



Best Practices (2020-21)

IQAC

Jaysingpur College,

Jaysingpur

2020-21

Best Practice I:

Title of the practice: Providing research and characterization Facility through DST-FIST sponsored analytical instrumentation laboratory for UG/ PG / Research Students and Teachers.

Objective of the practice: The facility is intended to provide infrastructure and equipment's for promoting R&D activities and to promote the research amongst the students and Teachers by providing characterization facility and training within nominal charges and elaborate and tabulate them in scientific way. But to collect this scientific data or findings various costly instruments are required. So, there is need of a instrumentation facility which hold all such characterization instruments under the single roof. To overcome this hurdle of P.G. students, researchers, Teachers from different institutions and Colleges has college has developed DST-FIST Analytical Instrumentation Laboratory funded by DST New Delhi worth Rs. 1 crore under FIST program. Goals of this activity are summarised as:

➤ To provide the characterization facility to UG/ PG / Research Students / Teachers within nominal charges.

➤ To organise hands-on training programs to UG/ PG / Research Students and Teachers.

➤ To inculcate the research amongst the students and Teachers.

The context: The need of scientific research or data is required not only to add new findings to existing one but also for the better understanding of science for sake of society and environment. The authentication of findings is done by doing research or experiments.

The practice: The established DST-FIST facility has various sophisticated and costly instruments due to which college is able to provide best scientific data required to authenticate the research experiment. P.G. students, research students, teachers nearly from 50 colleges and universities get benefited due to this facility. Evidence of success: Filled Requisition forms, Photos and fee receipts.

Problems encountered and resources generated: There is no appointment of technical person for smooth running of this facility. This lack of technician has been overcome by our college staff and Ph. D. Students.

Best Practice II:

1. Title of the Practice-

Online ICT based learnings: Narrowing the gap between Students, Teachers and Education.

2. Objectives of the Practice

The emergence of pandemic situations affects the higher education system. The classical chalk and blackboard method becomes a hybrid of internet and smart-board methods. The adaptation of classroom teaching methods to computer-mediated activities while keeping the joy of learning and enthusiasm among students along with streamlining the teachers for their preparations to be more effective is objective of the practice. The delivery of knowledge and quality education through online platform such as Zoom, Google meet, Techmint etc. along with sensitization of students and teachers through different e- conferences, seminars and webinars.

What are the objectives / intended outcomes of this “best practice” and what are the underlying principles or concepts of this practice? (in about 20 words)

3. The Context

The smooth running of teaching-learning via online platform executed through periodical meetings with the departments and reviews on ICT events shared with the heads. Recently, it encouraged faculties to create Google classroom and join Zoom, google meet app for students and sharing of knowledge at distant mode. E-content maintained in the library of the college. Lectures in pandemic situations like Covid-19

has been conducted with the help of zoom app, Google meet, WebEx etc.

What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice? (in about 30 words)

4. The Practice

The traditional lecture method of teaching and learning is lagging behind in this online module as it is time consuming and also non-permanent. To cope with situation of the ICT based learning and college provides infrastructure required for it such as smart classroom, ICT enabled classrooms etc. The smart classrooms across the department consists of an Interactive whiteboard which is a large display where user control the computer using a pen stylus or some other devices. ICT aid in the visualization of difficult concepts and promote creativity by enable multiplier effect of documents. ICT provide flexibility and variety in learning and only possible due to presence of multimedia effect. ICT enabled with computers and storage devices so this makes the current practice is more eco-friendly as it runs on paperless documents.

Describe the best practice and its uniqueness in the context of India higher education. What were the constraints / limitations, if any, faced? (in about 50 words)

5. Evidence of Success

Administration (Tally and “Biyani technology software”) and Academics (e-medias like SMS, whatsapp, e-mails, Zoom, Google meet, Microsoft teams etc) of college run via partial management information system (MIS). Students take advantage of library facility which includes OPAC, INFLIBNET, Techno-Arv, Shodhganga, NLIST program you tube channel of college. ICT has fetched information at the tip of the finger irrespective of region, age and standard. Therefore it is necessary to shift paradigm of teaching learning from chalk and talk to keyboard and internet. The College is always ardent to enhance the teaching-learning process by using ICT tools effectively in teaching such as PPT's, LCD's, E-Books, smart boards, modern instruments. The College always motivates teachers and students to attend courses on SWAYAM, ARPIT, NPTEL etc. for quality enhancement. Online Conferences, Seminars and webinars are organized by different faculties on multidisciplinary subjects. IQAC of the college has organised many workshops seminars on use of e-resources and Research Methodology. College has developed “Anekant Question Bank’ of all subjects collectively.

Provide evidence of success such as performance against targets and benchmarks, review/results. What do these results indicate? Describe in about 40 words.

6. Problems Encountered and Resources Required

Communication gap between students and teachers with respect to online module is more compared to face to face classroom teaching this

may be due to lack of suitable connectivity by improper devices or facility and time management with respect to students and teachers too. Both these problems are neutralised to some extent by developing e-library content which is available to any students irrespective of time and place. In addition to this the college I installed one audio video enabled Studio room, where the lectures by the expert can be accessed through the desktop computer laptops or even mobiles.

Please identify the problems encountered and resources required to implement the practice (in about 30 words).

Evidence of success of
Best practice -I
2020-21

Title of the practice: Providing research and characterization facility through DST-FIST sponsored analytical instrumentation laboratory for UG/ PG / Research Students and teachers.

DST-FIST Analytical Instrumentation laboratory has opened their door to the nearby Institutions, Colleges, Universities and Industries to avail the characterization facilities, research facilities to the students, teachers, researchers, industrialists, farmers etc. During the year 2020-21 the laboratory has arranged instrumentation facility to many UG/ PG / Research Students and teachers from Jaysingpur College and to colleges from other states. About 31 Colleges, Universities and Institutions have took the opportunities of this lab to characterizes/analyses their samples using UV, IR, PL, BET etc. as per the list given below.



Anekant Education Society's

JAYSINGPUR COLLEGE JAYSINGPUR

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Email: iqacjspcollege@gmail.com



DST-FIST LAB

Facilities



COPY OF BLANK REQUISITION FORM



DST-FIST Analytical Instrumentation Laboratory
Jaysingpur College, Jaysingpur
Tal-Shirol, Dist-Kolhapur-416 101, Maharashtra.

