

**2.3.1: Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools**

## **Teaching- Learning Process**

The teachers and students of the college have been using ICT tools and e-resources for effective communication and resource-sharing for better teaching-learning process. The college has strengthened ICT infrastructure by developing ICT enabled laboratories and classrooms by installing LCD projectors and smart boards, by purchasing computers and by strengthening internet facilities (Wi-Fi enabled campus). Theory and practical classes were conducted using ICT tools that made participative learning more effective, especially through interactive teaching, discussion with the students, solving of queries, etc.

**The teachers and/or students of the institution used following ICT tools and e-resources during the assessment period (2017-22):**

- Laptop, desktops, smartphones
- Smart Boards, LCD projectors
- Pen tablet
- Computers with LAN internet facility
- Wi-Fi facility available campus
- CDs, YouTube and other online videos
- LMSs like Google Workspace, Moodle, MasterSoft
- Applications of Google Workspace like Docs, Forms, Sheets, Slides, etc. used with other MS Office applications
- Google Earth
- ArcGIS software
- Online meeting applications like Google Meet, Zoom, Microsoft Teams, etc.
- Examination portal by MasterSoft Cloud
- Quizizz, Google Forms for conduction of quizzes/ examinations
- Campus App
- WhatsApp
- Edurite tools

**The above mentioned tools were used for better teaching-learning process including sharing of following e-resources and techniques during the assessment period (2017-22):**

- 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



**Following activities were conducted as part of participative learning using ICT tools during the assessment period (2017-22):**

1. Communication with the students: Social media platforms
2. Regular theory and practical classes
3. Guest lectures/ lecture series
  - a. Curricular: On topics related to the curriculum
  - b. Co-curricular: On topics which are required to be discussed to have better understanding of the subject as a whole
  - c. Extra-curricular: On topics of social, cultural, and sustainable development of the society
4. Short-term skill based certificate courses
5. Student online seminars
6. Online quiz competitions
7. Online/ offline poster, rangoli competitions
8. Circuit board designing
9. Encouraged students to participate in various competitions organized by other institutions

**Following activities were conducted as part of experiential learning using ICT tools during the assessment period (2017-22):**

1. Projects for students of post-graduation
2. Production of sanitizers in the laboratory and its distribution
3. Maintenance of vermicomposting facility, shed house, for plants, apiculture, etc.
4. Excursions/ study tours
5. Short-term skill based certificate courses
6. Involving students in organization of various events

**Following activities were conducted as part of problem solving methodologies using ICT tools during the assessment period (2017-22):**

1. Community Outreach Programme for COVID-19 vaccination
2. Vaccination drives to curb the menace of the virus during COVID-19 pandemic
3. Guest lecture on problem solving approach for empowerment
4. Various welfare measures have been undertaken by the NSS unit for welfare of residents of *Champa* Village near Nagpur, Maharashtra.

**Teaching- Learning Process**

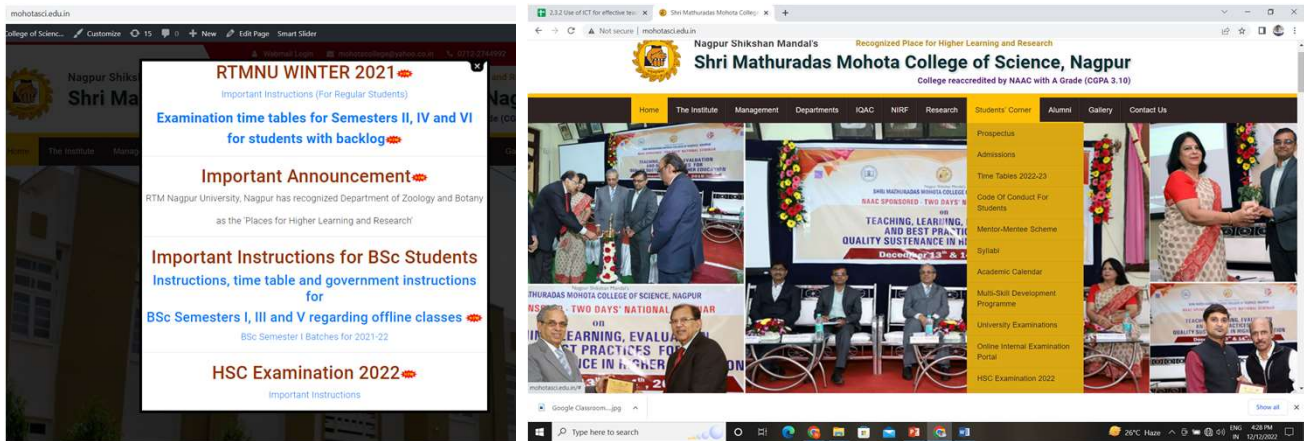
**Student Centric Methods**

**Participative Learning**

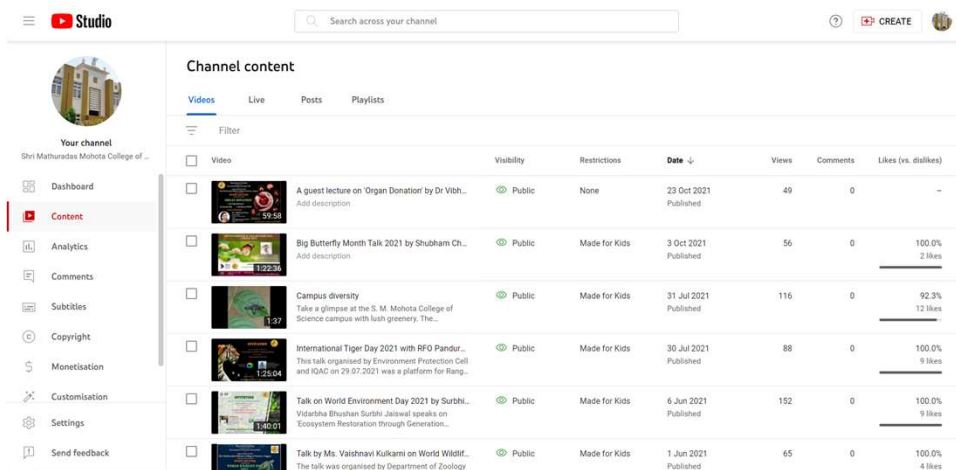
# Participative Learning

Participative learning: **Communication** with the students regarding academic, co-curricular and extracurricular activities through **social media platforms**

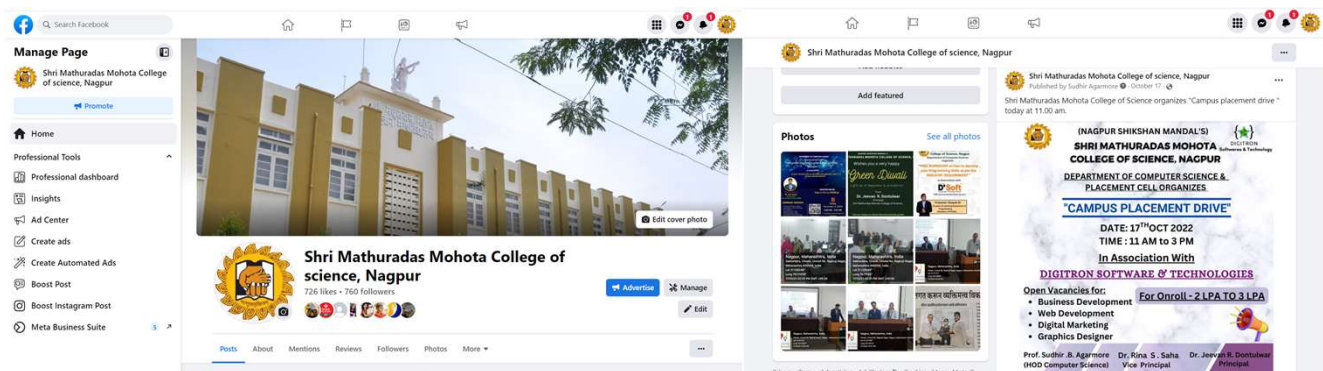
College website: mohotasci.edu.in: Communication of notices, examination details and other resources



College YouTube Channel: Recorded and live videos of guest lectures, educational and other videos

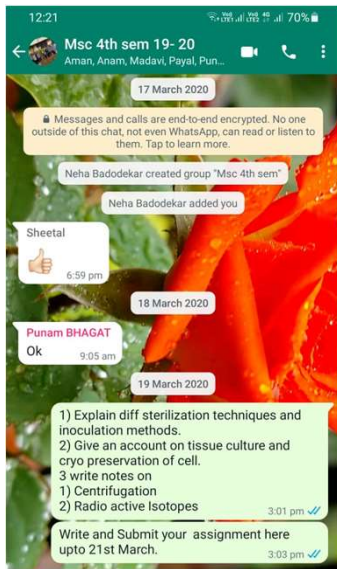


Facebook account: Communication with the students and other stakeholders, shared resources, etc.

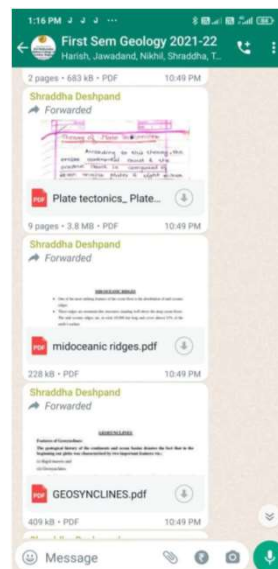
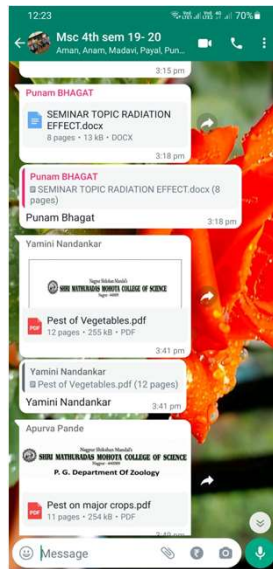


**Participative learning: Theory and practical classes, examinations, attendance, etc.**

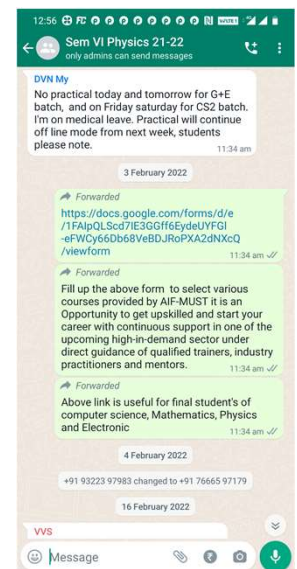
WhatsApp: Used for information communication, sharing of resources, submission of assignments, etc.



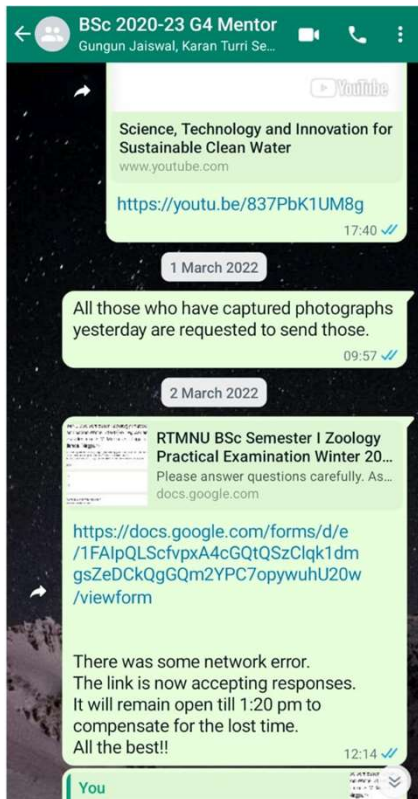
2019-20



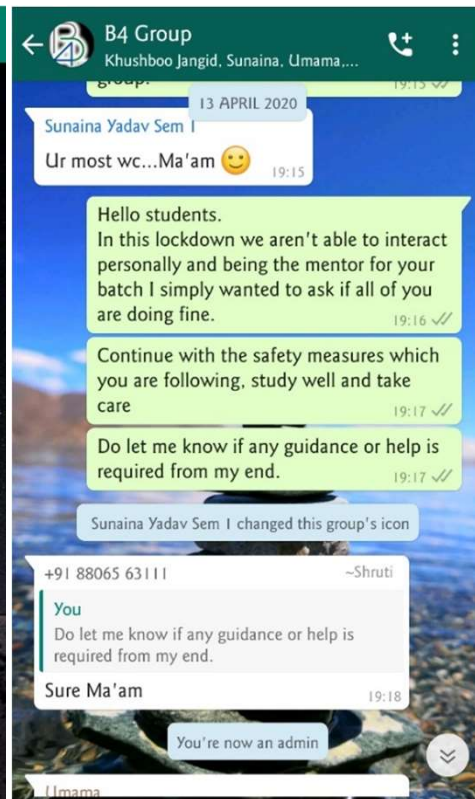
2021-22



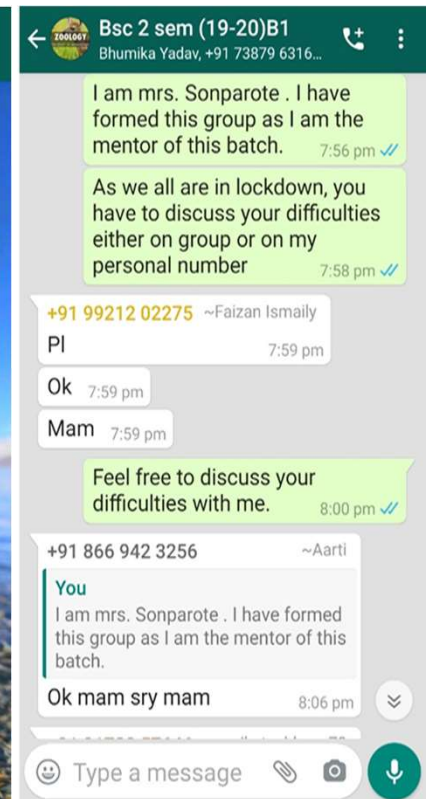
WhatsApp: Used for effective implementation of Mentor-Mentee Scheme



2021-22

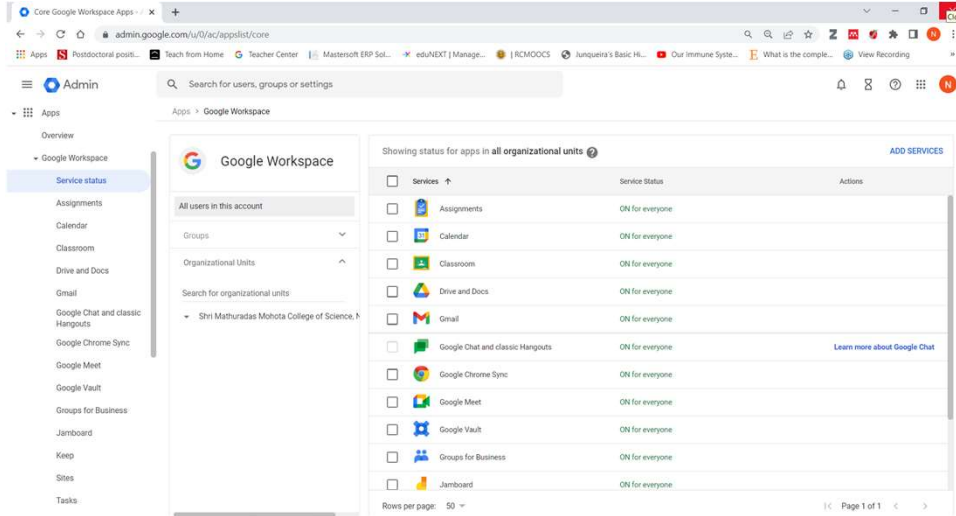


2019-20

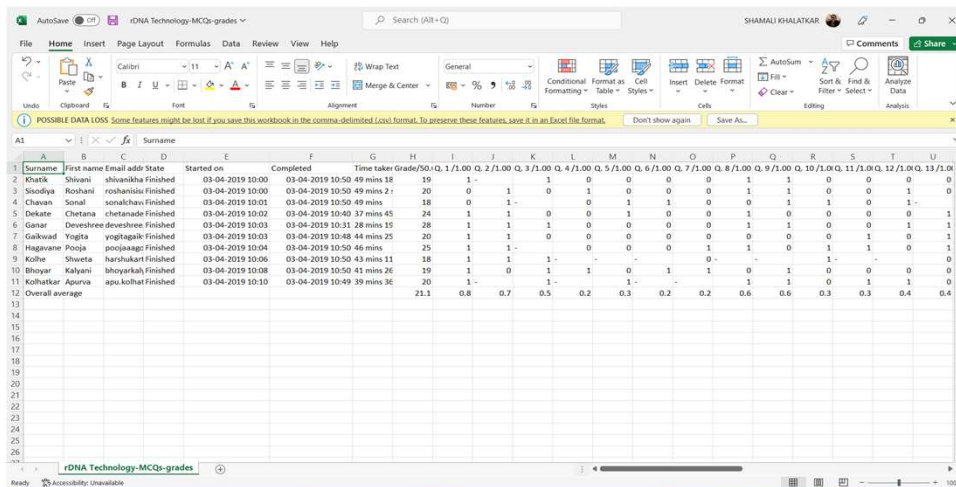


# Participative learning: Theory and practical classes, examinations, attendance, etc.

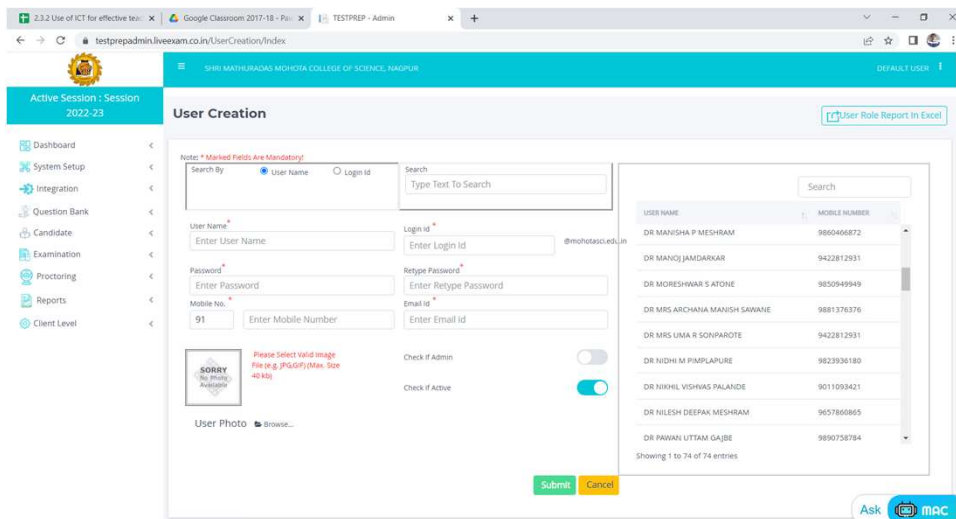
## Use of LMS: Google workspace



## Use of LMS(s): Moodle



## Use of LMS(s): MasterSoft ERP Solution Pvt. Ltd.'s Testprep

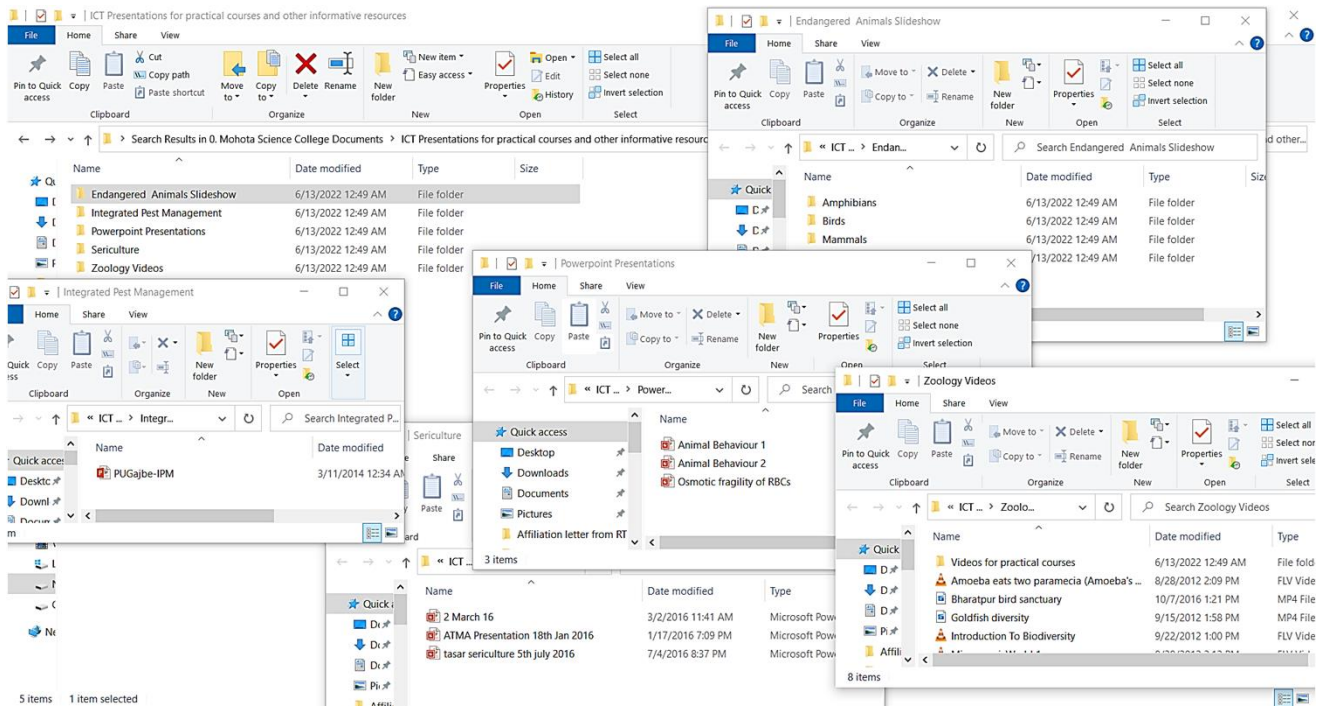


*Divali*  
Principal  
S.M.M. College of Science  
Nagpur

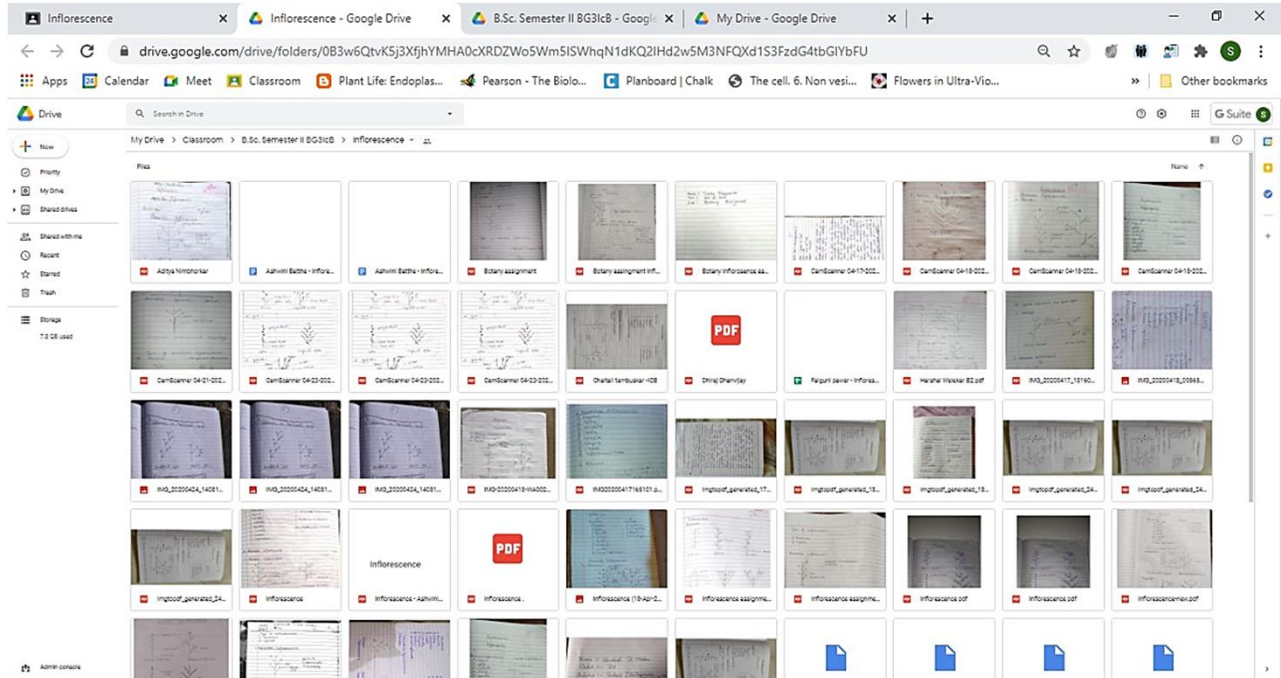
**Participative learning: Theory and practical classes, examinations, attendance, etc.**

