

5.1.2 ICT AND COMPUTING SKILLS 2018-23

Teachers use information and communication technology to effectively teach the curriculum. The selected classrooms are equipped with wall-mounted projectors. The smartboard and laptops are available to teachers for instruction as needed. Teachers use various educational technologies to support instruction. In 2020-21, due to the limitations of COVID - 19, faculty primarily used online technologies such as YouTube, Google Meet, and Zoom to deliver regular lectures. Study materials are shared via Google Classroom. To supplement and encourage continuous internal assessment, various departments use KAHOOT software to conduct online quizzes. The college has subscribed to N-List (E-Journals E Books). The library is automated with the integrated library management system “Granthasoft”.









DEPARTMENT OF CHEMISTRY









The screenshot shows the YouTube channel page for 'V vigan' (@vvigan604). The channel has 132 subscribers and 48 videos. The page is set to 'Subscribed'. The navigation menu includes HOME, VIDEOS, PLAYLISTS, COMMUNITY, CHANNELS, and ABOUT. The video list is sorted by 'Latest'. Four video thumbnails are visible, each with a title, description, and view count:

- Types of Adsorption Isotherms II** (12:57, 68 views, 1 year ago)
- Transformation of Rectangular Coordinates to Spherical Polar...** (23:13, 82 views, 1 year ago)
- Angular momentum part 2/2 I** (17:53, 73 views, 1 year ago)
- Angular momentum operators part 1/2** (25:59, 109 views, 1 year ago)

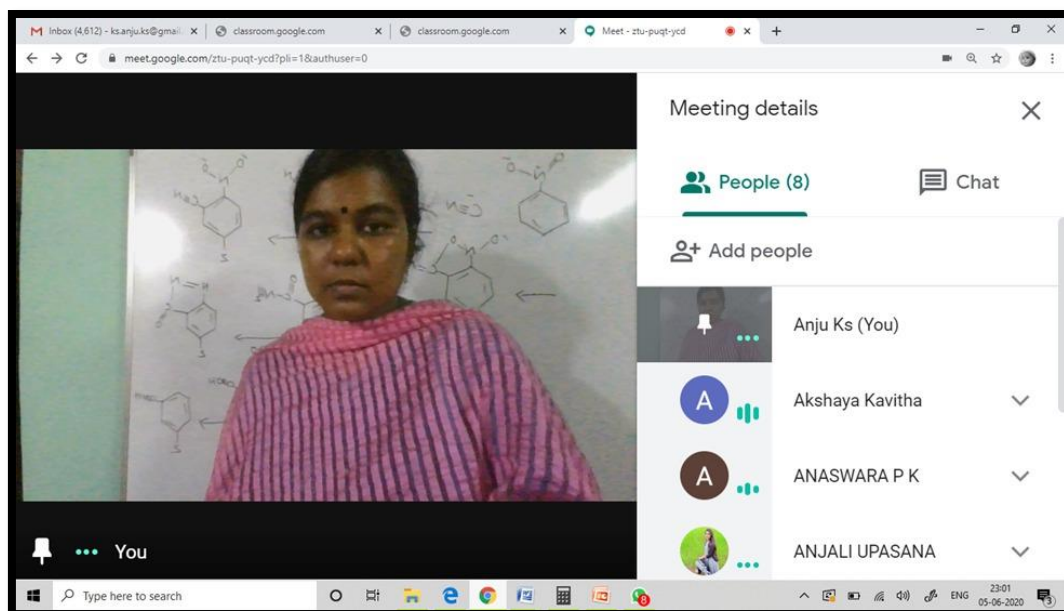
The screenshot shows a grid of chemistry lecture videos from the 'V vigan' channel. The videos are organized into two rows of four. Each video includes a title, description, and view count:

- Maxwell Boltzmann Distribution (Part 1)** (10:32, 101 views, 1 year ago)
- Properties of phenols (part I) I** (10:21, 124 views, 1 year ago)
- Preparation of phenols I** (8:04, 102 views, 1 year ago)
- SHO-1D (part 3)- Energy and plots of psi and psi square I** (12:55, 95 views, 1 year ago)
- Saytzeff and Hofmann elimination I** (15:59, 104 views, 2 years ago)
- Potential Energy Surface I** (9:33, 647 views, 2 years ago)
- Elimination - addition Mechanism- Benzyne intermediate I** (8:39, 116 views, 2 years ago)
- Addition of hydrogen halides to alkenes I** (17:24, 68 views, 2 years ago)