(Note: Please bring a C.D. for collecting data)

W.O. No.:

Date:

1. Department/college/other party :

2. Name of Research Student :

3. Name of Research Guide :

4. Email id : Mob. No.:

Characterization	No. of samples	Details about sample/instructions/activation temp. and time Etc.
UV-Vis, DRS		
FT-IR		
Spectrofluorometer		
BET-Surface Area Analyser		
HPLC		
AAS		
Gas Chromatograph		
Flame photometer K/Na		

5. Work to be performed on

Signature with Seal

For Office Use Only

In charge

Date and Time allotted:

Date and time of work completion:

Signature of Operator and Remark:

Co-ordinator DST-FIST

PHOTOS OF REQUISITION FORM AND BILL BOOK

DST-FIST Analytical Instrumentation Laboratory
 Jaysingpur College, Jaysingpur
 Tal. Shirol, Dist. Kolhapur-416 101, Maharashtra
 (Note : Please bring a C.D. for Collecting data)

W. O. No. : _____ Date : 12/02/2021

1. Department / College / Other Party : Jaysingpur College, Jaysingpur
 2. Name of Research Student : Pabli Prajanta, Prachi, Ankita, Komal, Rajal, Vaibhava
 3. Name of Research Guide : Dr. G. H. Nikam
 4. Email id : Pabli Prajanta 2019@jaysingpurcollege.edu.in Mob. No. : 9373507977

Characterization	No. of Samples	Details about sample / Instructions / Activation temp. and Time Etc.
UV - Vis. DRs.	01	
FT - IR	03	
Spectrofluorometer		
BET-Surface Area Analyser		
HPLC		
AAS		
Gas Chromatograph		
Flame Photometer K/Na		
Density / Sp. Gravity / Ethanol % bricks		

5. Work to be performed on _____
 Signature with Seal _____

FOR OFFICE USE ONLY

In Charge : _____
 Date and Time allotted : _____
 Date and time of work completion : _____
 Signature of Operator and Remark : _____
 - Coordinator DST-FIST

DST-FIST Analytical Instrumentation Laboratory
 Jaysingpur College, Jaysingpur
 Tal. Shirol, Dist. Kolhapur-416 101, Maharashtra
 (Note : Please bring a C.D. for Collecting data)

W. O. No. : _____ Date : 2/02/2021

1. Department / College / Other Party : DYP
 2. Name of Research Student : Shaikh Navaj, S.
 3. Name of Research Guide : C.D. Lokhande
 4. Email id : navaj.shaikh@gmail.in Mob. No. : 9429946887

Characterization	No. of Samples	Details about sample / Instructions / Activation temp. and Time Etc.
UV - Vis. DRs.		
FT - IR	1	s-doped graphene
Spectrofluorometer		
BET-Surface Area Analyser	1	s-doped graphene
HPLC		
AAS		
Gas Chromatograph		
Flame Photometer K/Na		
Density / Sp. Gravity / Ethanol % bricks		

5. Work to be performed on _____
 Signature with Seal _____

FOR OFFICE USE ONLY

In Charge : _____
 Date and Time allotted : _____
 Date and time of work completion : _____
 Signature of Operator and Remark : _____

Anekant Education Society's
JAYSINGPUR COLLEGE, JAYSINGPUR.
 Accredited at 'A' Grade (NAAC)
DST - FIST Analytical Instrumentation Lab
 Shirol Road, Jaysingpur Tal. Shirol, Dist. Kolhapur (Maharashtra)
 Tel. (02322) 225381 Fax : (02322) 226481

M/s. M. S. B. Watermarkor Bill No. 440
 Jaysingpur College, Jaysingpur Date: 25/03/2021

Sr. No.	Particulars	Quantity	Rate	Amount Rs. Ps.
1.	B.E.T.	03	600	1800/-
Total Amount				1800/-

Rs. in Words One Thousand Eight Hundred Rupees only

Customer Sign. _____ For - DST - FIST Analytical Instrumentation Lab

Bill Book
Anekant Education Society's
JAYSINGPUR COLLEGE, JAYSINGPUR.
 Accredited at 'A' Grade (NAAC)
DST - FIST Analytical Instrumentation Lab
 Shirol Road, Jaysingpur Tal. Shirol, Dist. Kolhapur (Maharashtra)
 Tel. (02322) 225381 Fax : (02322) 226481

M/s. M. S. B. Watermarkor Bill No. 450
 Jaysingpur College, Jaysingpur Date: 25/03/2021

Sr. No.	Particulars	Quantity	Rate	Amount Rs. Ps.
1.	B.E.T.	06	600	3600/-
Total Amount				3600/-

Rs. in Words Three Thousand Six Hundred Rupees only

Customer Sign. _____ For - DST - FIST Analytical Instrumentation Lab

Bill Book
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 Accredited at 'A' Grade (NAAC)
DST - FIST Analytical Instrumentation Lab
 Shirol Road, Jaysingpur Tal. Shirol, Dist. Kolhapur (Maharashtra)
 Tel. (02322) 225381 Fax : (02322) 226481

M/s. Yogesh M. Kumbhakar Bill No. 436
 Jaysingpur College, Jaysingpur Date: 13/02/2021

Sr. No.	Particulars	Quantity	Rate	Amount Rs. Ps.
1.	U.V	9	251-	2259/-
2.	P.L	5	251-	1255/-
Total Amount				3514/-

Rs. in Words Three thousand five hundred and four rupees only

Customer Sign. _____ For - DST - FIST Analytical Instrumentation Lab

Evidence of success of
Best practice -II
2020-21

Title of the Practice-Online ICT based learnings: Narrowing the gap between Students, Teachers and Education

Online Conferences, Seminars and webinars are organized by different faculties on multidisciplinary subjects. Many teachers follows the online teaching method as their primary tools for delivering lecture for effective communication with students. The list of Online Conferences, Seminars and webinars is as below. Along with attachments of data provided by teachers during their online teaching which include screenshots and web link to content stored in e-library.

Sr. No	Name of Online Conferences/ Seminars/ webinars	Date
1	National Multilingual Conference on Problems and Opportunities in Agriculture: In and After Covid-19	25-06-2020
2	National Multilingual Webinar on Challenges in Education	26-06-2020
3	National Webinar on Fundamentals of Electrocatalysis for Low Temperature Fuel Cell Applications	18-08-2020
4	National Webinar on Physics of Nanomaterial Characterization	21-08-2020
5	National Webinar on Why Students are Afraid of English?	02-09-2020
6	Webinar on Career in Research: Basic Requirements and Scope	05-09-2020
7	National Webinar on Impact of Pesticide Residue & Its Analysis	08-09-2020
8	National Webinar on Challenges Before Indian Democracy	11-09-2020
9	National Webinar on Fractional Calculus and Dynamical System	12-09-2020
10	State Level Webinar on Mental Health for All	13-10-2020
11	National Webinar on Kitchen Garden For Safe Food	20-10-2020

Anekant Education Society's
Jaysingpur college, Jaysingpur

!!Affiliated to Shivaji University, Kolhapur !!Jain Minority College
!!Reaccredited at 'A' Grade (NAAC) !!DST - FIST [Level - I]

National Multilingual Conference

ON

Problems and Opportunities in Agriculture: In and After Covid-19

held on 25th June 2020

Organized by
Internal Quality Assurance Cell

Dr. Sandip R. Sabale Dr. Surat A. Manjare Prin. Dr. Rajendra R. Kumbhar
Coordinator, IQAC Coordinator Convener