**ICT tools and e-resources (Used along with MS Office applications like Word, Excel, PowerPoint, etc.)**

**PowerPoint presentations and e-resources used for teaching 2017-22**



**Google Drive: For sharing and storing resources including books, articles, presentations, quantitative data, etc.**

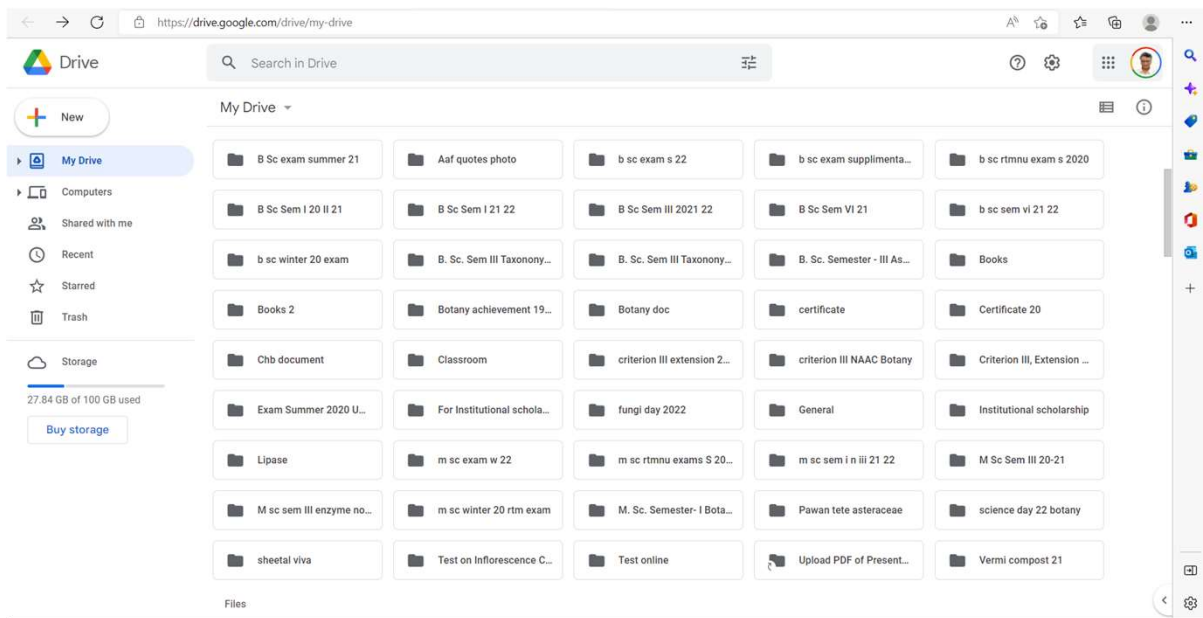


**Submission of assignments: 2019-20**



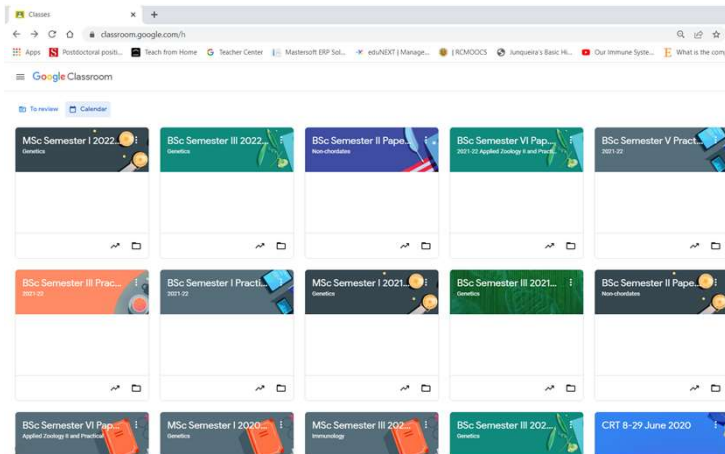
## Participative learning: Theory and practical classes, examinations, attendance, etc.

Google Drive: For sharing and storing resources including books, articles, presentations, quantitative data, etc.

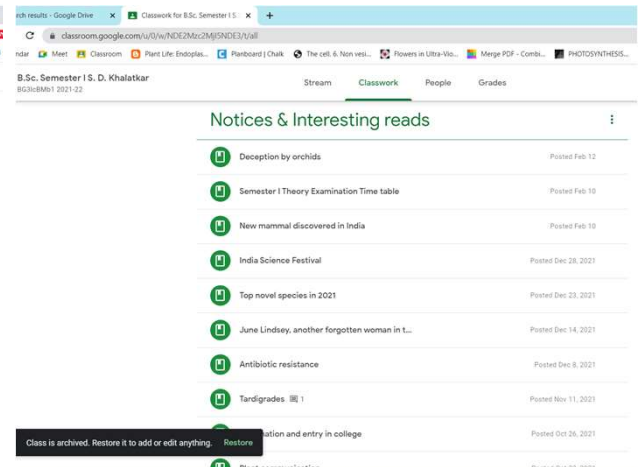


2020-21

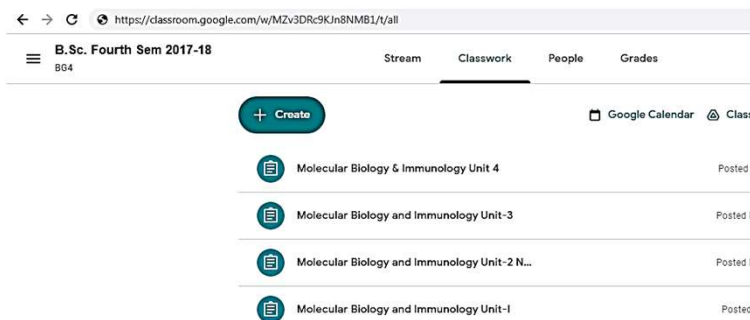
Google Classroom: For sharing of resources, assignments, etc.



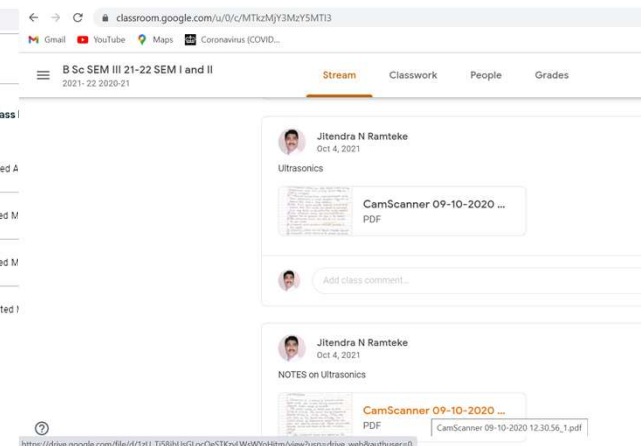
Google Classrooms created for UG as well as PG classes



Google Classrooms: Used as an online notice board: 2021-22



Sharing of resources: 2017-18



Sharing of resources: 2021-22



# Participative learning: Theory and practical classes, examinations, attendance, etc.

Google Calendar: For planning, creating and saving classes and other learning activities

The screenshot shows a Google Calendar interface for July 2021. A pop-up window is open for a meeting titled "Botany Theory Semester 6" on Thursday, July 1, 2021, from 1:00 to 2:00 pm. The meeting is recurring weekly on Thursdays, Fridays, and Saturdays until July 3, 2021. The pop-up includes options to "Join with Google Meet" (meet.google.com/kqy-ctaw-kmf), "Join by phone" (+1 219-525-7231), and "Take meeting notes". It also shows 122 guests, 6 yes, 6 no, and 110 awaiting. The meeting is organized by Shamali Khalatkar. The background calendar shows various events for the month of July, including "Rath Yatra" and "Assignment: Test on Flower".

2021-22

The screenshot shows a Google Calendar interface for June 2020. The calendar displays various events throughout the month, including "5:15pm (No title)", "9am CRT Day 1 08 June 20", "9am CRT Day 2 09 June 20", "9am CRT Day 3 10 June 20", "9am CRT Day 4 11 June 20", "9am CRT Day 5 JUNE 12, 20", "9am CRT Day 6, June 13, 20", "2pm CRT, Day 7, June 14, 20", "9am Resource person-Dr...", "10am Webinar by DB scler", "2pm CRT, Day 8, June 15, 20", "2pm CRT, Day 9, June 16, 20", "2pm CRT, Day 10, June 17, 20", "10:45am SDCD Day 8, 18 J", "2pm CRT Day 11, 18 June", "11am SDCD Day 10 June 2", "2pm CRT Day 13 June 20", "7:30am Celebration of the", "10:30am SDCD Day 11", "2pm CRT Day 14 21 June", "2pm CRT Day 15, 22 June 2", "2pm CRT Day 15, 23 June", "2pm CRT Day 18, 25 June", "2pm CRT Day 19, 26 June", "2pm CRT 27 June 2020", and "2:15pm CRT of 28 June 20".

2020-21



## Participative learning: Theory and practical classes, examinations, attendance, etc.

Google Forms: For collecting information of students, for conducting examinations, feedback, etc.

A screenshot of a Google Drive search results page. The search query is 'type:form'. The results table lists various documents, including exam papers and student information forms.

Name	Owner	Last modified	File size	Location
M.Sc. Sem I Organic chemistry (Paper 2)	me	Dec 14, 2021	34 KB	MSc sem-I bac...
12 April_M.Sc. Sem III Spectroscopy (Paper 4)	me	Dec 14, 2021	17 KB	Sem III
Roshni Lokhande	me	Dec 13, 2021	4 KB	My Drive
M.Sc. Sem II Physical chemistry (Paper 3)	me	Dec 13, 2021	4 KB	S2020 backlog...
for sevadal2021_M.Sc. Sem. II INORGANIC CHEMISTRY (Paper ...	me	Mar 21, 2022	6 KB	S2020 backlog...
for sevadal2021 M.Sc. Sem. II ANALYTICAL CHEMISTRY (Paper...	me	Dec 7, 2021	4 KB	S2020 backlog...
M.Sc. Sem. II ANALYTICAL CHEMISTRY (Paper 4)	me	Dec 2, 2021	4 KB	S2020 backlog...
S-2020_M.Sc. Sem. II INORGANIC CHEMISTRY (Paper 1)	me	Dec 2, 2021	5 KB	S2020 backlog...
Sem III-Student address information	me	Nov 15, 2021	3 KB	My Drive
Sem I-Student address information	me	Nov 15, 2021	6 KB	My Drive
RTMNU S-2021 Organic Chemistry SEM II practical	me	Sep 17, 2021	-	2020-21

2021-22

A screenshot of a Google Form titled "RTMNU BSc Semester VI Zoology Practical Examination Summer 2021 (For regular and ex-students of S. M. Mohota College of Science, Nagpur)". The form includes a header image of various animals and a section titled "Section 1 of 2".

RTMNU BSc Semester VI Zoology Practical Examination Summer 2021 (For regular and ex-students of S. M. Mohota College of Science, Nagpur)

Please answer questions carefully. As per the university guidelines, the marks from this test will be considered as your performance in final practical examination. There are 30 questions which carry one mark each. All the questions are compulsory.

Email \*

2021-22

A screenshot of a Google Form titled "Campus Recruitment Training Program (online) organized by Training and Placement Cell, Shri Mathuradas Mohota College of Science, Nagpur from 8 to 29 June 2020". The form includes a header image of a person and a section titled "Section 1 of 3".

Campus Recruitment Training Program (online) organized by Training and Placement Cell, Shri Mathuradas Mohota College of Science, Nagpur from 8 to 29 June 2020

The program has been organized for the students of post-graduation and ad-hoc/ contributory teachers of S. M. Mohota College of Science, Nagpur. Please fill up this form for registering for the course.

Title

1. Dr.

2. Mr.

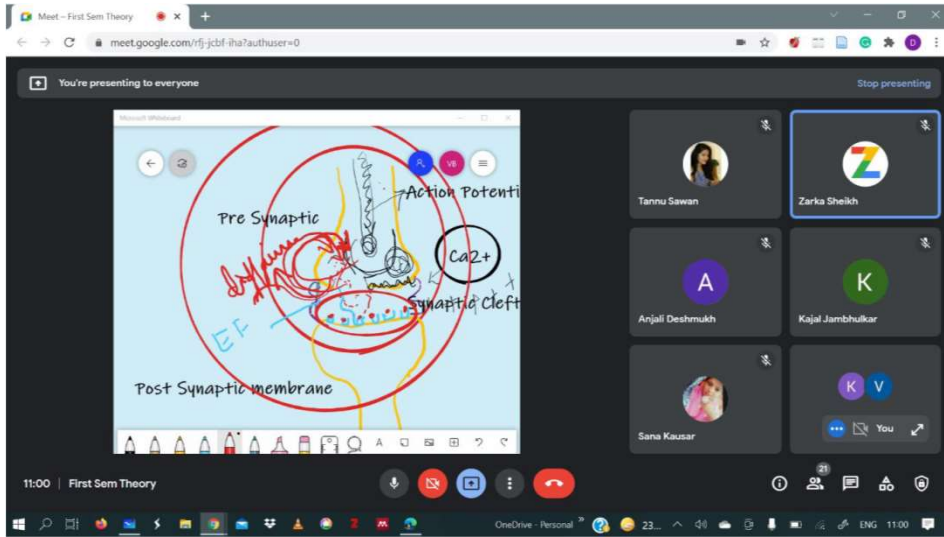
3. Mrs.

2020-21



**Participative learning: Theory and practical classes, examinations, attendance, etc.**

Google Meet: For online theory and practical classes

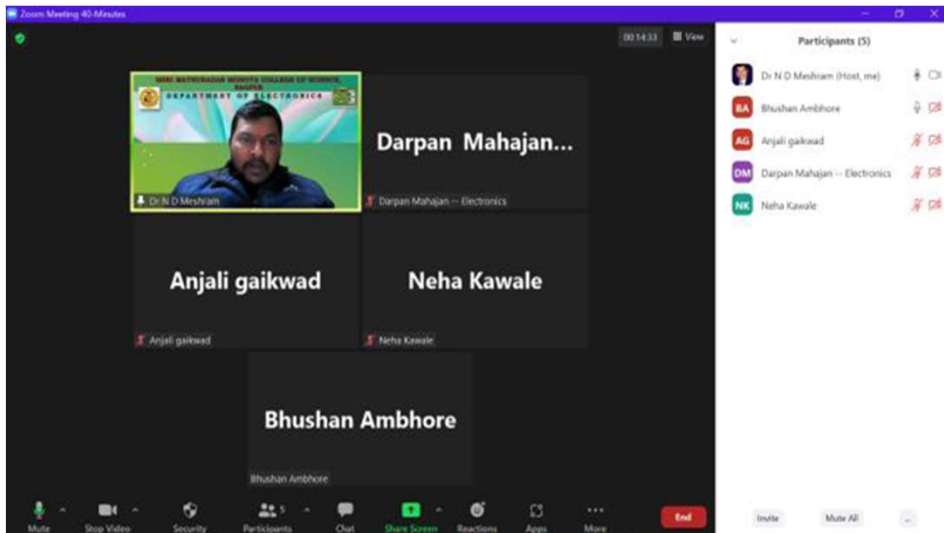


2020-21



2019-20

Zoom: For online theory and practical classes



2020-21

## Participative learning: Theory and practical classes, examinations, attendance, etc.

Google Sheets/ Spreadsheets/ MS Excel: For collecting and analyzing data with respect to curriculum, results, etc.

Average (Mean)	Median	Mode
Sr. No.	Readings	Sr. No.
1	18	1
2	16	2
3	17	3
4	19	4
5	16	5
6	20	6
7	14	7
8	16	8
9	16	9
10	21	10
11	24	11
12	21	12
13	12	13
14	14	14
15	16	15
16	16	16
17	18	17
18	20	18
19	20	19
20	22	20
21	22	21
22	22	22
23		
24	Mean 18	Median 18
25		Mode 16
26		
27		

### For analyzing data as part of the curriculum: 2021-22

Timestamp	Email Address	Name of the student	Email ID	Mobile Number	Class	Batch / Subject (in case of What was your knowledge	What was your knowledge	Kindly rate
3/3/2021 15:31:04	swatimane823@gmail.com	Swati dilprao timane	swatimane823@gmail.com	9322432609	M.Sc. Semester I	Botany	Good	Excellent
3/3/2021 15:34:58	joshnik04@gmail.com	Nikita Manilal Joshi	joshnik04@gmail.com	7498282459	M.Sc. Semester III	Botany	Good	Excellent
3/3/2021 15:35:24	prinyakulkarni9857@gmail.com	Prinyakulkarni9857@gmail.com	prinyakulkarni9857@gmail.com	8657021934	B.Sc. Semester I	B.Sc.sem I CBZ Batch B	Excellent	Excellent
3/3/2021 15:35:43	bhasawat267@gmail.com	Bhavesah Jaiswal	bhasawat267@gmail.com	9922454103	B.Sc. Semester III	G1 ( PGC )	Fair	Excellent
3/3/2021 15:37:32	veenasahare18@gmail.com	Veena Sahare	veenasahare18@gmail.com	7720068169	B.Sc. Semester III	G4	Excellent	Excellent
3/3/2021 15:39:35	sakshidewar822@gmail.com	Sakshi s. Adewar	sakshidewar822@gmail.com	8237537233	M.Sc. Semester III	Botany	Good	Very Good
3/3/2021 15:44:58	pratikshabhojar336@gmail.com	Pratiksha Rajkumar Bhoj	pratikshabhojar336@gmail.com	7875593009	B.Sc. Semester I	B3 bsc 1year	Excellent	Very Good
3/3/2021 15:55:47	nehamanmode307@gmail.com	Neha vinod Manmode	nehamanmode307@gmail.com	9322397983	B.Sc. Semester III	M3	Excellent	Excellent
3/3/2021 16:01:03	pallaviukrey620@gmail.com	Pallavi Ukrey	pallaviukrey620@gmail.com	9404079147	B.Sc. Semester I	B2	Fair	Good
3/3/2021 16:02:00	artigaykav14@gmail.com	Arti keshav gaykav	artigaykav14@gmail.com	9967963890	B.Sc. Semester III	MCQ G2	Good	Good
3/3/2021 16:05:13	vrushabhburdehenra04@gmail.com	Vrushabh Burde	vrushabhburdehenra04@gmail.com	8856072886	B.Sc. Semester III	M5	Fair	Excellent
3/3/2021 16:18:06	mahimakothad738@gmail.com	Mahima Kothadi	mahimakothad738@gmail.com	7773925944	B.Sc. Semester III	G3	Fair	Very Good
3/3/2021 16:21:36	v.kawalkar99@gmail.com	Vaishnavi Kawalkar	v.kawalkar99@gmail.com	8544905779	M.Sc. Semester III	Botany	Excellent	Excellent
3/3/2021 16:32:44	saarabzhangre02@gmail.com	Saurabh Yogeshwar Zing	saarabzhangre02@gmail.com	7248876407	B.Sc. Semester I	CBZ B4	Fair	Fair
3/3/2021 16:44:25	nikitasharma0753@gmail.com	Nikita Subhash Sharma	nikitasharma0753@gmail.com	9370730850	B.Sc. Semester I	B2 (CBZ)	Fair	Excellent
3/3/2021 16:46:12	sakshiwankhede026@gmail.com	Sakshi wankhede	sakshiwankhede026@gmail.com	8010597130	B.Sc. Semester I	CBZ(B3)	Fair	Good
3/3/2021 17:03:42	umamkhan2203@gmail.com	Umama munazza Sarfar	umamkhan2203@gmail.com	8956464722	B.Sc. Semester III	B4	Fair	Good
3/3/2021 17:14:19	dimpalshamagat129@gmail.com	Dimpal R. Shamagat	dimpalshamagat129@gmail.com	7028835600	B.Sc. Semester I	Cbz b1 batch	Poor	Good