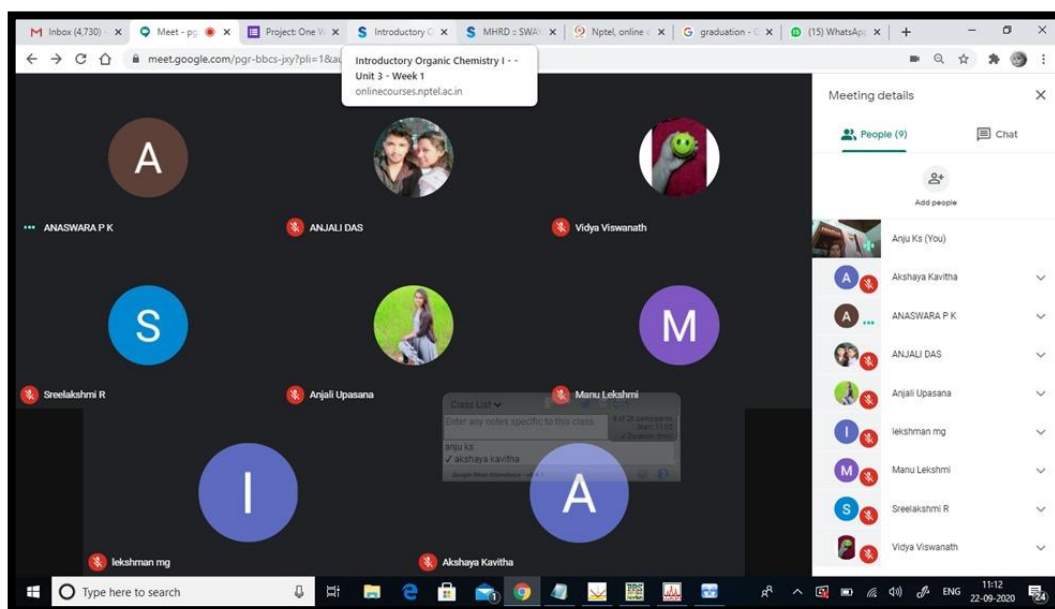
<p>B. Sc Chemistry Programme Semester IV (core course - 3) Credit - 3 Course Code: CH1441 Organic Chemistry - I Addition of halogens to alkenes</p> <p>Dr. Venu. S Assistant Professor Department of Chemistry S. N. College, Chengannur Alappuzha, Kerala</p>  <p>11:26</p> <p>Addition of halogens to alkenes I Dr.Venu. S I Vvigan</p> <p>87 views • 2 years ago</p>	<p>(Branch III) As per the revised syllabi under semester system w.e.f 2020 (UNIVERSITY OF KERALA) SEMESTER I CH 213 PHYSICAL CHEMISTRY I MODULE 1 QUANTUM CHEMISTRY I TOPIC 1.8 Vibrational motion: one-dimensional harmonic oscillator (PART 2)</p> <p>Dr. Venu. S Assistant Professor Department of Chemistry</p>  <p>26:30</p> <p>(Part 2) SHO-1D- Wave function, Hermite polynomial I Dr.Venu.S I...</p> <p>171 views • 2 years ago</p>	<p>B. Sc Chemistry Programme Semester IV (core course - 3) Credit - 3 Course Code: CH1441 Organic Chemistry - I Bimolecular Elimination (E2) Reactions</p> <p>Dr. Venu. S Assistant Professor Department of Chemistry S. N. College, Chengannur Alappuzha, Kerala</p>  <p>7:47</p> <p>Elimination Bimolecular (E2) Reactions I Dr.Venu.S I V vigan</p> <p>89 views • 2 years ago</p>	<p>(Branch III) As per the revised syllabi under semester system w.e.f 2020 (UNIVERSITY OF KERALA) SEMESTER I CH 213 PHYSICAL CHEMISTRY I MODULE 1 QUANTUM CHEMISTRY I TOPIC 1.8 Vibrational motion: one-dimensional harmonic oscillator (PART 1)</p> <p>Dr. Venu. S Assistant Professor Department of Chemistry</p>  <p>21:22</p> <p>(Part 1) SHO-1D (Simple Harmonic Oscillator-1D) I Dr.Venu.S I V vigan</p> <p>227 views • 2 years ago</p>
<p>B. Sc Chemistry Programme Semester IV (core course - 3) Credit - 3 Course Code: CH1441 Organic Chemistry - I Unimolecular Elimination (E1) Reactions</p> <p>Dr. Venu. S Assistant Professor Department of Chemistry S. N. College, Chengannur Alappuzha, Kerala</p>  <p>7:49</p> <p>Elimination Unimolecular (E1) Reactions I V vigan I Dr.Venu.S</p> <p>97 views • 2 years ago</p>	<p>B. Sc Chemistry Programme Semester IV (core course - 3) Credit - 3 Course Code: CH1441 Organic Chemistry - I Elimination Reactions: Introduction</p> <p>Dr. Venu. S Assistant Professor Department of Chemistry S. N. College, Chengannur Alappuzha, Kerala</p>  <p>4:35</p> <p>Introduction to Elimination Reactions I V vigan I Dr.Venu.S</p> <p>107 views • 2 years ago</p>	<p>B. Sc Chemistry Programme Semester IV (core course - 3) Credit - 3 Course Code: CH1441 Organic Chemistry - I Stereochemistry of Nucleophilic Substitution Reactions (Part 2/2)</p> <p>Dr. Venu. S Assistant Professor Department of Chemistry S. N. College, Chengannur Alappuzha, Kerala</p>  <p>17:37</p> <p>(Part 2/2) Stereochemistry of SN reactions- Walden Inversion I...</p> <p>173 views • 2 years ago</p>	<p>B. Sc Chemistry Programme Semester IV (core course - 3) Credit - 3 Course Code: CH1441 Organic Chemistry - I Stereochemistry of Nucleophilic Substitution Reactions (Part 1/2)</p> <p>Dr. Venu. S Assistant Professor Department of Chemistry S. N. College, Chengannur Alappuzha, Kerala</p>  <p>14:48</p> <p>(Part 1/2) Stereochemistry of SN reactions I Dr.Venu.S I V vigan</p> <p>123 views • 2 years ago</p>

