



YASHAWANT SHIKSHAN SANSTHA'S

Miraj Mahavidyalaya Miraj

Dr. Smt. S. C. Yadav, Department of Physics

2.3.2 ICT enabled Tools for Effective learning used by

Dr. Smt. S. C. Yadav:

Sample of Existing Digital Platforms

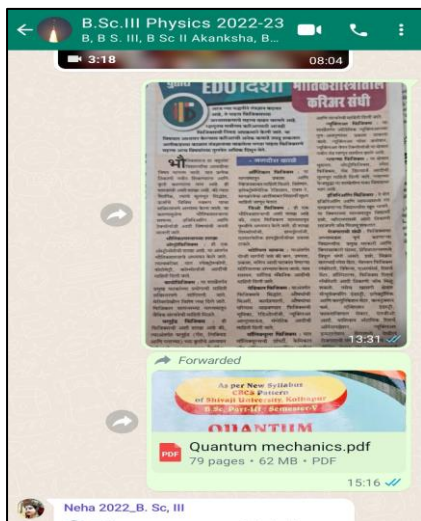
Different digital platforms used for teaching learning method for effective learning is as mentioned below:

Sr. No.	Company Providing Digital platforms	Service offering
1.	Whats app, Telegram Groups	Messages
2.	Wikimedia, Wikieducator	Information
3.	µTorrent, Dropbox	File Sharing
4.	Shine	Job Search
5.	Spotify	Music Streaming
6.	Skill Share	Teaching VDOS
7.	YOU Tube	VDO Sharing
8.	Netflix	Movie Streaming
9.	Mentimeter	Assessment tools-Poll Assessment
10.	Amazon Kindle	ebooks
11.	Face book, chatbox, instagram	Messages
12.	Nearpod	Teaching assessment
13.	MEET: Google, Zoom, Microsoft Team	Online teaching
14.	Google Docs, Google Slides, Google Classroom	Teaching

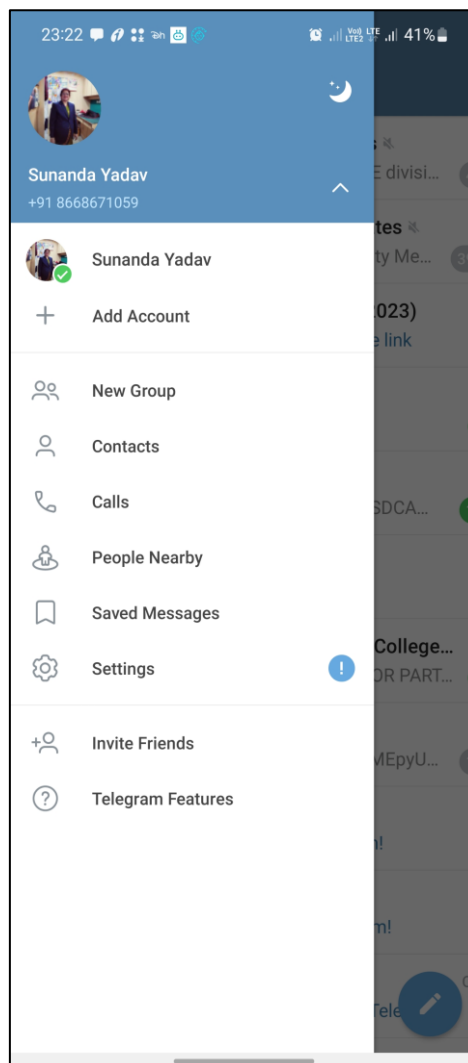
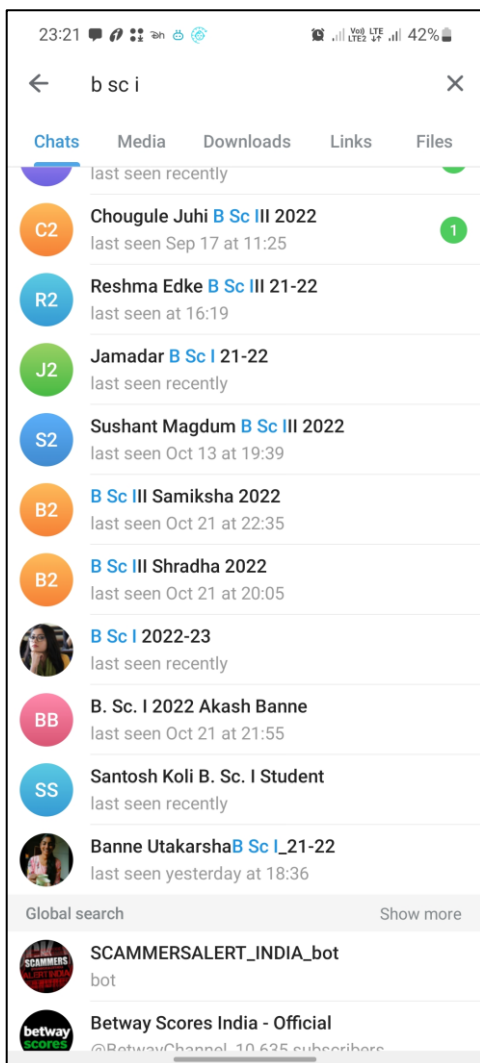


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1. What's up Group in Physics