### For collecting feedback: 2020-21

Participants	Joined	Left	Duration
Akanisha Hattimare	3/3/21 12:31	3/3/21 13:54	1:23:01
Aniket Gabhane	3/3/21 12:13	3/3/21 13:54	1:41:18
Anshul Meshram	3/3/21 12:31	3/3/21 13:54	1:23:01
Anuj Admane	3/3/21 12:31	3/3/21 13:54	1:23:01
Anushri Jambhale b1	3/3/21 12:13	3/3/21 13:54	1:41:18
Anushri Rohankar	3/3/21 12:13	3/3/21 13:22	1:09:12
Apeksha Kotha	3/3/21 12:45	3/3/21 13:54	1:08:39
Apeksha Susundre	3/3/21 12:13	3/3/21 12:45	0:32:44
Aparva Patil	3/3/21 12:45	3/3/21 13:54	1:08:39
Archana Sawane	3/3/21 12:13	3/3/21 12:45	0:32:44
ash.gharpure	3/3/21 12:45	3/3/21 13:54	1:08:39
ashwini mahajan	3/3/21 12:13	3/3/21 13:54	1:41:18
Ayasha Awathe	3/3/21 12:13	3/3/21 13:54	1:41:18
Ayushsingh Chauhan	3/3/21 12:31	3/3/21 13:54	1:23:01
Bhoomika Waghware	3/3/21 12:13	3/3/21 13:54	1:41:18
bhumika yadav	3/3/21 12:13	3/3/21 13:54	1:41:18
Chaitali Patilod	3/3/21 12:13	3/3/21 13:54	1:41:18
Chetan Babule	3/3/21 12:13	3/3/21 12:45	0:32:44
Chetana Bhoj	3/3/21 12:13	3/3/21 13:54	1:41:18

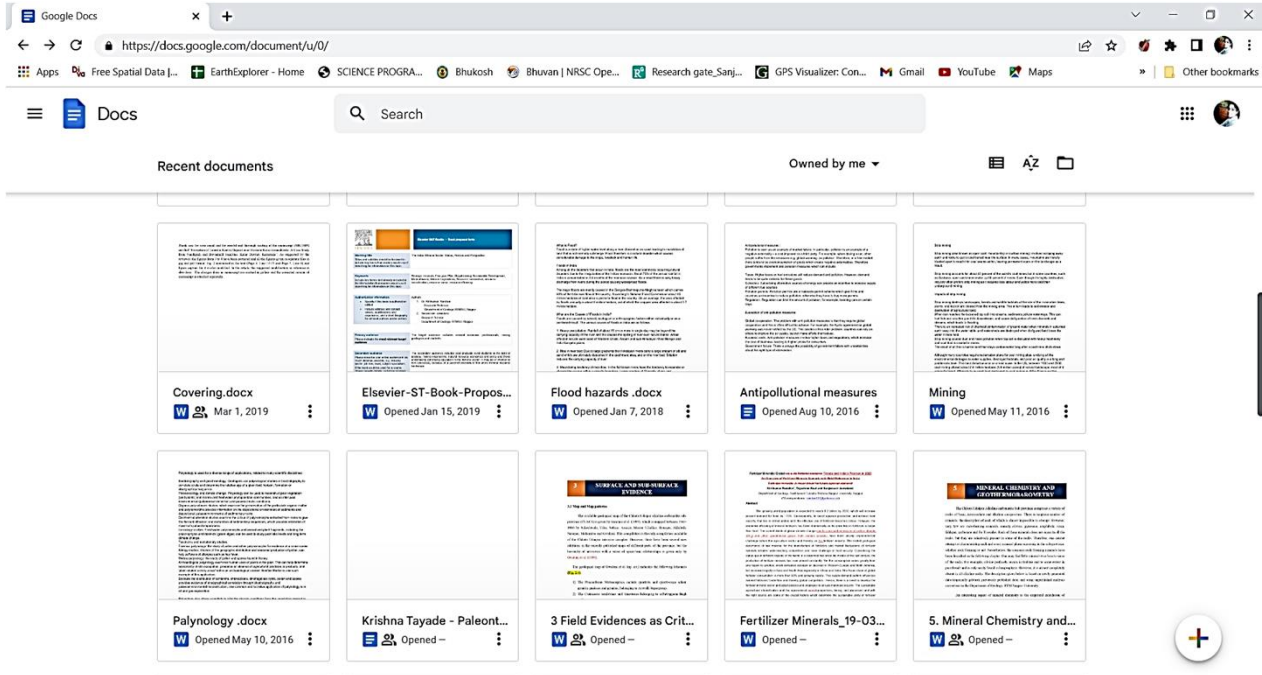
### For recording attendance: 2020-21



*Jivan*  
Principal  
S.M.M. College of Science  
Nagpur

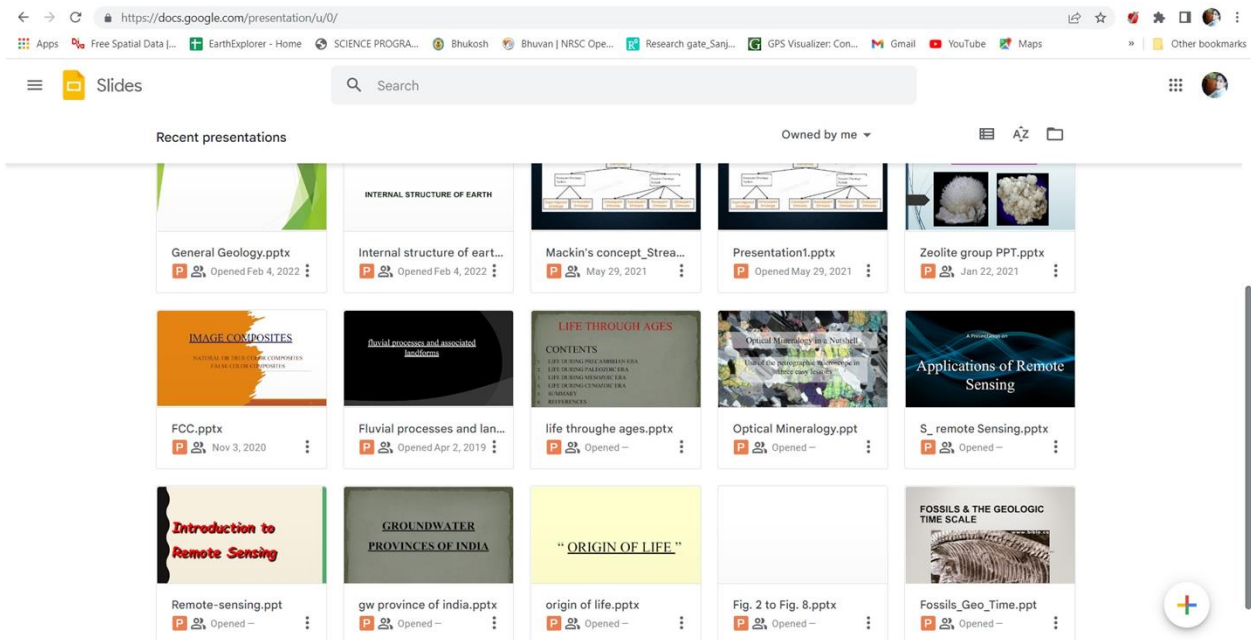
# Participative learning: Theory and practical classes, examinations, attendance, etc.

Google Docs: For preparing assignments, question papers, notes, etc.



2017-22

Google Slides: For preparing presentations of lectures

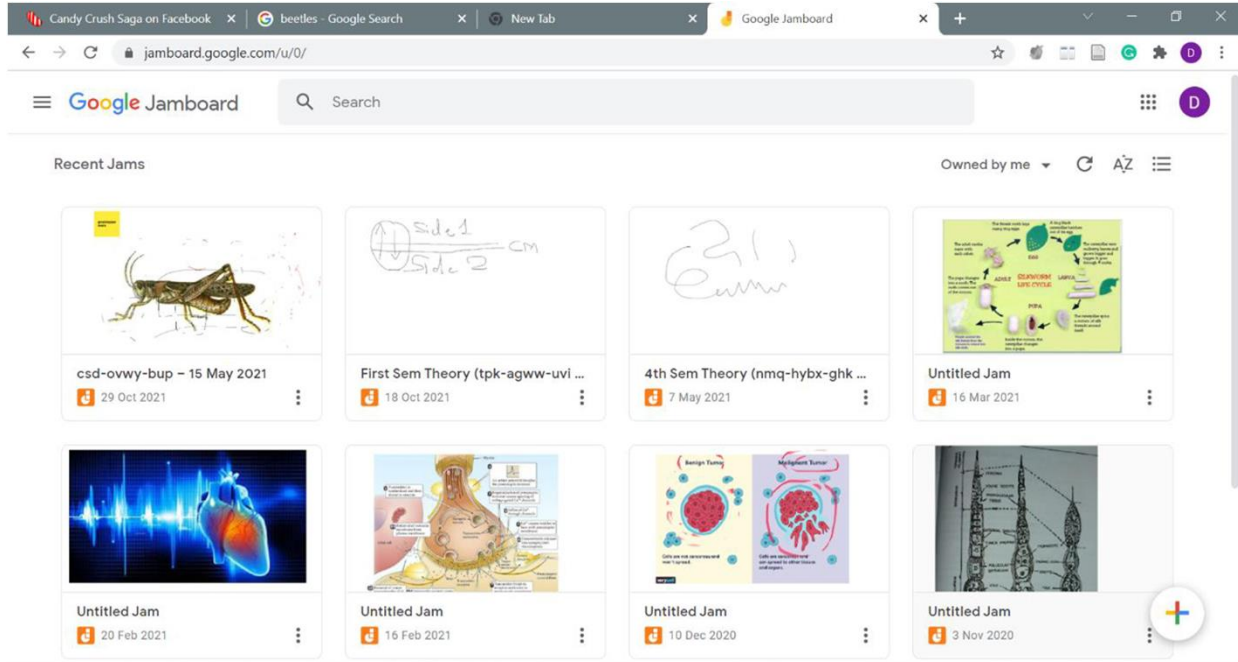


2021-22



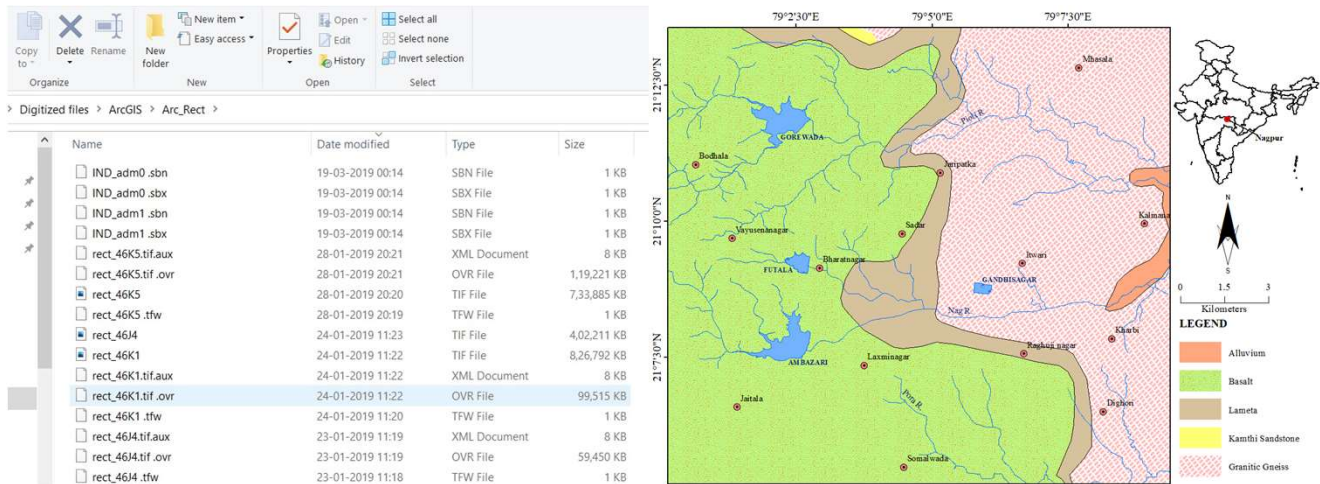
## Participative learning: Theory and practical classes, examinations, attendance, etc.

Google Jamboard: For preparing interactive media like diagrams in real time during lectures



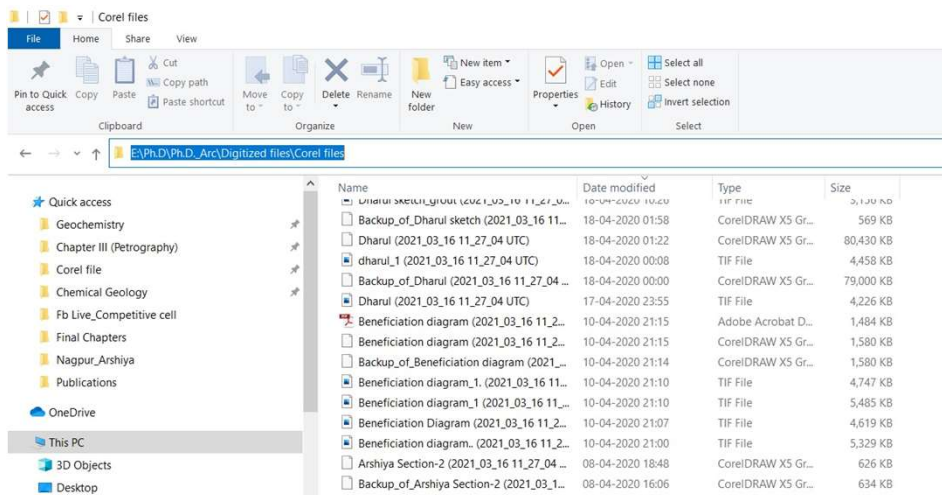
2020-21

ArcGIS: To build interactive web maps

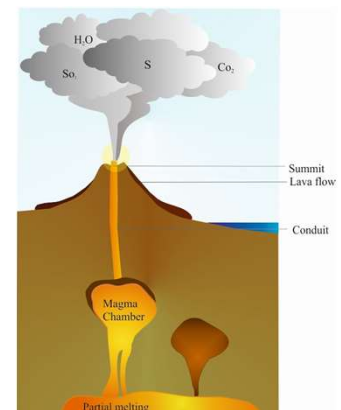


2018-19

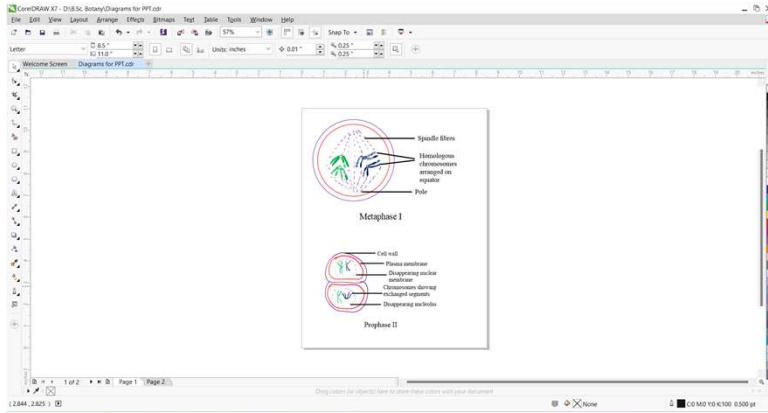
CorelDraw: To create interactive line drawings, diagrams, flyers, etc.



2019-20



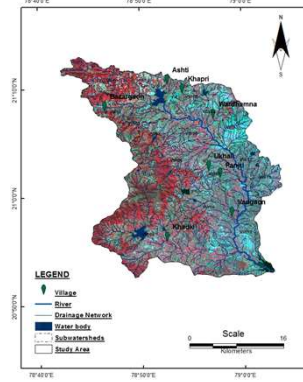
CoreDraw: To create interactive line drawings, diagrams, flyers, etc.



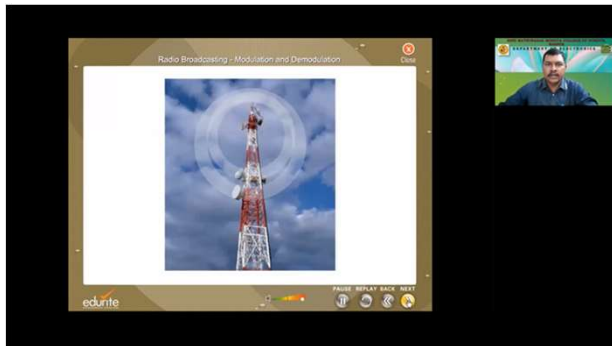
2018-19

Other software programmes used for effective teaching

False colour composite (Landsat data) maps produced with the help of Bhuvan site



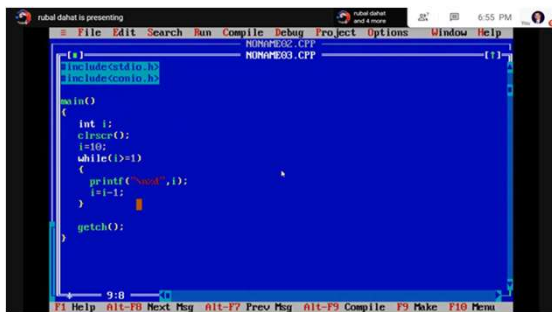
2019-20 onwards



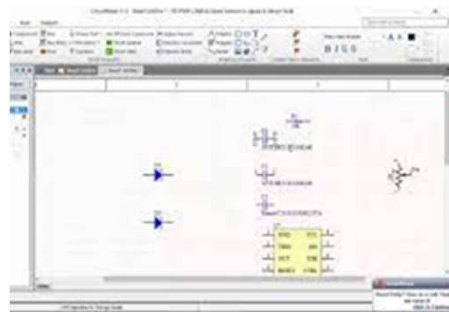
Edurite tools: 2020-21



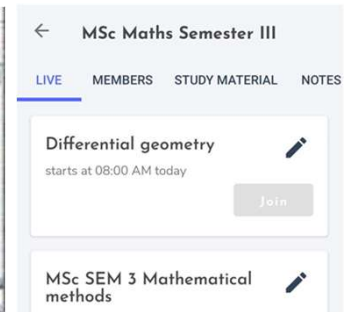
Edurite tools: 2019-20



Turbo C++: 2020-21

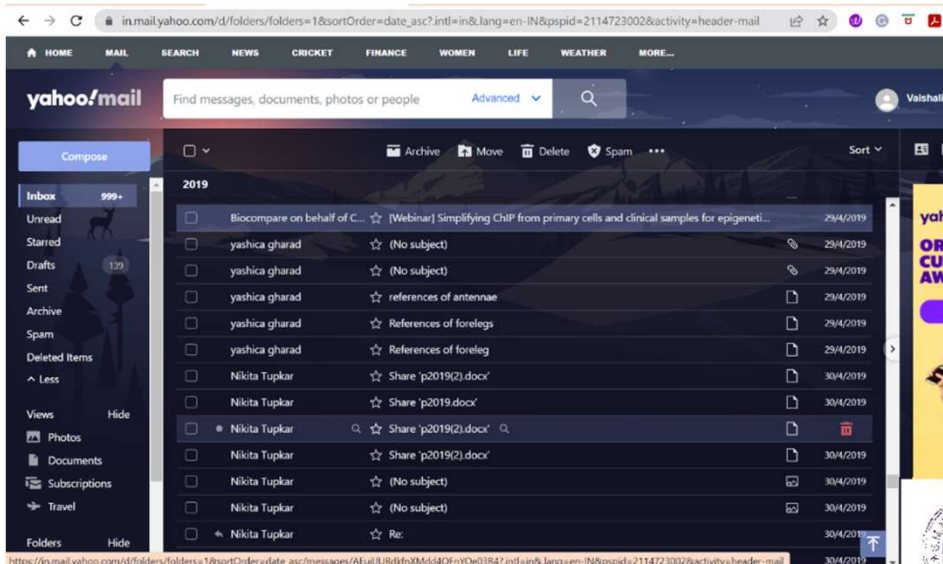


Circuit maker: 2020-21



Campus App: 2020-21

Email: For sharing resources, submission of assignments and other communications



2018-19



## Participative learning: Theory and practical classes, examinations, attendance, etc.

Assessment: Various tools were used for university examinations, unit tests, internal assessments, etc.

Test on Unit II (Root, Stem, & Leaf Morphology) (37 Points)

This test is scheduled on 16.04.2020. The unit test is a MCQ based examination carrying 35 marks. Questions carrying 2 points (marks) have more than 1 correct answer. The students need to score a minimum of 14 marks for passing the exam. The time period is 40 minutes.  
Best of Luck!

Shamali Khalatkar  
Dept. of Botany

Section 1

Student Details

Microsoft Forms: 2019-20

MasterSoft Cloud

DR NIKHIL VISHVAS PALANDE

9011093421  
nvpalande@gmail.com

11 Total Exams

289 Total Candidates

SRL 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

SRL NO.	BATCH NAME	NUMBER OF CANDIDATE
1	BSc Sem II 2020-21 Zoology	105
2	B.Sc II Sem IV (CS) 2020-21	47
3	BSc Sem III 2021-22 Zoology	108

MasterSoft Cloud Examination Application: 2020-21

MSc Sem- I Organic chemistry Unit - III

Unit Test Link of B. Sc. Semester-V

100 points

Click on following link and solve the answer of the question.  
<https://forms.gle/GtnBEkHnvP5UCAfS8>

Best of Luck!