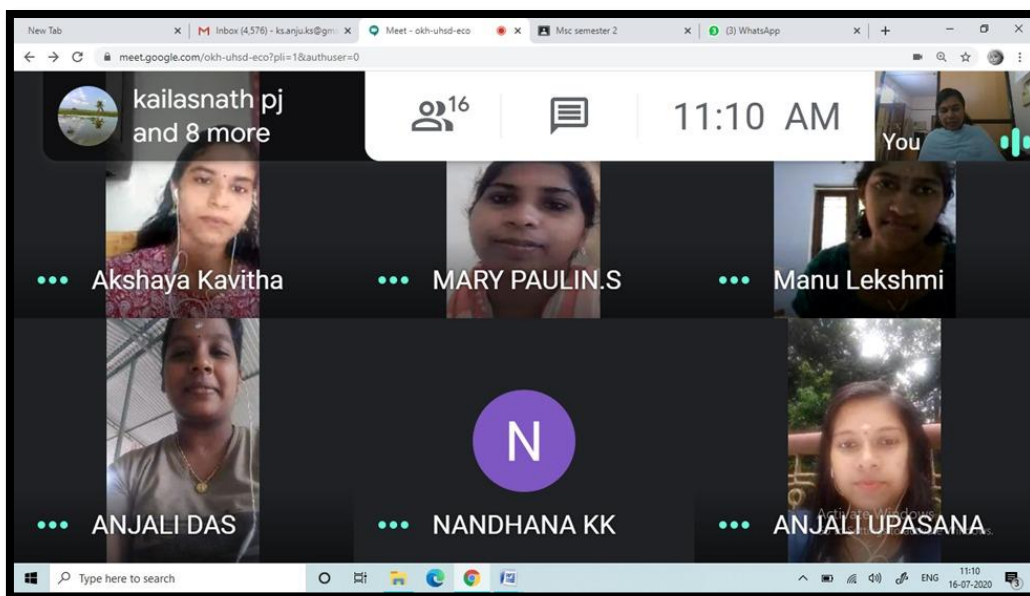
<p>B. Sc Chemistry Programme Semester IV (core course - 3) Credit - 3 Course Code: CH1441 Organic Chemistry - I Factors affecting SN1 and SN2 Reactions (Part 2 of 2)</p> <p>Dr. Venu. S Assistant Professor Department of Chemistry S. N. College, Chengannur Alappuzha, Kerala</p>  <p>20:59</p> <p>(Part 2/2)- Factors affecting SN Reactions I Dr.Venu.S I V vigan</p> <p>99 views • 2 years ago</p>	<p>B. Sc Chemistry Programme Semester IV (core course - 3) Credit - 3 Course Code: CH1441 Organic Chemistry - I Factors affecting SN1 and SN2 Reactions (Part 1 of 2)</p> <p>Dr. Venu. S Assistant Professor Department of Chemistry S. N. College, Chengannur Alappuzha, Kerala</p>  <p>17:35</p> <p>(Part 1/2) Factors affecting SN Reactions- Substrate, Nucleophile...</p> <p>148 views • 2 years ago</p>	<p>(Branch III) As per the revised syllabi under semester system w.e.f 2020 (UNIVERSITY OF KERALA) SEMESTER I CH 213 PHYSICAL CHEMISTRY I MODULE 1 QUANTUM CHEMISTRY I TOPIC 1.7 Quantum mechanical tunneling (Qualitative concept only)</p> <p>Dr. Venu. S Assistant Professor Department of Chemistry</p>  <p>15:01</p> <p>Quantum Tunneling I Vvigan I Dr.Venu.S</p> <p>166 views • 2 years ago</p>	<p>B. Sc Chemistry Programme Semester IV (core course - 3) Credit - 3 Course Code: CH1441 Organic Chemistry - I Aliphatic SN1 & SN2 Reactions</p> <p>Dr. Venu. S Assistant Professor Department of Chemistry S. N. College, Chengannur Alappuzha, Kerala</p>  <p>17:11</p> <p>Aliphatic SN1 and SN2 Reactions-Mechanism I V vigan I Venu.S</p> <p>218 views • 2 years ago</p>
<p>B. Sc Chemistry Programme Semester IV (core course - 3) Credit - 3 Course Code: CH1441 Organic Chemistry - I Pericyclic Reactions</p> <p>Dr. Venu. S Assistant Professor Department of Chemistry S. N. College, Chengannur Alappuzha, Kerala</p>  <p>27:43</p> <p>Pericyclic reactions</p> <p>756 views • 2 years ago</p>	<p>B. Sc Chemistry Programme Semester V (Core course VII) Course Code: CH1543 credit :4 Video 03:Comparison of acidity of phenols Organic Chemistry II</p> <p>Dr. Venu. S Assistant Professor Department of Chemistry S. N. College, Chengannur Alappuzha, Kerala</p>  <p>10:10</p> <p>Comparison of acidity of phenols Video 03 Organic chemistry II V...</p> <p>125 views • 2 years ago</p>	<p>B.Sc. Chemistry Programme Semester - V (Course V) Course Code - CH1541 Credit - 3 Physical chemistry-I Video 10 Mod. IV: Thermochemistry Part I</p> <p>Dr. Venu. S Assistant Professor Department of Chemistry</p>  <p>6:27</p> <p>Thermochemistry part 1 Video10 Vvigan Venu.S</p> <p>112 views • 2 years ago</p>	<p>B. Sc Chemistry Programme Semester V (Core course VII) Course Code: CH1543 credit :4 Video 02:Effect of substituents on the acidity of phenols Organic Chemistry II</p> <p>Dr. Venu. S Assistant Professor Department of Chemistry S. N. College, Chengannur Alappuzha, Kerala</p>  <p>9:56</p> <p>Effect of substituents on the acidity of phenol Video 02 Organic...</p> <p>92 views • 2 years ago</p>

