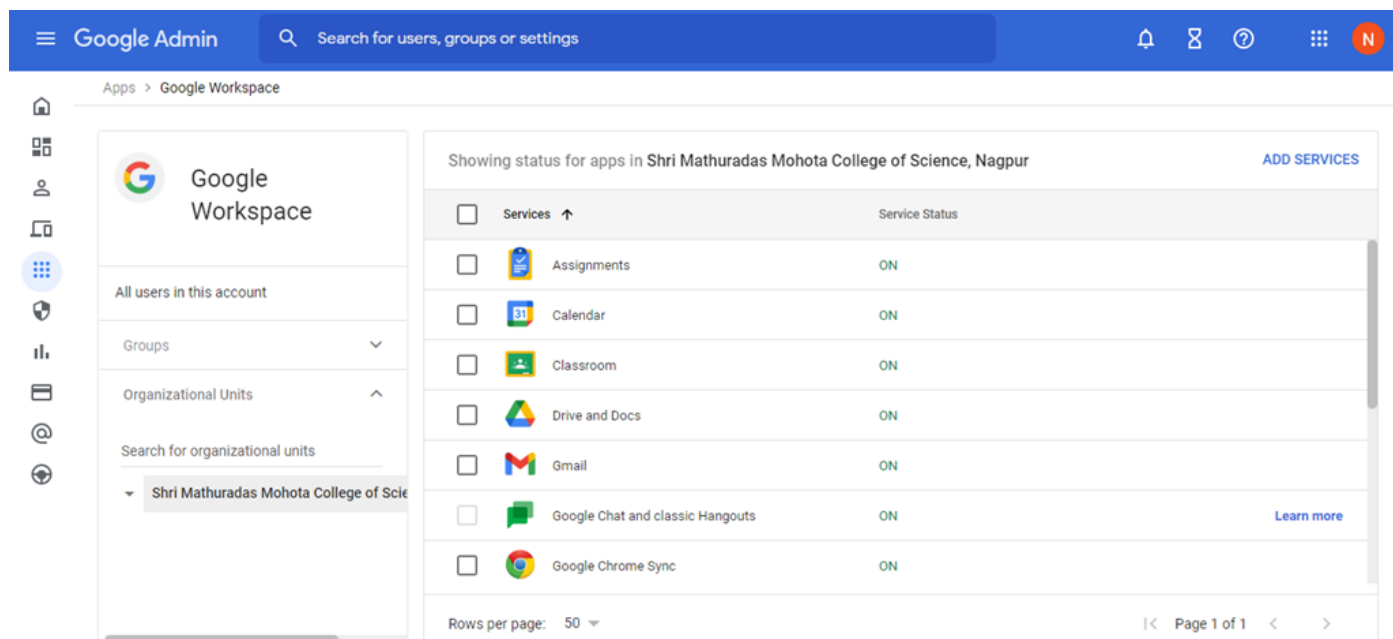


2.3.2. USE of LMS, ICT and e-resources

The institution used following LMS during the academic year 2020-21.

G Suite/ Workspace



The institution used following ICT tools and e-resources during the academic year 2020-21.

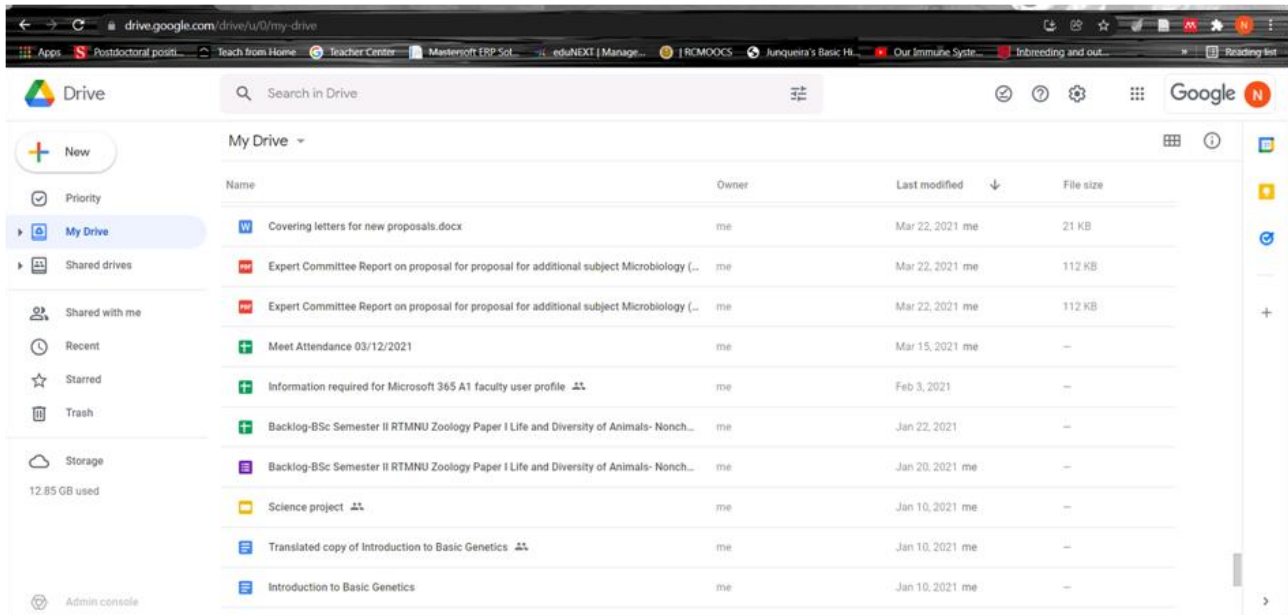
- Laptop
- LCD projectors
- Pentablet
- Internet facility
- Computers with LAN internet facility
- Wi-Fi enabled campus
- Smart Boards
- CDs
- YouTube videos
- Examination portal by MasterSoft Cloud
- Quizizz, Google Forms for conduction of quizzes/ examinations
- Campus App
- WhatsApp
- Edurite tools
- Google Drive
- Google Calendar
- Google Classroom
- Google Forms
- Google Meet
- Google Sheets
- Google Docs
- Jamboard
- Extensions for recording attendance
- Zoom meetings
- Microsoft Teams
- Microsoft Office Word
- Microsoft Office Excel
- Microsoft Office PowerPoint
- Turbo C++ software
- Circuit maker software

The institution used following e-resources and techniques during the academic year 2020-21.