Advisory Committee:
Dr. S. B. Adadande (Chairman, Local Committee, Jaysingpur College, Jaysingpur)
Dr. M. R. Akkole (Secretary, Local Committee, Jaysingpur College, Jaysingpur)
Shri P. P. Patil (Treasurer, Local Committee, Jaysingpur College, Jaysingpur)

□ Registration Link- <https://forms.gle/wM6vroS7wMkWUqFL7>
□ Telegram Link- https://t.me/joinchat/S_u6LVUIZYbSY2YMdOJrkq
□ Conference Link- <https://sites.google.com/view/conferencecjc2020/home>
□ College website Link- <https://www.jaysingpurcollege.edu.in/>

Contact-
Dr. S. R. Patil Mr. Kabir Kumbhar Dr. S. D. Umdale
8855032400 9632148252 8806323229

National Webinar on Fundamentals of Electrocatalysis for Low Temperature Fuel Cell Applications

Organized by
Department of Chemistry & Physics
Jaysingpur College, Jaysingpur, Maharashtra
and
P. G. Department of Chemistry
Devchand College, Arjunnagar, Maharashtra

Tuesday, 18th August 2020 @ 10.30 am

In Association with
**IQAC, Jaysingpur College, Jaysingpur and
IQAC, Devchand College, Arjunnagar**

Our Speaker  **Dr. Bhalchandra Kakade,**
Associate Professor,
SRM Research Institute,
SRM Institute of Science and Technology,
Kattankulathur, Chennai – 603 203.

Organizing Committee

Dr. R. R. Kumbhar Principal, Jaysingpur College, Jaysingpur	Dr. P. M. Herekar Principal, Devchand College, Arjunnagar
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Dr. G. H. Nikam Dr. S. A. Kenawade Dr. R. D. Mane	Dr. S. R. Sabale IQAC-Coordinator


Registration fees: Free
Mode of Webinar: Zoom Cloud (First 100); youtube live streaming (Link will be provided on 17th August 2020)
E-certificate will be provided after completion of webinar by submitting feedback form
Registration link for the webinar: <https://forms.gle/LFQ3SuAZoYn9L4EA>
Telegram group link: <https://t.me/joinchat/MDXtIBsrZPTeNABqNyRw>
Contact Detail: Dr. R. S. Dhabbe (9970978781); Mr. K.R. Kumbhar (8088110613)

National Webinar on Physics of Nanomaterial Characterization

Organized by
Department of Chemistry & Physics
Jaysingpur College, Jaysingpur, Maharashtra
and
P. G. Department of Chemistry & Physics
Devchand College, Arjunnagar, Maharashtra

Friday, 21st August 2020 @ 10.30 am

In Association with
**IQAC, Jaysingpur College, Jaysingpur and
IQAC, Devchand College, Arjunnagar**

Our Speaker  **Dr. Manish M. Kulkarni,**
Senior Scientific Officer,
Centre for Nano sciences, IIT Kanpur.

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Dr. G. H. Nikam Mr. K. R. Kumbhar Dr. S. S. Desai	Dr. S. R. Sabale IQAC-Coordinator

Registration fees: Free
Mode of Webinar: Zoom Cloud (First 100); youtube live streaming (Link will be provided on 20th August 2020)
E-certificate will be provided after completion of webinar by submitting feedback form
Registration link for the webinar: <https://forms.gle/KB5njzRNvM3pN3SA>
Telegram group link: <https://t.me/joinchat/MDXtIBsrZPTeNABqNyRw>
Contact Details: Dr. R. S. Dhabbe (9970978781); Mr. K.R. Kumbhar (8088110613)

Webinar For Post Graduate Students on Career in Research: Basic Requirements and Scope

Organized by
Department of Chemistry & Physics
Jaysingpur College, Jaysingpur, Maharashtra
and
P. G. Department of Chemistry
Devchand College, Arjunnagar, Maharashtra

Saturday, 5th September 2020 @ 12.00 noon

In Association with
**IQAC, Jaysingpur College, Jaysingpur and
IQAC, Devchand College, Arjunnagar**

Our Speaker  **Mr. Maruti Kamble,**
Senior Technical Manager,
ADIV PURE NATURE,
Natural dyeing unit, Mumbai

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Dr. G. H. Nikam Dr. S. A. Kenawade Dr. R. D. Mane	Dr. S. R. Sabale IQAC-Coordinator

Registration fees: Free
Mode of Webinar: Zoom Cloud (First 100); youtube live streaming (Link will be provided on 4.09.2020)
E-certificate will be provided after completion of webinar by submitting feedback form
Registration link for the webinar: <https://forms.gle/yLqLkewKtTgtM6>
Telegram group link: <https://t.me/joinchat/PBpEnRyYcPzjYwAtAMJCMEA>
Contact Details: Dr. R. S. Dhabbe (9970978781); Mr. K.R. Kumbhar (8088110613)

National Webinar on Impact of Pesticide Residue & Its Analysis



Organized by
Department of Chemistry & Physics
Jaysingpur College, Jaysingpur, Maharashtra
and



P. G. Department of Chemistry
Devchand College, Arjunnagar, Maharashtra

Tuesday, 8th September 2020 @ 11:00 am

In Association with

IQAC, Jaysingpur College, Jaysingpur and
IQAC, Devchand College, Arjunnagar

Our Speaker



Mr. Ramchandra V Awalekar, M.Sc. (Ag. Chem.),
Lead Scientist (Pheromones Dept)
Russell IPM,
India

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Principal,
Jaysingpur College, Jaysingpur

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Dr. S. A. Kenawade

Dr. P. P. Chikode

Dr. S. S. Mahajan

Dr. R. D. Mane

Registration fees: Free

Mode of Webinar: Zoom Cloud (First 100); youtube live streaming (Link will be provided on 8th Sept 2020)

E-certificate will be provided after completion of webinar by submitting feedback form

Registration link for the webinar: <https://forms.gle/ODq86YRJCQzZQGz8>

Telegram group link: <https://t.me/joinchat/MXkIBsrZP7leNABsqNvRw>

Contact Details: Dr. R. S. Dhabbe (9970978781); Mr. K. K. Kumbhar (8088110613)

State Level Webinar on Mental Health for All



Organized by
Department of Psychology
Jaysingpur College, Jaysingpur, Maharashtra
The New College, Kolhapur, Maharashtra



Tuesday, 13th October 2020 @ 10.00 am

In Association with

IQAC, Jaysingpur College, Jaysingpur and
IQAC, The New College, Kolhapur



Miss Shalmali Ranmale,
Clinical Psychologist,
Founder of Manohita, Kolhapur



Miss Shreya Shete,
Psychologist @ Manohita,
Kolhapur

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Jaysingpur College, Jaysingpur

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Principal,
The New College, Kolhapur

Mrs. V.V. Chougule
Convener

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Dr. P. T. Mane

Dr. K. D. Khaladkar

Registration fees: Free

Mode of Webinar: Zoom Cloud (First 100); youtube live streaming

E-certificate will be provided after completion of webinar by submitting feedback form