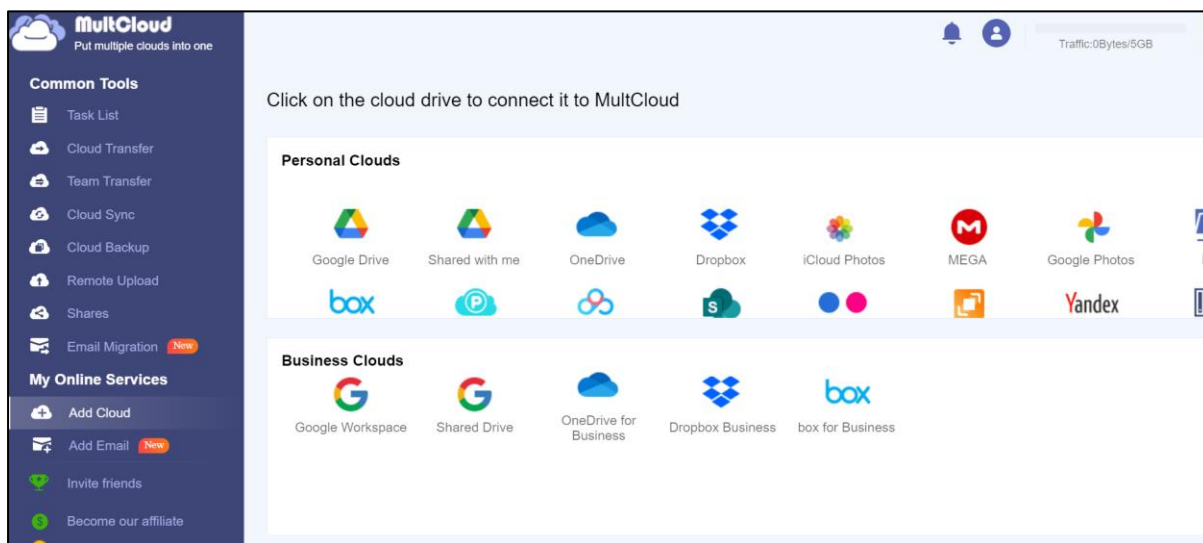
1. Telegram Group



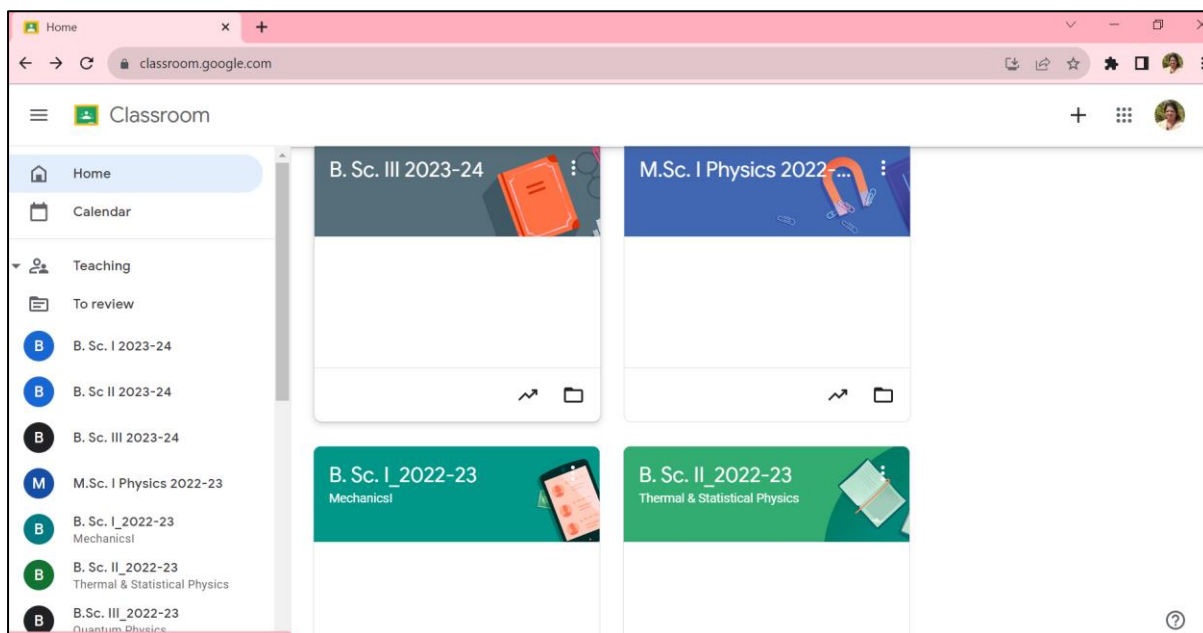


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3. Multi Cloud File transfer

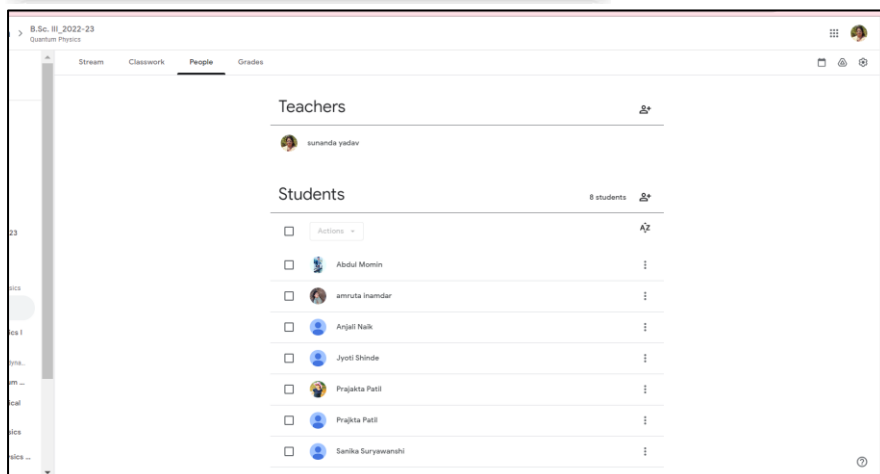
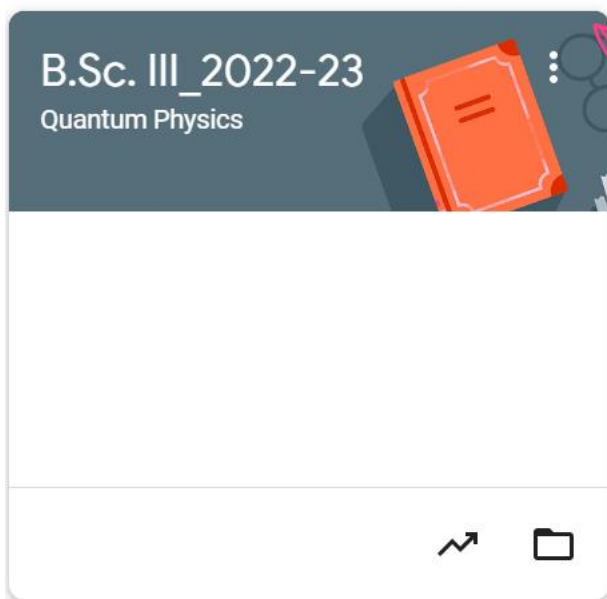


Google Classroom





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NEP Syllabus

https://drive.google.com/drive/folders/1JonJSp-aJUGcr5H-pK0ALeC0824bWRC9?usp=drive_link

M. Sc.Practical:

https://drive.google.com/drive/folders/1cChIQGM507UHwWZZ--wMvYNANzK6Hxxi?usp=drive_link

ebooks:

https://drive.google.com/drive/folders/1SQfmEc9KDqnFn28GFORv5o5CWFLBjw9c?usp=drive_link

Google Docs:

<https://docs.google.com/document/d/1szyVU8fEGUaJZbJzRWsgrzQAtvrew6L5VraMxkwgLI8/edit?usp=sharing>

Question Bank: Quantum Mechanics:

https://drive.google.com/file/d/18N6xQuzTVS9tXnuYPnPIEIPXw3DYRRIW/view?usp=drive_link



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Paper X (Quantum mechanics) Unit Test 1 ☆ 📁 Saved to Drive
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Paper X (Quantum mechanics) |

Unit Test 1 (14 -10-2022)

Q1. Explain in details, how Davison and Germer experiment proves de Broglie hypothesis.

Q2. Derive Schrodinger's time independent wave equations for the matter wave in 1-D and 3-D.

Q3. Derive Schrodinger's time dependent wave equations in 1-D and 3-D.

Q4. State and explain uncertainty principle.

Q5. Obtain relation between phase velocity, group velocity, and particles velocity.

Q6. Obtain expression for phase velocity and group velocity.

Unit Test I_B. Sc. I

[https://docs.google.com/document/d/1n6Q4382ITLEjVcHEe66GFecQPx0V4548ZDb8pPQibyo/edit?usp=drive link](https://docs.google.com/document/d/1n6Q4382ITLEjVcHEe66GFecQPx0V4548ZDb8pPQibyo/edit?usp=drive_link)

Copy of Unit Test 1 - April 8, 2:59 AM ☆ 📁
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Assignment

PART – A

Answer all questions. All questions carry equal marks: (10x2=20marks)

1. Define one farad.
2. State Gauss's law in electrostatics.
3. What is Seebeck effect?
4. State Kirchhoff's laws.
5. A circular coil has a radius of 0.1m and the number of turns is 50. Calculate the magnetic induction at the centre of the coil when a current of 0.1A flows in it.
6. Define mutual inductance between pair of coils.
7. What do you understand by the time constant of a circuit containing inductance and resistance?
8. Obtain an expression for average value of an alternating current.
9. What is meant by hysteresis?
10. What is displacement current?

PART – B

Answer any four questions: (4x7.5=30marks)

11. a) Derive an expression for the electric field at any point due to an electric dipole. (5.5)
b) An electric displacement $2.5 \times 10^{-6} \text{ cm}$ is placed in a uniform field of intensity $2.0 \times 10^5 \text{ N/c}$. How much work is done on turning the dipole end to end? (2)
12. Explain with theory, how Carey Foster bridge is used to find the resistance of a coil of wire.
13. Give the theory of Helmholtz galvanometer.
14. Discuss the theory of parallel resonant circuit. Mention its use.