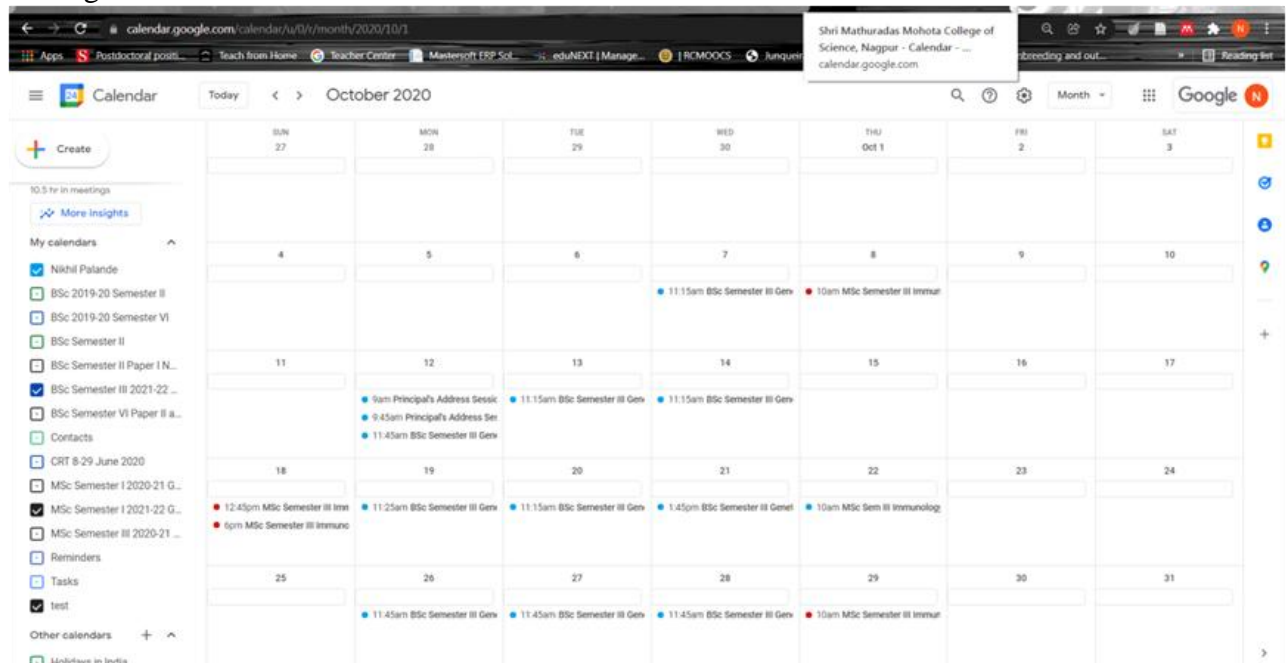
- Internet facility
- PowerPoint presentations self created or from online resource databases like SlideShare, etc.
- e-journals
- INFLIBNET N-list
- Open source journals
- e reference books (open source)
- Open source books
- Open access animations
- Bioinformatics databases and tools
- e-flora
- Multimedia resources like YouTube
- e-dictionaries
- Geology glossary
- e-atlas
- Course materials from other MOOCs

ICT tools and e-resources (The ICT tools were optimally used with the help of MS Office applications)

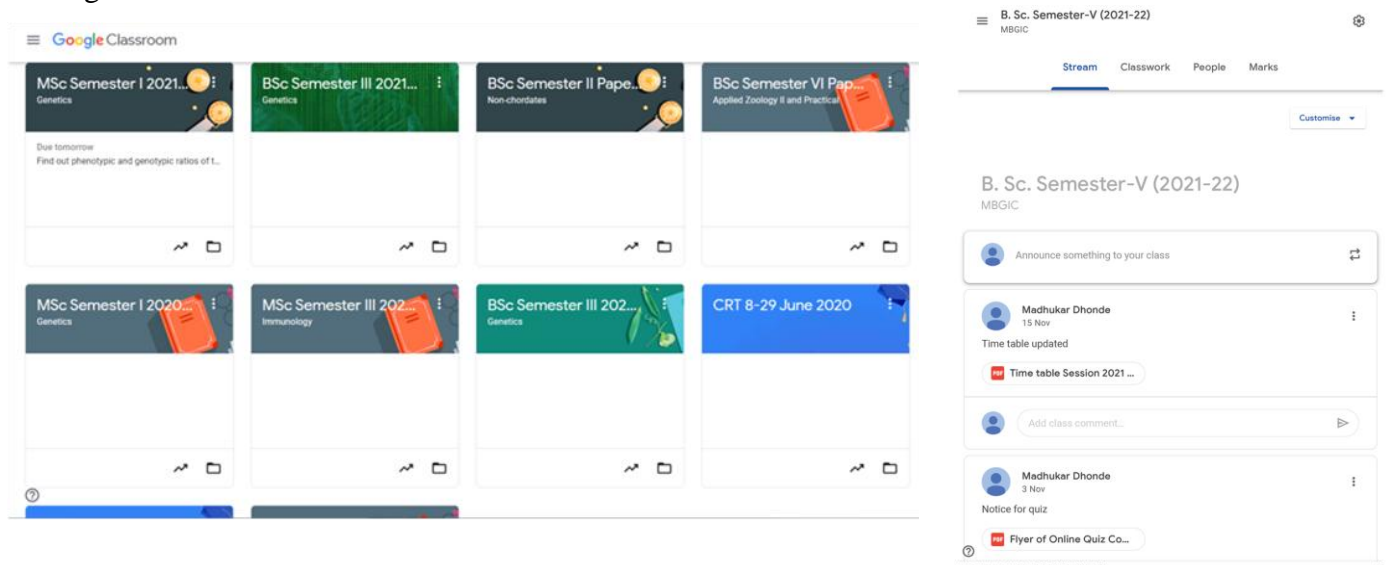
- Google Drive



- Google Calendar



- Google Classroom



Google Form

BSc Sem- IV Electrochemistry

Questions Responses 217 Settings Total points: 20

SHRI MATHURADAS MOHOTA COLLEGE OF SCIENCE, NAGPUR

DEPARTMENT OF CHEMISTRY

B.Sc. semester IV
SUBJECT- Physical CHEMISTRY
Date- 22/07/2021
TOTAL MARKS- 20

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B.Sc. Sem 3 2020-21 - Google x Test on Unit 3 on 27.03.2021 x B.Sc. Semester III 2020-21 B... x 2.3.1 Use of ICT for effective x New Tab x

docs.google.com/forms/d/1SwWB2jucIk3-DzbY4xbVraoxb3vq48Yuxd2LnRjQpg/edit

Apps Calendar Meet Classroom Plant Life: Endoplas... Planboard | Chalk The cell. 6. Non ves... Flowers in Ultra-Vio... Merge PDF - Comb... Other bookmarks Reading list

Test on Unit 3 on 27.03.2021

Questions Responses Settings Total points: 4

Test on Unit 3 on 27.03.2021

This test has been created by Ms. S. D. Khalatkar, Department of Botany, Shri Mathuradas Mohota College of Science, Nagpur.