You-Tube Videos by Dr Venu S



Online class by Dr Anju K S

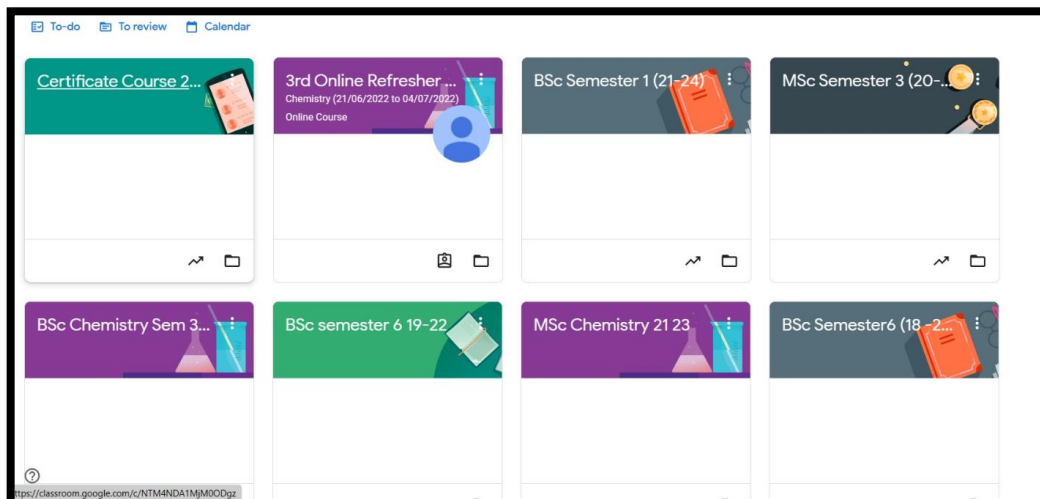
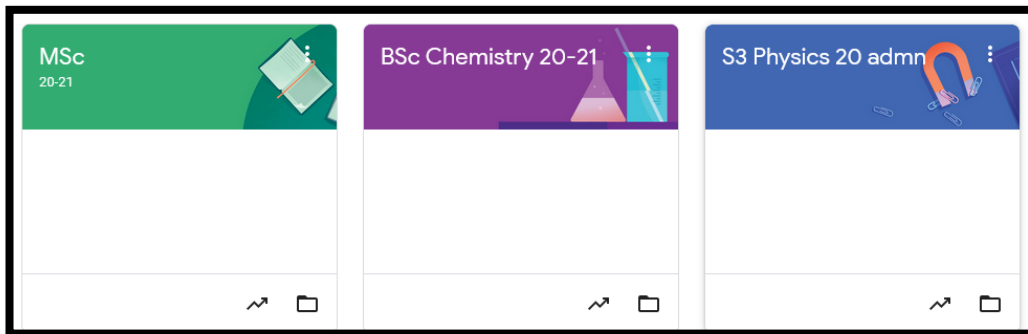
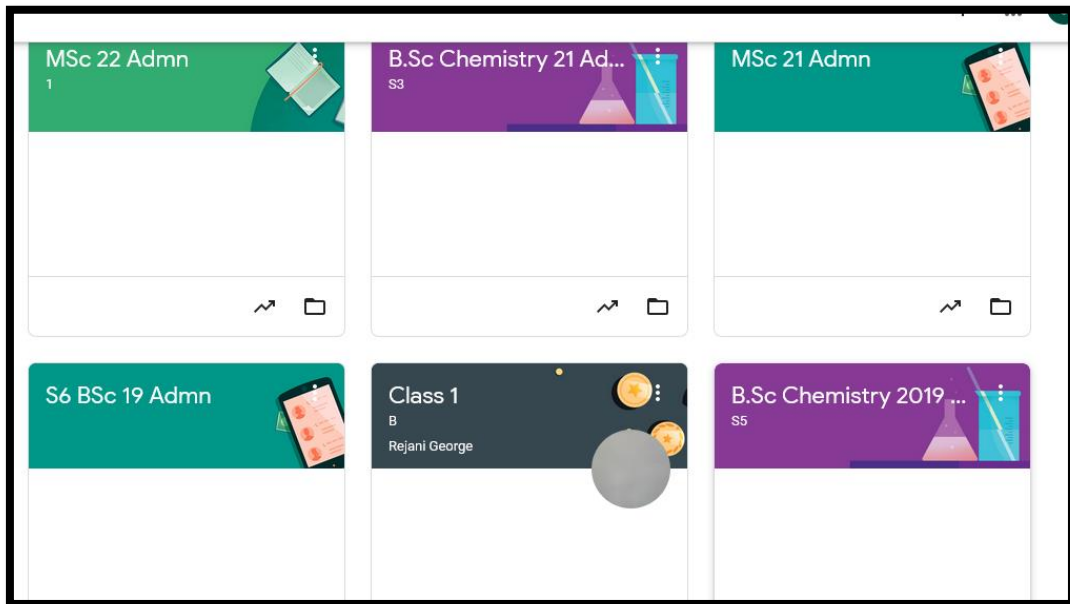