Dr. M. G. Dhonde

Class comments

Add class comment

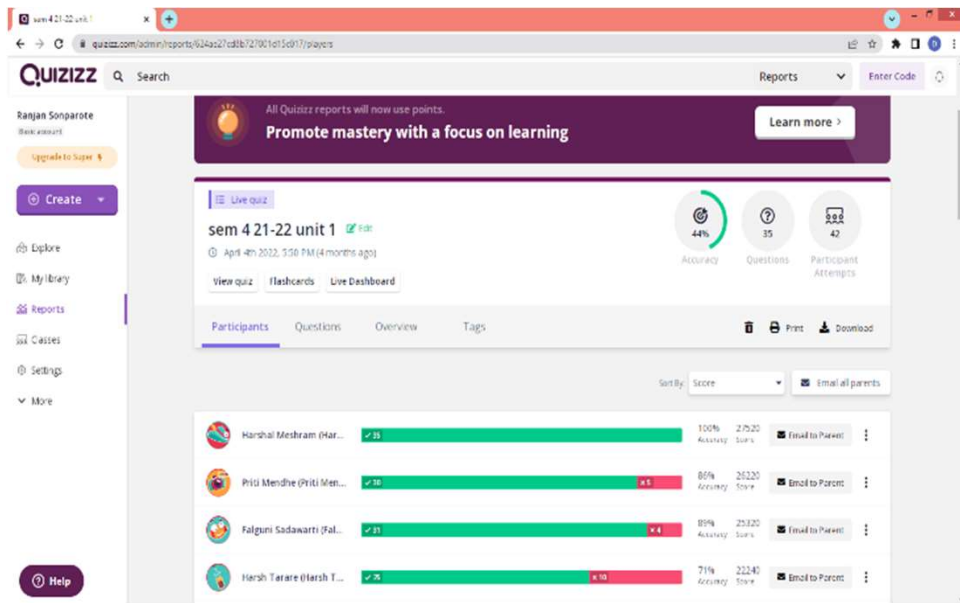
Google Forms: 2021-22



Google Classroom used for sharing link of examination conducted using Google Forms: 2020-21

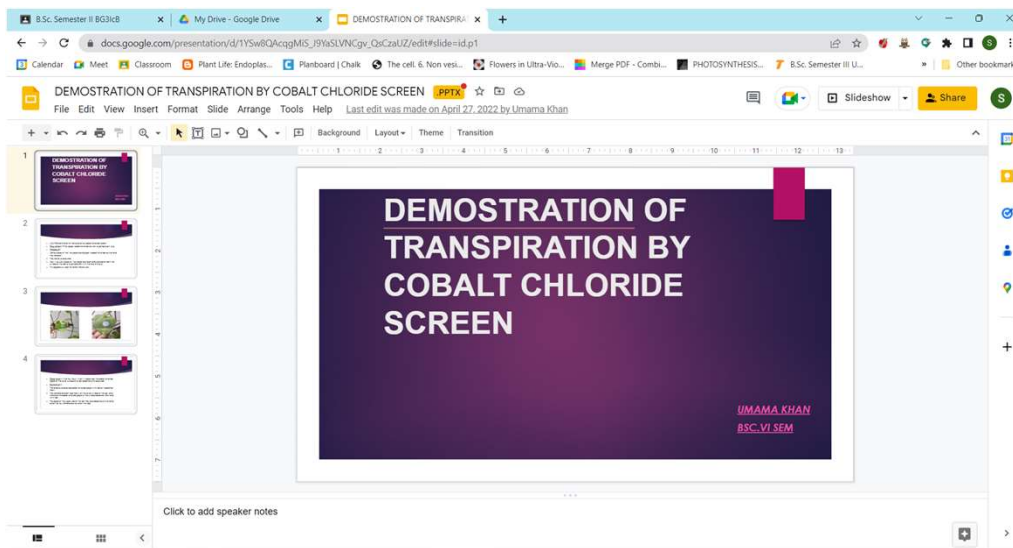


Assessment: Various tools were used for university examinations, unit tests, internal assessments, etc.

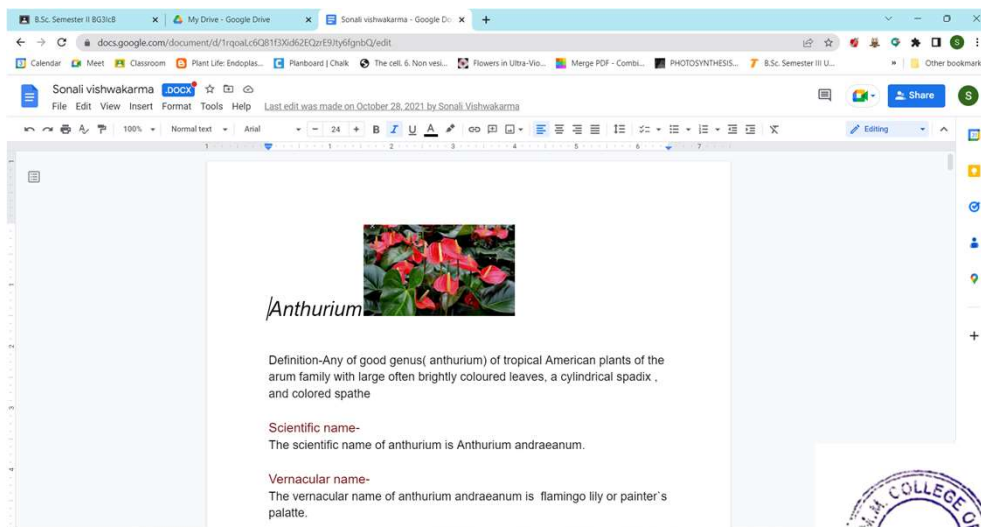


Quizizz: 2021-22

Assessment: Tools used for preparing, presenting, submitting assignments by the students



Google Slides: 2021-22

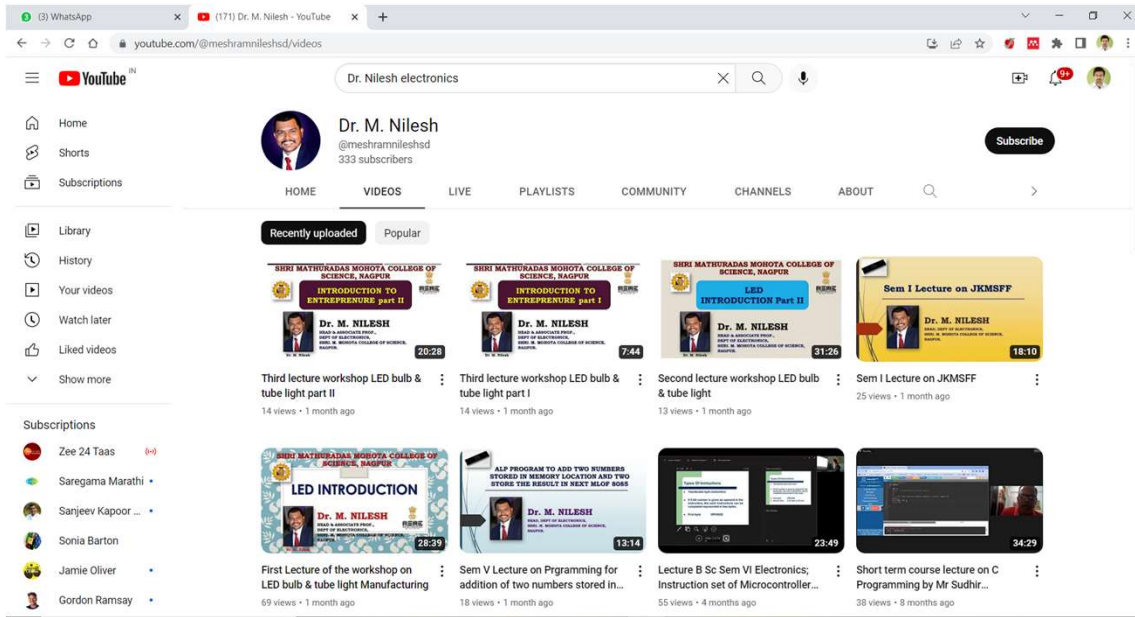


Google Docs: 2021-22



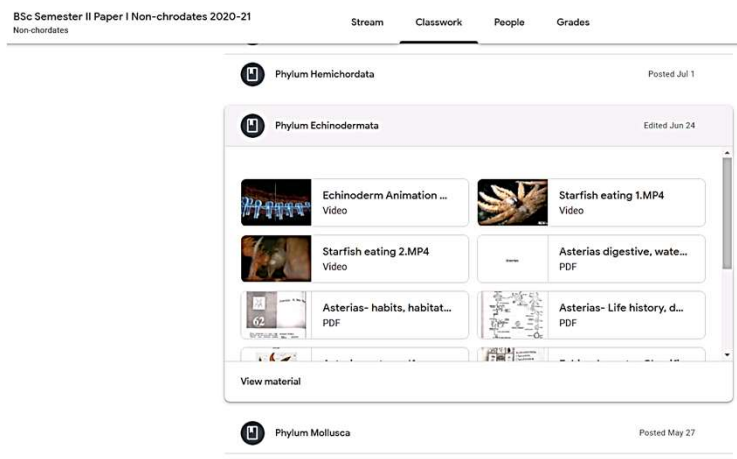
# Participative learning: Sharing of e-resources and other literature using ICT tools

Educational Videos: Videos prepared by the teachers of the college and those which are used by others



Videos prepared and shared on YouTube since 2019-20

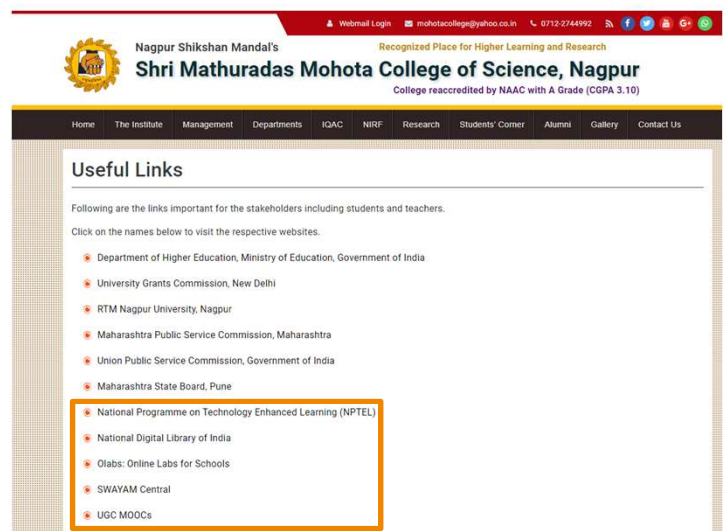
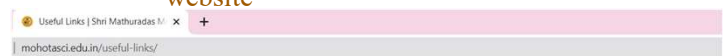
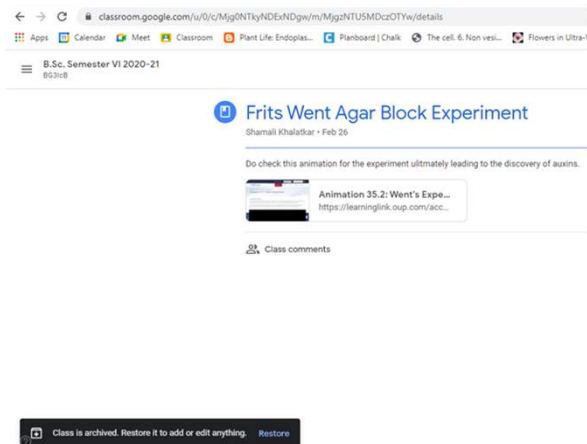
Name	Date	Type	Size	Length
Construction Of A D...	20-03-2019 08:30 AM	MP4 File	6,016 KB	00:02:15
cDNA library	17-12-2017 07:57 PM	MP4 File	1,865 KB	00:01:07
Reproduction of ba...	21-06-2017 03:33 AM	MP4 File	1,511 KB	00:00:56
Gram Staining	23-09-2014 09:54 AM	MP4 File	17,052 KB	00:03:22
cDNA	19-09-2014 07:38 AM	MP4 File	886 KB	00:00:55
lysis and lysisogeny	11-06-2014 05:59 PM	MP4 File	2,026 KB	00:02:08
The Lytic Cycle-HD	17-05-2014 10:25 AM	MP4 File	34,149 KB	00:02:22
EXPLORING THE IN...	05-05-2014 07:52 PM	MP4 File	34,019 KB	00:01:40
Bacterial Conjugati...	18-02-2014 03:19 PM	MP4 File	23,471 KB	00:01:58
Growth and Reprod...	08-02-2014 08:44 PM	MP4 File	1,55,810 KB	00:12:59
flagellum	22-01-2014 06:01 AM	MP4 File	6,942 KB	00:02:00
Motility in bacteria	18-01-2014 08:35 AM	MP4 File	9,672 KB	00:00:53
Binary fission.tlv	16-01-2014 12:36 AM	MP4 File	8,726 KB	00:03:44
Bacteria and Virus...	14-01-2014 02:15 PM	MP4 File	32,449 KB	00:05:26
SDS PAGE protei...	17-07-2013 09:31 PM	MP4 File	1,30,179 KB	00:09:15
Poly Acrylamide Gel...	17-07-2013 09:29 PM	MP4 File	38,732 KB	00:09:52
DNA Extraction by ...	17-07-2013 09:28 PM	MP4 File	85,410 KB	00:05:10



Videos downloaded from various sources and shared with students/ screened during classes: 2017-22

Animations: Shared on Google Classroom

Useful links: Links of various government agencies, e-resources databases displayed on the college website



2020-21



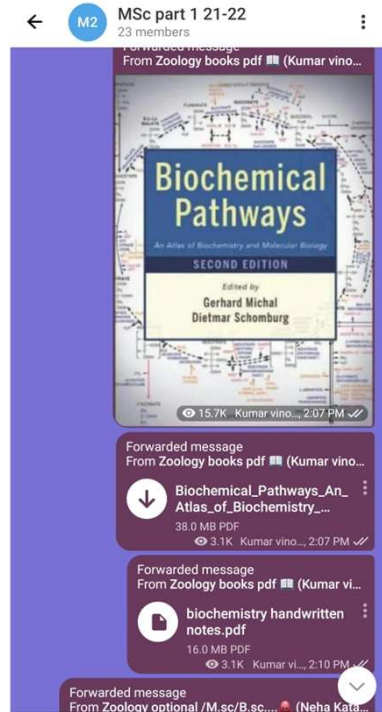
Open source reference materials: e-books, e-journals, etc.



e-book Library: 2021-22



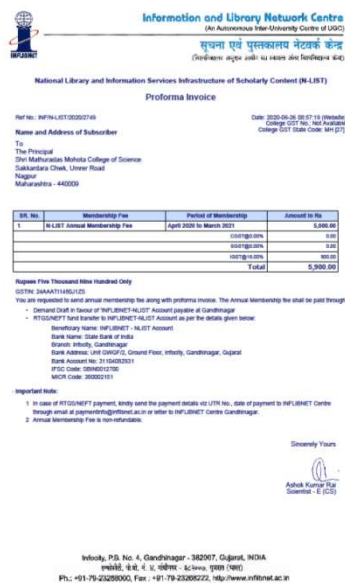
e-books: 2018-19



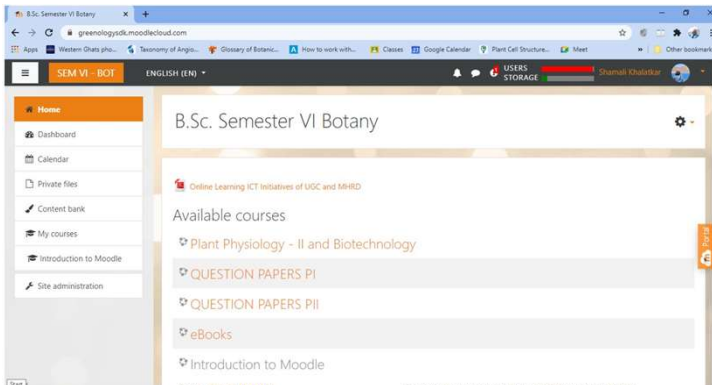
Use of WhatsApp for sharing resources: 2021-22

REGISTER OF						
Classification Of Assets 2021-2022						
Sr. No.	Description of Assets & Identification Particulars	Location	Date of Purchase	Supplier's Name	Cost	Total Cost
1	ESL Photo Drive Price ₹9990 + GST 10% LF card reader Model: X990 For five thousand students		18/11/2021	Shri. M. M. College of Science, Nagpur	₹1,13,880	₹1,13,880

RFID cards for the students to access books in the library: 2021-22



Subscription to N-LIST paid till up to 2025



Use of Moodle Cloud to share resources: 2019-20

logs - Excel (Product Activation Failed)

Time	User Id Name	Affected user	Event content	Component	Event name	Description	Origin	IP address
3	10/03/19, 19:17	Vaidhevi Kuttamar	Forum Announcements	Forum	Course module viewed	The user with id '26' viewed the forum activity with course module id '57'.	web	106.67.83.61
9	10/03/19, 19:17	Vaidhevi Kuttamar	Course M.Sc. Semester III Page V Module IV	System	Course viewed	The user with id '26' viewed the course with id '30'.	web	106.67.83.61
11	10/03/19, 19:17	Vaidhevi Kuttamar	System	System	User has logged in.	The user with id '26' has logged in.	web	106.67.83.61
12	10/03/19, 19:19	Vaidhevi Kuttamar	Vaidhevi Kuttamar	System	User profile viewed	The user with id '26' viewed the profile for the user with id '30'.	web	106.67.83.61
13	10/03/19, 19:20	Vaidhevi Kuttamar	Course M.Sc. Semester III Page V Module IV	System	Course viewed	The user with id '26' viewed the course with id '30'.	web	106.67.83.61
14	10/03/19, 19:23	Vaidhevi Kuttamar	Vaidhevi Kuttamar	System	Dashboard viewed	The user with id '26' has viewed the dashboard.	web	106.67.83.61
15	10/03/19, 19:24	Vaidhevi Kuttamar	Forum page	System	Course viewed	The user with id '26' viewed the forum page with id '30'.	web	106.67.83.61
16	10/03/19, 19:24	Vaidhevi Kuttamar	Course M.Sc. Semester III Page V Module IV	System	Course viewed	The user with id '26' viewed the course with id '30'.	web	106.67.83.61
17	10/03/19, 19:26	Vaidhevi Kuttamar	Course M.Sc. Semester III Page V Module IV	System	Course viewed	The user with id '26' viewed the course with id '30'.	web	106.67.83.61
18	10/03/19, 19:26	Vaidhevi Kuttamar	Forum page	System	Course viewed	The user with id '26' viewed the forum page with id '30'.	web	106.67.83.61
19	10/03/19, 19:42	Rida Khan	Forum page	System	Course viewed	The user with id '26' has viewed the forum page with id '30'.	web	157.33.826.963
20	10/03/19, 19:42	Rida Khan	Assignment: Assignment: "Conservation Story A Case Study"	Assignment	The status of the submission	The user with id '29' viewed the assignment activity with course module id '57'.	web	157.33.826.963
21	10/03/19, 19:42	Rida Khan	Assignment: Assignment: "Conservation Story A Case Study"	Assignment	Course module viewed	The user with id '29' viewed the course module id '57'.	web	157.33.826.963
22	10/03/19, 19:42	Rida Khan	System	System	User has logged in.	The user with id '26' viewed the "resources" activity with course module id '57'.	web	157.33.826.963
23	10/03/19, 19:25	Priyanka Gajbhiye	File: Biodiversity Conservation in India	System	Course module viewed	The user with id '26' viewed the course module id '30'.	web	49.35.109.68
24	10/03/19, 19:25	Priyanka Gajbhiye	Course M.Sc. Semester III Page V Module IV	System	Course viewed	The user with id '26' viewed the course with id '30'.	web	49.35.109.68



2018

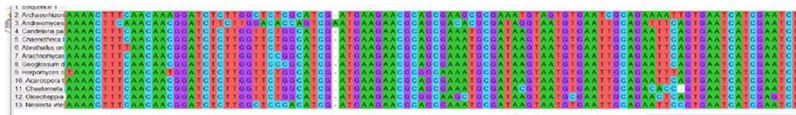
2019

2022

e-content from MOOCs and other sources

2020-21

Bioinformatics tools and databases



2020-21



2013-14 onwards

# Participative learning: Guest lectures

President  
Shri A. K. Gadhvi  
Tel: 2426883

Secretary  
DR. HARISH RATHI  
Tel: 973037001

Principal  
DR. J. R. DONTULWAR  
Tel: 9890943225

Ref: MMC/SR-295/2021 Date: 02 March 2021

To  
Ms. Vaishnavee Kulkarni  
Assistant Professor,  
Department of Biodiversity,  
Dr. B. N. Bandodkar College, Thane,  
Maharashtra, India

Subject: Invitation letter for a guest lecture as part of celebrations of the World Wildlife Day 2021

Respected madam,

Greetings from Shri Mathuradas Mohota College of Science, Nagpur!!!  
Our college is celebrating the World Wildlife Day on 03 March 2021. As part of the celebrations, we wish to invite you as the guest speaker. We know that you have keen interest in 'biodiversity and its conservation'. We do understand the importance of conservation of the wildlife, especially during the current scenario, where due to anthropogenic activities; many of the species are endangered and some are on the verge of extinction. We wish to take advantage of your 'on field experience' to make our students aware about the biodiversity and its conservation.

Therefore, we request you to accept our invitation to deliver an online lecture on 03 March 2021 at 12 noon. The target audience will be the students of undergraduate and post-graduate course and the teaching staff. We hope that you can spare time from your busy schedule and guide our students and teachers.

Thanking you in anticipation,

Yours faithfully,

*Dheat*  
Dr. Jeevan R. DONTULWAR  
Principal,  
Shri Mathuradas Mohota College of Science,  
Nagpur



Ayachit Rd, Sakkardara Chowk, Raghujji Nagar, near Amrut Mishthan Bhandar, Raghujji Nagar, Nagpur, Maharashtra 440009, India

Latitude  
21.12781747° Longitude  
79.11156324°

Local 12:14:49 PM Altitude 252.44 meters  
GMT 06:44:49 AM Wednesday, 03-03-2021

Ref: MMC/SR-307/2021 Date: 08 March 2021

To  
Ms. Vaishnavee Kulkarni  
Assistant Professor,  
Department of Biodiversity,  
Dr. B. N. Bandodkar College, Thane,  
Maharashtra, India

Respected madam,

Greetings from Shri Mathuradas Mohota College of Science, Nagpur!!!  
I wish to thank you for delivering an interactive talk on 03 March 2021 to celebrate the World Wildlife Day 2021. The students and teachers who attended the talk are indeed grateful for describing your first hand experiences about working in the wild. Your experiences and tips for working in the field of biodiversity and conservation were really helpful for all the aspirants. You have certainly invoked a desire in students to seek career opportunities in biodiversity conservation. We are fortunate to have an association with you.