Unit Test : Course: B.Sc. II (Sem. – 3)

Subject Name: Thermal & Statistical Physics I (Paper-V)

<https://drive.google.com/file/d/1yVVJ00qdRpjhFEptGqXURAZh3ltAjdCz/view?usp=sharing>



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Subject Name: Thermal & Statistical Physics I (Paper-V)

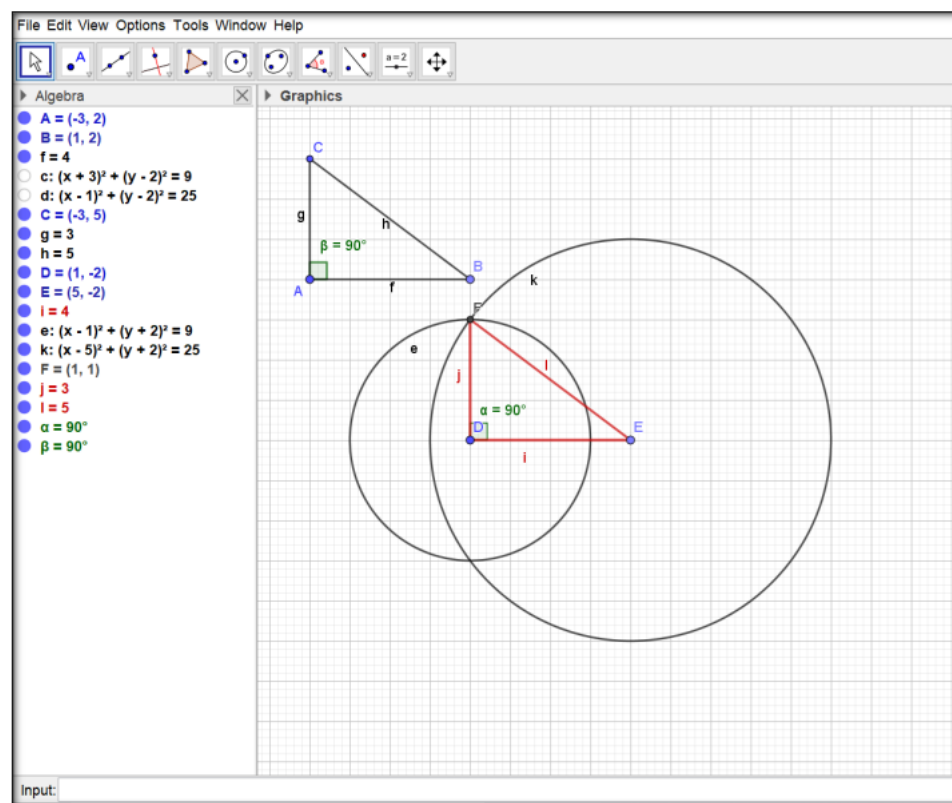
Course: B.Sc. II (Sem. – 3)

1. An adiabatic process occurs at constant.....
(a) temperature (c) pressure
(b) heat (d) volume
2. Mechanical equilibrium refers to the uniformity of.....
(a) Pressure (c) Temperature
(b) Volume (d) entropy
3. Thermal equilibrium defines the constancy of
(a) volume (c) temperature
(b) pressure (d) entropy

Using Geogebra Diagram Drawing Tools:

Assignment3

raniyadav1970@gmail.com





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Dr. Smt. S. C. Yadav, Department of Physics

DSE-F3 Atomic and Molecular Physics and Astrophysics

Question Bank For Mar 2022 (Summer) Examination

Subject Code : 81670 Subject Name : Physics Paper XV

https://drive.google.com/file/d/1z-L2hN6eL22dRHQXTD_ohRdFGZELyqGe/view?usp=drive_link

Shivaji University, Kolhapur
Question Bank For Mar 2022 (Summer) Examination
Subject Code : 81670 Subject Name : Physics Paper XV
DSE-F3 Atomic and Molecular Physics and Astrophysics

Q1) Select the correct alternative for the following. (1 mark each)

- 1) Right vertical axis of the H-R diagram represents
a) temperature b) spectral class c) luminosity d) absolute magnitude
- 2) According to the condensation theory, during this period of aggregation of small bodies called continued to form the planets.
a) asteroids b) meteorites c) planetismals d) comets
- 3) Raman spectra can be produced only when the sources have intensity.
a) high b) weak c) zero d) very weak
- 4) In case of vibrational transitions of the molecule, the group $\Delta v = +1$ and $\Delta J = +1$ represents

Subject Code: 81671

Subject Name: Energy Studies and Materials Science

Shivaji University, Kolhapur

Question Bank For Mar 2022 (Summer) Examination, Subject Code: 81671

https://drive.google.com/file/d/1z0BT1b0_5CGDcOV8EijVsQNowmWtXSp_/view?usp=sharing



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Miraj Mahavidyalaya Miraj
Dr. Smt. S. C. Yadav, Department of Physics

Shivaji University, Kolhapur
Question Bank For Mar 2022 (Summer) Examination
Subject Code: 81671
Subject Name: Energy Studies and Materials Science
Common subject Code (if any) _____

Q. 1 Choose correct alternatives. 08

- resource has largest contribution to electricity production.
a) Coal b) Oil c) Nuclear d) Solar
- Which of the following is renewable energy source?
a) Nuclear b) Biogas c) Coal d) Oil
- is non-conventional source of energy
a) Coal b) Oil c) Natural gas d) Wind energy
- Which of the following is not a unit of energy?
a) Watt b) Joule c) Watt-sec d) KWh
- Wind farm is a site _____

Question Bank For Mar 2022 (Summer) Examination

Subject Code :81669 Subject Name: PHYSICS PAPER- XIV (CBCS)

SOLID STATE PHYSICS

<https://drive.google.com/file/d/1yuVSEGsbB2f6ZylNagb6-ANjnTVAPFe7/view?usp=sharing>

Shivaji University, Kolhapur
Question Bank For Mar 2022 (Summer) Examination
Subject Code :81669 Subject Name: PHYSICS PAPER- XIV (CBCS)
SOLID STATE PHYSICS

Q.1 Select correct alternative. (Each – 1 Mark)

- If K is wave vector of incident X-ray beam and G be the reciprocal lattice vector then condition for Bragg reflection is given by _____
a) $2K \cdot G + G^2 = 0$ b) $K \cdot G + G^2 = 0$
c) $K \cdot G + G = 0$ d) $2K \cdot G + G = 0$

B. Sc. III_Nuclear Physics_Question Bank

[https://drive.google.com/file/d/1yrOeDq7tG9AZkQSFjnJLxl6yTh4D-mW/view?usp=drive link](https://drive.google.com/file/d/1yrOeDq7tG9AZkQSFjnJLxl6yTh4D-mW/view?usp=drive_link)

Yashwant Shikshan Sanstha's
Miraj Mahavidyalaya, Miraj
NAAC 2022-23

Criterion II

Key Indicator- 2.3. Teaching- Learning Process

2.3.2. Teachers use ICT enabled tools for effective teaching – learning process.

Response:

➤ **Name of Teacher: Mrs. Shubhangi Patil, Assist. Prof, Dept. of Botany**
Miraj Mahavidyalaya, Miraj

❖ **YouTube Videos:** <https://www.youtube.com/watch?v=UXS2sQlNY8c&t=24s>
<https://www.youtube.com/channel/UCyWEj6dNVHJQClcspfZlBgg>
<https://www.youtube.com/channel/UCyWEj6dNVHJQClcspfZlBgg>