Registration link for the webinar: <https://forms.gle/ciaE8DAToWtWwXR8>

Telegram group link: <https://t.me/joinchat/QHvBExmIN4YQumw9w3mYQ>

Contact Details: Mrs. C. V. Rajadnya (706697120); Mrs. V. V. Chougule (9423860371)

National Webinar on Challenges Before Indian Democracy



Organized by
Department of Political Science and IQAC
Jaysingpur College, Jaysingpur, Maharashtra

Friday, 11th September 2020 @ 11 am



Resource Person: Shri. Prasad M. Kulkarni,
Secretary, Samajwadi Prabodhini Ichalkaranji, Tal.
Hatkanangale, Dist. – Kolhapur and Editor, Prabodhan
Prakashan Jyoti (Monthly)

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Jaysingpur College, Jaysingpur

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Jaysingpur College, Jaysingpur

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Mr. S. B. Daphalapurkar

Registration: Free

Registration Link: <https://forms.gle/m6pdhi7uwo0XY3PN6>

Telegram Link: <https://t.me/joinchat/QwbN0hrbjG2sSj62-Gv9gg>

WhatsApp Link: <https://chat.whatsapp.com/HZbAPGTbxcNCW2KVNC8h9>

(1) Participants are requested to join Telegram group or WhatsApp by provided link

(2) Zoom Meeting Link will be shared on Telegram group or WhatsApp

(3) YouTube Live link will be shared on the same social media platforms

(4) Feedback Form will be shared after webinar on telegram/WhatsApp groups

(5) After submitting the feedback form e-certificate of attendance will be sent on your registered email id.



On the Occasion of 75th World Food Day
Department of Botany
Jaysingpur College, Jaysingpur
Maharashtra, India

Organizes National Level Webinar on "Kitchen Garden For Safe Food"

Tuesday, 20th October 2020 @ 10.00 am

In Association with
IQAC, Jaysingpur College, Jaysingpur



Dr. Dhanashri S. Patil, M.Sc., Ph.D
Assistant Professor and Head,
Department of Botany,
Br. Balasaheb Khardekar College, Vengurla,
Maharashtra, India

Organizing Committee

Dr. R. R. Kumbhar
Principal,
Jaysingpur College, Jaysingpur

Dr. Mrs. M. V. Kale
Convener

Dr. S. R. Sabale
IQAC-Coordinator

Members

Dr. S. D. Umdale
Assistant Professor,
Department of Botany,
Jaysingpur College, Jaysingpur
Contact: 8806323229

Dr. R. S. Dhabbe
Assistant Professor,
Department of Botany,
Jaysingpur College, Jaysingpur
Contact: 9970978781

Registration fees: Free

Mode of Webinar: Zoom Cloud (First 100); youtube live streaming

E-certificate will be provided after completion of webinar by submitting feedback form

Registration link for the webinar:

<https://forms.gle/7dBS51xGXRzXhXE6>

Telegram group link:

<https://t.me/joinchat/RJ3vRRfFbMckj8sEwHYMA>

Regards,

Dr. Mrs. Manisha V. Kale
Associate Professor & Head,
Department of Botany,
Jaysingpur College, Jaysingpur

Ph: 9730009918



Jaysingpur College Jaysingpur

Affiliated to Shivaji University, Kolhapur

Accredited 'A' grade by NAAC

DST-FIST (level-1) sponsored

Academic Year-2020-21

Department Name-Chemistry

Name of Teacher-Dr. Sandip R. Sabale

Email jd-srsabale@gmail.com

Contact number-9371594299

Details of platform used for online teaching

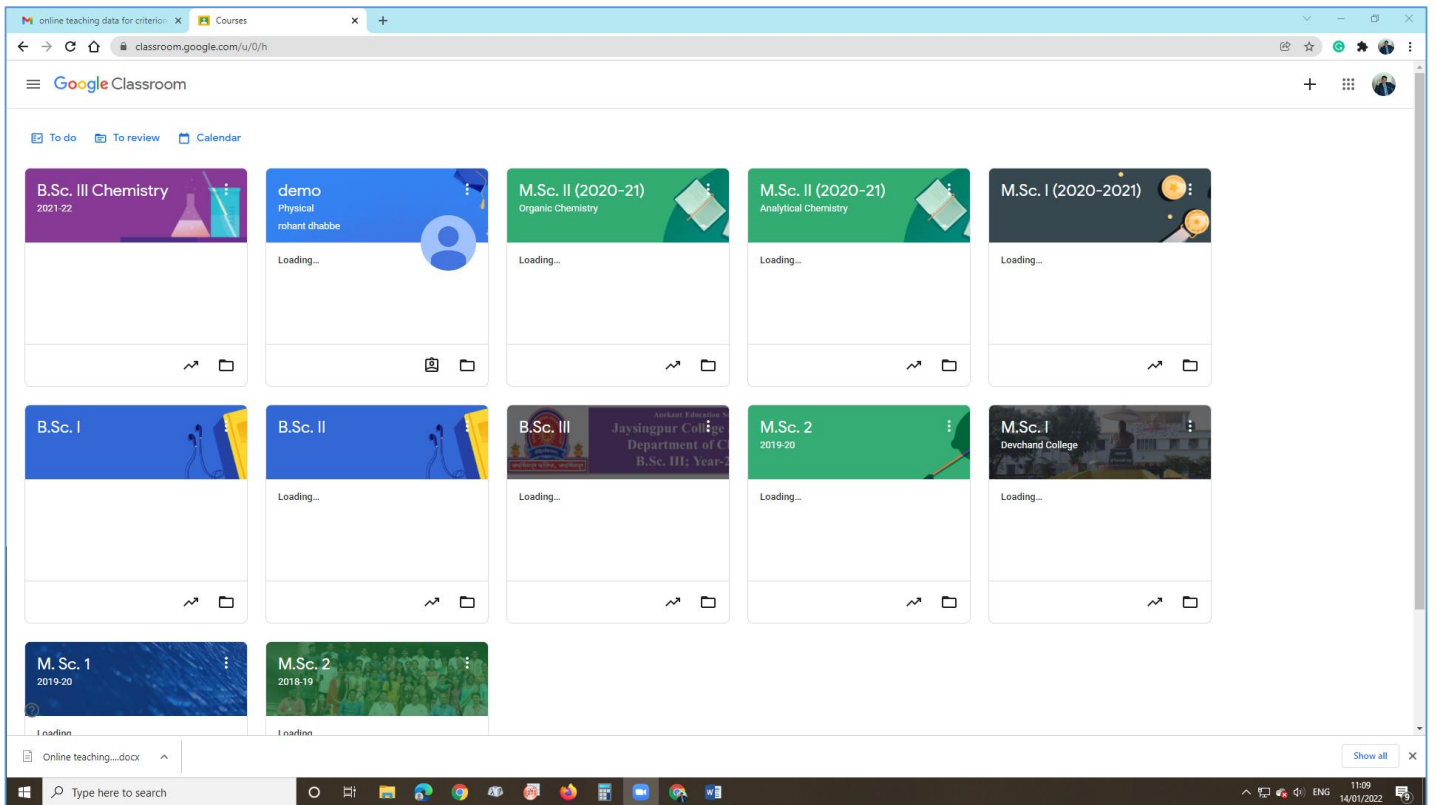
Google classroom link (if any)- <https://classroom.google.com/u/0/h>