This is the third unit test. The marks of the same will be considered for internal assessment. Kindly attempt the test only once. If the test is attempted multiple times, only the first response will be accepted.

The test is for 30 marks and the time allotted is 30 minutes.

Best Luck.

Email *

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Full Name of the student

Short answer text

Forms

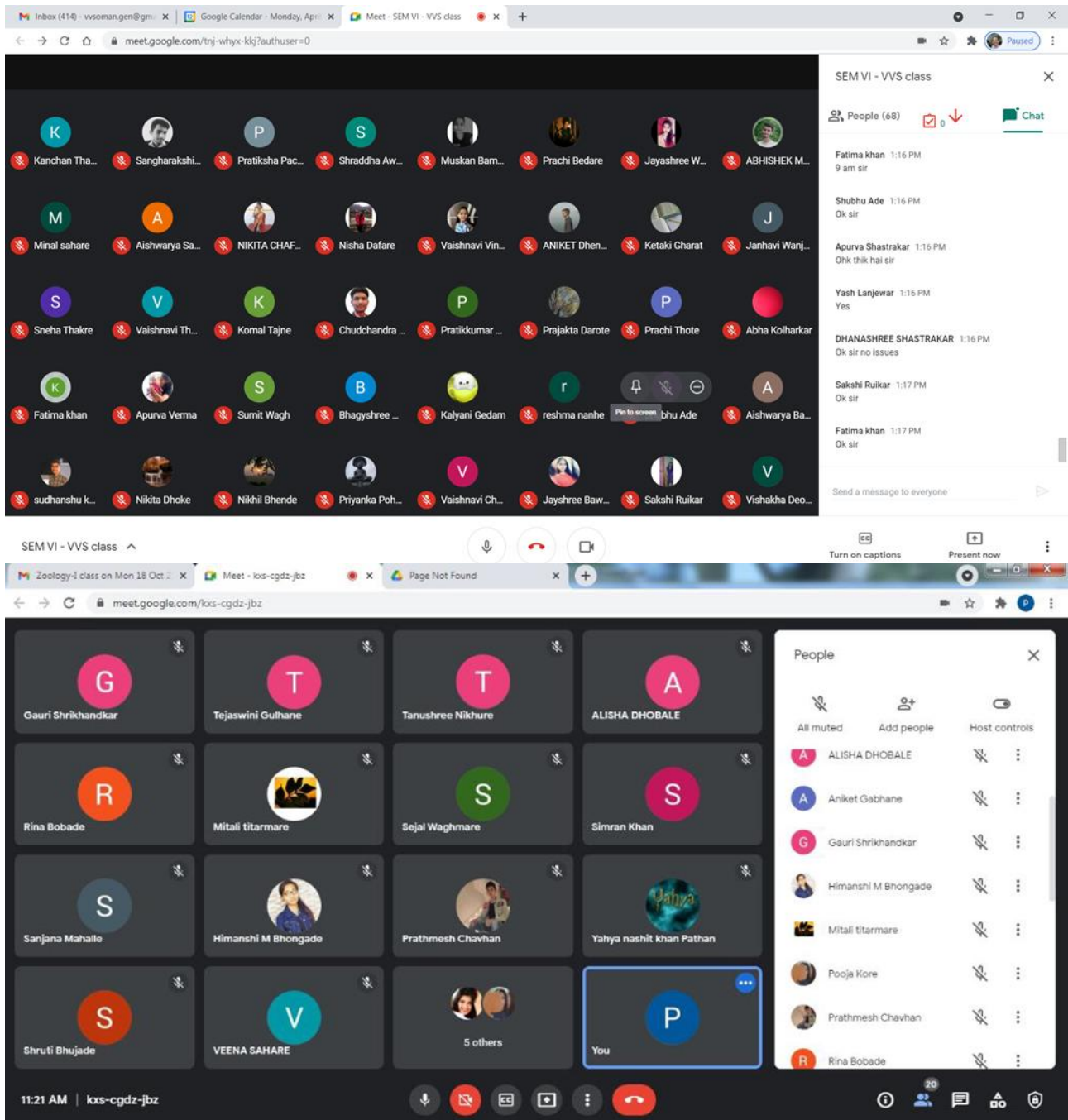
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| Contact Information of Students of MSc Sem I 2021-22 | me | Oct 22, 2021 |
| Contact Information of Students of MSc Sem I 2020-21 | me | Oct 22, 2021 |
| Contact Information of Students of BSc Sem I 2021-22 | me | Oct 21, 2021 |
| Form for feedback on the guest lecture on 'Organ Donation' by Dr. Vibhaw... | me | Oct 13, 2021 |
| Papers published in International and National Conference Proceedings du... | me | Oct 7, 2021 |
| Feedback Form for World Wildlife Day 2021 Talk | Shamali Khalatkar | Sep 21, 2021 |
| RTMNU BSc Semester IV Zoology Practical Examination Winter 2020 (For e... | me | Sep 14, 2021 |
| Contact Information of Students of BSc Sem III 2021-22 | me | Sep 3, 2021 |
| Contact Information of Students of BSc Sem II 2020-21 | me | Sep 2, 2021 |
| Backlog- RTMNU BSc Semester III Zoology Practical Examination Summer ... | me | Aug 31, 2021 |
| Backlog-BSc Semester III RTMNU Zoology Paper II (Genetics) Theory Exam... | me | Aug 14, 2021 |

