

MAULANA AZAD COLLEGE OF ARTS, SCIENCE & COMMERCE,  
AURANGABAD

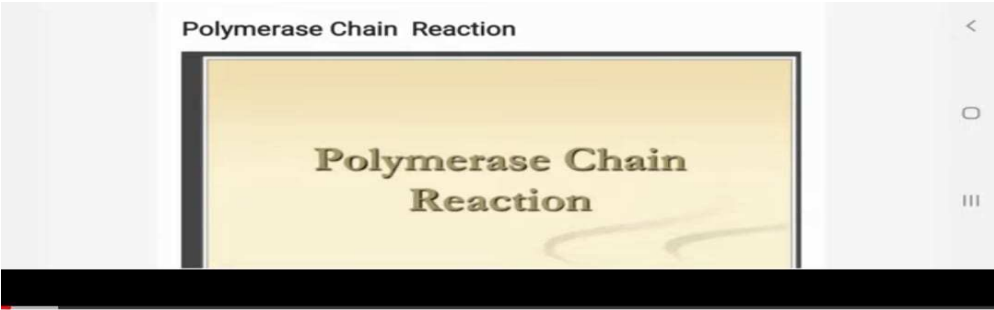

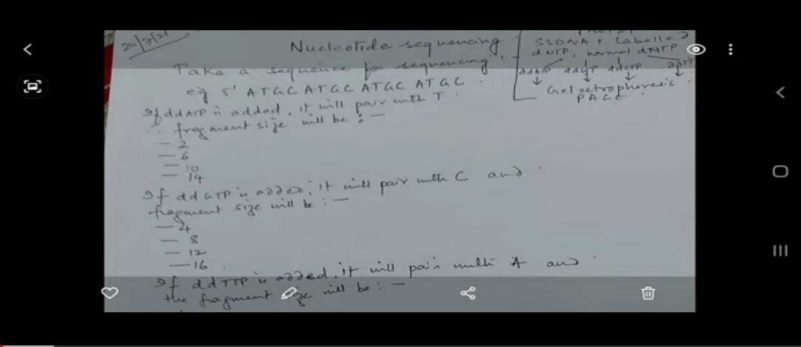

Rafiq Zakaria Campus-I

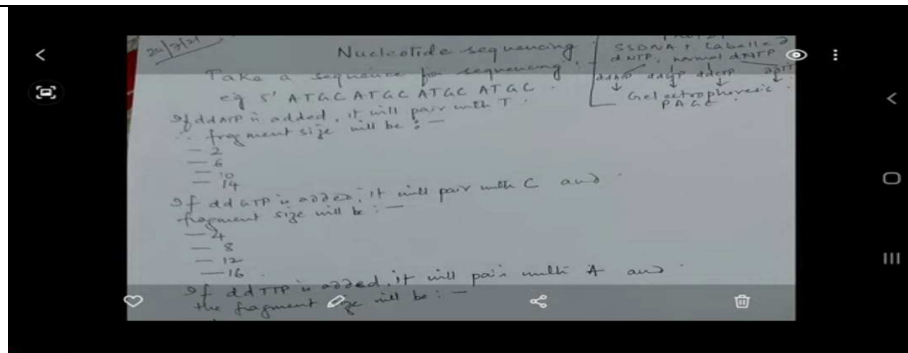
Criterion II: Teaching- Learning and Evaluation

2.3.2. Teachers use ICT enabled tools for Effective Teaching-Learning process

Summary of YouTube channels

Department of Microbiology

Sr. No	Name of Teacher	YouTube channel/Lecture links
1	Dr. Aditi Bhattacharya	<a href="https://youtu.be/m8RJFSm7VXA">https://youtu.be/m8RJFSm7VXA</a> <a href="https://youtube/I-SsV5vqp6o">https://youtube/I-SsV5vqp6o</a> <a href="https://youtu.be/olk7zWS3tQ4">https://youtu.be/olk7zWS3tQ4</a> <a href="https://youtube/I-SsV5vqp6o">https://youtube/I-SsV5vqp6o</a>
 <p><b>Polymerase Chain Reaction</b></p> <p>89 views 1 yr ago ...more</p> <p> Dr. Aditi Bhattacharya 28</p>		 <p><b>How to sequence a DNA- an example</b></p> <p>16 views 1 yr ago ...more</p> <p> Dr. Aditi Bhattacharya 28</p>