PowerPoint presentation by Dr. Ambily Chandran



Power point presentation by Ajay J Wills (M.Sc Student)



Google Classrooms

SREE NARAYANA COLLEGE CHENGANNUR

DEPARTMENT OF PHYSICS

ICT TOOLS USED

Google Classroom



To review Calendar

Poster Design Comp...
SN College

Open Course -Energ...

B Sc Chemistry
S3

BSc Mathematics
S3


III Sem Physics
1

VI Sem Physics
1

KS-Royal
A


To review Calendar

2021 MSc




[Up Arrow] [Folder Icon]

II sem BSc Physics




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V sem B.Sc Physics
2021-22



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II SEM Complementary




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MSc 2020



[Question Mark]

VI sem B.Sc.
B



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IV MSc
B



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To review Calendar

MSc S4 - Nuclear Phy...
Nuclear Fission



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S2 MSc Physics (2021...
Thermodynamics



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S2 BSc Chemistry an...
Entropy



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Open course- Energy...
Energy sources




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MSC S2
Waveguides



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BSc Physics Sem 2
Entropy



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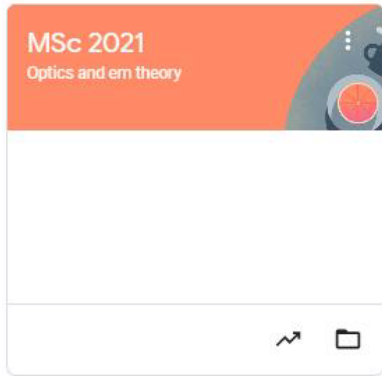
S5 BSc Physics
Research Methodology



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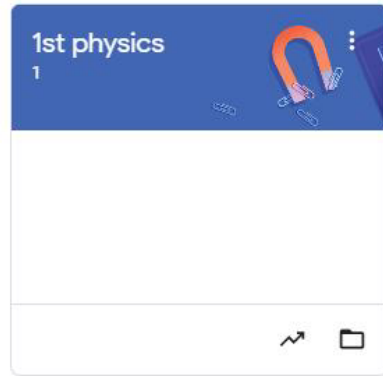
📁 To review 📅 Calendar

MSc 2021
Optics and em theory



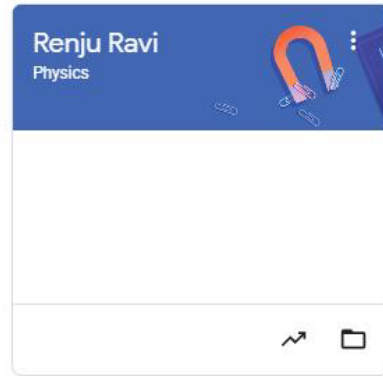
📈 📁

1st physics
1



📈 📁

Renju Ravi
Physics



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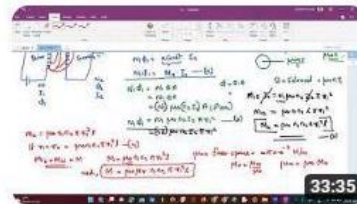
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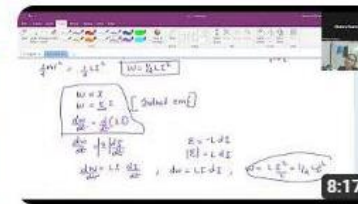
TEM image Analysis - Part 1

11 views • 5 days ago



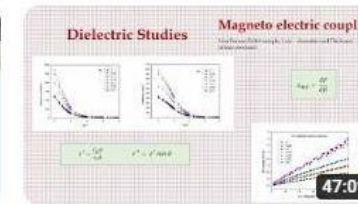
Mutual induction self induction problem

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Derivation in work in inductance

10 views • 1 month ago



Research training Dielectric properties and magneto electric...