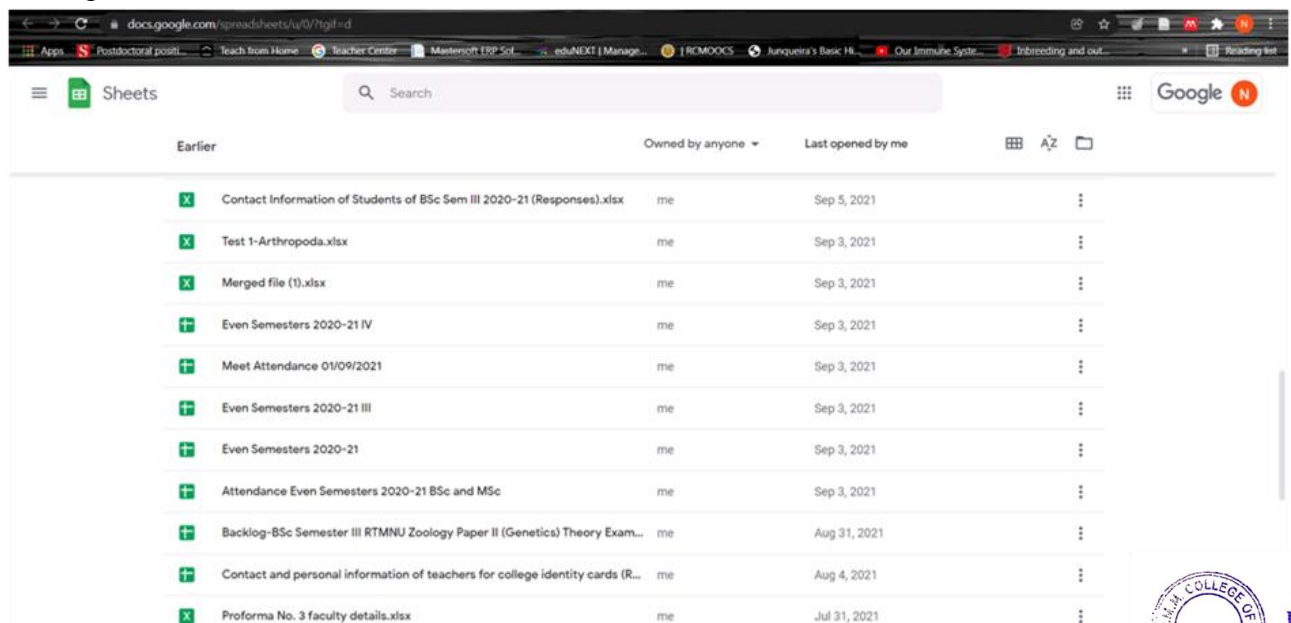


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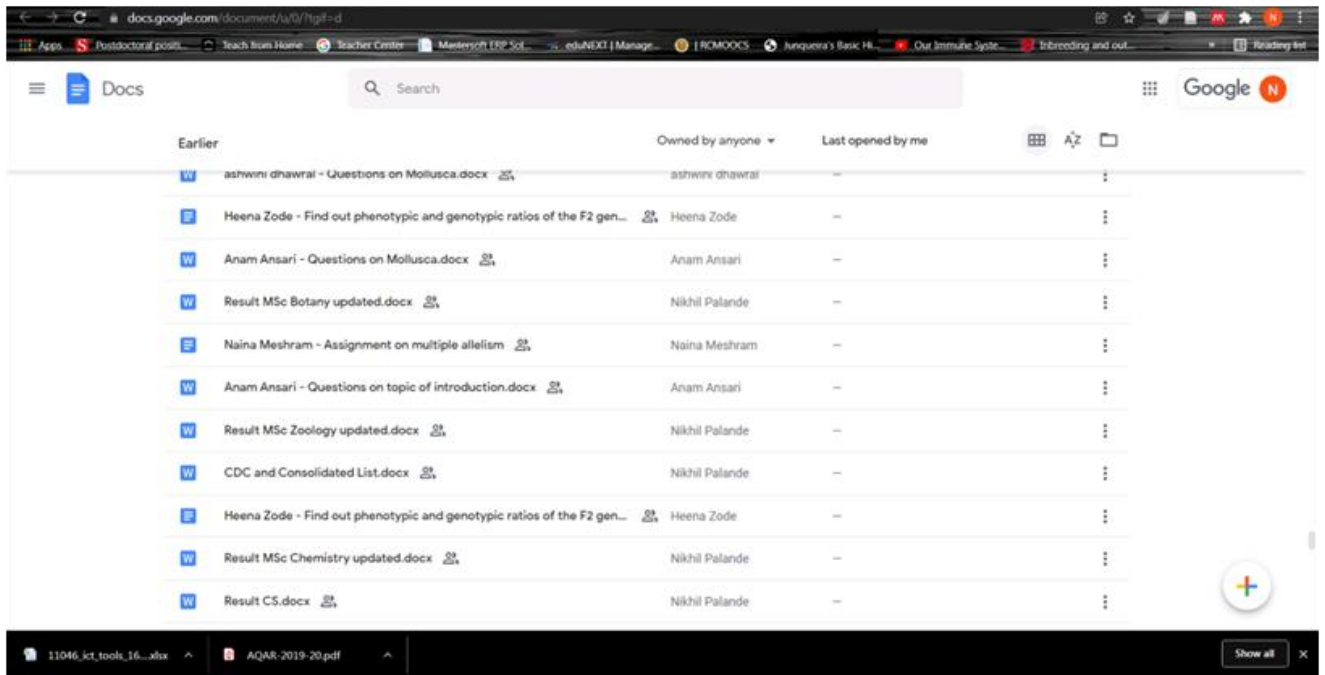
- Google Meet