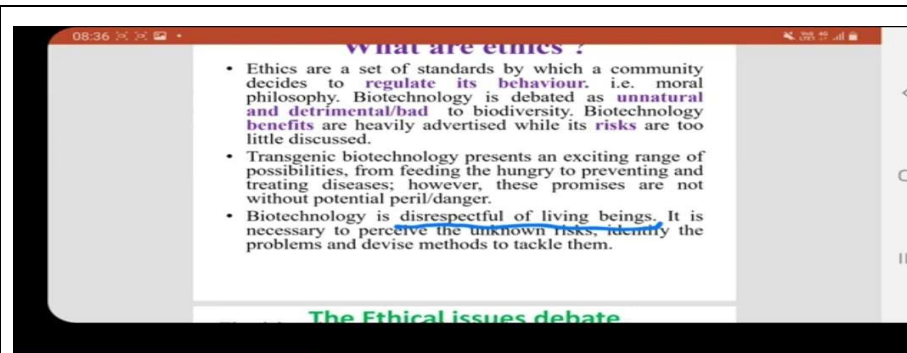


## How to sequence a DNA- an example

16 views 1 yr ago ...more



Dr. Aditi Bhattacharya 28



## Ethical issues of Genetic engineering

40 views 1 yr ago ...more



Dr. Aditi Bhattacharya 28

## Department of Chemistry

Sr. No	Name of Teacher	YouTube channel/Lecture links
1	Dr. Arif Pathan	<a href="https://www.youtube.com/@DrArifPathan">https://www.youtube.com/@DrArifPathan</a>



YouTube video player showing two videos side-by-side. The left video is 'Alcohol Lect-3 by Dr Arif Pathan' and the right video is 'Alcohol: Preparation by reduction of Aldehydes and Ketones using NaBH4'.

**Alcohol Lect-3 by Dr Arif Pathan**

Common	Carbinol	IUPAC
$\text{CH}_3\text{OH}$	methyl alcohol	Carbinol
$\text{C}_2\text{H}_5\text{OH}$	ethyl alcohol	Methanol
$\text{CH}_3\text{CH}_2\text{CH}_2\text{OH}$	n-propyl alcohol	Ethanol
$\text{CH}_3\text{CH}(\text{OH})\text{CH}_3$	iso-propyl alcohol	Propan-1-ol
$\text{CH}_3\text{CH}_2\text{CH}(\text{OH})\text{CH}_3$	sec-butyl alcohol	Propan-2-ol
		dimethyl carbinol

**Alcohol: Preparation by reduction of Aldehydes and Ketones using NaBH4**

Reduction of Aldehydes by  $\text{NaBH}_4$  in water solvent.

Mechanism: possible steps in reaction.

1)  $\text{NaBH}_4 \rightarrow \text{Na}^+ + \text{BH}_4^-$

2)  $\text{H}-\text{C}(=\text{O})-\text{H} + \text{BH}_4^- \rightarrow \text{H}-\text{C}(\text{O}^-)-\text{H} + \text{BH}_3$

3)  $\text{H}-\text{C}(\text{O}^-)-\text{H} + \text{H}_2\text{O} \rightarrow \text{H}-\text{C}(\text{OH})-\text{H} + \text{OH}^-$

2 | **Dr. Anees Ahmed**

<https://www.youtube.com/@dr.aneesahmedsknowledgehub2662>

YouTube video player showing two videos side-by-side. The left video is 'History of the Periodic Table' and the right video is '1st Quantum Number (Principal Quantum Number (n))'.

**History of the Periodic Table**

- 1871 – **Mendeleev** arranged the elements according to:
  - Increasing atomic mass
  - Elements w/ similar properties were put in the same row.
- 1913 – **Moseley** arranged the elements according to:

**1st Quantum Number (Principal Quantum Number (n))**

- Refers to the principal energy levels.

Diagram showing a Bohr model of an atom with a central nucleus containing protons and neutrons, and electrons orbiting in shells labeled 1, 2, 3, 4. A table next to it lists the principal quantum number (n) from 1 to 4.



youtube.com/channel/UC4o0uI39JxCIGMb3PLad1fw

YouTube

Search

Home  
Shorts  
Subscriptions

Library  
History  
Your videos  
Watch later  
Your clips  
Liked videos

Subscriptions  
India Today  
THEREALPAX  
AWAZ  
Little Baby Bum

Al-Chemia For All...Dr. Abdul Ahad  
@B983043480 12 subscribers 2 videos  
More about this channel >

HOME VIDEOS PLAYLISTS CHANNELS ABOUT

Uploads Play all

Mechanism of Bechamp Reduction - Preparation of...  
582 views • 1 year ago

Diaphragm Pressure sensor  
279 views • 1 year ago

youtube.com/watch?v=MuLUUoYHg8

6 February, 2021

Mechanism of Bechamp Reduction - Preparation of Aniline

Al-Chemia For All...  
12 subscribers

Analytics Edit video

12

Share Save

youtube.com/watch?v=MuLUUoYHg8

26 June, 2021

Diaphragm Pressure sensor

Al-Chemia For All...  
12 subscribers

Analytics Edit video

5

Share Clip

For Server & BS  
Ad · product.tdk.com/en/landing/tdk...  
Download

BOURDON TUBE PRESSURE GAUGE WORKING...  
Instrumentation Academy  
17K views • 2 years ago

Hazrat Khadija: Whose intelligence changed the histo...  
BBC News Urdu  
747K views • 2 years ago

Dark Reality of Cold Drinks | Dhruv Rathee  
Dhruv Rathee  
8.7M views • 7 months ago

[ENGLISH] Where did GOD come from? Who created GOD? Bes...