49 views • 2 months ago



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11:06

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12 views • 1 year ago

ADIABATIC PROCESS

PY1241 -HEAT AND
THERMODYNAMICS

44:28

Adiabatic process

77 views • 1 year ago



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<input type="checkbox"/>  Isothermal Process Work done in an isothermal process and isothermal elasticity	Unlisted	Made for Kids	5 Jun 2021 Uploaded	28	0	100 5 li
<input type="checkbox"/>  Isothermal Process This video gives an overall idea on isothermal process	Unlisted	Made for Kids	3 Jun 2021 Uploaded	1	0	

Rows per page: 30 1-2 of 2



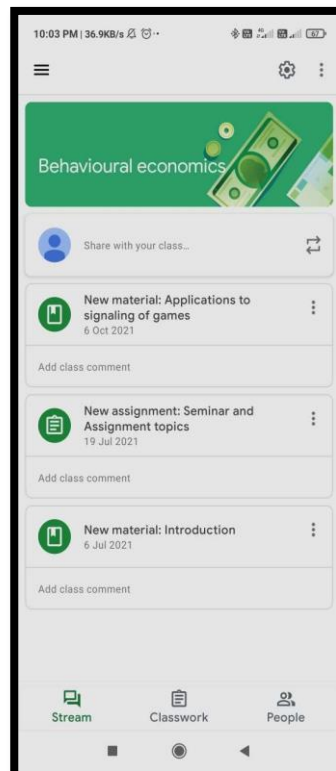
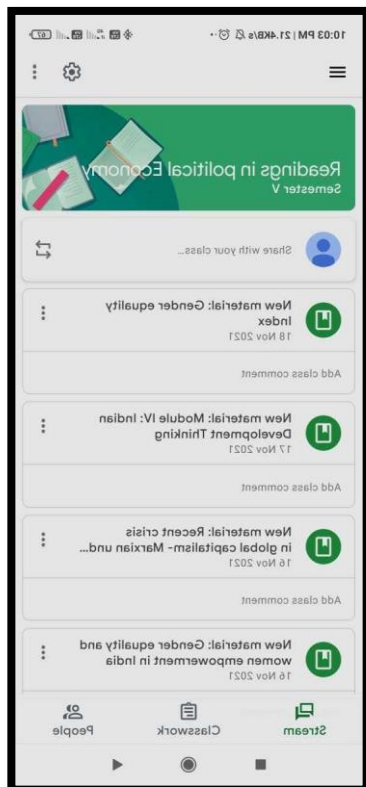
DEPARTMENT OF ECONOMICS

NAME OF THE TEACHER	PLATFORM	CLASS	TOPIC	ATTENDANCE
VANI JAYADEVAN	GOOGLE MEET	S5 B.A. ECONOMICS	A. K. Sen,s Capability approach	23/62
VANI JAYADEVAN	GOOGLE CLASS ROOM	S3 B. A.ECONOMICS	INFORMATICS	53/64
Sreedevi Gopalakrishnan	Google Class room	S5 BA Economics	Absolute Income Hypothesis	55/62
Sreedevi Gopalakrishnan	Google Classroom	S3 BA Economics	Macro Concepts continued	62/64
VANI JAYADEVAN	GOOGLE MEET	S3 BA ECONOMICS	INFLIBNET & NICNET	30/62
VANI JAYADEVAN	GOOGLE CLASSROOM	S5 BA ECONOMICS	BALANCED GROWTH THEORY	47/62
Sreedevi Gopalakrishnan	Google Meet	S5 BA Economics	Money	55/62
Sreedevi Gopalakrishnan	GoogleClass room	S5 Open Course	HRM	23/27
VANI JAYADEVAN	GOOGLE MEET	S5 BA ECONOMICS	A.K.SE's,CAPABILITY TY APPROACH	30/62
VANI JAYADEVAN	GOOGLE CLASSROOM	S3 BA ECONOMICS	MOOC's	53/64
Sreedevi Gopalakrishnan	Google Class room	S5 BA Economics	Test Paper on Money	55/62
Sreedevi Gopalakrishnan	Google Class room	S3 BA Economics	Economics for changing world	62/64
VANI JAYADEVAN	GOOGLE MEET	S3 BA ECONMICS	E-BOOKS ,BLOG,PODCAST	28/64
VANI JAYADEVAN	GOOGLE CLASSROOM	S5 BA ECONOMICS	CRITICAL MINIMUM EFFORT THESIS	47/62
Sreedevi Gopalakrishnan	Google Class room	S5 BA Economics	Public Debt	55/62
VANI JAYADEVAN	GOOGLE MEET	S5 BA ECONOMICS	BALANCED GROWTH STRATEGY	35/62
VANI JAYADEVAN	GOOGLE CLASSROOM	S3 BA ECONOMICS	ECONOMETRICS	53/64
Name of Faculty	Class	Mode of Class	Topic of Class	No.of Students presented
SHAMNA T C	S2MA	Google Meet	Introduction to Behavior Economics	3/4
SHAMNA T C	S5B A	Google Meet	Introduction to political economy	37/54
SHAMNA T C	S5B A	Google Classroom	Adamsmith theory of labour	31/54