❖ **E-Book Library:**
<https://drive.google.com/drive/folders/1d8F6YbxHHkv6AS4qm2y4M13wDf4sHoKY>

❖ **PPTs-**<https://drive.google.com/drive/folders/1a3aE0Gz0H5Ab8FM5NdPrltu3eE5e0wqV>

❖ **Google Classroom:**
<https://drive.google.com/drive/folders/0B1bG1XF2POwBfmNoWERVUy1lMUZENGoYWGducUlwWUtmQXRXZm10V3ByOThjQW1iSEotRzg?resourcekey=0-7-cfe07fkTrH-CQgZORcg>

❖ **PPTs uploaded on Slide share:**

https://www.slideshare.net/ShubhangiPatil35/role-of-quarantine?from_search=6
<https://www.slideshare.net/ShubhangiPatil35/gsdgrassy-shoot-disease-of-sugarcane.pdf>



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Role of Quarantine in Control of Plant Diseases

Mrs. Shubhangi Pradeep Patil
Assistant Professor

Department of Botany
Miraj Mahavidyalaya, Miraj (Maharashtra), India
Affiliated to Shivaji University, Kolhapur (Maharashtra), India
E-mail: shubhangipatil@gmail.com



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1 of 8

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Role of quarantine

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Dr. Rajbir Singh

Department of Plant Pathology
Jawahar Education Trust, Miraj, Maharashtra 431 004
Miraj, India

22.9K views • 10 slides

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Rajbir Singh

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Shubhangi Patil

2 SlideShares
1 Clipboard
5 Followings

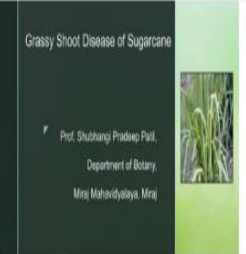
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Presentations (2)



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➤ **Faculty Name: Dr. Nitin Dadasaheb Potphode**

Assistant Professor, Dept. of Zoology,

Miraj Mahavidyalaya, Miraj.



E-books Library -

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PPTs Library- B. Sc. I -

<https://drive.google.com/drive/folders/17uQXPEg-freTuwtuo900DhMc03K6WcE8>



PPTs Library- B. Sc. II -

https://drive.google.com/drive/folders/1wn8oTnIJzXB5XqzNp-xyKe8gzqf_BeU

You tube Videos-

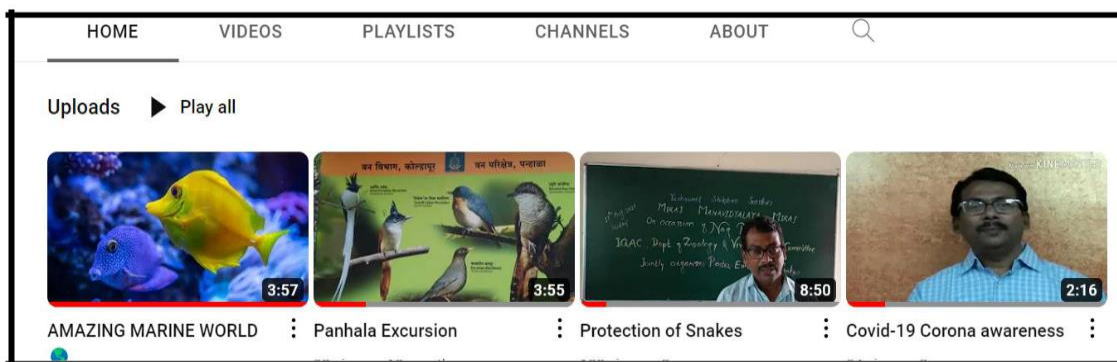
Name of the channel- Nitin Potphode@nitinpotphode762517

<https://youtu.be/X55nkckSU-E?si=vScfrnWeuhOAasSH>

<https://youtu.be/HPWV5Ye7KPc?si=KfzNho6VMhcn3DT4>

<https://youtu.be/PyJ7bofivpY?si=w4ygKBrLL5VHXYjY>

<https://youtu.be/ggfzvKlaXng?si=jsFRDxu7yB0ccnLJ>



➤ **Name of Teacher: Mr. Vishal Tanaji Patil, Head & Asst. Prof,**
Dept. of Computer Science,
Miraj Mahavidyalaya, Miraj

E- Notes:-

<https://drive.google.com/drive/folders/1humHZpFSdBch0imyLUOFG7-ThlFTgu42?usp=sharing>

- **Database Management System**

1) Unit –I Introduction to Database

<https://drive.google.com/file/d/1EMsKUJhBModV8J7IOgtGrESrgiT5kCDR/view?usp=sharing>

2) Unit -II Data Models

https://drive.google.com/file/d/1T22BURSQAyuvJI_4JsXvJELQrNQ1KFzT/view?usp=sharing

3) Unit -III Intro. to MS Access

https://drive.google.com/file/d/1T22BURSQAyuvJI_4JsXvJELQrNQ1KFzT/view?usp=sharing

4) Unit - IV Organization of Database

<https://drive.google.com/file/d/1n9Grbh-xpsXyvgW3-HafbR47Ib358DDr/view?usp=sharing>

- **Office Automation**

1) Unit –I Internet & Advanced Communication

https://drive.google.com/file/d/12l_IBCBgQWVsH8Lsl_vzdcQ9SY7RPBEZ/view?usp=sharing

2) Unit -II Intro. to MS -Word

https://drive.google.com/file/d/1FW_KAjaGXCBIrYD0IG9w4I6_KNassnLj/view?usp=sharing

3) Unit -III Intro. to Open Office Writer

<https://drive.google.com/file/d/1Ou-wZ1XB3fzbMlnASDHZfb2ZLvDFpVRX/view?usp=sharing>

4) Unit - IV Intro. to Power Point

<https://drive.google.com/file/d/1ky7jJuwVq6MxGo-Kvi3Hv-CaAK4mVBbl/view?usp=sharing>

- **Relational Database Management System**

<https://drive.google.com/file/d/1SHV6NdZAZR22dhEJZdm7cLx2agsisSwt/view?usp=sharing>

- **PHP**

1) https://drive.google.com/file/d/1B6zs6_-F0-UJ5DzRsmrdPtmC6TDna6BW/view?usp=sharing