We are looking forward to hear from you in the future as well.

Thanking you once again,

Yours faithfully,


*Dheat*  
Dr. Jeevan R. DONTULWAR  
Principal,  
Shri Mathuradas Mohota College of Science,  
Nagpur

Department of Zoology  
in collaboration with  
Environment Protection Cell and IQAC  
of  
Nagpur Shikshan Mandal's  
**Shri Mathuradas Mohota College of Science, Nagpur**  
invites you to attend an online  
**GUEST LECTURE**  
to celebrate the  
**WORLD WILDLIFE DAY**  
**2021**  
**: LECTURE DETAILS :**  
03 March 2021 : 12 noon to 1 pm



**Ms. Vaishnavee Kulkarni**  
Assistant Professor,  
Department of Biodiversity,  
Dr. B. N. Bandodkar College, Thane,  
Maharashtra, India  
**'A walk into the wild'**

Click on the icon to join the meeting



**"No water, no life.  
No blue, no green"**

- Sylvia Earle,  
Oceanographer

Attendance World Wildlife Day 2021 - ...

Sl. No.	Name	Date	Time	Duration	
4	Anshuli Meshram	3/3/2021	12:31	3/3/2021 13:54	1:23:01
5	Anuj Admane	3/3/2021	12:31	3/3/2021 13:54	1:23:01
6	Anushri Jambhule b1	3/3/2021	12:13	3/3/2021 13:54	1:41:18
7	Anushri Rohankar	3/3/2021	12:13	3/3/2021 13:22	1:09:12
8	Apeksha Kothe	3/3/2021	12:45	3/3/2021 13:54	1:08:39
9	Apeksha Sundre	3/3/2021	12:13	3/3/2021 12:45	0:32:44
10	Apurva Patil	3/3/2021	12:45	3/3/2021 13:54	1:08:39
11	Archana Sawane	3/3/2021	12:13	3/3/2021 12:45	0:32:44

## The Story of Crabs

*Ocyropsis ceratophthalma*  
*Ocyropsis cordimana*




Feedback Form for World Wildlife Day 2021 (Completed) - Guest Professor (Anonymous Feedback)


Sl. No.	Time	Batch	Subject	Name of the student	Email ID	Mobile Number	Class	Batch / Subject (in case What was your knowledge What was your knowledge kindly rate the talk by Priority in %)	Rating	Feedback	Comments
1	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
2	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
3	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
4	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
5	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
6	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
7	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
8	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
9	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
10	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
11	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
12	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
13	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
14	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
15	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
16	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
17	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
18	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
19	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
20	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
21	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
22	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
23	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
24	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
25	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
26	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good
27	3/3/2021 15:14	20200101	BSc Sem I	Swati Shrinani	swati123@gmail.com	982420008	BSc Sem I	Biology	Good	Excellent	Very Good

### REPORT ON CELEBRATION OF WORLD WILDLIFE DAY 2021

The World Wildlife Day 2021 was celebrated by Department of Zoology in collaboration with the Internal Quality Assurance Cell and the Environment Protection Cell of Shri Mathuradas Mohota College of Science, Nagpur by organizing an online guest lecture on 3 March 2021.

The details of the lecture are as follows:  
Date: 3 March 2021  
Timings: 12 noon to 1 pm  
Platform: Google Meet  
Meet Link: [meet.google.com/taz-ppdw-0jh](https://meet.google.com/taz-ppdw-0jh)  
Name of the Guest Speaker: Ms. Vaishnavee Kulkarni, Assistant Professor, Department of Biodiversity, Dr. B. N. Bandodkar College, Thane, Maharashtra, India  
Title of the talk: 'A walk into the wild'  
YouTube Link: <https://www.youtube.com/watch?v=nV7HRwW-sIQ>  
Participants: 109 (93 students of BSc and MSc and 16 teachers)

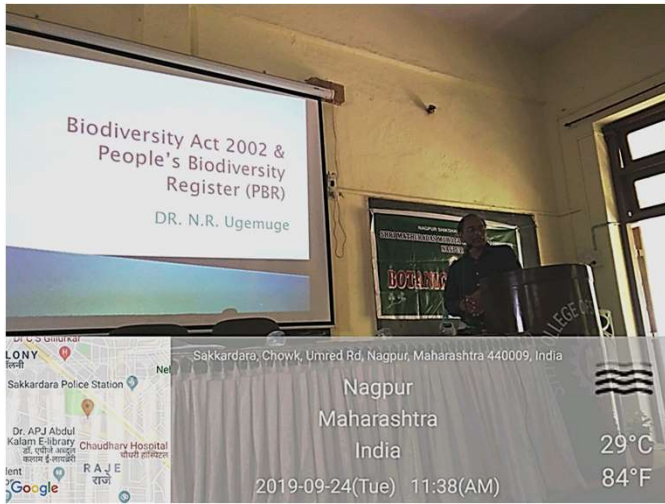
The speaker who is pursuing her PhD in Biodiversity shared her personal experiences of working with turtles, crabs, owls and biodiversity conservation in general. The students and teachers were benefitted with first hand experiences and technical difficulties encountered while working in the wild. The content and the delivery of the talk invoked a desire in students to seek career opportunities in biodiversity conservation. The students freely discussed their questions on various aspects covering handling of animals in the wild, animal behavior, tiger conservation projects, etc.



*Dheat*  
**Jeevan R. DONTULWAR**  
Principal,  
S.M.M. College of Science,  
Nagpur

Celebration of the World Wildlife Day 2021: Guest Lecture by Ms. Vaishnavee Kulkarni

**Participative learning: Guest lectures**



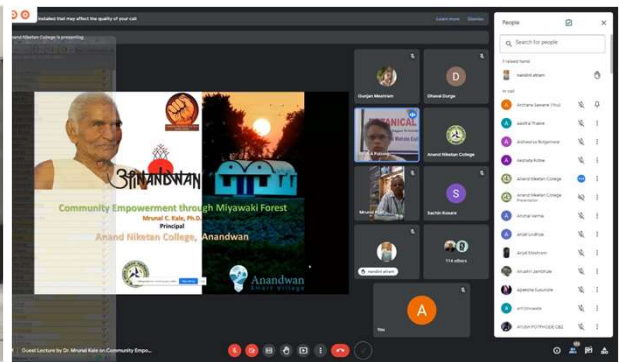
Guest lecture by Dr. N. R. Ugemuge: 2019-20



Guest lecture by Dr. D. K. Ghosh: 2017-18



Dr. K. D. Gomkale Commemorative Guest Lecture Series: 2019-20 onwards



Guest lecture by Mr. A. Kshirsagar: 2021-22



Guest lecture by Dr. Ashwin Ankar: 2017-18



NAGPUR SHIKSHAN MANDAL  
**IQAC**  
 of  
**Shri Mathuradas Mohota College of Science, Nagpur**  
 is organizing an inter-departmental activity under  
 social outreach program on  
**"Economic Importance of Azolla"**

**Resource Person**  
**Dr. S. R. Deshmukh**  
 Department of Microbiology,  
 Shivprasad Sadanand Jaiswal College,  
 Arjuni Morgaon, Dist. Gondia

Dr. J. R. Dontulwar, Principal  
 Dr. (Mrs.) R.S. Saha, IQAC Coordinator  
 Date: Friday, 18<sup>th</sup> Feb 2022  
 Time: 12.00 pm  
 Venue: New MSc Zoology Lab  
 Dr. A. A. Fulele, PG Coordinator, Botany  
 Dr. P. U. Gajbe, PG Coordinator, Zoology



Guest lecture by Dr. S. R. Deshmukh: 2021-22

**Participative learning: Guest lectures**

'NAGPUR SHIKSHAN MANDAL'S'  
**S.M. MOHOTA COLLEGE OF SCIENCE**  
**NAGPUR**  
 (College Reaccredited by NAAC with 'A' Grade)

DEPARTMENT OF COMPUTER SCIENCE  
 IN ASSOCIATION WITH  
 DEPARTMENT OF ROBOTICS & CLOUD TECHNOLOGY, RTMNU  
 ORGANIZES  
 A SEMINAR ON  
**"TRENDS AND OPPORTUNITIES IN CLOUD TECHNOLOGY & INFORMATION SECURITY"**

REGISTER ONLINE OR SCAN CODE FOR REGISTRATION  
<https://bit.ly/30CsZ6a>

**Tuesday**  
**23 November 2021**  
**12:00 Noon**

E - Certificates will be Provided to all Participants

Resource Person  
**Mr. Anil Tatode**  
 Training officer  
 Dept. of Robotics & Cloud , RTMNU

**SEMINAR AGENDA**

- Know how of Industry Insights
- Introduction to Cloud Technology
- User Segments
- Revenue Forecast - India
- Revenue Forecast - Global
- Jobs Profile in Cloud Technology
- Employment Opportunities in India
- Global Employment Opportunities

Dr. J. R. Dontulwar  
 Principal  
 SMMCS , Nagpur

Dr. R. S. Saha  
 Vice Principal  
 SMMCS, Nagpur

Dr. Sudhir Agarmore  
 Head, Dept. of Computer Science.  
 SMMCS, Nagpur

**CERTIFICATE OF PARTICIPATION**  
 This is presented to **Shikhi Ravankar**, for Participation in  
 Seminar On  
**"Trends and Opportunities in Cloud Technology & Information Security"**  
 Organized by Department of Computer Science, Shri Mahadevas Mohasa College of Science, Nagpur in association with Department of Robotics & Cloud Technology, RTMNU, Nagpur, MS. On November 23, 2021.

Prof. Anil Tatode  
 Training officer  
 Dept. of Robotics & Cloud Tech., RTMNU, Nagpur

Dr. Jagdish Shukh  
 Head, Dept. of Computer Science, SMMCS, Nagpur

Dr. Jagan Dhanrajkar  
 Head, Dept. of Information Technology, SMMCS, Nagpur

Chowk, Umred Rd, Raghuji Nagar, Nagpur, Maharashtra 440009, India  
 Lat: N 21°7'40.63728 Date: 23/11/2021  
 Long: E 79°6'41.55984 Time: 01:30 PM null°C

Seminar on 'Trends and Opportunities in Cloud Technology and Information Security': 2021-22

सुनो दिल से दिल की बात  
 डा. प्रमोद मुंधडा  
 जीवो गुरु ते भवतु  
 शिरोधार्य प्रो. प्रो. प्रो. प्रो.

Guest lecture by Dr. Pramod Mundhada: 2017-18

Sakkardara, Chowk, Umred Rd, Raghuji Nagar, Nagpur, Maharashtra 440009, India  
 Nagpur  
 Maharashtra  
 India  
 2022-02-28(Mon) 01:29(pm)  
 30°C  
 86°F

Guest lecture by Prof. D. D. Barsagade: National Science Day 2022

**Radiation**  
 Only artificial sources pose a significant threat

- Medical Equipment
- Radio pharmaceuticals
- Industrial instruments
- Food irradiation facilities
- Nuclear research laboratories
- University research reactors
- Nuclear weapons
- Nuclear power plants

Guest lecture by Dr. A. Luharia on 'Radiation Biology': 2018



Sakkardara, Chowk, Umred Rd, Raghuji Nagar, Nagpur, Maharashtra 440009, India  
 Nagpur  
 Maharashtra  
 India  
 2021-10-16(Sat) 03:41(pm)  
 31°C  
 88°F

Guest lecture by Dr. V. Dani on 'Organ Donation': 2021-22

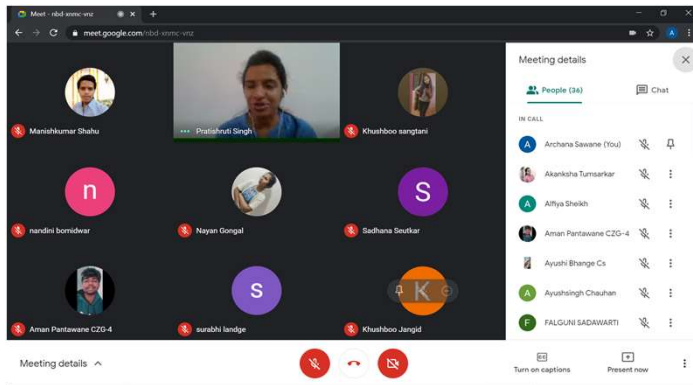


**Participative learning: Guest lectures**



Latitude: 21.128277  
 Longitude: 79.111531  
 Elevation: 306.49m  
 Accuracy: 3.8m  
 Time: 15-02-2020 13:41  
 Note: Guest lecture By Dr. V. V. Soman

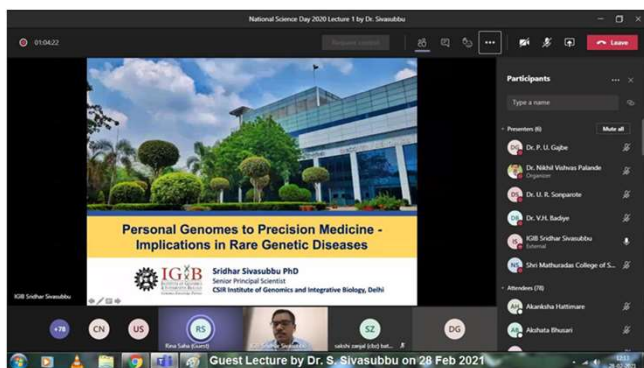
Guest lecture on 'Effective use of MS Excel' by Dr. V. V. Soman: 2019-20



Guest lecture by Dr. Singh during online Campus Recruitment Training session: 2021-22



Online lecture series and examination: 2021-22



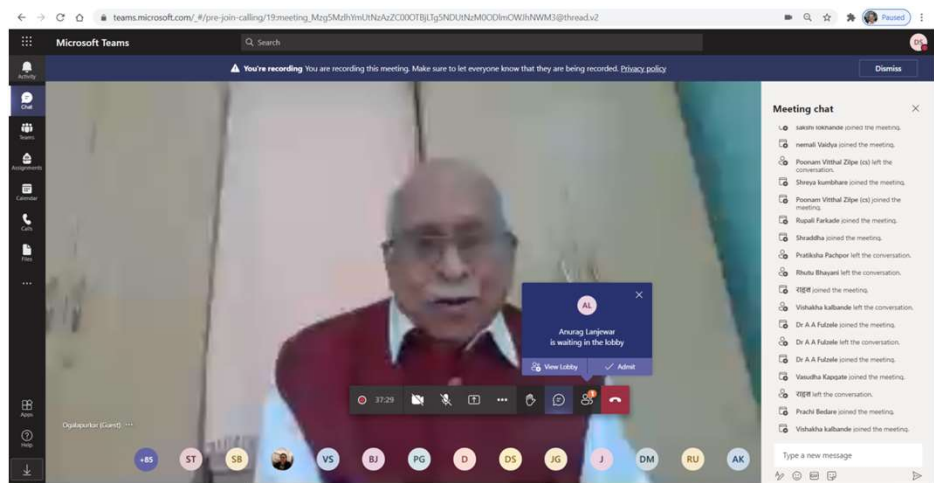
Online guest lecture on 'Personal Genomes to Precision Medicine-Implications in Rare Genetic Diseases' by Dr. Sridhar Sivasubbu, CSIR-IGIB, New Delhi.



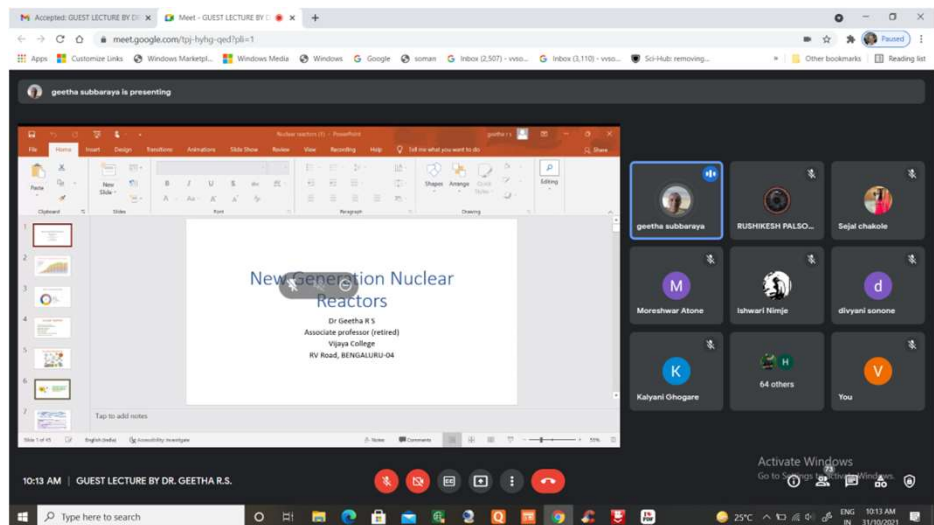
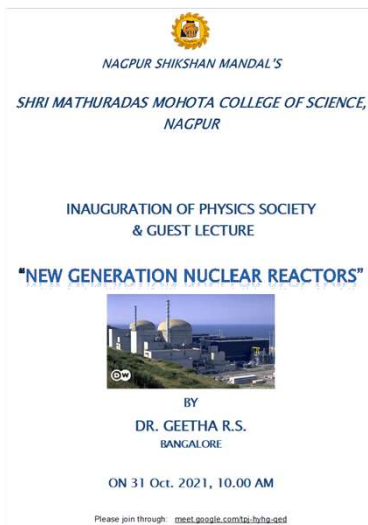
Online guest lecture on 'COVID-19 Genomics: Mutations, Reinfections and Escapes' by Dr. Vinod Scaria, CSIR-IGIB, New Delhi.



## Participative learning: Guest lectures



Online lecture by Prof. M. L. Ogalapurkar on 'Fermi problems' to celebrate the National Science Day: 2020-21



Guest lecture by Dr. Geetha R. S. on 'New Generation Nuclear Reactors' to inaugurate Physics Society: 2021-22

**Participative learning: Guest lectures**

**Prof. V. M. Tak Commemorative Guest Lecture Series**



**Popular talk by Dr. Jugade on ‘Polarography’: 2019-20**



**Popular talk by Dr. Tangde on ‘Statistical Thermodynamics’: 2019-20**

## Participative learning: Guest lectures by Environment Protection Cell

Guest lecture organized to celebrate the World Environment Day: 2021-22

Guest lecture organized to celebrate the International Tiger Day: 2021-22

1	First name	Last name	Email	Duration	Time joined	Time exited
2	Surabhi	Agarwal	surabhi@...	0:00	6:00 PM	6:00 PM
3	Shubham	Chhapekar	shubham@...	0:00	6:00 PM	6:00 PM
4	Shrushti	Chhapekar	shrushti@...	0:00	6:00 PM	6:00 PM
5	Pratik	Chhapekar	pratik@...	0:00	6:00 PM	6:00 PM
6	Manish	Chhapekar	manish@...	0:00	6:00 PM	6:00 PM
7	Manish	Chhapekar	manish@...	0:00	6:00 PM	6:00 PM
8	Manish	Chhapekar	manish@...	0:00	6:00 PM	6:00 PM
9	Manish	Chhapekar	manish@...	0:00	6:00 PM	6:00 PM
10	Manish	Chhapekar	manish@...	0:00	6:00 PM	6:00 PM
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49	Manish	Chhapekar	manish@...	0:00	6:00 PM	6:00 PM
50	Manish	Chhapekar	manish@...	0:00	6:00 PM	6:00 PM

Guest lecture organized to celebrate Big Butterfly Month: 2021-22



**Participative learning: Webinars, seminars, conferences, symposia, etc.**



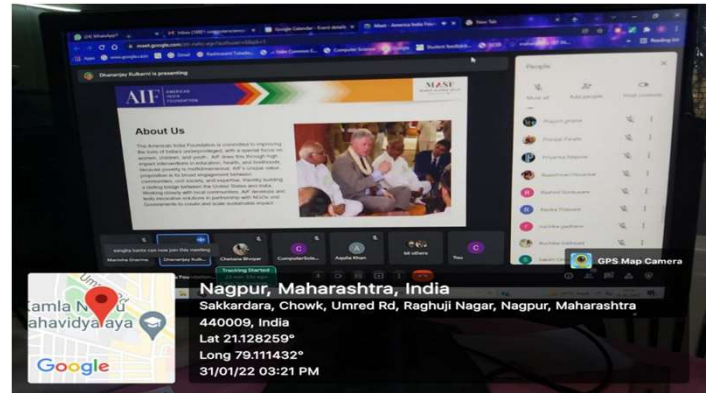
Dr. Pendsey during one day symposium on ‘Research Development & Communication in Modern Electronics - 2017’ (RDCME-17): 2017-18



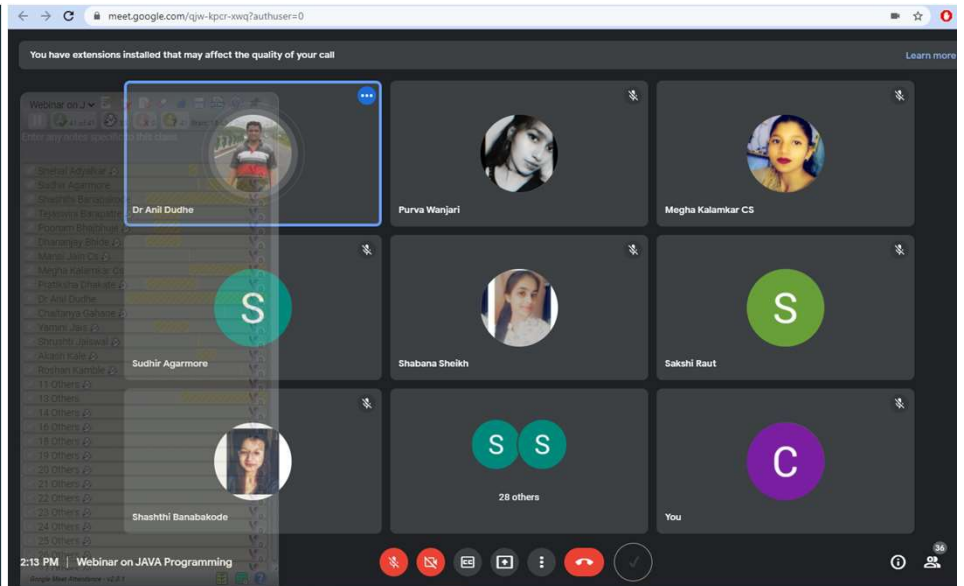
Prof. Deshpande during one day symposium on ‘Research Development & Communication in Modern Electronics - 2017’ (RDCME-17): 2017-18