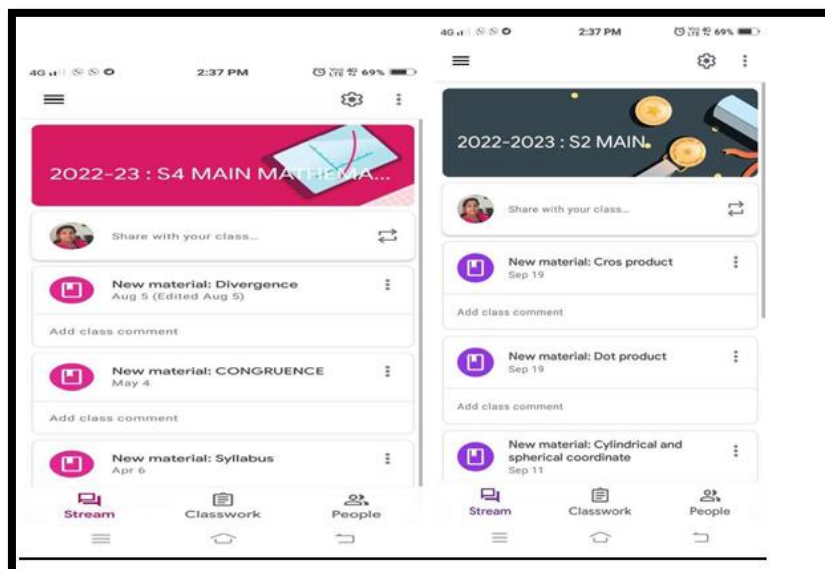
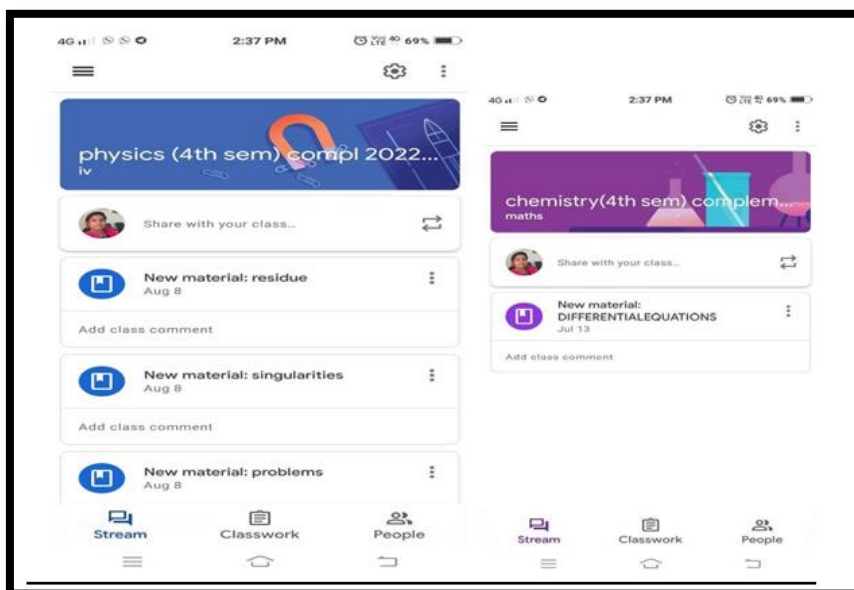
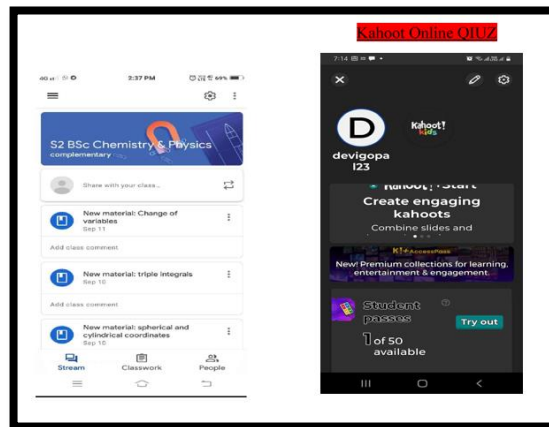
SHAMNA T C	S2MA	Google Meet	What is behavioural	3/4
SHAMNA T C	S5B A	Google Meet	Discussion on classical ideas	41/54
SHAMNA T C	S2MA	Google Meet	History and Evolution of Behavioural Economics	3/4
SHAMNA T C	S5B A	Google Meet	Adamsmith theory of labour	27 /54
SHAMNA T C	S2MA	Google Meet	Behavioural Economics with other disciplines	3/4
SHAMNA T C	S5B A	Google Meet	Ricardo theory on rent	31/54
SHAMNA T C	S2MA	Google Meet	Objectives and scope of Behavioural Economics	3/4
SHAMNA T C	S5B A	Google Meet	Ricardo theory on rent	35/54
SHAMNA T C	S2MA	Google Meet	Methodology of behavioural economics	3/4
SHAMNA T C	S5B A	Google Meet	Marx CMC and MCM	35/54
SHAMNA T C	S2MA	Google Meet	Prospect theory	3/4
SHAMNA T C	S5B A	Google Meet	Discussion on the objectives questions on Module	29/54
SHAMNA T C	S2MA	Google Meet	Mental accounting theory	3/4
SHAMNA T C	S5B A	Google Classroom	Marx CMC and MCM	29/54
SHAMNA T C	S2MA	Google Meet	Heuristics and biases	3/4
SHAMNA T C	S2MA	Google Meet	Heuristics and biases	3/4
SHAMNA T C	S2MA	Google Meet	Projection biases	3/4
SHAMNA T C	S2MA	Google Meet	Reference dependence	3/4
SHAMNA T C	S2MA	Google Meet	Anticipation and information	3/4
SHAMNA T C	S2MA	Google Meet	Information avoidance	3/4
SHAMNA T C	S2MA	Google Meet	Information avoidance	3/4
SHAMNA T C	S2MA	Whatsapp	Class Test	3/4
SHAMNA T C	S2MA	Google Meet	Preferences	3/4
SHAMNA T C	S2MA	Google Meet	Introduction to Nudge and happiness	3/4
SHAMNA T C	S2MA	Google Meet	Libertarian paternalism	3/4
JYOTHISHS	S2MA	Google Meet	Choice architecture	3/4
JYOTHISHS	S2MA	Google Meet	Value action gap theory	3/4
JYOTHISHS	S5B A	Google Meet	Perspectives of Adam Smith on political economy	19/54