Zoom meeting id and code (if any)-4676181234

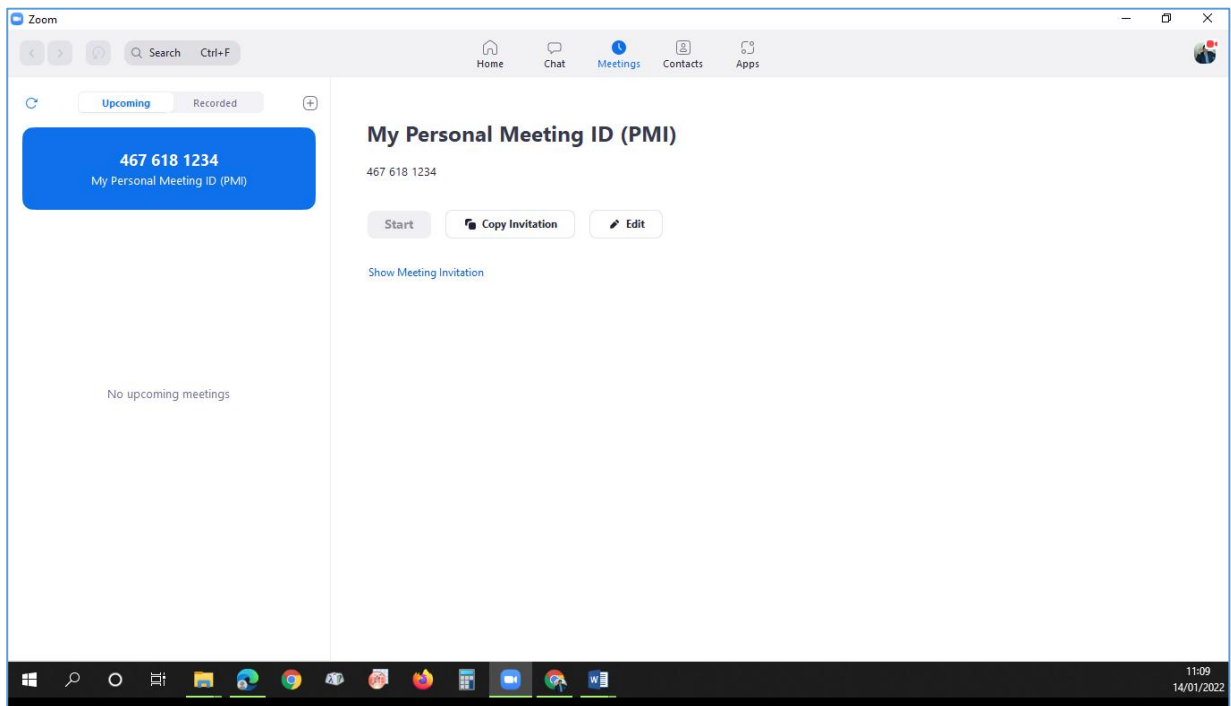
Information about any other platform-

Sr.No.	Class/ Paper Name/ Number	Total No. of online Lectures	Online platform used	No. of Beneficiaries/ students	Any Additional work done through Online platform (Eg-online exam/ webinar/conference etc)
1	B.Sc. I	15 practical	Zoom	243	
2	B.Sc.II	20	Zoom	190	
3	B.Sc. III	25	Zoom	93	

Google classroom



Zoom



B.Sc.I

chromatography

Aim:- To separate & identify the cations from the given mixture by paper chromatographic technique
 Three possible mixture may be given as:
 i) $(Ni^{2+} + Co^{2+})$, ii) $(Ni^{2+} + Co^{2+})$, iii) $(Co^{2+} + Co^{2+})$

Apparatus:- i) A strip of whatmann filter paper 8.5×2.5 cm
 ii) chromatography jar $8" \times 1"$ with bank cork on cylinder $10" \times 6"$ with lid
 iii) sharp pencil iv) foot rule v) Glass dropper
 vi) sprayer etc.

chemicals:- Distica solvent spraying agent (Rubenic acid), ammonia mixture given for separation.

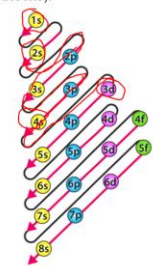
B.Sc.II

First Transition Series: As the last electron enters the 3d orbital, first transition series is also called as 3d block or 3d series.

The elements scandium to zinc ($Z = 21$ to 30) are known as the **3d block of elements** because here the first of the possible d sub-shells is progressively filled (3d-block – first row of the d-blocks).

In this series there are ten elements included which are **Sc, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, and Zn**. They always correspond to the filling of the 3d subshell.

The general electronic configuration of these elements can be written as



B.S.III

Manufacture of white sugar in India

```

    Cane -> Revolving wheel -> Cane chips -> Milling house -> Cane juice -> Steam heater -> Hotter juice -> Clarifier -> Filtration -> Clear molasses syrup
    Cane juice -> (i) Spaded externally (ii) Crystallization -> Vacuum pan -> Coloured syrup -> Multiple effect evaporator -> Clear molasses syrup
    Cane juice -> Centrifuge -> Molasses
  