University level symposium on ‘Fundamentals of Electro-Botics & Computing-2022’: 2021-22



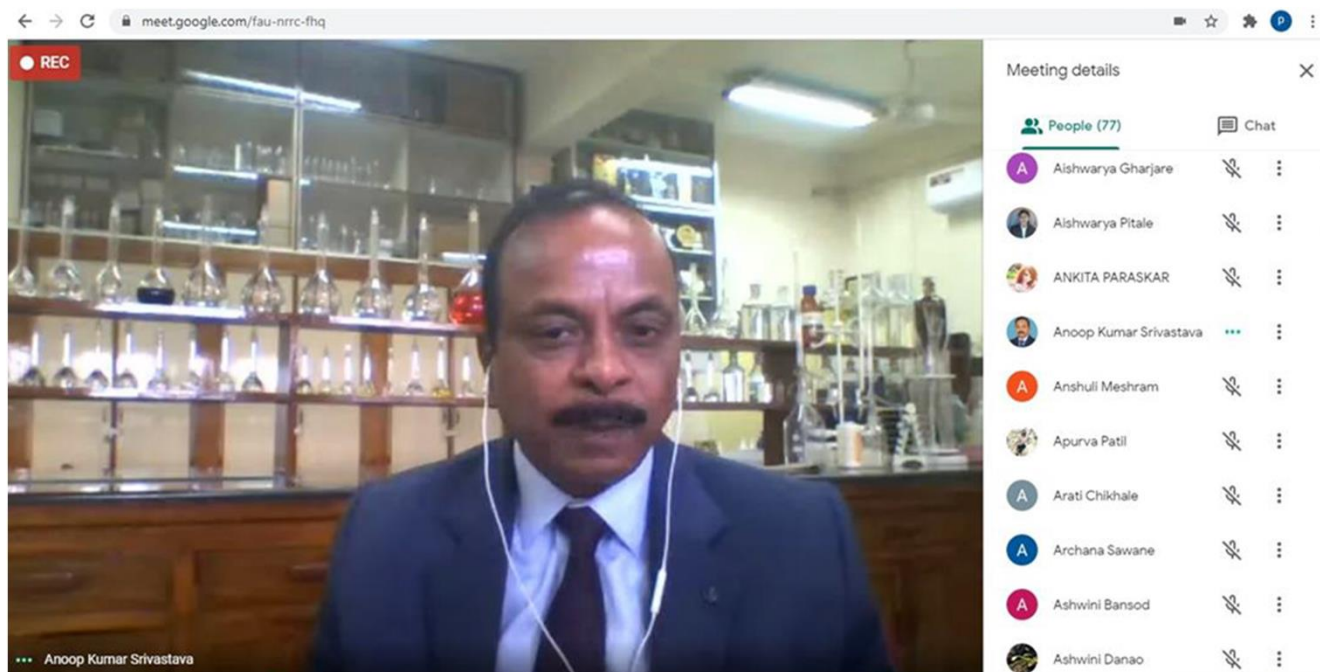
Webinar by American Indian Foundation 2021-22



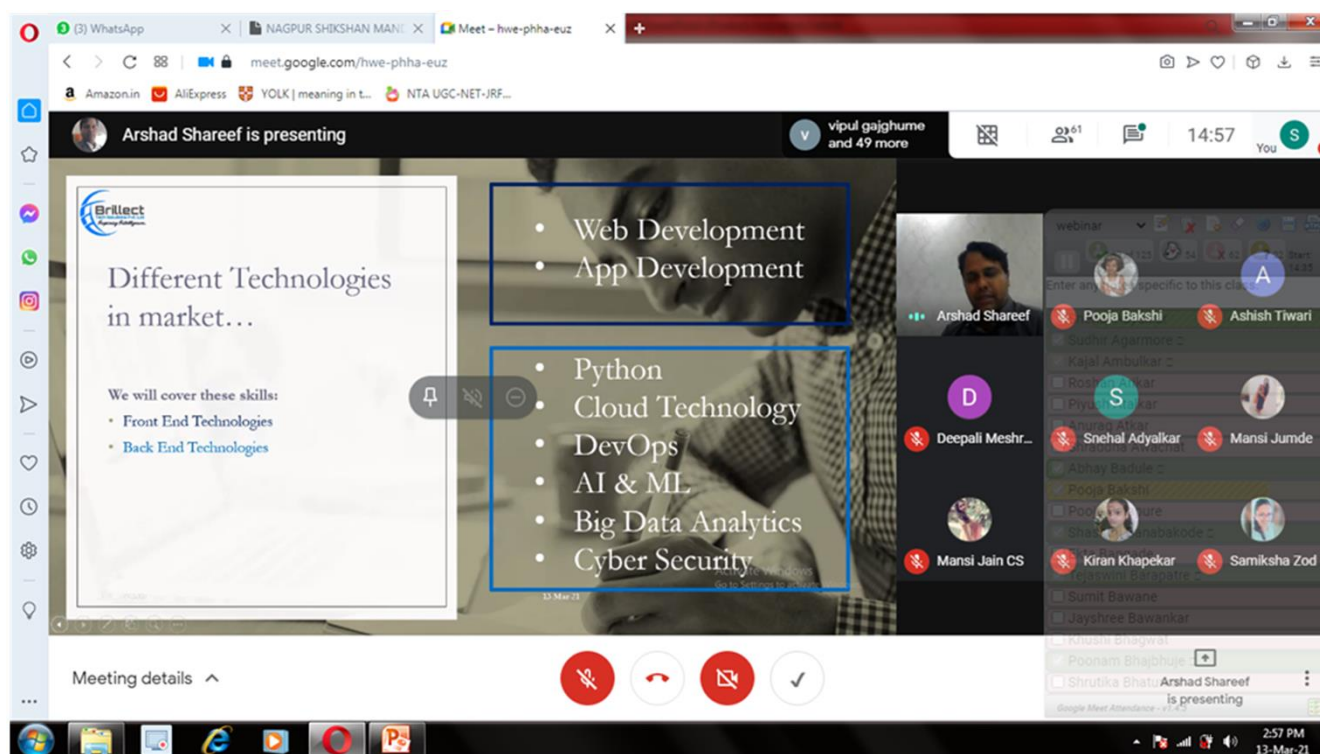
Webinar on ‘Java Programming’: 2021-22



## Participative learning: Webinars, seminars, conferences, symposia, etc.



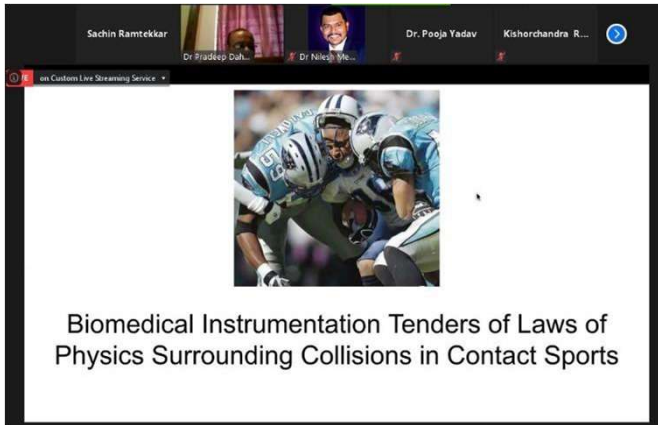
Online guest lecture by Dr. Anoop Srivastava on 'Research Opportunities in Citrus': 2020-21



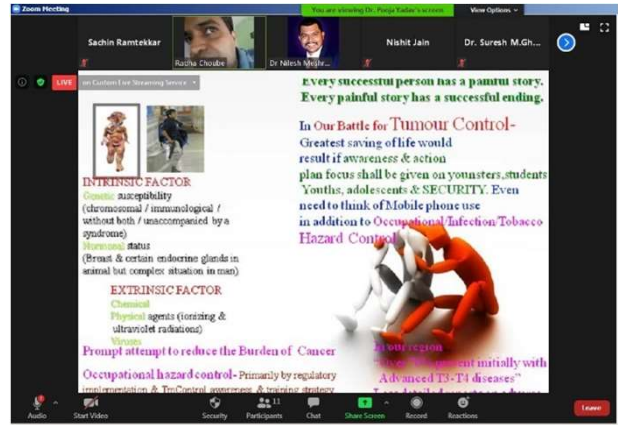
Webinar on 'Emerging Technologies & Their Applications In Computer Science': 2020-21

**Participative learning: Webinars, seminars, conferences, symposia, etc.**

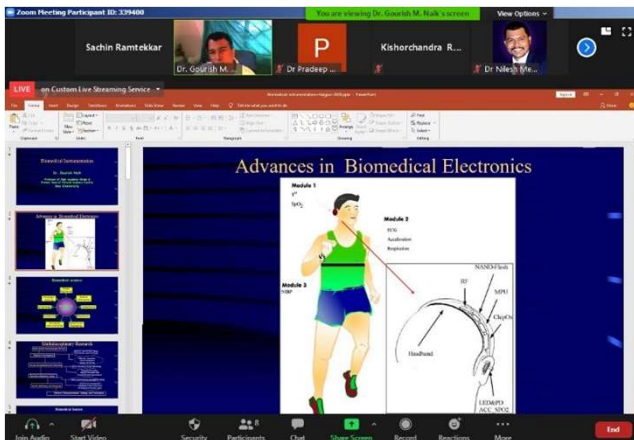
Two Days International Web Symposium on ‘Biomedical Instrumentation: A Boon To Healthcare Industry – 2020’ (BIBHI-2020): 2020-21



Biomedical Instrumentation



Tumor Control Comprehension – Medical Physicist Perspectives



Biomedical Instrumentation

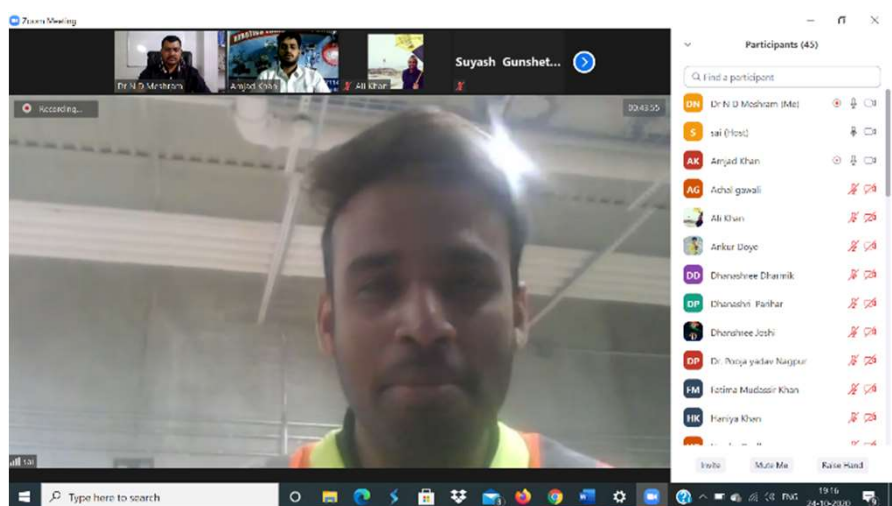


IOT for Healthcare Industries: its Advantage and Challenges

**Webinar on ‘Online Courses; Foreign Internships and Jobs Opportunities’**



Flyer



Mr. Sai, Toronto, Canada delivering his lecture





## Participative learning: Short-term skill based certificate courses

GROUP A	GROUP B	GROUP C
Personality Development and Soft Skills	Vocational Training program	Vocational Training program
Functional English- Dr. J. A. Janbandhu	Mushroom cultivation- Dr. A. A. Fulzele	Noise pollution and control- Dr. J. N. Ramteke
Legal awareness and social ethics - Dr. S. G. Goswami	Sericulture- Dr. Mrs. U. R. Sonparote	Water and Soil Analysis- Dr. Mrs. R. R. Gupta
Woman's Reproductive health and hygiene- Dr. R. S. Saha	Idea about ground water exploration- Dr. S. P. Joshi	Printed Circuit Board design- Dr. N. D. Meshram
Yoga and Physical fitness- Dr. S. S. Bhonsale		Computer Fundamentals- Mr. S. B. Agarmore
Compulsory for all	Students of Botany / Zoology / Geology groups	Students of Mathematics / CS / Electronics

### Short-term Skill based certificate courses: 2021-22



Shri Mathuradas Mohota College of Science, Nagpur.

Department of Zoology

Short Term Course Report – 17-18

Course Coordinator- Dr. Mrs U.R. Sonparote

Department of Zoology organized a short term course on 'Sericulture' from 19.7.2017 to 21.7.2017. Students of batch B2 and B4 of Sem I attended the course.

Dr. S. K. Sharma, retired Sericulture Development Officer, District Sericulture Office, Bhandara and Dr. Manoj Bangadkar, post graduate faculty of Sevadal Mahavidyalaya, Nagpur were invited as guest speakers.

On 19.7.2017 Dr. Mrs. U.R.Sonparote introduced the subject to students.

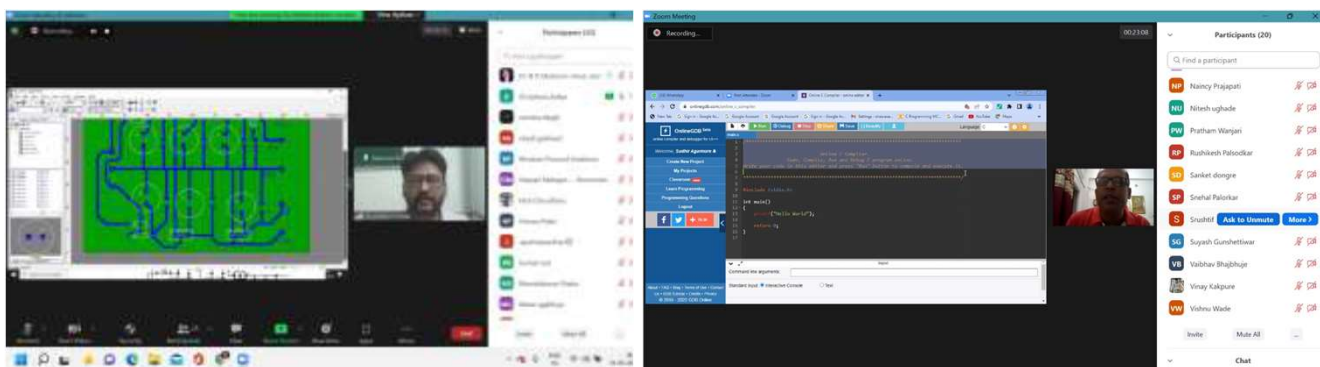
Dr. S.K.Sharma delivered a lecture on 20.7.2017 on Culture, Management and Marketing of 'Tasar Sericulture'. He also emphasized on self employment opportunities in the field.

Dr. Manoj Bangadkar covered all the aspects of 'Mulberry Sericulture' in his lecture given on 21.7.2017. He also added the details of current research going on in the field.

This course was organized to make students aware about the self employment opportunities available related to Zoology subject.

*U.R. Sonparote*

### Short-term Skill based certificate course on 'Sericulture': 2017-18



### Theoretical aspects of a short term course on 'Printed Circuit Board Design & Implementation and Computer Application': 2021-22

Students were offered short-term skill based courses which were related to the subject combination that they had chosen for graduation.

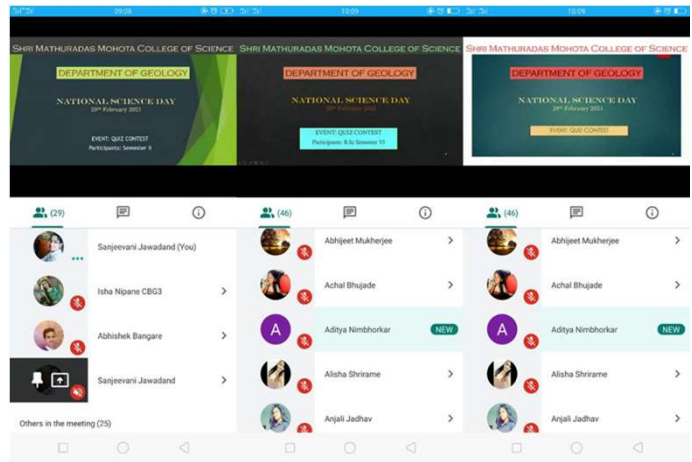




# Participative learning: Science quiz competition



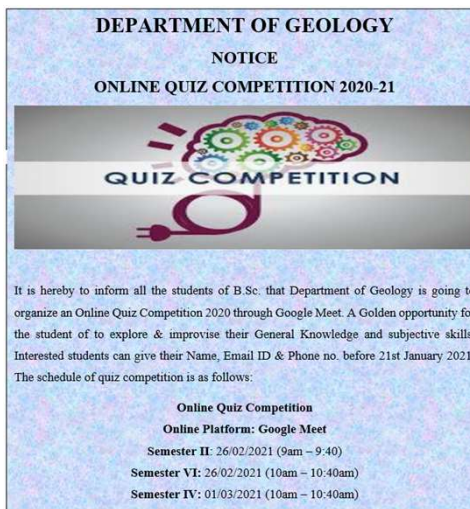
Online Science Quiz Competition: 2021-22



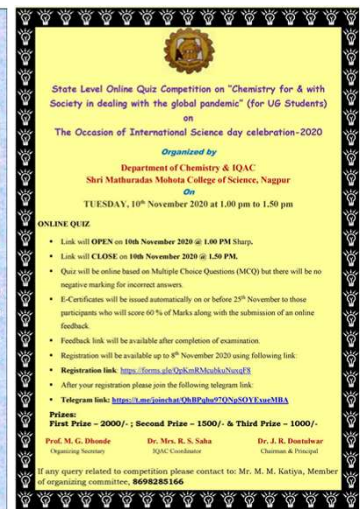
Online Science Quiz Competitions to celebrate the National Science Day 2021: 2018-19



Quiz Competition: 2018-19



Online Quiz Competition: 2020-21



Online State Level Quiz Competition: 2020-21



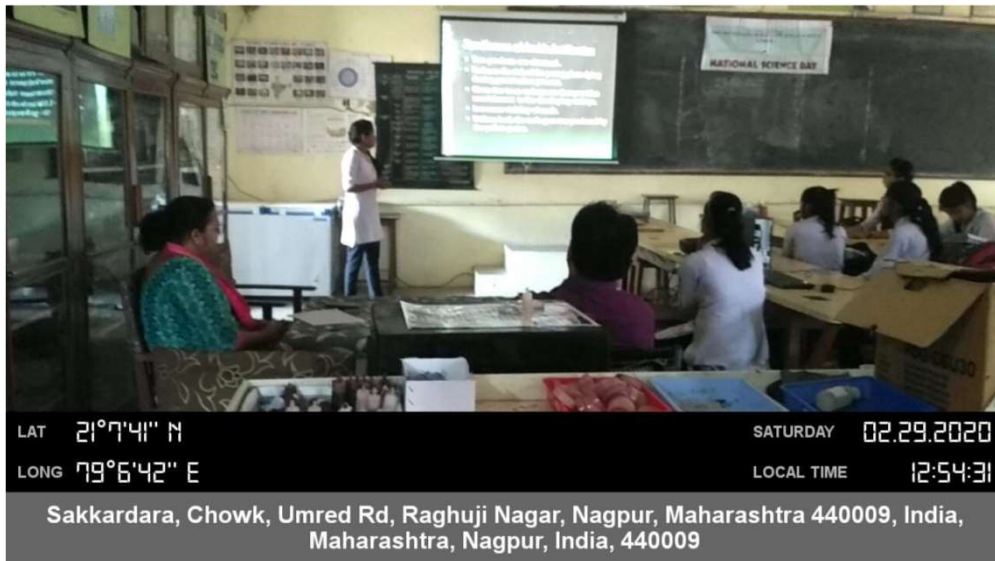
Quiz Competition: 2017-18



Quiz Competition: 2021-22



## Participative learning: Seminar and essay competitions



PowerPoint Seminar Competition: 2019-20

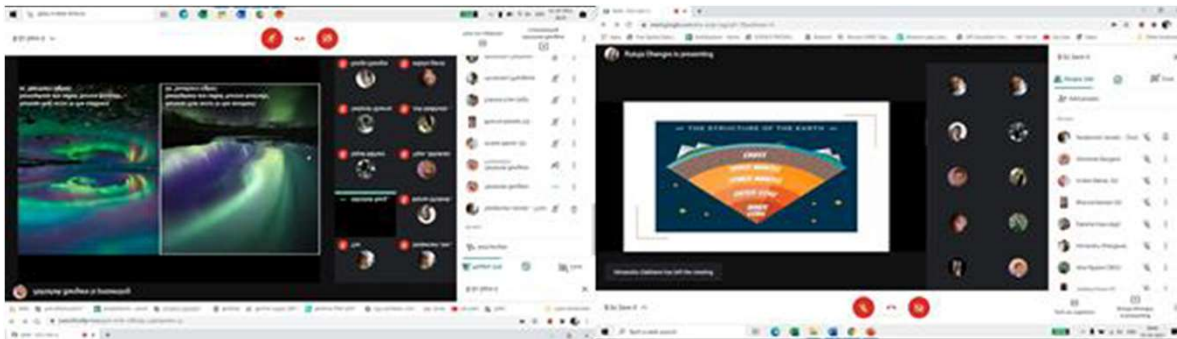


PowerPoint Competition to celebrate the National Science Day: 2021-22

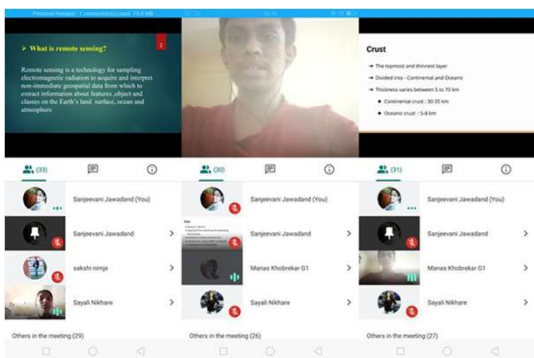


Seminar Competition for UG and PG students: 2017-18

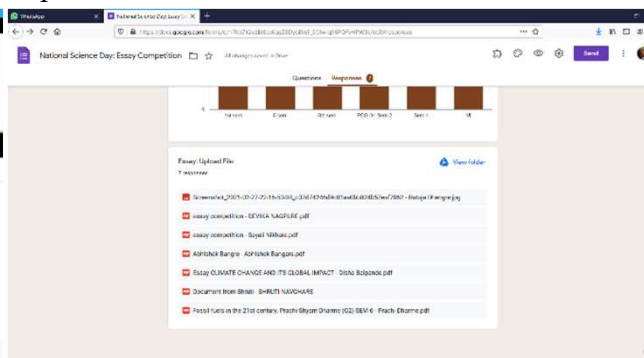
**Participative learning: Seminar and essay competitions**



**Seminar Competition: 2020-21**



**Seminar Competition: 2020-21**



**Essay competition: National Science Day: 2020-21**

**Participative learning: Poster competition**



**Poster competition to celebrate the National Science Day: 'Cloud Technology, its importance and uses': 2021-22**


**Online Poster competition: 2020-21**

**Participative learning: Rangoli competition**



**Rangoli competition to celebrate the National Science Day highlighting importance of technology: 2021-22**

# Participative learning: **Poster competition**




**ENVIRONMENT PROTECTION CELL & IQAC**  
of  
Nagpur Shikshan Mandal's  
**Shri Mathuradas Mohota College of Science, Nagpur**  
organises  
**NATIONAL LEVEL POSTER COMPETITION**  
on the occasion of  
**WILDLIFE WEEK 2021**

**TOPIC : HUMAN - WILDLIFE COEXISTENCE**


1

Click here for details




2

Create original hand-made poster




3

Click clear photograph / scan the poster




4

Click here to register & upload the poster



5

Win prizes and e-certificates





DR. JEEVAN R. DONTULWAR  
Principal


DR. RINA S. SAHA  
Vice-Principal & IQAC Coordinator

**ORGANISING COMMITTEE**

DR. UMA SONPAROTE      MS. SHAMALI KHALATKAR      DR. VAISHALI RAMGUNDE      MS. VIBHA CHARPE

 Click icon to join WhatsApp group

 09422812931, 08600044153





**ENVIRONMENT PROTECTION CELL & IQAC**  
of  
Nagpur Shikshan Mandal's  
**Shri Mathuradas Mohota College of Science, Nagpur**  
**NATIONAL LEVEL POSTER COMPETITION**  
**APPRECIATION CERTIFICATE**

This is to certify that **Mr. Aman Dilip Lade** of class B.Sc. III year of **M. B. Patel College, Sakoli** participated in the **Poster Competition** organised on the occasion of **Wildlife Week 2021** by Environment Protection Cell.