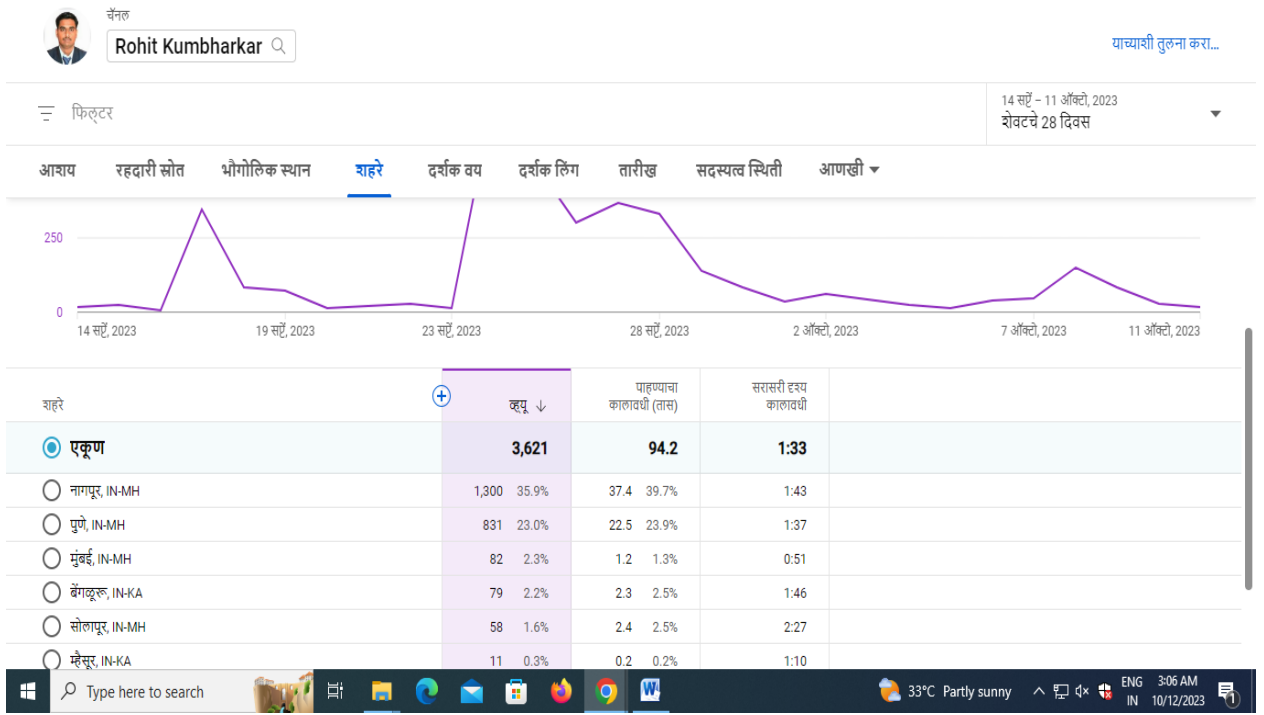
2) <https://drive.google.com/file/d/1fxVRjpaR3Q8DmFvD1LXMmKgu3QBYG9r9/view?usp=sharing>

➤ **Name of Teacher: Mr. Vishal Tanaji Patil, Head & Asst. Prof,**
Dept. of Computer Science,
Miraj Mahavidyalaya, Miraj

❖ **You Tube Channel Name – Rohit Kumbharkar**

- HTML -CSS
<https://youtu.be/HSzsl-7RYs0>
- OOP(C++)
<https://youtu.be/A37nJ4YhmdY>
- Features of CPP(OOP)
https://youtu.be/Me3ps_P6vo8?si=VdqcGfGILC4FkJCs
- HTML -Text elements
<https://youtu.be/Y3nMZQ6uTwY>
- Creating a Table(HTML)
<https://youtu.be/tJFghx5Fa6A>
- HTML -Text formatting element Part 2
<https://youtu.be/rc843X-nTKM>
- Basic HTML Programming
<https://youtu.be/iVHFgdNdl04>





Google Classroom – Rohit kumbharkar

होम

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Classroom

होम कॅलेंडर

शिकवणे

- परीक्षण करण्यासाठी
- BCA -III 2023-24 BCA
- BSc-II 2023-24 CS
- BCA II 2023-24
- BCA -III 2022-23
- BCA -II 2022-23
- BCA -III 2021-22 DMDW
- B.Sc II Computer science
- BCA II

BCA -III 2023-24 BCA

BSc-II 2023-24 CS

BCA II 2023-24

BCA -III 2022-23

BCA -II 2022-23

BCA -III 2021-22 DMDW

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BCA II 2023-24 साठी वर्गपाठ

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परीक्षण करण्यासाठी
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BCA
BSc-II 2023-24
CS
BCA II 2023-24
BCA -III 2022-23
BCA -II 2022-23

स्ट्रीम वर्गपाठ लोक श्रेण्या

Unit No 1 1 १३ ऑगस्ट पोस्ट केले

Basic Concept of DS, DS Definition, Classification , operations etc.

unit no 1_DS.pdf
PDF

वर्गसंबंधी एक टिप्पणी

साहित्य पहा

Mr.Rohit kumbharkar

E- Notes :-

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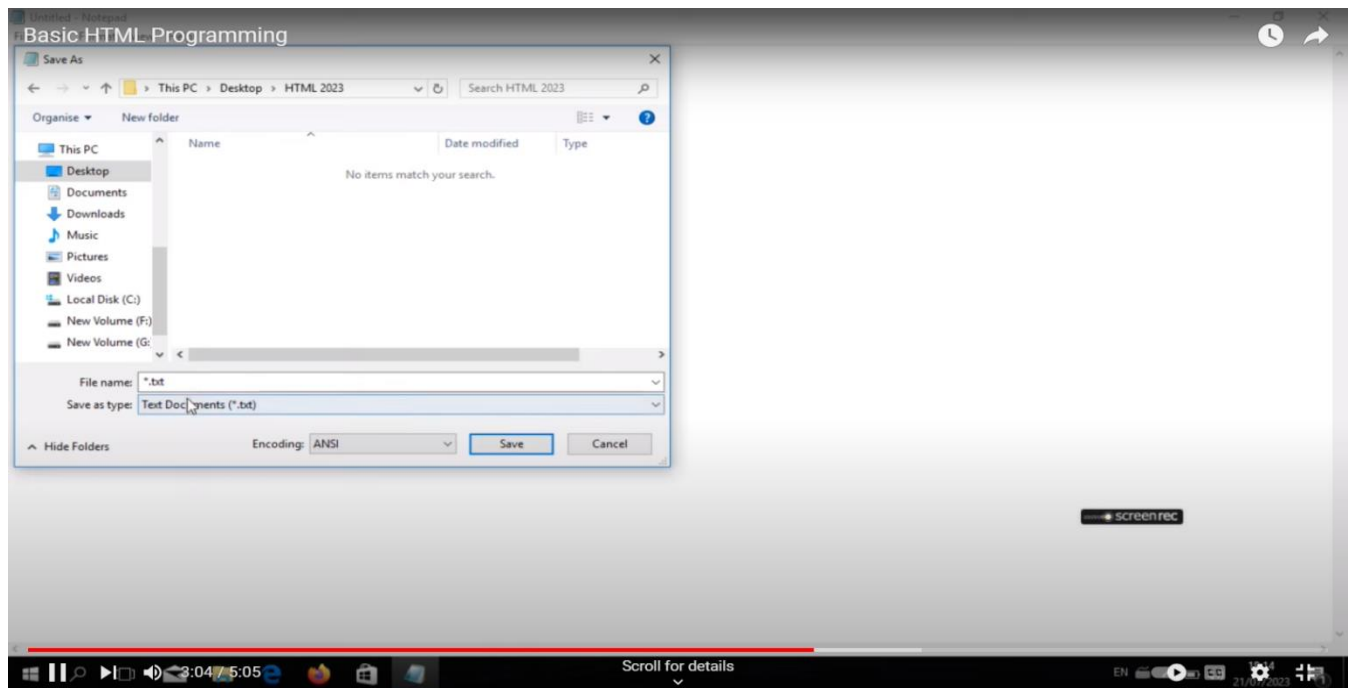
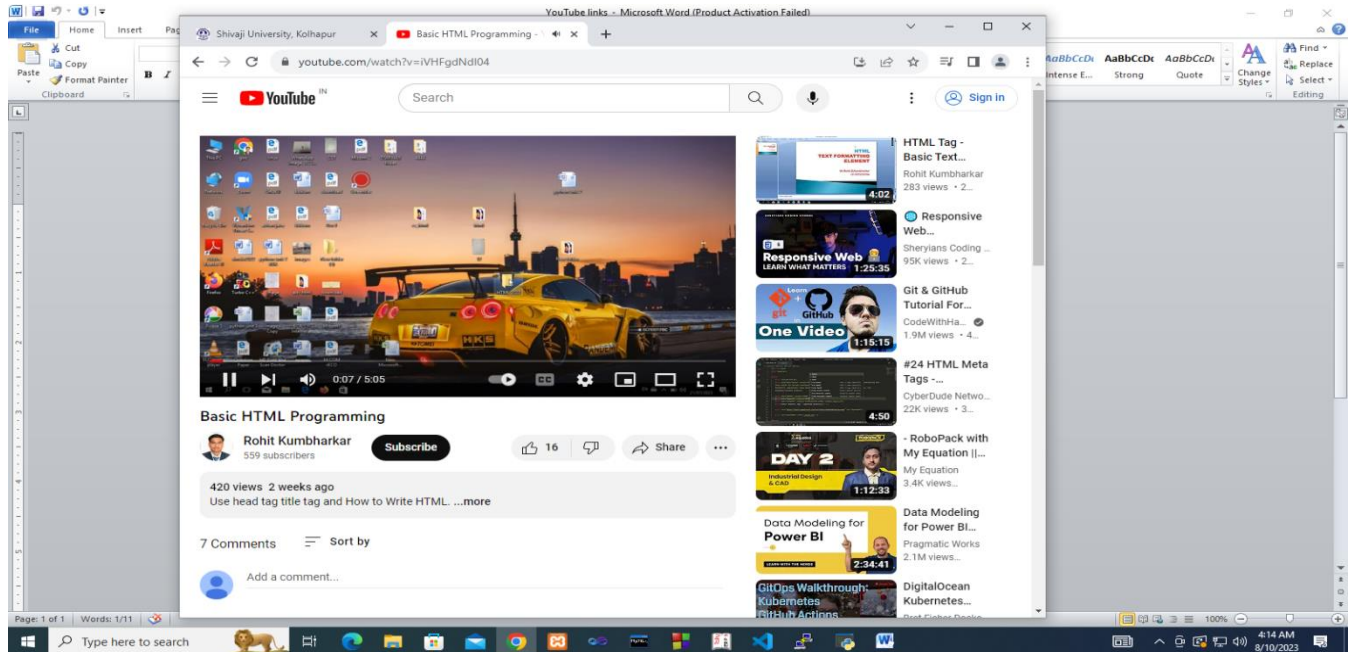
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Notes Python Unit No1