```

Jaysingpur College Jaysingpur

Department of Psychology

Details of Online teaching - 2020-21

Name of Teacher- Smt. V.V.Chougule

Email id- vvc.jsp@gmail.com

Contact number - 9423800371

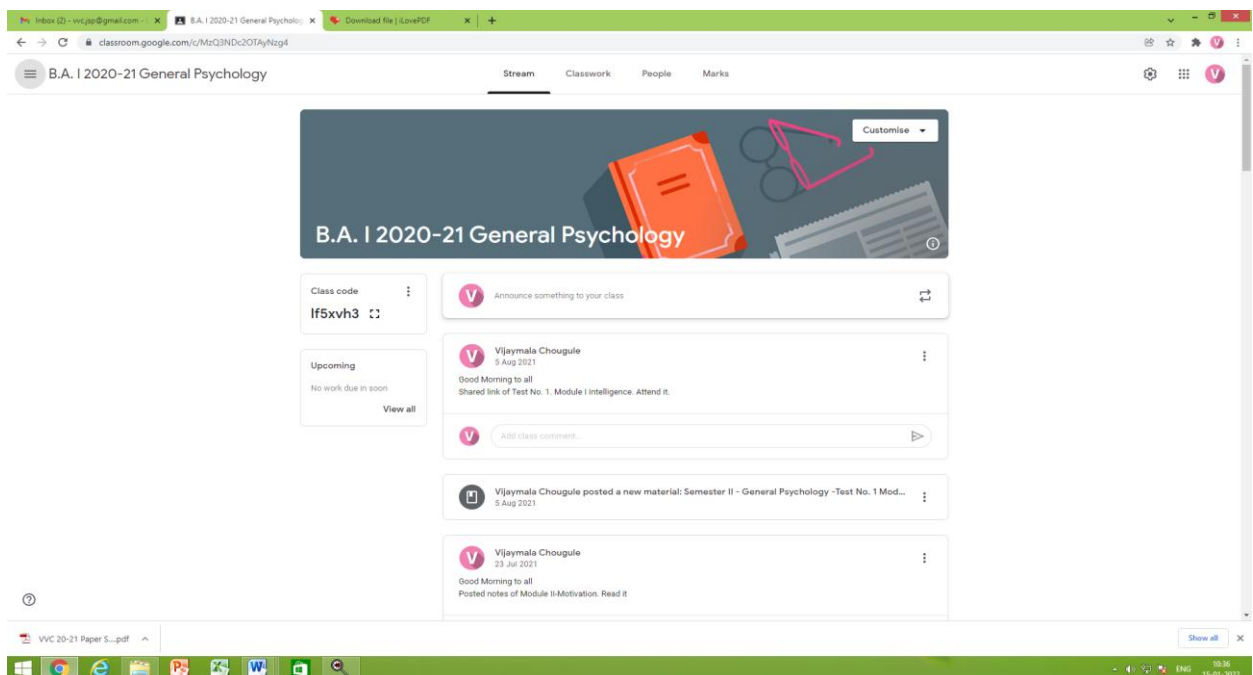
Google classroom link –

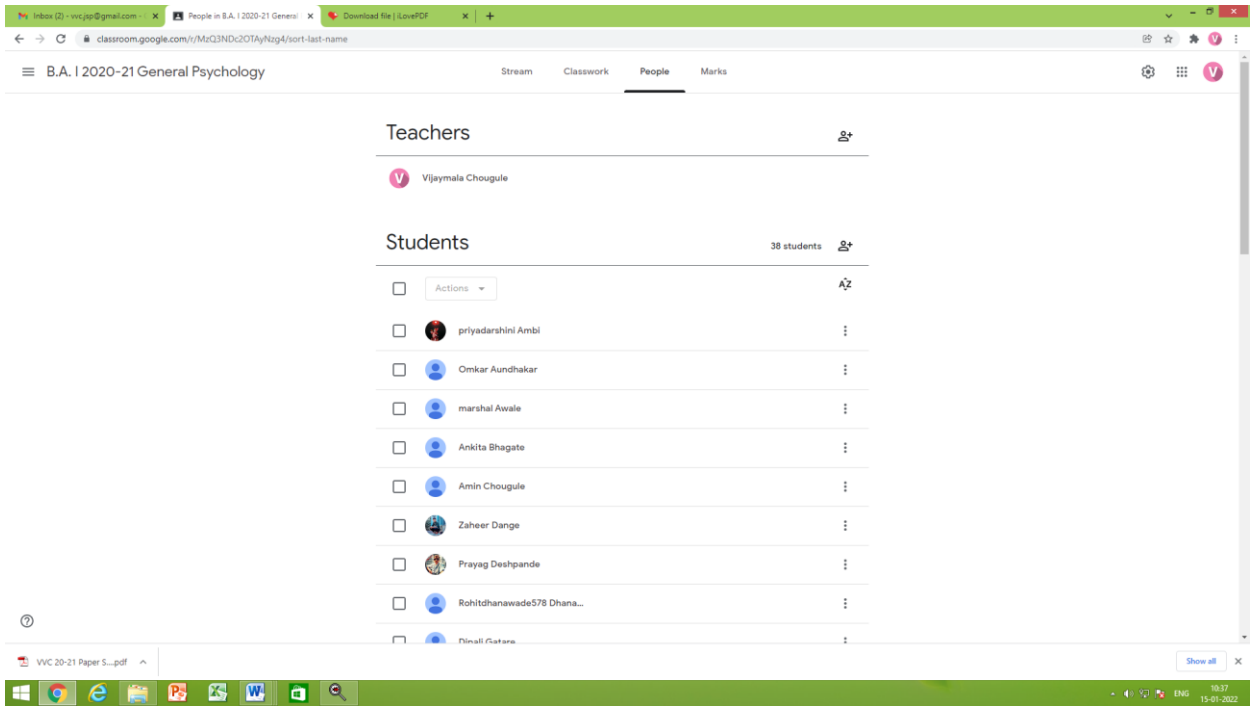
1 B.A.I - <https://classroom.google.com/r/MzQ3NDc2OTAYNzg4/sort-last-name>

2. B.A.II - <https://classroom.google.com/c/MTE4MDU4MzM4NTY0>

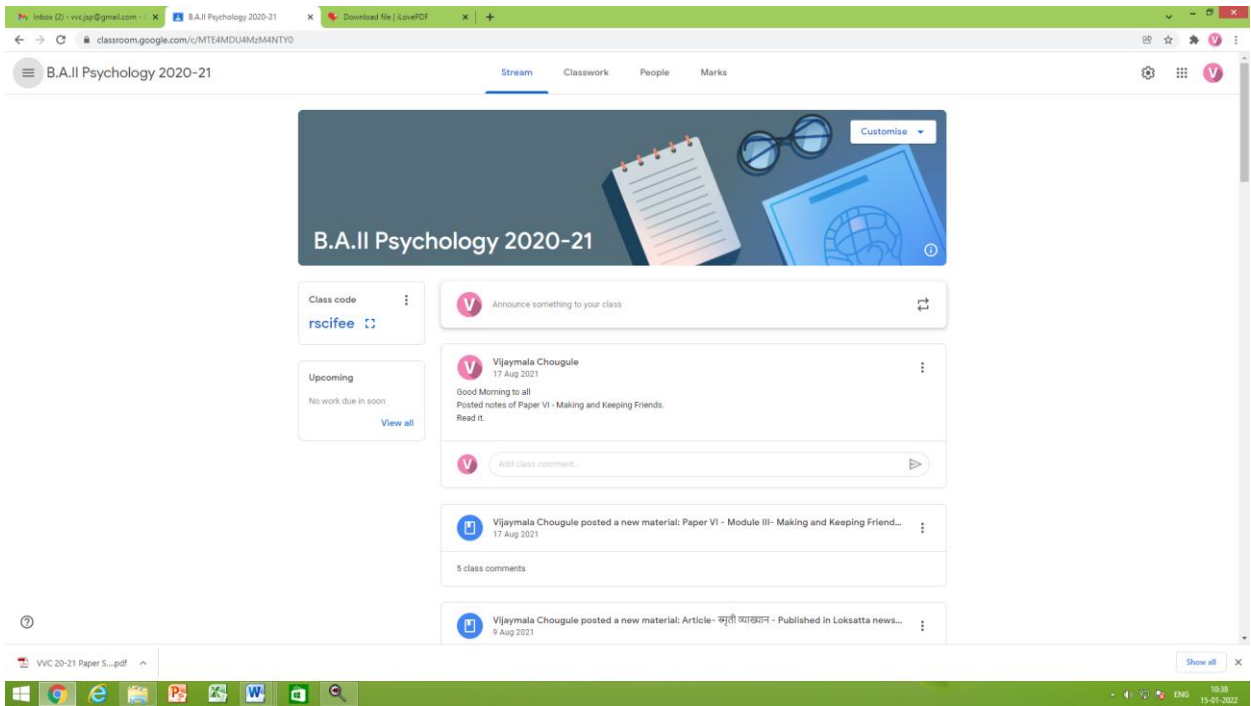
3. B.A.III <https://classroom.google.com/r/MTE3MDY3NTEwMjA4/sort-last-name>