The online poster was presented on the topic **Human-Wildlife Coexistence**.  
He was awarded **Second prize** in the competition.

  
DR. JEEVAN R. DONTULWAR  
Principal

  
DR. RINA S. SAHA  
Vice-Principal & IQAC Coordinator

  
DR. UMA SONPAROTE  
In-charge, Environment protection Cell





**SHRI MATHURADAS MOHOTA COLLEGE OF SCIENCE, NAGPUR**  
Sakardar Square, Umer Road Nagpur-480024  
Tel: 0712-2744992 Fax: 0712-2744992 E-Mail: mohotacollege@yahoo.co.in  
Website: www.mohotacollege.edu.in

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President: A.K. Gandhi Tel: 2426889      Secretary: DR. HARSH RATHI Tel: 9730037001      Principal: DR. J.R. DONTULWAR Tel: 9890943225



**SHRI MATHURADAS MOHOTA COLLEGE OF SCIENCE, NAGPUR**  
Sakardar Square, Umer Road Nagpur-480024  
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President: A.K. Gandhi Tel: 2426889      Secretary: DR. HARSH RATHI Tel: 9730037001      Principal: DR. J.R. DONTULWAR Tel: 9890943225

To,

Date: 12.10.2021

**Dr. Pinky Sonarghare**  
Assistant Professor,  
Department of Zoology,  
DRB Sindhu Mahavidyalaya,  
Nagpur

Subject: Invitation as Judge

Dear Madam,

We are extremely happy to inform you that Environment Protection Cell of our college is organising **Poster Competition** by online mode for the students under the aegis of Environment Protection Cell. This competition has been organised to mark the celebration of Wildlife Week 2021. We extend a warm invitation to you to judge the posters. The names of the winners will be declared during the prize distribution programme.

We request you to kindly accept the invitation.

With regards,  
  
Dr. Jeevan R. Dontulwar  
Principal  
S. M. Mohota College of Science, Nagpur

To,

Date: 12.10.2021

**Dr. Vaishali Ramgunde**  
Junior College Teacher,  
Department of Botany,  
S. M. M. College of Science,  
Nagpur

Subject: Invitation as Judge

Dear Madam,

We are extremely happy to inform you that Environment Protection Cell of our college is organising **Poster Competition** by online mode for the students under the aegis of Environment Protection Cell. This competition has been organised to mark the celebration of Wildlife Week 2021. We extend a warm invitation to you to judge the posters. The names of the winners will be declared during the prize distribution programme.

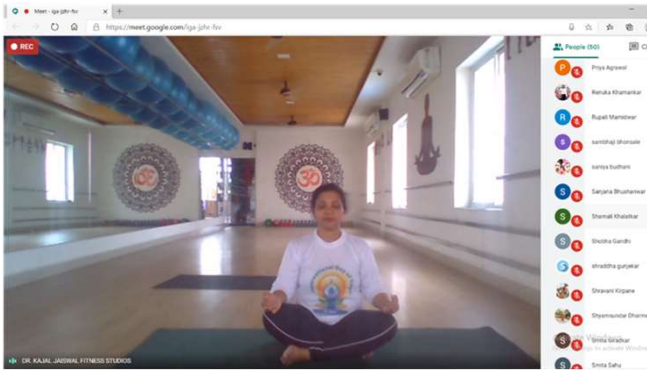
We request you to kindly accept the invitation.

With regards,  
  
Dr. Jeevan R. Dontulwar  
Principal  
S. M. Mohota College of Science,  
Nagpur

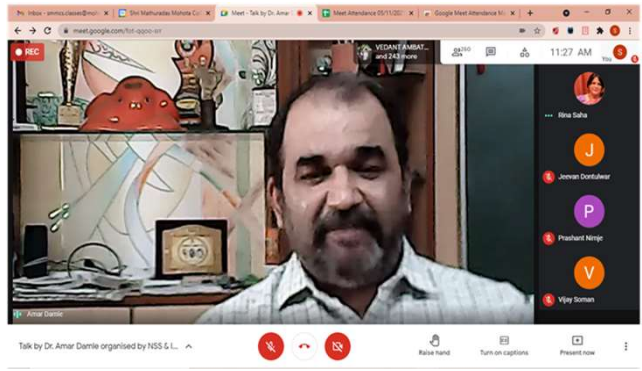


**National Level Poster Competition organized on the occasion of the  
Wildlife Week: 2021-22**

## Participative learning: Guest lectures for co- and extra-curricular development



Webinar cum workshop to celebrate the International Yoga Day: 2020-21



Webinar on 'Being resilient in pandemic' by Dr. Amar Damle: 2020-21



Guest lecture Mr. Kosurkar on 'Importance of Electronics': 2018-19



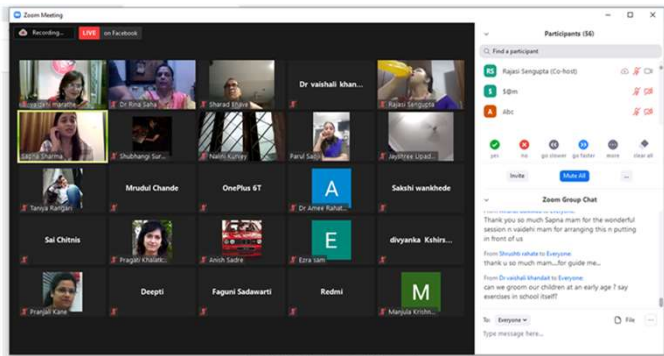
A lecture on Savitribai Phule to celebrate International Women's Day: 2021-22



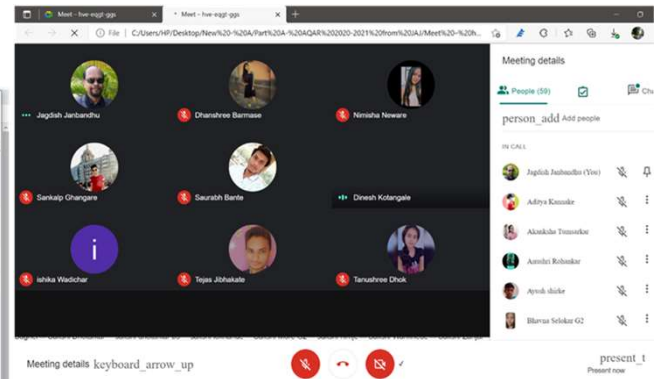
Introductory lectures on 'Information Technology' organized by Library and Information Centre: 2021-22



Vivekanand Jayanti: 'Yuva Din': 2020-21



Cluster collaborative program with NOGS: 'Navaratri Durgotsav': 2020-21



Marathi Bhasha Gaurav Din 2021



**Participative learning: Encouragement and guidance to students for participating in various events organized by other institutions**



Poster Presentation in International e-Conference: 2021-22



Oral Presentation Competition: 2021-22



Oral/ PowerPoint Presentation Competition: 2019-20



PowerPoint Presentation Competition: 2017-18



Successful completion of an online course: 2021-22



Participation in a webinar: 2021-22



**Participative learning: Encouragement and guidance to students for participating in various events organized by other institutions**



Participation in inter-collegiate online quiz competition on ICT awareness: 2021-22



Participation in international online quiz competition on introduction and importance of wetlands: 2021-22



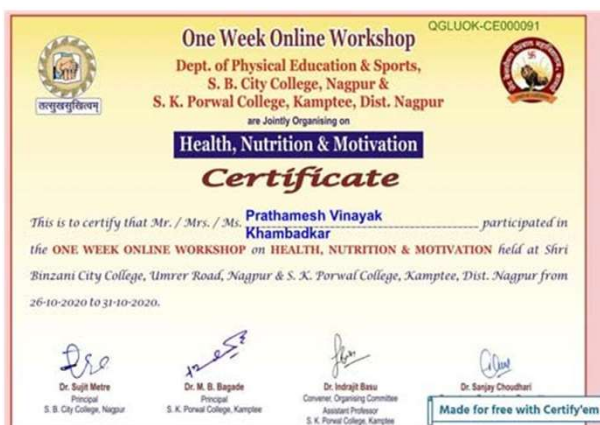
Runners up of Inter Collegiate Mathematics Quiz Competition organized by VMV College and NUMTA: 2018-19



Certificate of participation in Geographical Image Quiz Competition organized by Science College: 2018-19



Certificate of Achievement in 'GRAPHICAL' Quiz Competition organized by Abasaheb Garware College: 2020-21



Certificate of participation in One Week Online Workshop on 'Health, Nutrition & Motivation': 2020-21



# Participative learning: Value added courses

Below is given the detailed scheduled of STC in Vocabulary Building for your perusal.

Short Term Course in Vocabulary Building (20 Hours)				
BSc I Semester 2020-2021				
Date	Time	Batches	Google Meet Code	Remarks/Topics covered
02-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Introduction to English as a Global Foreign Language
03-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Brief History of English
04-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
05-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
06-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
07-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
08-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
09-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
10-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
11-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
12-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
13-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
14-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
15-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
16-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
17-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
18-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
19-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
20-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
21-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
22-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
23-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
24-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
25-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
26-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
27-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
28-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
29-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French
30-11-2020	10:00 am - 11:00 am 11:15 am - 12:15 pm	MECS	66k4k2c3ag	Anglo-Saxon Words vs. Old French

Dr. J. A. Janbandhu  
Associate Professor & Head  
Dept. of English  
S.M. College of Science, Nagpur



Vocabulary building: 2020-21



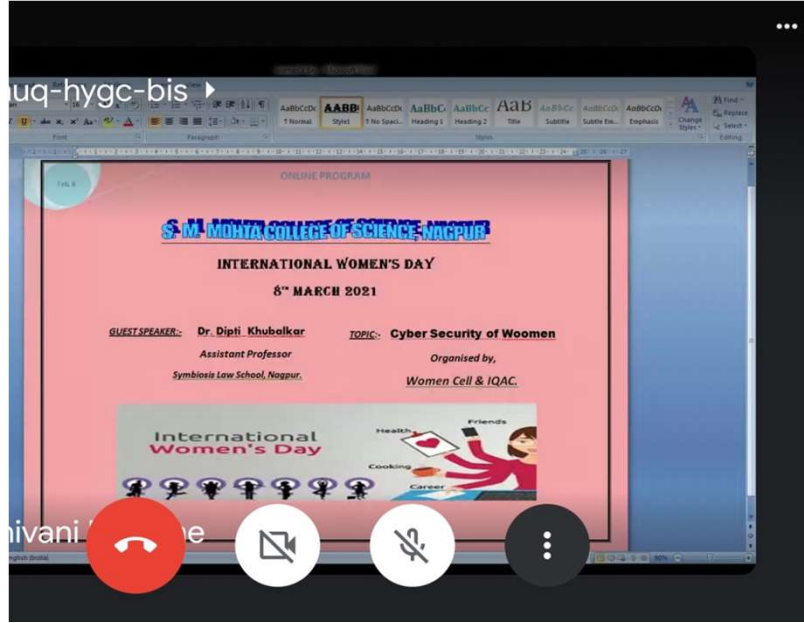
Dr. M. Gawande speaking on 'Cancer Prevention': 2020-21



Fitness expert Dr. A. Tripathi speaking on importance of 'Nutrition for Women': 2017-18



Dr. Ruchi Sao speaking on soft skills: 2018-19



Dr. Khubalkar speaking on 'Cyber Security of Women': 2021-22



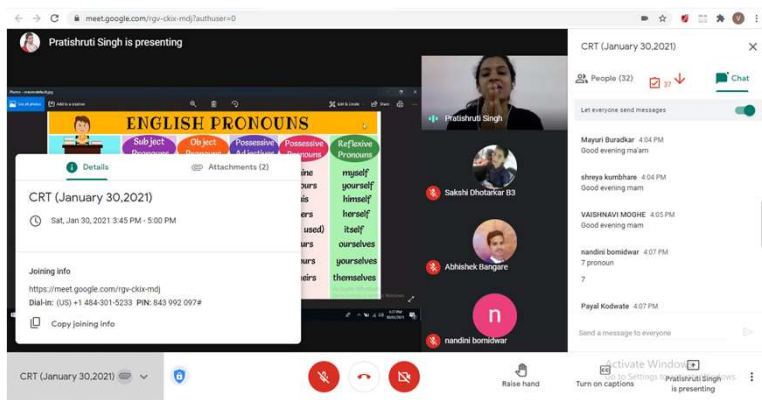
**Participative learning: Guidance and training for placements, career opportunities, etc.**



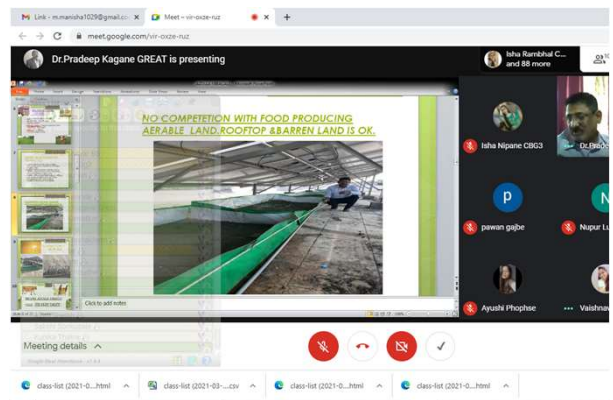
Orientation session for job opportunities by HCL technologies: 2021-22



Student Counseling and Career Guidance Clinical Research Awareness Seminar: 2018-19



Dr. Pratishruti Singh speaking in a session during Campus Recruitment Training: 2020-21



Dr. Pradeep Kagane explaining importance of Azolla culturing for source of nutrition and an option for entrepreneurship: 2020-21

**Teaching- Learning Process**  
**Student Centric Methods**

# **Experiential Learning**

# Experiential Learning

Experiential learning: **Maintenance of various facilities on the campus with the participation of students**



Composting of garden waste: 2021-22



Chowk, Umred Rd,  
Raghuji Nagar, Nagpur, Maharashtra 440009, India  
03 Feb 2022 10:34 am



Vermicomposting: 2021-22



*Jivan*  
Principal  
S.M.M. College of Science  
Nagpur

**Experiential learning: Maintenance of various facilities on the campus with the participation of students**



*Azolla culture: 2021-22*



**Beekeeping workshop organized to celebrate the National Science Day: 2021-22**

**Five Days Training Workshop on BEEKEEPING**  
11<sup>th</sup> to 15<sup>th</sup> February 2019

Organised by **SEVADAL MAHILA MAHAVIDYALAYA**  
Place for Higher Learning & Research (Research Academy)  
Sakkardara Square, Umner Road, Nagpur - 440 024

NAAC RE-ACCREDITED WITH 'A' GRADE

In Association with **Divisional Office Khadi and Village Industries Commission (KVIC)**  
Govt. of India, Nagpur

**Inaugural Function**  
11<sup>th</sup> February 2019

**Chief Guest :** Hon'ble **Dr. Gopal N. Paliwal**  
Director, Centre for Bee Development, Wardha

**Chairperson:** Hon'ble **Shri. Sanjayji Shende**  
President, Sevadal Education Society, Nagpur



**Beekeeping workshop organized in collaboration with KVIC 2018-19**



**Experiential learning: Involvement of students in hands on training workshops, short-term skill based certificate courses/ programmes, exhibitions, etc. involving use of ICT for referencing and sharing of information**



Opp Kamla Nehru College, Sakkardara, Raghujai Nagar, Nagpur, Maharashtra 440009, India  
15 Feb 2022 01:31 PM

Mushroom cultivation: 2021-22



Mushroom cultivation: 2017-18



6, Budhwar Bazar Rd, Raghujai Nagar, Nagpur, Maharashtra 440009, India  
15 Jan 2022 05:01 PM



Opp Kamla Nehru College, Sakkardara, Raghujai Nagar, Nagpur, Maharashtra 440009, India  
14 Feb 2022 03:40 PM

Mushroom cultivation: 2021-22



LAT 21°7'41" N  
LONG 79°6'41" E

MONDAY 09.03.2020  
LOCAL TIME 11:44 AM

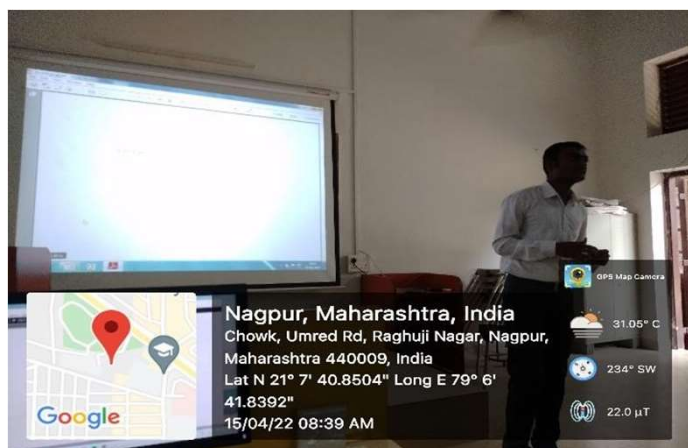
Bonsai making workshop: 2019-20

**Experiential learning:** Involvement of students in hands on training workshops, short-term skill based certificate courses/ programmes, exhibitions, etc. involving use of ICT for referencing and sharing of information



Museum exhibition and audio-visual documentary show organized for school and college students to celebrate the National Science Day: 2019-20

The students of Zoology of UG and PG were the volunteers who used ICT tools to collect necessary information for the exhibition.



STTP on 'LaTeX, MATLAB and Mathematical Modelling for Industry': 2021-22

**Experiential learning: Short-term skill based courses**

Students were offered short-term skill based courses which were related to the subject combination that they had chosen for graduation.



Short-term skill based certificate course on ‘Instrumentation and Circuit Board Designing’: 2017-18



Short-term skill based certificate course on ‘Noise Pollution’: 2019-20

**SHRI. MATHURDAS MOHOTA COLLEGE OF SCIENCE, NAGPUR**

**Short Term Certificate Course on Soil Testing**

Topic- Properties of Soil and Organic matter



Resource Person → **Dr. Ganesh D Satpute**  
Head Dept. of Chemistry  
Shri. Govindrao Munghate College, Kurkheda  
Dist- Gadchiroli

Short-term skill based certificate course on ‘Soil Testing’: 2020-21



Short-term course on ‘JAVASCRIPT AND JQUERY’: 2021-22



Certificate awarded on successful completion of a short-term course on ‘Webpage Designing’: 2021-22



# Experiential learning: Short-term skill based courses



Short-term skill based certificate course on 'Instrumentation and Circuit Board Designing: 2017-18

Report on

Short Term Course on Nanoscience and Nanotechnology in Physics

Duration of course - March - May 2022 (Session 2021-21)

Total Periods: 30

Beneficiary: students of SEM I B. Sc. (Batch M1-M4)

Name of Faculties:

1. Dr D. V. Nandanwar
2. Dr. Pushpalata Hedao
3. Dr. Suyog Pethé
4. Shri Shikhil Wanjari

Guest Faculties:

1. Dr. Subhash B Kondawar, Professor, Department of Physics, PGTD, RTM Nagpur University Nagpur
2. Dr. Sangeeta Wankhede, Associate Professor, Department of Applied Physics, K D K College of Engineering, Nagpur.