<https://rb.gy/zqchoq>

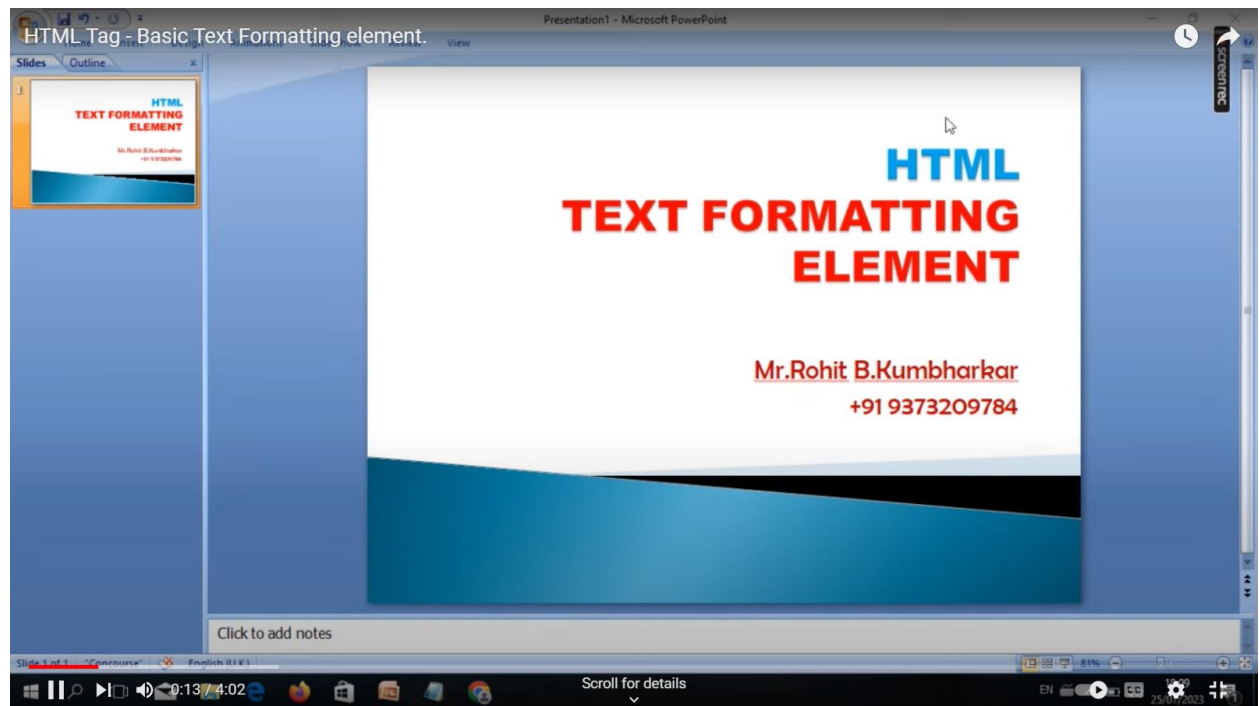
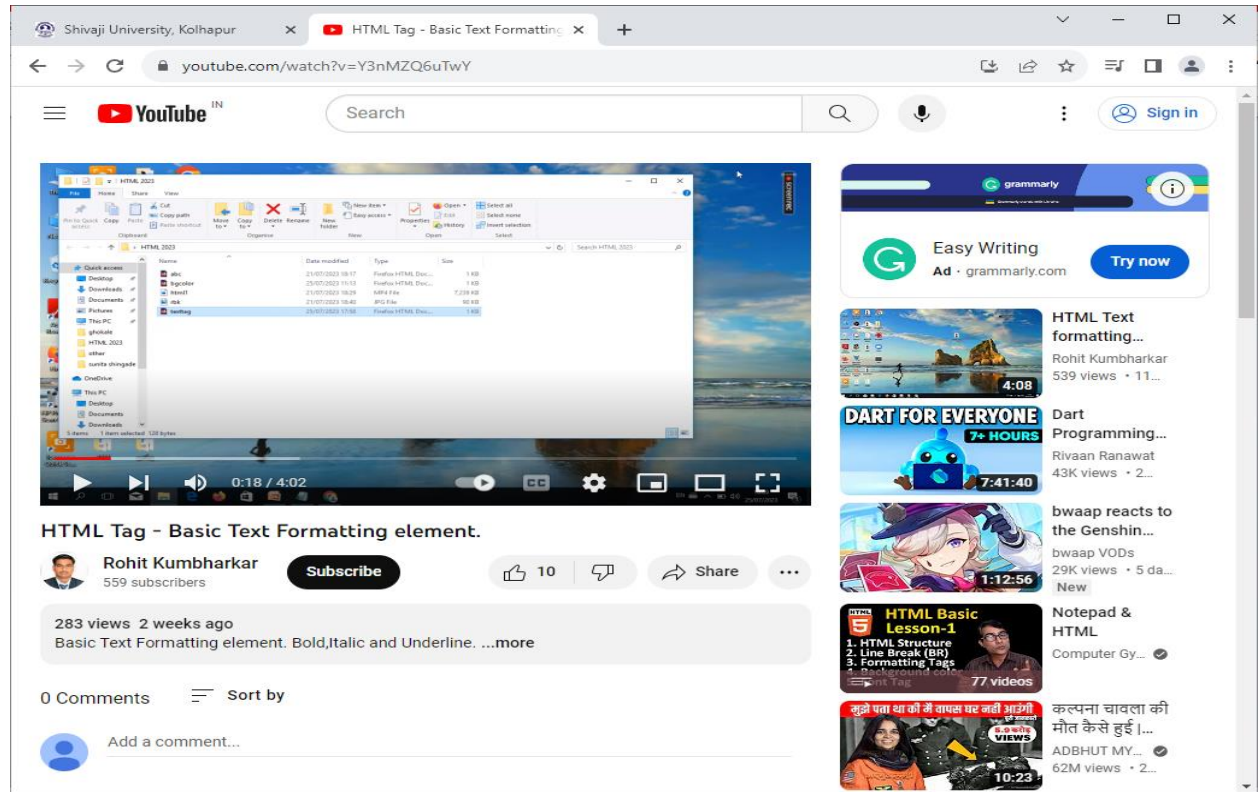
Notes Python Unit No.2