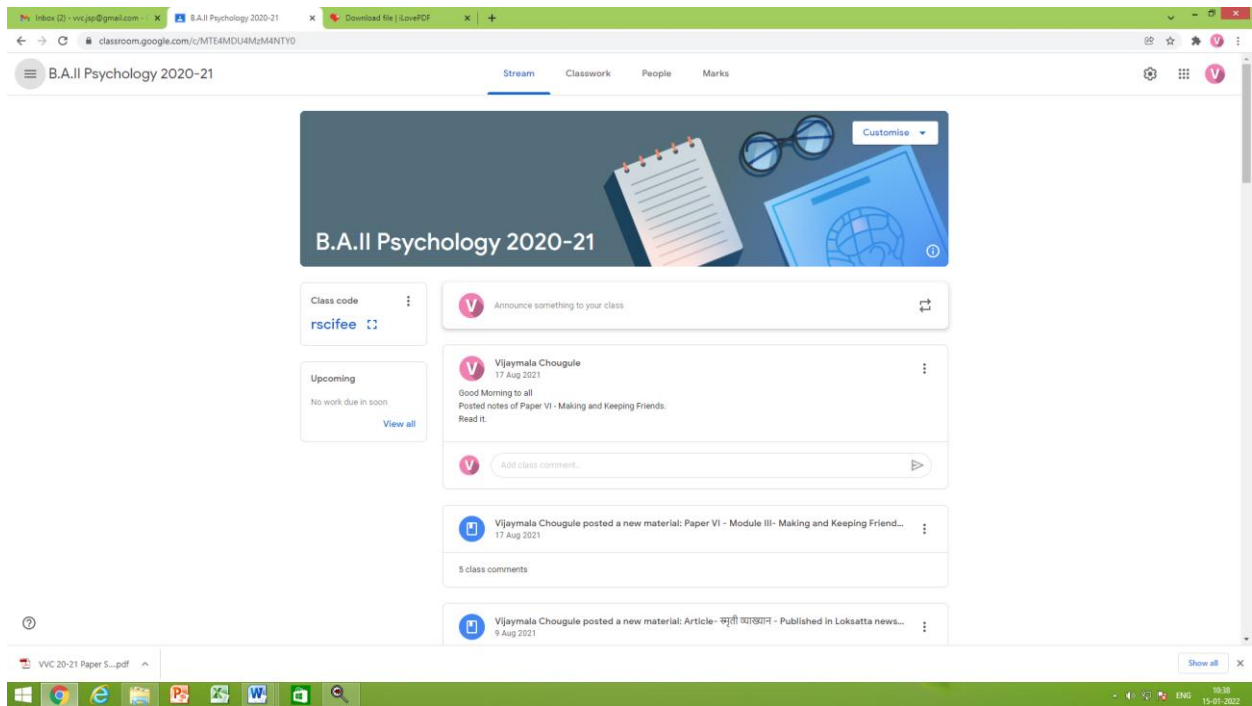
1 B.A.I – Screenshot of Google classroom



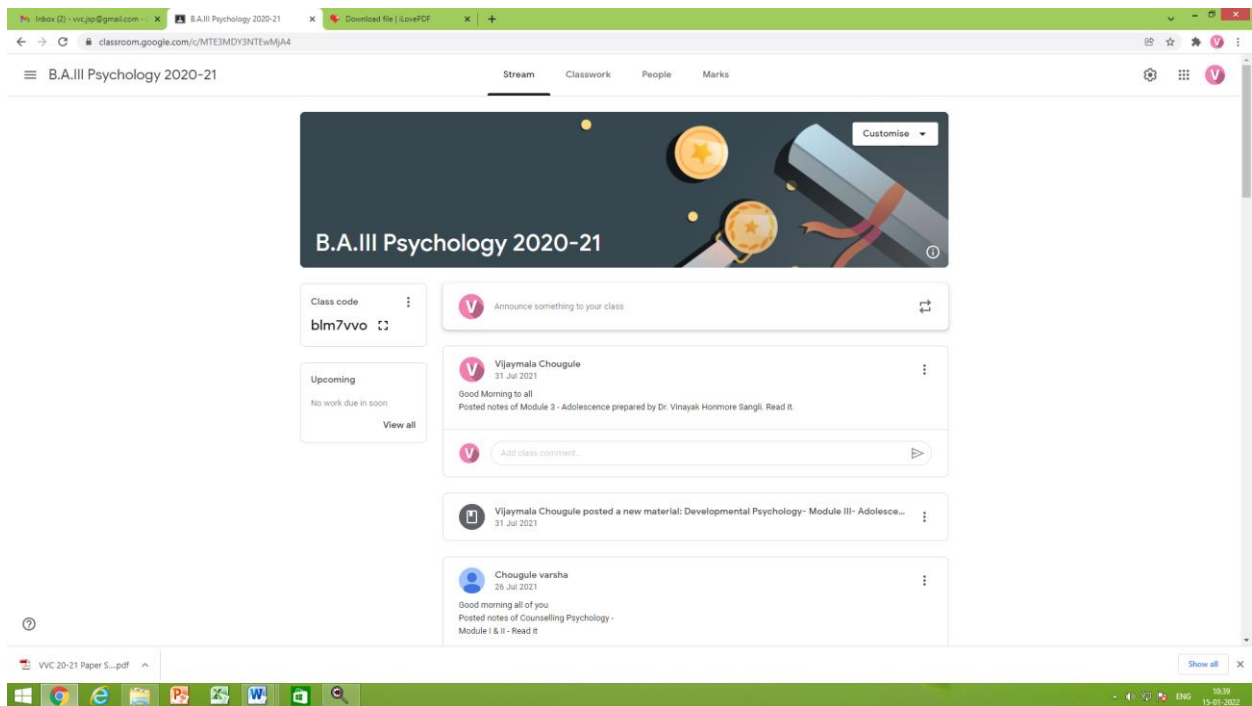


2 B.A.II – Screenshot of Google classroom





3 B.A.III – Screenshot of Google classroom



Head, Department of Psychology
Jaysingpur College, Jaysingpur



Jaysingpur College Jaysingpur

Affiliated to Shivaji University, Kolhapur

Accredited 'A' grade by NAAC

DST-FIST (level-1) sponsored

Academic Year-2020-21

Department Name- Physics

Name of Teacher- Dr.R.D.Mane

Email id- drmanerd@gmail.com

Contact number- 7588260164

Details of platform used for online teaching-Zoom

Google classroom link (if any)-

B.Sc.I A <https://classroom.google.com/c/MzY0NTI1OTE4NjEx?cjc=6vuu376>

B.Sc.I B <https://classroom.google.com/c/MzY0NTI3NzA2OTQ5?cjc=xsjbauu>

B.Sc.II <https://classroom.google.com/c/MzY0NTI3ODkwMjgx?cjc=kmm56bu>

B.Sc.III <https://classroom.google.com/c/NjgxOTk4OTI5NjJa?cjc=2dgap54>

Zoom meeting id and code (if any)- 4071252734(P1) 71585359432(P1)