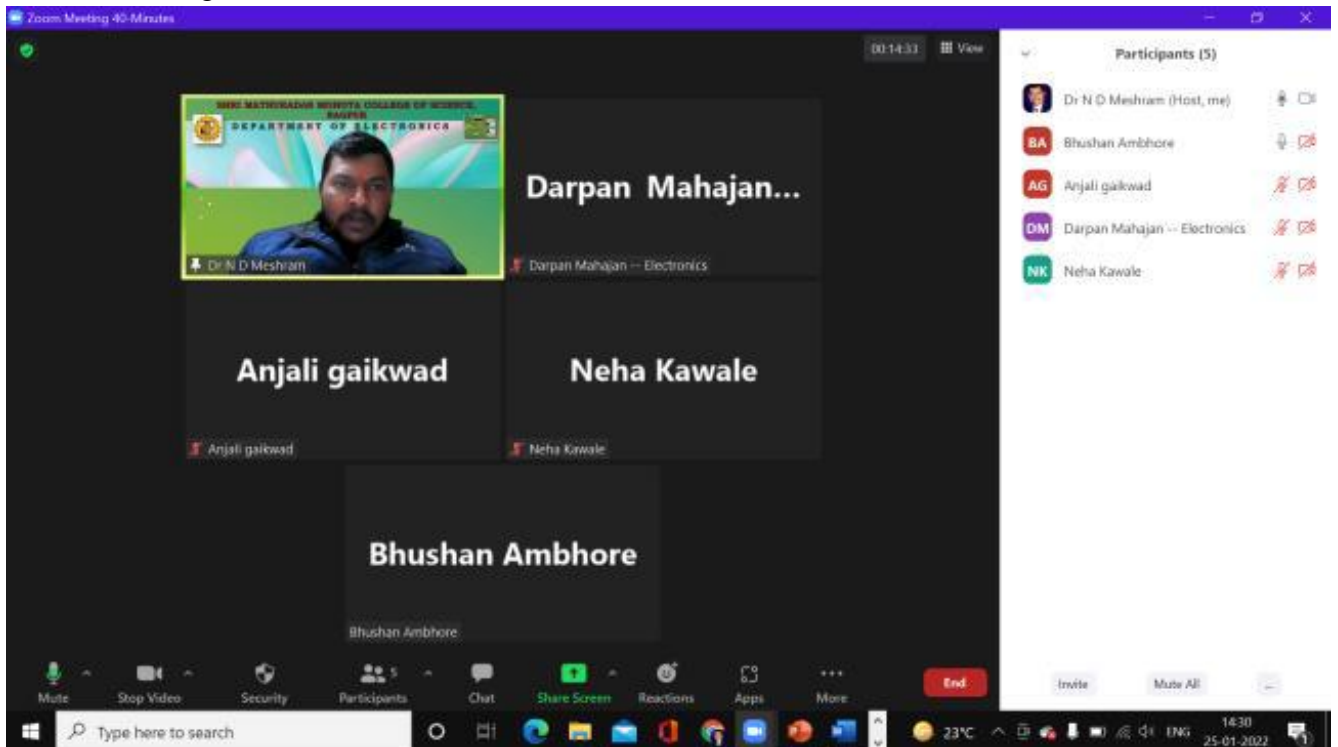
- Google Sheets



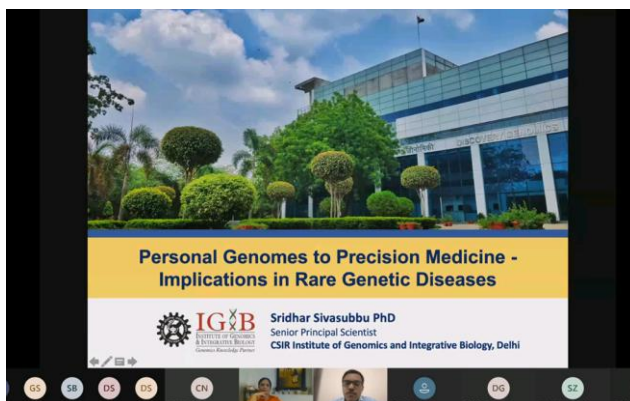
- Google Docs



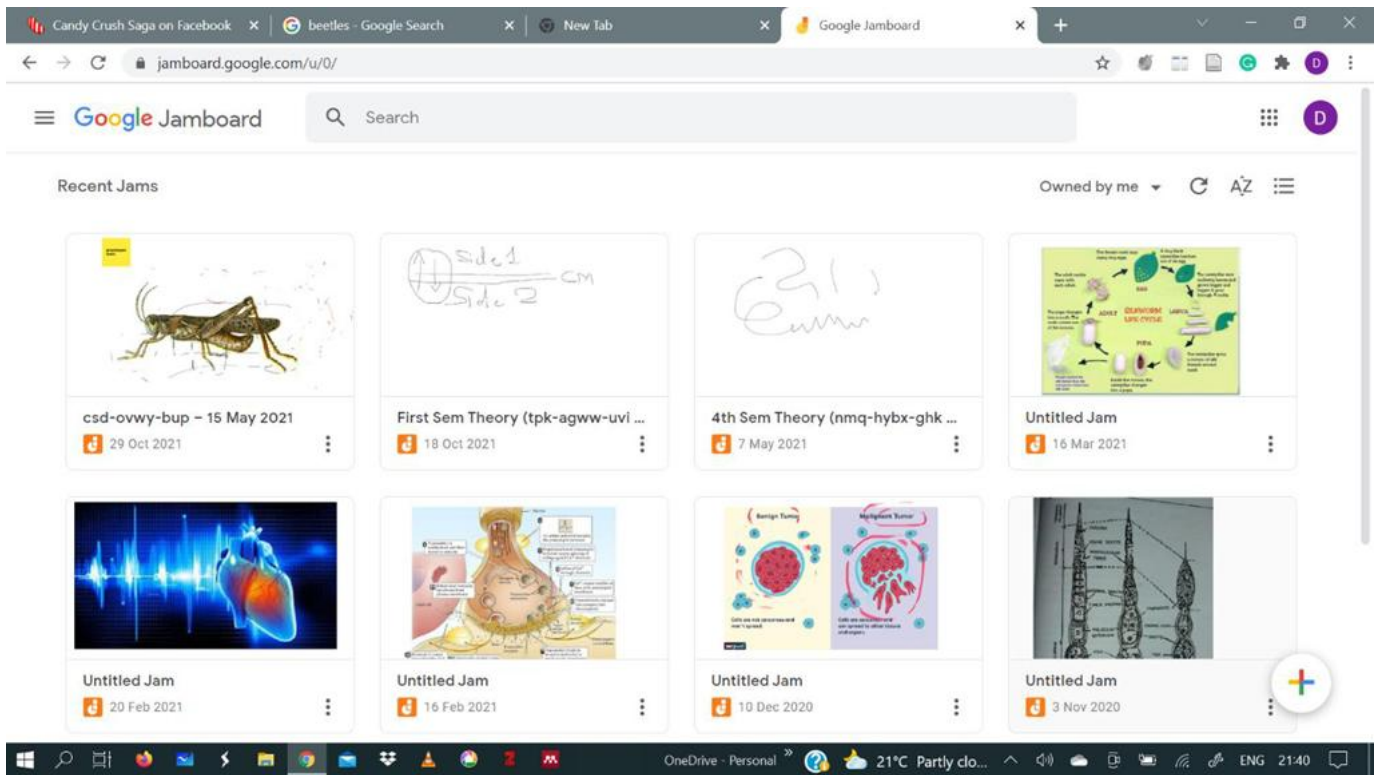
- Zoom meetings



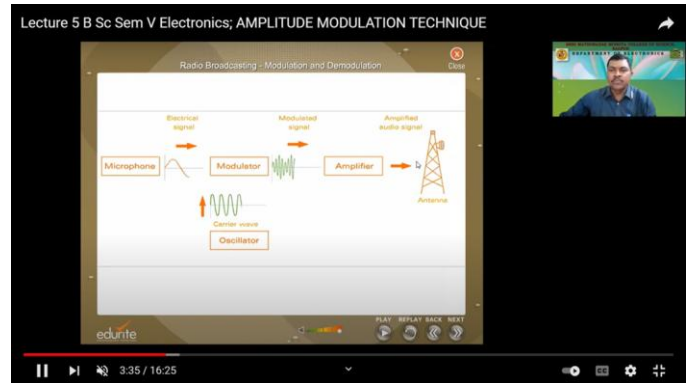
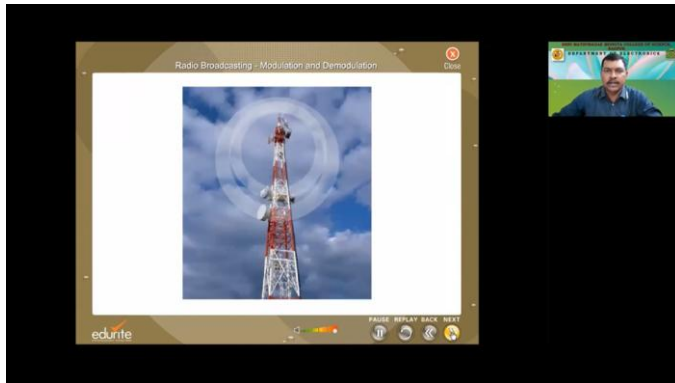
- Microsoft Teams



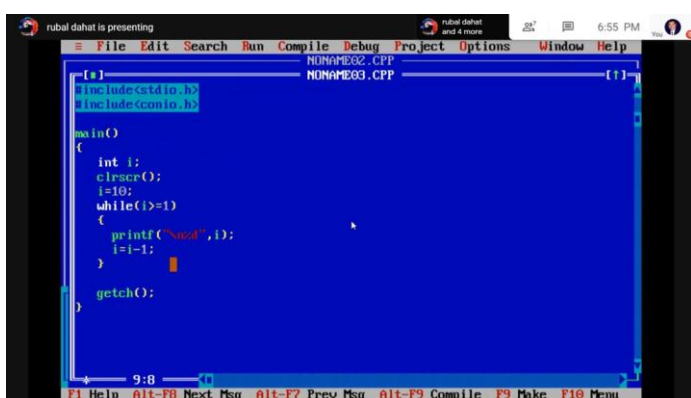
● Jamboard



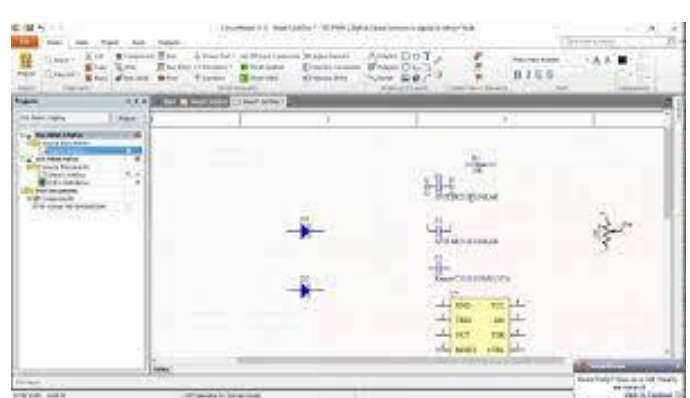
● Edurite tools



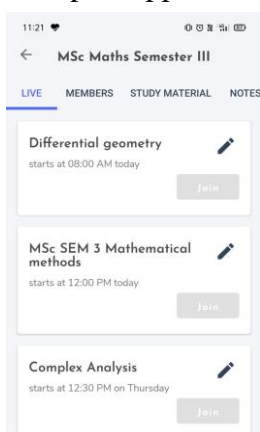
● Turbo C++



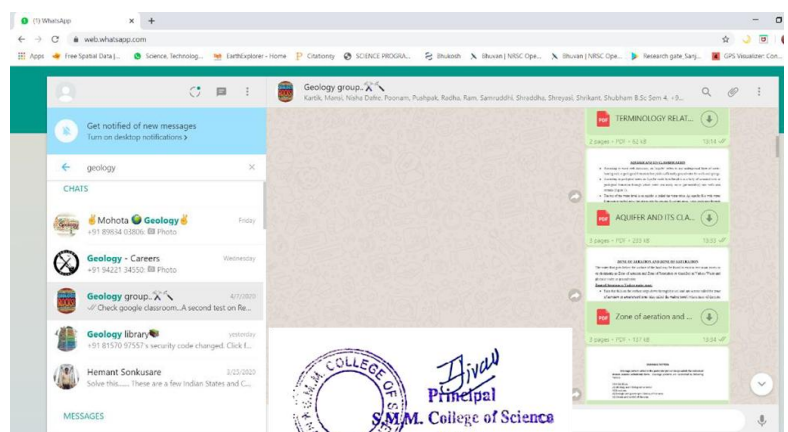
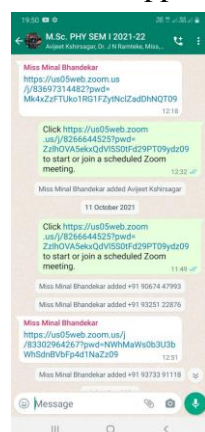
● Circuit maker software



● Campus App



● WhatsApp



- Extensions for recording attendance

Browser tabs: 2.3.1 Use of ICT for effective teaching..., SRFP 2022, Search results - Google Drive, Convert .JPG to PDF, Images .JPG to P..., msc-sem-ii (2021-06-04).html

Daily Attendance Report for msc-sem-ii: 2021-06-04

Show Attendance Summary

Class Name: msc-sem-ii Meet ID: fph-dcsw-miy Date: 2021-06-04 Earliest Arrivals: 09:02 Start: 9:06 End: 9:50 Duration: 44 min

