chemistry. The third year degree students and second year MSc students were divided into seven groups comprising five students. They actively engaged in preparing seven videos under the guidance of faculty of the department and these videos were published in the Youtube channel of our college.

List of youtube videos is shown below-

Tutorials For	Experiment	Link
B.Sc Chemistry Complementary	Cation Analysis	https://youtu.be/qIU4nWvtm-k
plus two	Acidimetric titrations	https://youtu.be/6a1V3IEihtQ
plus two	Permanganometric titrations	https://youtu.be/otrOt60DUvU
plus two	Introduction of lab glassware	https://youtu.be/sQloByfFcqA
B.Sc students and plus two students	Introduction to instruments	https://youtu.be/e6XGge3Dcrc
plus two	Dichrometric titrations	https://youtu.be/Plgb3N57d74
plus two	Complexometric titrations	https://youtu.be/yUdhmu8vPFQ

Image 1: Screenshot of video “Cation Analysis” uploaded in the YouTube Channel

youtube.com/watch?v=qIU4nWvtm-k

YouTube

Search

Students Tutorials for B Sc. Complementary: Analysis of cations in solution

162 views • Oct 28, 2021

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Sacred Heart College, Chalakudy
4.43K subscribers

Department of Chemistry
Sacred Heart College, Chalakudy
https://www.youtube.com/watch?v=7C33Pkra_xE

SUBSCRIBE

All Chemical reactions

QA - Test for cations
BGSS Science
123K views • 5 years ago

Systematic Analysis of...
shalini Puthussery
2.1K views • 1 year ago

Experiment 10- Amino acids...
chhavi singh
27 views • 2 days ago

New

Introduction to Vectors Class...
Aakash BYJU'S N...
98 watching

Full Experiment Titration - KMnO4 Vs...
Science Think
673K views •

List of students participated in the online tutorial preparation

Sl No	Name	Class
1.	Aiswarya A S	III DC Chemistry
2.	Anakha A S	III DC Chemistry
3.	Anija K G	III DC Chemistry
4.	Anjana A S	III DC Chemistry
5.	Ansa Joji	III DC Chemistry
6.	Aparna T N	III DC Chemistry
7.	Athira T N	III DC Chemistry
8.	Darena Davis	III DC Chemistry
9.	Delna Thomas	III DC Chemistry
10.	Devika Chandran	III DC Chemistry
11.	Jyothilakshmi D A	III DC Chemistry
12.	Krishnapriya P V	III DC Chemistry
13.	Riya Royis	III DC Chemistry
14.	Rosmy Roy	III DC Chemistry
15.	Soniya Paulson	III DC Chemistry
16.	Anna Joseph	III DC Chemistry
17.	Anuja P A	III DC Chemistry
18.	Mariya Jose	III DC Chemistry
19.	Merin Elizabeth	III DC Chemistry
20.	Midhuna M	III DC Chemistry

21.	Phoncy Paul	III DC Chemistry
22.	Anjaly Antony	II MSc Chemistry
23.	Ann Maria Shaji	II MSc Chemistry
24.	Diniya V V	II MSc Chemistry
25.	Jaina C J	II MSc Chemistry
26.	Jency Joy	II MSc Chemistry
27.	Julieya John	II MSc Chemistry
28.	Maria Davis	II MSc Chemistry
29.	Neeraja P	II MSc Chemistry
30.	Nimisha C	II MSc Chemistry
31.	Reega Davis	II MSc Chemistry
32.	Sajitha Barvin S	II MSc Chemistry
33.	Smitha K	II MSc Chemistry