JYOTHISHS	S5B A	Google Meet	Perspcetives of J M K	11/54
JYOTHISHS	S2MA	Google Classroom	Fallacies and biases	3/4
JYOTHISHS	S2MA	Google Meet	Types of nudges	3/4
JYOTHISHS	S5B A	Google Meet	Introduction to inetr	15 /54
JYOTHISHS	S5B A	Google Classroom	Trade as an engine o	22 /54
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JYOTHISHS	S5B A	Google Meet	Mercantilism	16 /54
JYOTHISHS	S2MA	Google Meet	Spotlight effect	3/4
JYOTHISHS	S5B A	Google Meet	Mecantilism	11/54
JYOTHISHS	S2MA	Whatsapp	Class Test	3/4
JYOTHISHS	S5B A	Google Classroom	Mercantilism	16 /54
JYOTHISHS	S2MA	Google Meet	Assignment discussio	3/4
JYOTHISHS	S5B A	Google Meet	Physiocrats	15 /54

Google Classrooms



DEPARTMENT OF MATHEMATICS



5.1.2 COMPUTING SKILLS

1. CERTIFICATE COURSE IN TALLY –ERP 9

Tally is accounting software that is very much useful in making calculations in small and midlevel businesses. It usually stands for Transactions Allowed in a Linear Line Yards. One can do all the Banking, Auditing and Accounting Works using this software. Tally's accounting features permit one to record business transactions instantly and easily. Record transactions necessary for your business by creating and maintaining vouchers, masters and generating reports. It helps to manage all the major accounting operations in your business. The Certificate Course in Tally – ERP-9 offered in our college gives a comprehensive study of basic functionalities of finance and accounts. It is a 2-months PSC approved certificate-level course that encompasses all critical aspects of an organization, including payroll, inventory, manufacturing and banking to name a few. The course was introduced on: 07/02/2022 and 24 students enrolled for same.



G-TEC Faculty delivering Class on Tally



Tally-Practical Session

2. ONE DAY WORKSHOP ON DATA SCIENCE USING R AND PYTHON. 30-08-2022

Department of Economics organized a workshop on Data Science using R and Python on 30th August 2022. Dr. Sreeraj M Associate Professor, Department of Computer Science, Sree Ayyappa College, Chengannur was the resource person. A total of 20 students were enrolled and successfully completed the same.

SREE NARAYANA COLLEGE CHENGANNUR
GOVT AIDED COLLEGE AFFILIATED TO THE UNIVERSITY OF KERALA
(NAAC ACCREDITED WITH GRADE B)

DEPARTMENT OF ECONOMICS

workshop on
*Data Science using R
& Python*

Dr. Sreeraj M
Assistant Professor
Dept of Computer Science
Sree Ayyappa College
chengannur

30-08-2022 @ 10 AM
TUESDAY

Hands on Training

PRINCIPAL, SNCC:
DR SHIREEN K

HO, DEPARTMENT OF
ECONOMICS, SNCC:
SMT. SHREENI GOPALAKRISHNAN



3. CERTIFICATE COURSE ON DATA ANALYSIS USING PYTHON SOFTWARE

Department of Mathematics, Sree Narayana College Chengannur was organised a Certificate course on Data analysis using python software. Mr. Ajay was the resource person and a total of twenty students (ten students each from Department of Mathematics and Department of Economics) were enrolled and successfully completed the same.