# Department of Mathematics

Sr. No	Name of Teacher	YouTube channel/Lecture links
1	Dr. Sadik Ali Shaikh	<a href="https://www.youtube.com/@dr.sadikalishaikh6813">https://www.youtube.com/@dr.sadikalishaikh6813</a>

The screenshot displays the YouTube channel for Dr. Sadik Ali Shaikh. The channel name is "DR. SADIKALI SHAIKH" with the handle "@dr.sadikalishaikh6813", 441 subscribers, and 131 videos. The page features a grid of video thumbnails, including "The Plane Part Four" (192 views), "THE PLANE PART THREE" (84 views), "Dynamics Part Eight" (83 views), "The Plane Part Two" (127 views), and "THE PLANE PART ONE" (191 views). The main video player shows a lecture on the equation of a plane passing through three points, with the equation  $A(x-2) + B(y-2) + C(z+1) = 0$  and the points  $(2,2,1)$ ,  $(3,4,2)$ , and  $(7,8,6)$ . The video title is "The Plane Part Four" with 192 views. The channel also has a "Subscribe" button and a "Share" button.

## Department of Commerce

Sr. No	Name of Teacher	YouTube channel/Lecture links
1	Dr. Aparna Saraf.	<a href="https://www.youtube.com/channel/UCv8fN9QgAVoIl">Dr. Aparna Saraf@dr.aparnasaraf2143</a>

## Department of Hindi

Sr. No	Name of Teacher	YouTube channel/Lecture links
1	Dr. Shaikh Afroz Fatema	<a href="https://youtu.be/jSRiXm5Fevo">https://youtu.be/jSRiXm5Fevo</a>



## Department of Psychology

Sr. No	Name of Teacher	Class	YouTube channel/Lecture links
1	Dr. Shaikh Ajhar Patel	BA	<a href="https://youtube.com/channel/UCDgSUjZ9DqOVDR8mgExD0lw">https://youtube.com/channel/UCDgSUjZ9DqOVDR8mgExD0lw</a>



## Department of Botany

Sr. No	Name of Teacher	YouTube channel/Lecture links
1	Dr. Rafiuddin Naser	<a href="https://youtu.be/YfBEK1uBYUE">https://youtu.be/YfBEK1uBYUE</a> <a href="https://youtu.be/e1NQL5GbX7U">https://youtu.be/e1NQL5GbX7U</a> <a href="https://youtu.be/ux-m-yLFLQs">https://youtu.be/ux-m-yLFLQs</a> <a href="https://youtu.be/9nMKEutFiG4">https://youtu.be/9nMKEutFiG4</a> <a href="https://youtu.be/e1NQL5GbX7U">https://youtu.be/e1NQL5GbX7U</a>

## Department of Urdu

Sr. No	Name of Teacher	YouTube channel/Lecture links
1	<b>Dr. Quazi Naweed Ahmed Siddiqui</b>	Ghazal Kya Hai: <a href="https://youtu.be/uzlSqHAzI-Q">https://youtu.be/uzlSqHAzI-Q</a> Qasida Part 1 : <a href="https://youtu.be/z2fPY6VV02M">https://youtu.be/z2fPY6VV02M</a> Qasida Part 2: <a href="https://youtu.be/6AHgdg2rbDk">https://youtu.be/6AHgdg2rbDk</a> Maktoob Kya hai: <a href="https://youtu.be/bfhfXb4soGQ">https://youtu.be/bfhfXb4soGQ</a> Ghazal Ka Safar Part: <a href="https://youtu.be/TcIzyf6BaX4">https://youtu.be/TcIzyf6BaX4</a> Ghazal KeAjzayeTaekibi Aur Hayet <a href="https://youtu.be/s5sNBDtNhvk">https://youtu.be/s5sNBDtNhvk</a> The Art of Ghazal: <a href="https://youtu.be/fjGvJWhRiYw">https://youtu.be/fjGvJWhRiYw</a> Urdu Mein Teen Misrao Ki Nazmein: <a href="https://youtu.be/06HRQFQ_UpE">https://youtu.be/06HRQFQ_UpE</a>