Short term course on Nanoscience and Nanotechnology of 30 periods during the month of march 2022 to May 2022 was conducted by Department of Physics for the Sem 1 B. Sc. Physics Students. This course was conducted by mix mode i.e. by online and offline mode. About 40 students were present and successfully completed the short term course. Two Visiting faculties from Post graduate department of Physics were invited to delivered talk on this topic. Both these faculties are distinguished faculties and they are carrying research in the field of Nanoscience and Nanotechnology. The students are benefitted by their in-depth knowledge. Other faculties were from our college who also engaged periods. Eight (8) Practical periods on Nanomaterials were taken by Coordinator of the Program Dr D V Nandanwar.

Program Coordinator  
Dr D. V. Nandanwar  
Dept. of Physics

Short term course -  
Nanoscience & Nanotechnology - Dr. S.B.K.  
29/4/2022

Attendance

15	Mayur Vijay Nimje	MNimje (M2)
27	Poojali Chaudhari	Todari (M4)
27	Riya A. Rantke	Todari (M4)
27	Prashant Prasad Roshan Prasad	Prasad (M4)
27	Rashan Prasad	Prasad (M4)
27	Disyani M. Wadhai	M2
27	Hemshada R. Urathe	Urathar (M2)
27	Ruhina M. Scipate	Scipate (M4)
27	Ved. D. Farkunde	Farkunde (M5)
10	Aditya B. Pedhelkar	Pedhelkar (M5)
41	Rohit N. Hekekar	Hekekar (M5)
127	Hazem V. Chaudhari	Chaudhari (M5)
13	Kirti D. Gondwani	Gondwani (M3)
14	Shreyya B. Pandey	Pandey (M5)
15	Shuchal S. Rewatkar	Rewatkar (M5)
16	Ranjit M. Papanji	Papanji (M4)
17	Pushpa A. Wankar	Wankar (M5)
18	Jatin T. Sawarkar	Sawarkar (CS-2)
19	Shikhar A. Shinde	Shinde (CS-4)
20	Yash R. Misal	Misal (CS-4)
21	Mandak A. Sawarkar	Sawarkar (CS-2)
23	Himanshu S. Bopche	Bopche (CS-2)
24	Himanshu S. Wade	Wade (CS-2)
25	Rohit R. Sapate	Sapate (CS-2)
26	Sahil M. Raut	Raut (M1)
27	Yash D. Kulkarni	Kulkarni (M1)
28	Vidhwan S. Shah	Shah (M2)
29	Dhruv P. Thakre	Thakre (M2)
30	Khushal V. Thakre	Thakre (M2)
31	Hareesh S. Kshirsagar	Kshirsagar (M2)
32	Ayushi S. Gajbhiye	Gajbhiye (M2)
33	Ranek K. Zolape	Zolape (M2)
34	Annu M. Kishwarha	Kishwarha (M1)
35	Annu S. Netam	Netam (M1)
36	Dipik S. Nohakalkar	Nohakalkar (M2)

Short-term skill based certificate course on 'Nanoscience and Nanotechnology': 2017-18



## Experiential learning: Workshops

(NAGPUR SHIKSHAN MANDAL'S) SHRI MATHURADAS MOHOTA COLLEGE OF SCIENCE, NAGPUR  
Department Of Computer Science Organizes  
"WORKSHOP ON PYTHON"  
Date: 1st June, 2021  
In Association with  
BRILLECT TECH SOLUTIONS PVT. LTD., NAGPUR, MAHARASHTRA  
Miss. Mohini Rahate (Software Developer)  
Topic: Python- A Case Study  
3.00PM to 4.00PM  
Registration Link: <https://forms.gle/4T7MSQcs7d08Wt587>  
Meeting link: [meet.google.com/lbw-oyvv-zah](https://meet.google.com/lbw-oyvv-zah)  
Dr. Reena S. Saha, Vice Principal; Dr. Jeevani B. Dhumalwar, Principal; Prof. Sudhir B. Agarmore, Head of Department; Coordinator: Mr. Pooja Baskhi, BDM @ Brilllect; For Details Contact: Deepika Mudliar: +91 7758985363, Nehal Tembhurkar: +91 8087853618

Contents  
1. Introduction  
2. Why Python is Easy to Learn  
3. Python Program, Pandas and Matplotlib  
4. Need for Machine Learning  
5. Machine Learning at Present  
6. How ML Works  
7. Types of Machine Learning  
8. ML Algorithms  
9. Implementation of ML with Python (Case Study)  
10. Machine Learning Future Scope

Meeting details  
3:18 PM 01-Jun-21

Online workshop on 'Python': 2021-22

## Experiential learning: Recording the spider diversity on the campus



Students with expert Mr. Shubham Chhapekar: 2021-22



**Experiential learning: Geological exploration with use of technical tools and use of ICT for referencing and sharing of resources**



**Hands-on training on 'Vertical Electrical Sounding for Groundwater Exploration' by hydrogeologist Dr. Abhijeet Dharashivkar: 2021-22**



**Structural Geology Measurement of Dip and Strike of outcrop on field: 2021-22**

**Experiential learning: Visit to academic institutions, industries, companies and study tours**



Field excursion at Dr. Panjabrao Deshmukh *Krishi Vidyapeeth* field: 2021-22



Botanical excursion to Ankur Seed Company: 2021-22



Geological excursion to Ramtek, Maharashtra: 2021-22

**Experiential learning: Visit to academic institutions, industries, companies and study tours**



Zoological Excursion to ICAR-CCRI, Nagpur on 26 Nov 2020

Visit to ICAR, Nagpur: 2020-21



Industrial visit to Purti Sugar Industry, Nagpur: 2020-21

**Experiential learning: Production of herbal hand-wash and sanitizer in the laboratory and their distribution**



**Teaching- Learning Process**  
**Student Centric Methods**

**Problem Solving**  
**Methodologies**

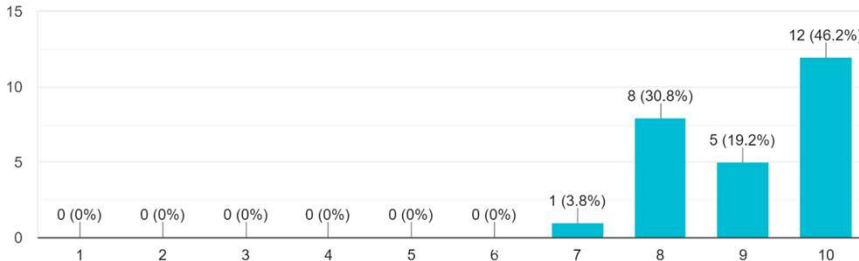
# Problem Solving Methodologies

## Problem Solving Methodologies: Community Outreach Program for COVID-19 Vaccination



How this activity helped in enhancing your social, interpersonal, communication skills? Rate on a scale of 1 to 10.

26 responses



docs.google.com/spreadsheets/d/14dKgP1szgoiRlqWrc2sZ9nZHW-K83HfdV6loSa92Sk/edit?resourcekey=gid=1096071115

Feedback Form for Community Outreach Program for COVID-19 Vaccination 2021 (Responses)

Sl. No.	Name of the person	Address	Contact Number	Age	Whether a person is aware about the COVID-19 vaccination program?	Yes/No	How difficult was the vaccine to take?	Yes/No	Are the family members of the person aware about vaccination program?	Yes/No	Age group & number of vaccinated family members	When did you get involved in making the person aware about COVID-19 vaccination program?	Signature of the person	Signature of participating student
5	M.Sc. Botany Semester I	Excellent	No	Yes	10	It is such a wonderful experience to interacting with peoples and aware them the importance of covid - 19 vaccinations. The vaccination awareness program was very helpful for me. It had help me in enhancing my communication skill. The social work program is really a skill developing activity.	11WB604KgP-RuTX8wA	https://drive.google.com/Prathm						
6	M.Sc. Botany Semester I	Excellent	No	Yes	10	An elderly woman was complaining of post-vaccination fever. It was very difficult to convince her about the benefits of vaccination. So I shared my experience of vaccination with her. Also to dispel her misconception I told her about antigens and antibodies in the local language.	1Kt-Y4UWFqra8dRXG	https://drive.google.com/Soniya						
7	M.Sc. Botany Semester I	Excellent	No	Yes	10	8 It is very useful activity, it helped me and people around me	1BdNT4_Jyktv1rrKx4Oq	https://drive.google.com/VaIBH						
8	M.Sc. Botany Semester I	Very good	No	Yes	10	Very nice experience. How do people respond? What do they say? Different rumors are in my mind. Explaining to them. When I went home about 22, I filled up 10 documents. Very nice response but got from people.	1YHAK2As2jSXwCe916	https://drive.google.com/Gaun N						
9			Yes	Yes	10	I got to learn many things during the vaccination awareness programme	14DIE2oCa5MQ_tpGgn	https://drive.google.com/Utkarsh						
			No	Yes	9	Feel Confident and very nice	15sCrrHhDnF5BLChnQL	https://drive.google.com/Savita S						
			No	Yes	8	the covid awareness program was very good and beneficial also because those people who are not aware about covid and if they will get corona positive then what they have to do, where the vaccine is available, how our body fight against corona or how it protects our body from corona after taking vaccine. All these information we had given to them by this vaccination awareness program.	13ypTlGKH8R6DkrAYOA	https://drive.google.com/Chaitali						
			No	Yes	8	For the very first time, I done this kind of activity. I learn how to communicate and interact with people. It was a good experience for me.	1K4813P0GSEDIPTVn-!	https://drive.google.com/Monika						
			No	Yes	9	Due to this activity my confidence has increased a bit.								



**Problem Solving Methodologies: Community Outreach Programme to combat COVID-19 through vaccination drives organized in collaboration with Nagpur Municipal Corporation and awareness videos on official YouTube channel of the college, etc.**



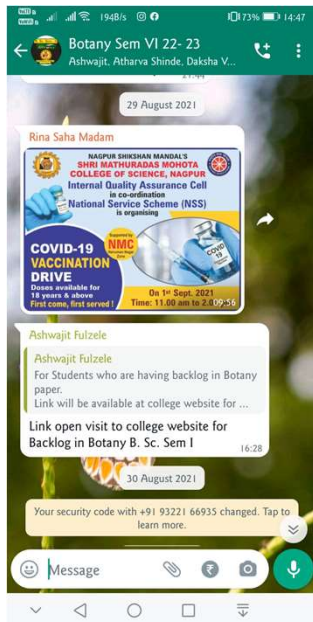
Flyer for vaccination drive displayed on the website: 2021-22



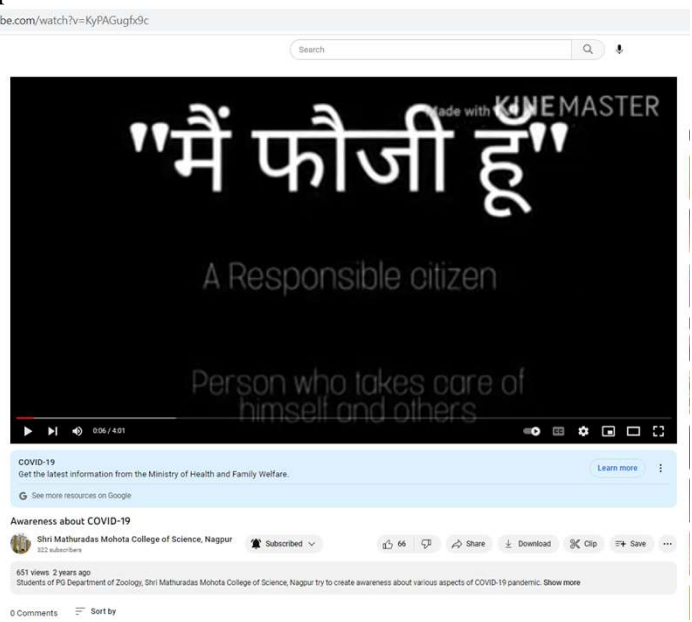
Screenshot of pop up on the college website for vaccination drive: 2021-22



Representative photographs of vaccination drive: 2021-22

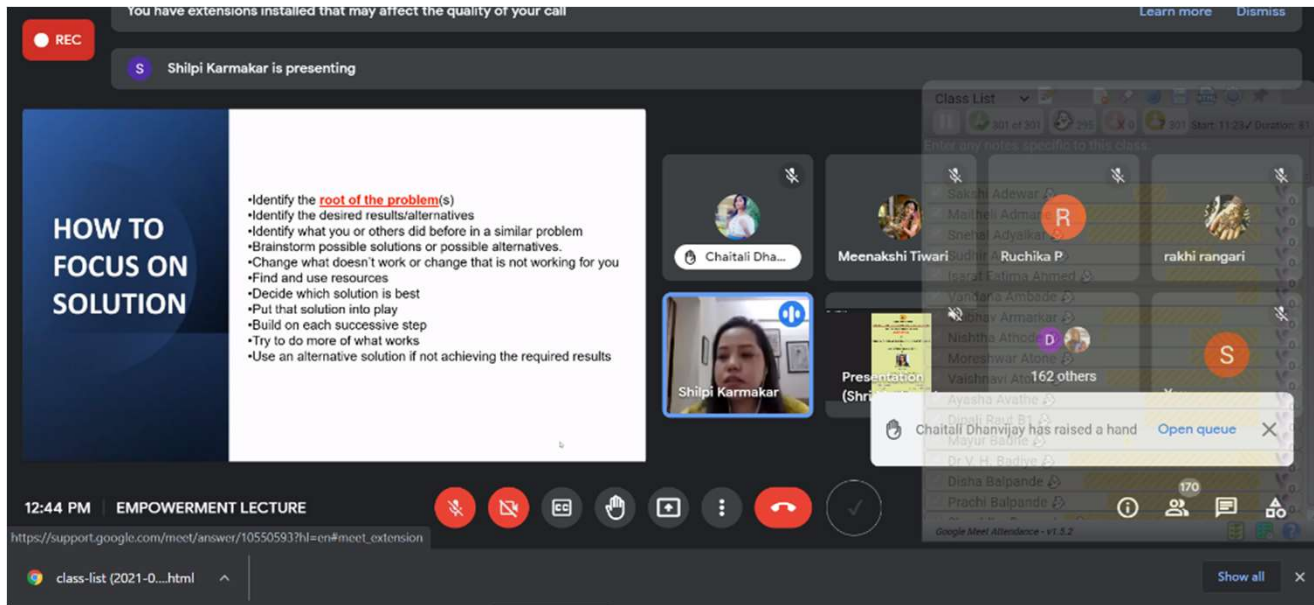


Communication regarding vaccination drive: 2021-22



Awareness video made by the students and displayed on the college YouTube channel

# Problem Solving Methodologies: An online programme on 'Problem Solving Approach: A Mode of Empowerment' for students and teachers: 2021-22



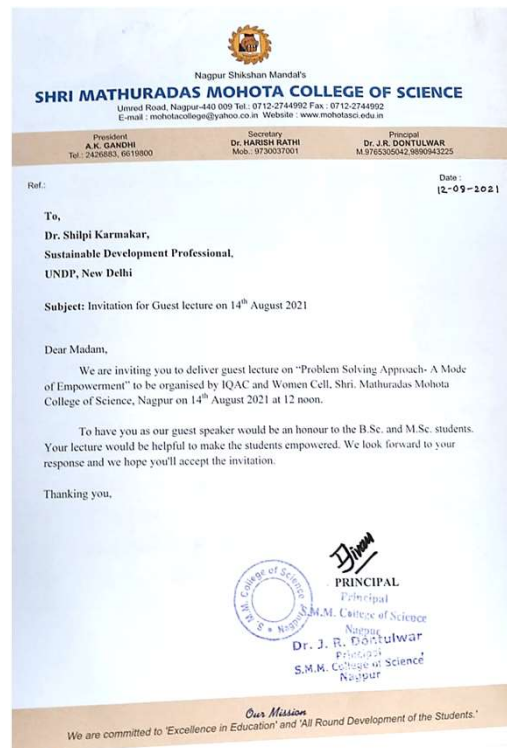
8/14/2021 class-list (2021-08-14) (1).html

### Daily Attendance Report for class-list: 2021-08-14

Class Name: class-list Meet ID: 999-999-999 Date: 2021-08-14 Earliest Arrival: 11:23 Start: 11:23 End: 12:35 Duration: 72 min

Class Name	Meet ID	Age	enrolled	Date	Earliest Arrival	Start	End	Duration
Shilpi Karmakar								
Chaitali Dhanvijay								
Meenakshi Tiwari								
Ruchika P.								
rakhi rangari								
Sakshi Adewale								
Mathini Adm								
Sneha Adyalkar								
Sudhita Ruchika P.								
Tejraj Estima Ahmed S								
Vandana Ambade								
Shay Armarkar								
Nishtha Athok								
Moreswar Athok								
Vaishnavi At								
162 others								
Ayazana Avasthi								
Mayur Bhat								
Dr V. H. Radhika								
Drina Baidande								
Prachi Balpande								

Attendance record



A copy of the invitation letter sent to the guest speaker

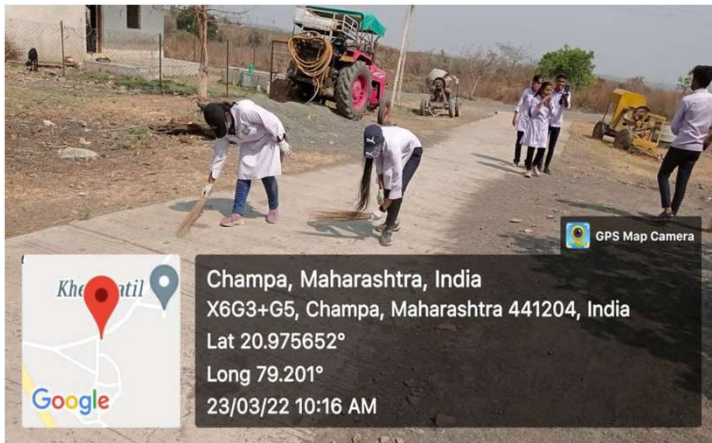


A news report mentioning participation of large numbers of students in the online event

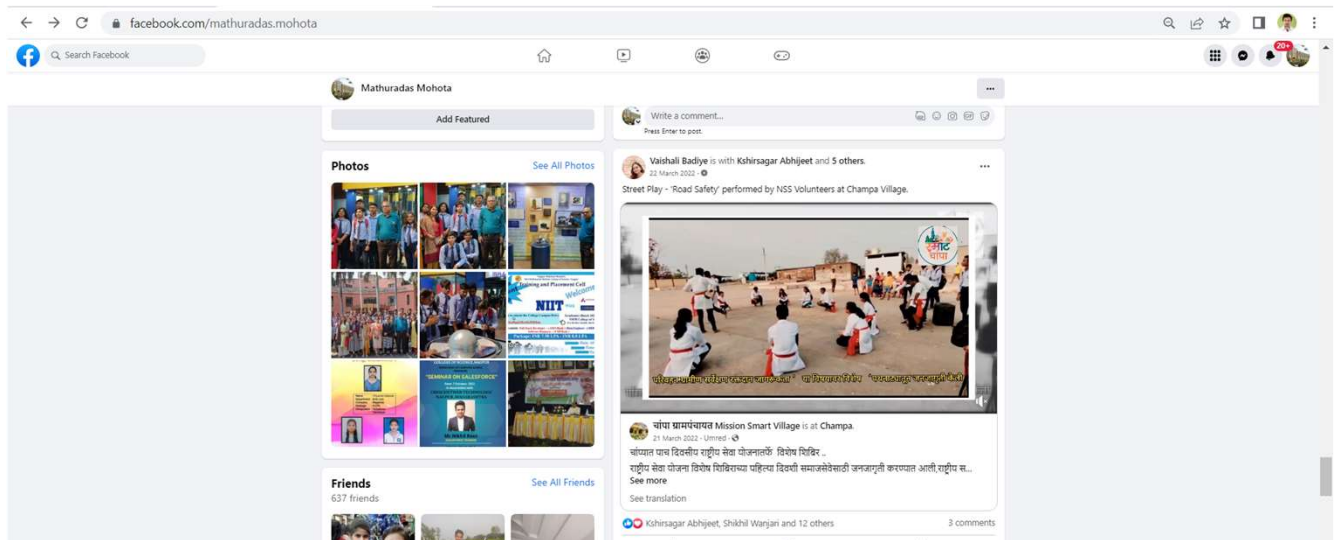




**Problem Solving Methodologies: Community service by NSS unit of the college through various welfare measures for the residents of Champa village**

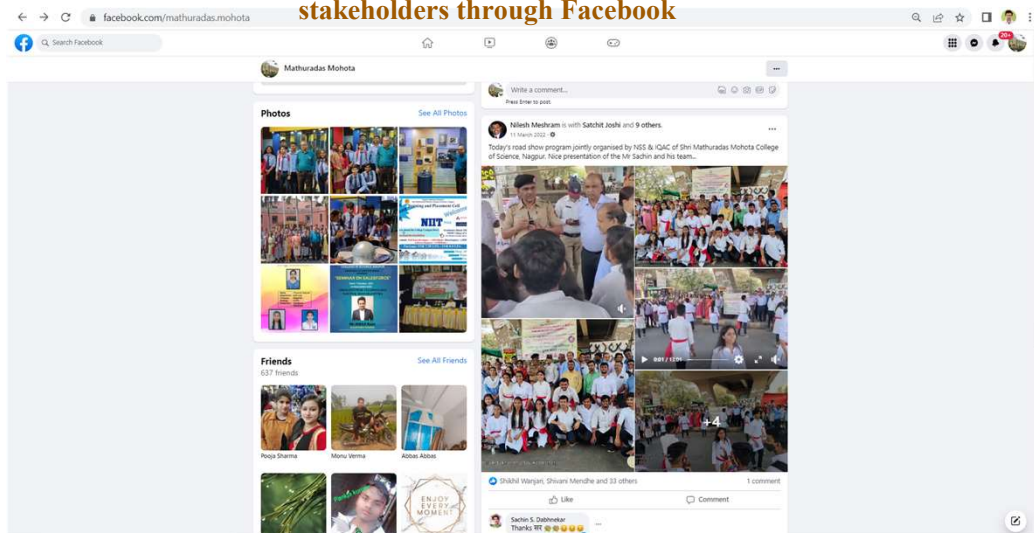


Recording of activities and preparation of reports using ICT tools: 2021-22



Activities shared with the stakeholders through Facebook: 2021-22

**Problem Solving Methodologies: Community service by NSS unit and IQAC of the college by creating awareness about 'Road Safety' and communicating the details with the stakeholders through Facebook**



2021-22