- Use of YouTube lectures by Mr. R. B. Kumbharkar-



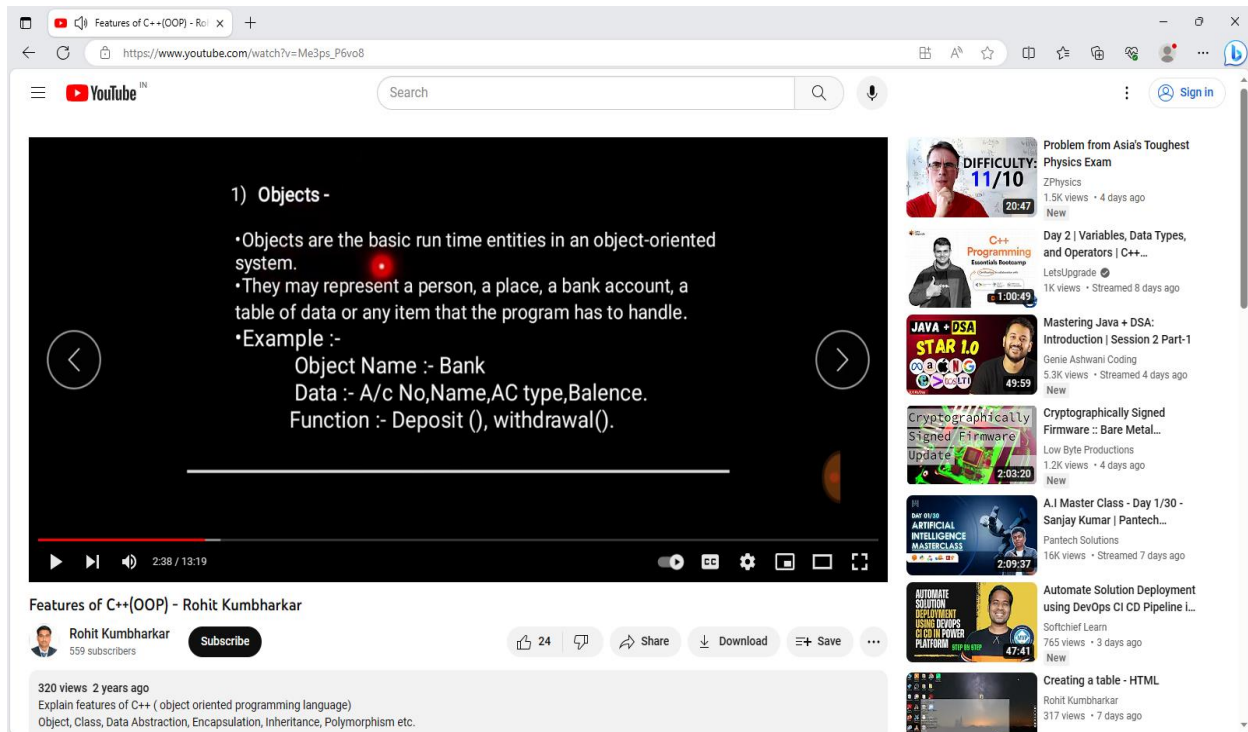
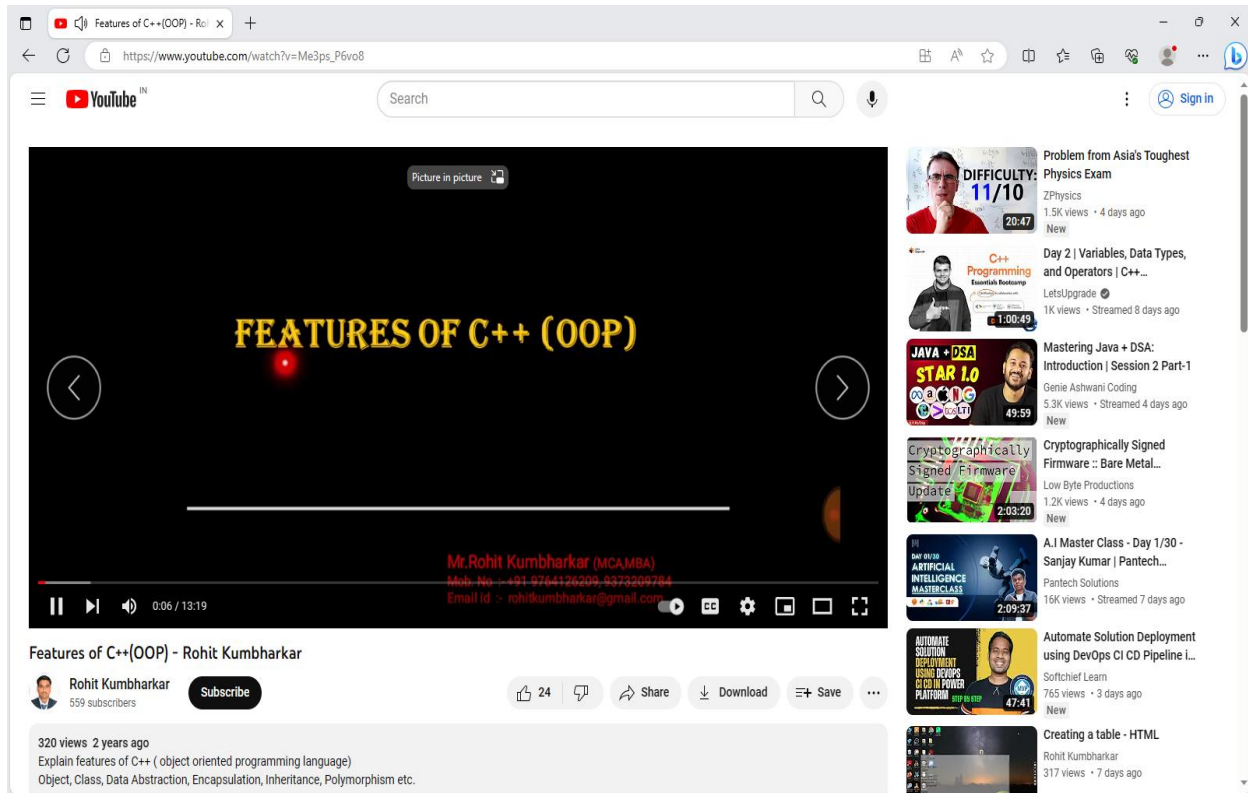
YouTube Link: - <https://youtu.be/iVHFgdNdl04>