| Names ☆ | 9:00 | 9:05 | 9:10 | 9:15 | 9:20 | 9:25 | 9:30 | 9:35 | 9:40 | 9:45 | 9:50 |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|
| 12 Others | | | | | | | | | | | |
| 13 Others | | | | | | | | | | | |
| 14 Others | | | | | | | | | | | |
| 15 Others | | | | | | | | | | | |
| 16 Others | | | | | | | | | | | |
| 19 Others | | | | | | | | | | | |
| 6 Others | | | | | | | | | | | |
| 9 Others | | | | | | | | | | | |
| Anuja Kondalkar | | | | | | | | | | | |
| Arati Kagate | | | | | | | | | | | |
| Chaitali Dhanvijay | | | | | | | | | | | |
| Chetna Daine | | | | | | | | | | | |
| Daminee Chauke | | | | | | | | | | | |
| Damini Jagankar | | | | | | | | | | | |
| Dhanshree Raut | | | | | | | | | | | |
| Divya Ambulkar | | | | | | | | | | | |
| Kajal Sahare | | | | | | | | | | | |
| Msc Chemistry | | | | | | | | | | | |
| Nikita Bhadang | | | | | | | | | | | |
| Palak Motariya | | | | | | | | | | | |
| Piyush Yadav | | | | | | | | | | | |
| Pooja Hiware | | | | | | | | | | | |
| Priya Borkar | | | | | | | | | | | |
| Ruchika Zodape | | | | | | | | | | | |
| Ruchita Madne | | | | | | | | | | | |
| Rutuja Maske | | | | | | | | | | | |
| Sachin Meghe | | | | | | | | | | | |
| Sankalp Khobragade | | | | | | | | | | | |
| Shubhangi Silutkar | | | | | | | | | | | |
| Tini Shende | | | | | | | | | | | |
| Vaishnavi Datir | | | | | | | | | | | |
| Vaishnavi Khokale | | | | | | | | | | | |
| Vinita Bhoyar | | | | | | | | | | | |

- YouTube videos

Browser tabs: B.Sc. Sem 3 2020-21 - Google D..., Video Links for Plant Movements x, 2.3.1 Use of ICT for effective tea..., New Tab

classroom.google.com/u/0/c/Mjg0NTkyNDExNDgw/m/MzI1NzExMTI2MzQx/details

B.Sc. Semester VI 2020-21

Video Links for Plant Movements

Shamali Khalatkar • Apr 22 (Edited Apr 22)

Do check these videos. I feel that observing videos better helps in understanding rather than simply theoretical teaching. Hope you like them.

| | | | |
|--|--|--|---|
| | Circumnutation Movement I... YouTube video 1 minute | | Cyclosis / Cytoplasmic strea... YouTube video 1 minute |
| | Drosera Capensis (Cape Sun... YouTube video 0 minutes | | Leaf Movements (Photonast... YouTube video 0 minutes |
| | The Telegraph Plant YouTube video 1 minute | | Cool corn phototropism tim... YouTube video 0 minutes |

Class comments

Browser tabs: (66) WhatsApp x, 2.3.1 Use of I... x, 2.3.1 Use of I... x, People in B.S... x, Group - B, soc... x, Dr. M. Nilesh... x, (8) Nilesh Me... x

youtube.com/user/meshramnileshd/videos

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| 126 views • 11 months ago | 116 views • 11 months ago | 87 views • 11 months ago | 80 views • 11 months ago | 116 views • 11 months ago |
| | | | | |
| Lecture 20 B Sc Sem I Electronics Multiplexer & De... | Lecture 19 B Sc Sem I Electronics Half Adder & Ful... | Lecture 19 B Sc Sem I Electronics Half Adder & Ful... | Lecture 18 B Sc Sem I Electronics Different Laws i... | Lecture 18 B Sc Sem I Electronics Different Laws i... |
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Search: Type here to search

29°C 15:03 07-02-2022

- Various tools for conducting examinations

The screenshot shows the Quizizz admin interface. The top navigation bar includes the Quizizz logo, a search bar, and links for 'Quizizz library' and 'Enter Code'. The left sidebar lists user options: 'Ranjan Sonparote', 'Upgrade to Super', 'Create', 'Explore', 'My library', 'Reports', 'Classes', 'Settings', and 'More'. The main content area displays the quiz details for 'Sem 4- Test2', including its average accuracy (51%), number of plays (55), and creation date (4 months ago). It offers options to 'Start a live quiz' or 'Assign homework'. Below this, a list of 35 questions is shown, with the first two questions visible: 'Which of the following aortic arches are present in Reptiles?' and 'In reptiles pulmonary trunk (VI) carries deoxygenated blood to the lungs?'. A 'Help' button is located at the bottom left of the main content area.

The screenshot shows the MasterSoft Cloud dashboard for Dr. Nikhil Vishvas Palande. The top navigation bar includes the MasterSoft Cloud logo, a search bar, and links for 'Dashboard', 'Integration', 'Question Bank', 'Candidate', and 'Batch Master'. The main content area displays the user's profile, contact information, and two summary cards: '11 Total Exams' and '289 Total Candidates'. Below these, there are two tables: 'Question Statistics' and 'Candidate Statistics'. The 'Question Statistics' table shows the number of questions for different subjects and batches. The 'Candidate Statistics' table shows the number of candidates for different batches.

| Sr. No. | Subject Name | Number of Question |
|---------|------------------------------|--------------------|
| 1 | B.Sc III Sem VI | 2 |
| 2 | B.Sc III Sem-V CS 2021-22 | 5 |
| 3 | B.Sc.II Sem IV (CS) | 30 |
| 4 | B.Sc. Sem II Zoology Batch 1 | 30 |

| Sr. No. | Batch Name | Number of Candidate |
|---------|-------------------------------|---------------------|
| 1 | B.Sc Sem II 2020-21 Zoology | 105 |
| 2 | B.Sc II Sem IV (CS) 2020-21 | 47 |
| 3 | B.Sc Sem III 2021-22 Zoology | 108 |
| 4 | B.Sc. Sem III Zoology Batch 1 | 30 |

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e-resources

Open source reference materials: e-books, e-journals, animations, YouTube videos etc.

e-books

PPT - Google Drive | E Books | 23.1 Use of ICT for effective tea... | New Tab

classroom.google.com/u/0/w/MTMwMTAyNTg4NDc2tc/MjA5MjI1MTcyMDg4

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Type here to search

M.Sc I Year (20-21) | 20 members

Forwarded message From Life Sciences Books: Developmental Biology 11th Edition.pdf

Forwarded message From Life Sciences Books: Developmental Biology 7th Edition by Scott F...

essential developmental biology 2nd edition JMW...

GILBERT Developmental Biology VII.pdf

Animations

PPT - Google Drive | Frits Went Agar Block Experiment | 23.1 Use of ICT for effective tea... | New Tab

classroom.google.com/u/0/c/Mjg0NTkyNDExNDgw/mjg2NTU5MDczOTYw/details

B.Sc. Semester VI 2020-21 | BG3lcB

Frits Went Agar Block Experiment | Shamali Khalatkar • Feb 26

Do check this animation for the experiment ultimately leading to the discovery of auxins.