- Use of YouTube lectures by Mr. R. B. Kumbharkar-



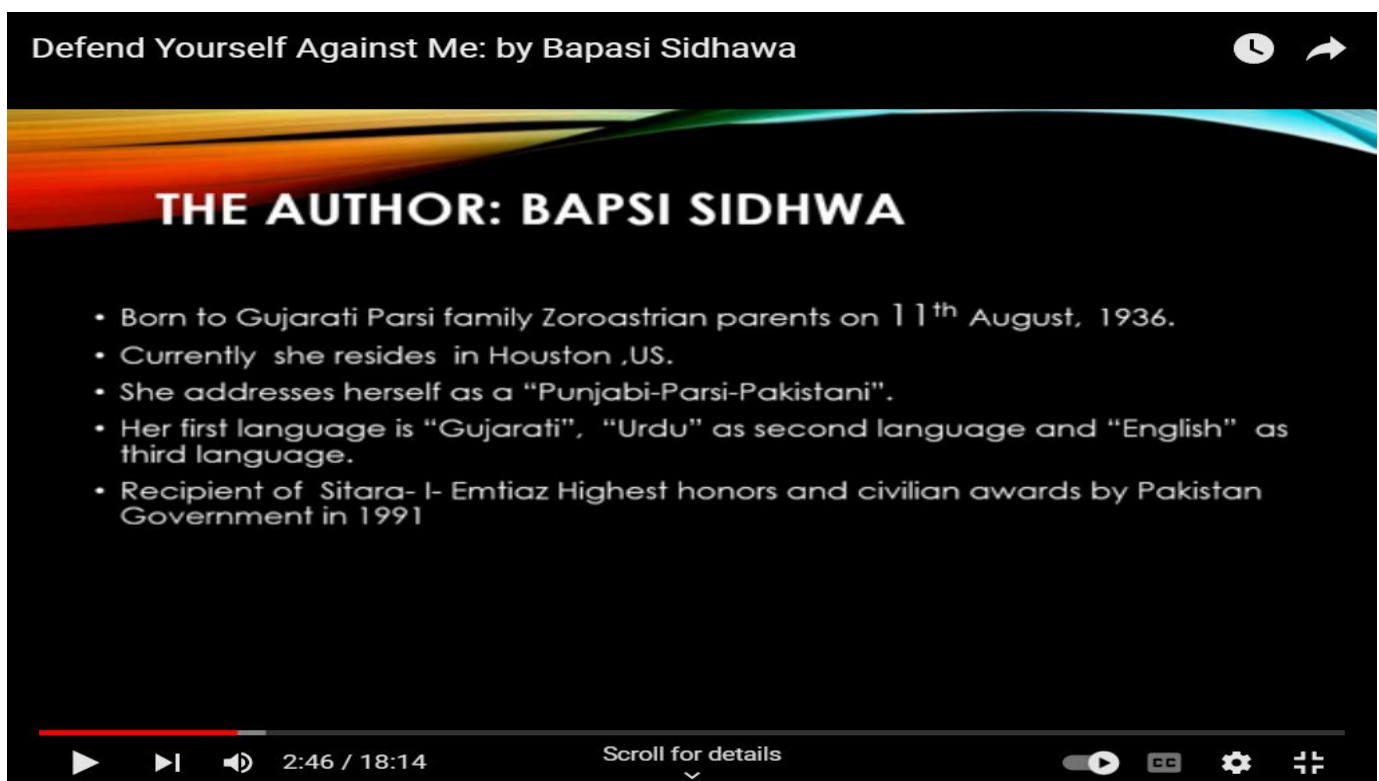
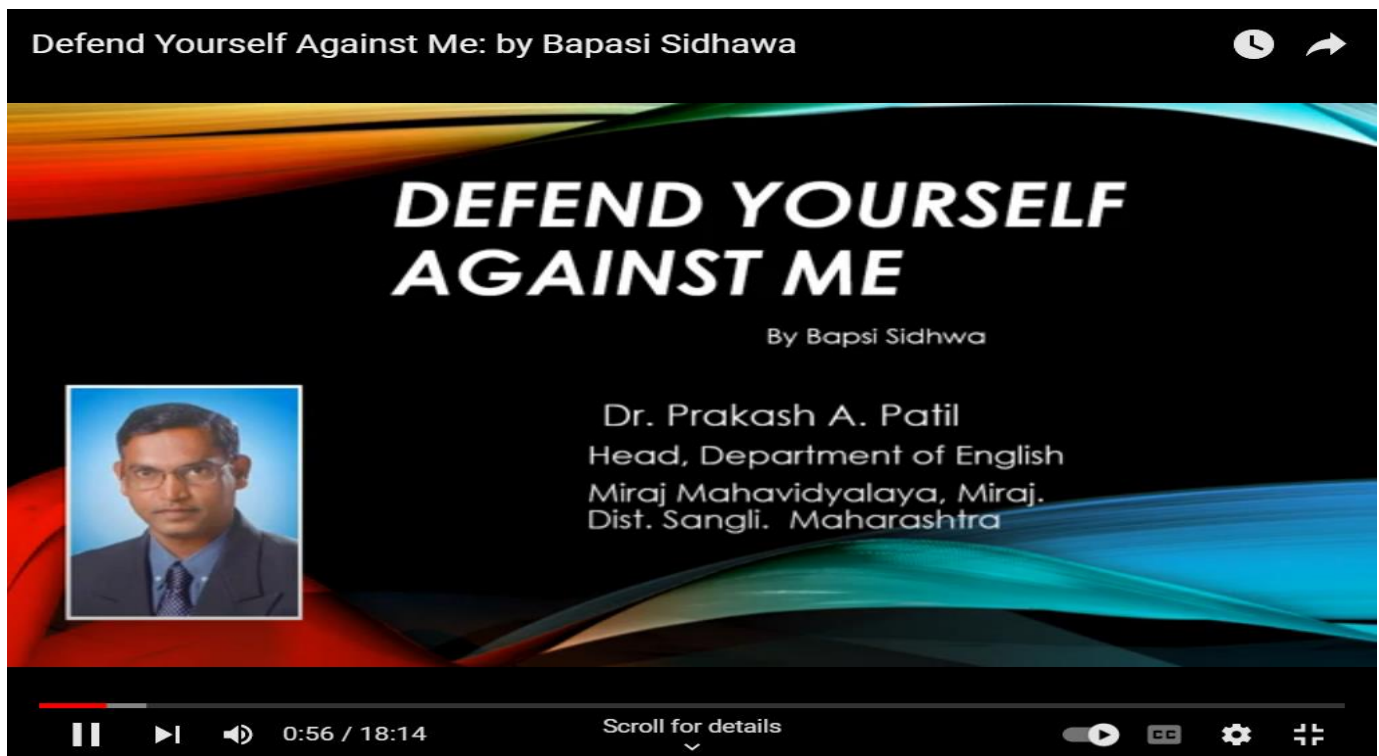
YouTube Link: - <https://youtu.be/Y3nMZQ6uTwY>

- **Features of C++(OOP) explained by faculty-**



YouTube Link: - https://youtu.be/Me3ps_P6vo8

- Use of YouTube lectures by Dr. Prof. P. A. Patil of Department of English-



YouTube Link:- <https://youtu.be/38oH5q3GXTM?si=SyU9SLxGro2JUmJh>

- Use of YouTube lectures by Dr. Prof. P. A. Patil of Department of English-

A_Leaf_in_the_storm_short_Story_by_Lalithambika

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A LEAF IN THE STORM

by Lalithambika Antharajanam



By,
Dr. Prakash Anna Patil
Head, Department of English
Miraj Mahavidyalaya, Miraj

0:10 / 12:30 Scroll for details

A_Leaf_in_the_storm_short_Story_by_Lalithambika

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About the Author

- Lalithambika Antharajanam:

- Indian author and social reformer.
- Born on 30th March 1909 in Punalpur (Kollam)
- Died on 06th February 1987
- Awards: Kerala Sahitya Akademi Award for Novel
- Novel: Agnisakshi (1976).
- Autobiography: Aathmakadhakkoru Aamukham.
- Awards: 1. Sahitya Akademi Award for Novel (1977)
2. Kerala Sahitya Akademi for Novel (1977)
3. Kerala Sahitya Akademi Fellowship



2:51 / 12:30 Scroll for details

YouTube Link:- <https://youtu.be/crdCLoV--ts?si=1cOhnCMU6aBSiJ0B>