Animation 35.2: Went's Expe...
<https://learninglink.oup.com/acc...>

Class comments

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Type here to search

Articles, courses materials from MOOCs

Article Number: GEOL: 00141

EARTH PROCESSES

Ocean Trenches

Introduction

Early Years of Study

11:28

Introduction

A mapping which assigns a definite (real) number to each function belonging to the same class is called functional. Thus, we can say that a functional is a kind of function, where the independent variable is itself a function or a curve. Functionals are often expressed as definite integrals involving functions and their derivatives.

Functionals play an important role in many problems in analysis, mechanics, geometry, geometrical optics, theory of elasticity, quantum mechanics, etc.

For example, the arc length L of a plane curve $y(x)$ connecting two given points (x_1, y_1) and (x_2, y_2) is a functional. The quantity L may be computed as

$$L[y(x)] = \int_{x_1}^{x_2} \sqrt{1 + (y')^2} dx.$$

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Check out this SlideShare presentation: x Disturbance ecology- UM x PLANT ECOLOGY x 2.3.1 Use of ICT for effective tea: x +

slideshare.net/AvishkeDas47/plant-ecology-96989720

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WHAT IS ECOLOGY AND ITS IMPORTANCE

The term "ecology" was first used by the German biologist Ernst Haeckel in 1866.

Ecology (from Greek word "Oikos", "house" or "living relations"; "Logos", "study of") is the branch of biology. Ecology is the scientific study of the distributions, abundance and relations of organisms and their interactions with the environment. Ecology includes the study of plant and animal populations, plant and animal communities and ecosystem.

Ecology can also be classified:

The primary kinds of organism under study is two type of Ecology, e.g. 1. Animal Ecology, 2. Plant Ecology

IMPORTANCE OF ECOLOGY

1. It helps in environmental conservation
2. Enhances energy conservation
3. Promotes eco-friendliness
4. Aids in disease and pest control

Animal Ecology

Plant Ecology

2 of 12

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PLANT ECOLOGY

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WELCOME Multi Nuclei Model Avishke Das

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Be A Great Product Leader (Amplify, Oct... Adam Nash

Trillion Dollar Coach Book (Bill Campbell) Eric Schmidt

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A few thoughts on work life-balance Wim Vanderbauwhede

Is vc still a thing final Mark Suster

PPT - Google Drive x Classwork for B.Sc. Semester II 20... x 2.3.1 Use of ICT for effective tea: x New Tab x +

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Apps Calendar Meet Classroom Plant Life: Endoplas... Planboard | Chalk The cell. 6. Non vesi... Flowers in Ultra-Vio... Merge PDF - Comb... Other bookmarks Reading list

Drive Search in Drive

My Drive > B.Sc. Sem 3 2020-21 > PPT >

Files

CHLOROPLAST Chloroplast.pdf

ENDOPLASMIC RETICULUM Endoplasmic Reticulum.pdf

GOOLGI COMPLEX Golgi complex.pdf

MITOCHONDRION Mitochondrion.pdf

PLASMA MEMBRANE Plasma membrane.pdf

RIBOSOMES Ribosomes.pdf

VACUOLE Vacuoles.pdf

Plant cell and cell wall.pdf

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BSc Semester III 2020-21 Zoology Paper II Genetics Stream Classwork People Grades

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Presentations 4 Edited Mar 28

These presentations have been prepared using various resources from the internet. All the authors of original content are hereby acknowledged.

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Gene interactions.pdf PDF

Amniocentesis.pdf PDF

Chorionic villi sampling... PDF

Down Syndrome.ppt PowerPoint

Gene interactions.pptx PowerPoint

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BSc Semester III Practical course materi... 3 Posted Mar 16

Genetics Books 5 Edited Sep 3

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Volume 10, Number 1, 1 March 2021

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- Front Pages (142K) [Back Pages (55K)]

Articles

- Environmental and soil gradient effects on biodiversity of butterflies in Khyber Pakhtunkhwa, Pakistan
Arthropods, 2021, 10(1): 1-17
Harooun, Arif Jan, Emmanuel Chidebere Edeh, et al.
[Abstract] [XML] [Epub] [Full Text] [BibTex] [DOAJ] [PubMed]
[Full PDF (389K)]
[Email Article] [Comment Review Article]
Cited By (Google Scholar Search)

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(An Autonomous Inter-University Centre of UGC)

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|----------|-----------------------------|--------------------------|---------------|
| 1 | NLIST Annual Membership Fee | April 2020 to March 2021 | 5,000.00 |
| | | GST@18.00% | 900.00 |
| | | GST@18.00% | 900.00 |
| | | GST@18.00% | 900.00 |
| | | Total | 5,900.00 |

Rupess Five Thousand Nine Hundred Only

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Branch: Indira, Gandhinagar
Bank Address: Unit C/20/2, Ground Floor, Indira, Gandhinagar, Gujarat
Bank Account No: 31154082031
IFSC Code: SBIN0021700
MICR Code: 30002151

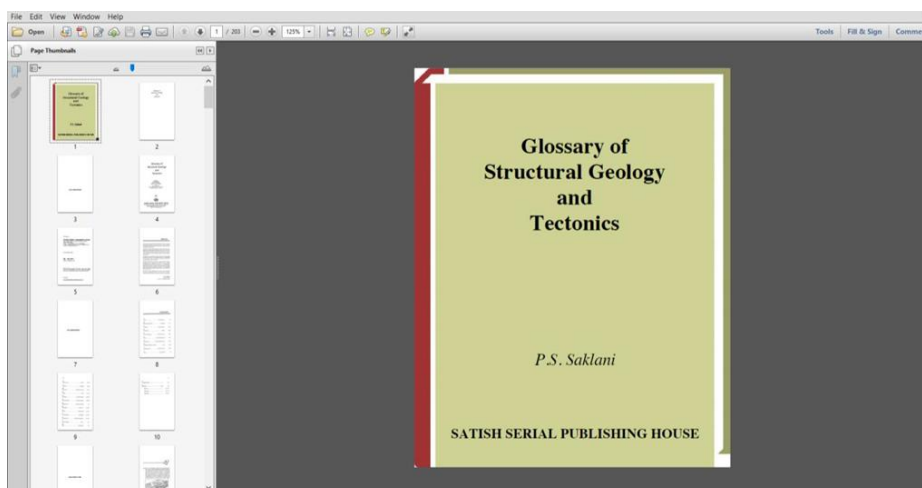
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- In case of RTGS/NEFT payment, kindly send the payment details viz UTR No., date of payment to INFUNET Centre through email at payment@infonet.ac.in or letter to INFUNET Centre Gandhinagar.
- Annual Membership Fee is non-refundable.

Sincerely Yours

Abhishek Kumar Rishi
Scientist - E (CS)

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Bioinformatics databases and tools