78858044260 and P1

Information about any other platform-

Sr.No अनु. क्र Class/	Paper Name/ Numberवर्ग/ विषयचेनाव/ क्रमांक	Total No. of online Lectures ऑनलाइन लेक्चर्सची एकूणसंख्य ा	Online platform used ऑनलाइन प्लॅटफॉर्मवा परले	No. of Beneficiaries/ students लाभार्थ्यांची / विद्यार्थ्यांची संख्या	Any Additional work done through Online platform (Eg-online exam/ webinar/conference etc) ऑनलाइनप्लॅटफॉर्मद्वारेकोणतेही अतिरिक्तकामकेलेजाते (उदा.-ऑनलाइनपरीक्षा/ वेबिनार/कॉन्फरन्सइ.)
1	B.Sc.III Paper XIV Solid State Physics And Practical	22	Zoom	16	1)Online course- Human Values 2) Done FDP 3) Attend International & National conference




2	B.Sc.II Paper VII Thermodynamic Potentials & Practical	08	Zoom	34	4) Attend Webinar 5) Online Exam. B.Sc.I,II,III
3	B.Sc.I Paper I Mechanics-I	05	Zoom	65	




B.Sc.I




11:10 AM 10.4KB/s




Close Participants (35)




Search




 मोहम्मद जुनैद (me)
 





 DR.RAVINDRA MANE (Host)
 


 ABHISHEK KHILARE 145
 


 ABHISHEK POWAR
 





 Amruta Desai_144
 





 Amruta Mahadik 23
 





 Arati Panadare - 46
 





10:26 66%




Close Participants (65)




 Pooja Natekar
 





 Pragati Chavan
 





 Prathamesh Gouraj
 





 Pratiksha patil
 





 Priya salunkhe
 





 Ramzan kannur
 





 Riza Bagwan
 


 Rohini Zanje
 


 RUTUJA BENDARE
 


 Rutuja Chavan
 





 SAIJIDA MOMIN
 





 Sakshi Mane
 





Invite




10:26 66%




Close Participants (65)




 Snehal
 





 snehal Bhandare
 





 Snehal Mali
 


 Soundarya Mangave
 


 Sukeshini kamble
 


 Supriya powar
 





 Sushil karade
 





 Swati Thomake
 





10:26 66%




Close Participants (65)




Search




 Tasnim (me)
 





 DR.RAVINDRA MANE (Host)
 





 Ajay
 





 Akashata
 





 Ambika manseh mamadapure
 





 Amruta adsule
 


 Ashwini Hajare
 


 Diksha Patil
 


 Divya kulkarni
 


 Kirti Sankpal
 


 Kirtika Joshi
 


Invite



Jaysingpur College Jaysingpur

Affiliated to Shivaji University, Kolhapur

Accredited 'A' grade by NAAC

DST-FIST (level-1) sponsored (Year-2020-21)

Department Name-Chemistry

Name of Teacher-Dr.R.S.Dhabbe

Email id-rsdhabbe@gmail.com

Contact number-9970978781

Details of platform used for online teaching

Google classroom link (if any)-

B.SC III-<https://classroom.google.com/c/MTI2NTAxNjUzMzU1?cjc=vzpdv77>

M.SC II- <https://classroom.google.com/c/MTI2NTAxNjUzMzYx?cjc=zkv4b7>

Zoom meeting id and code (if any)- Meeting ID: 505 627 6555 Passcode: 100

Information about any other platform- [Teachmint](#) using:

B.Sc 2 <https://www.teachmint.com/enroll/722847088/60b5d1f6651223b7a6028502>

Classroom ID: 722847088 Subject: Physical Chemistry

B.Sc III <https://www.teachmint.com/enroll/390166544/60b5d1f6651223b7a6028502>

Classroom ID: 390166544 Subject: Physical Chemistry

Sr.No. अनु. क्र	Class/ Paper Name/ Number वर्ग/ विषयचे नाव/ क्रमांक	Total No. of online Lectures ऑनलाइन लेक्चर्सची एकूण संख्या	Online platform used ऑनलाइन प्लॅटफॉर्म वापरले	No. of Beneficiaries/ students लाभार्थ्यांची / विद्यार्थ्यांची संख्या	Any Additional work done through Online platform (Eg-online exam/ webinar/conference etc) ऑनलाइन प्लॅटफॉर्मद्वारे कोणतेही अतिरिक्त काम केले जाते (उदा.-ऑनलाइन परीक्षा/वेबिनार/कॉन्फरन्स इ.)
1	B.Sc-II SEM-III/paper No. V/Physical Chemistry	12	Zoom	192	
2	B.Sc-III SEM-VI/paper No. XV/Physical Chemistry	13	Zoom	97	
3	B.Sc-III/Practicals	25	Zoom	97	
4	-	01	Zoom	115	National Multilingual webinar on "Chanakya Neeti: The Mantra to Excel"
5	-	01	Zoom	100	National Multilingual webinar on Challenges in Education
6	-	01	Zoom	200	International E-conference on Emerging Trends and challenges in chemical sciences
7	Science Staff of College	01	Zoom	21	Star College meeting

Browser tabs: Inbox (8,903) - rsdhabbe, Inbox (1) - jcjnaaccriterio, (60) WhatsApp, Classes

Address bar: classroom.google.com/u/0/h

Google Classroom

To review | Calendar

demo
Physical

B.Sc. I

B.Sc. II

B.Sc. III
Ankant Education S...
Jaysingpur Coll...
Department of C...
B.Sc. III; Year-2

M.Sc. I (2020-2021)

M.Sc. II (2020-21)
Organic Chemistry

Taskbar: Windows, Chrome, File Explorer, Word, System tray: 7:20 PM 12/01/2022

Zoom Meeting

Participants (20)

Find a participant

- rohant Dhabbe (Host, me)
- 7875858826
- Anu
- Kiran pardole
- Kishori Patil
- Nutan Mali
- Pankaj shtole
- Prajakta chavan
- prajakta varale
- Priyanka Patil
- Rachan... [Ask to Unmute](#) [More](#)
- Rukhsana maldar
- Rushikesh Shinde
- Ruhija Badabade

Invite | Mute All

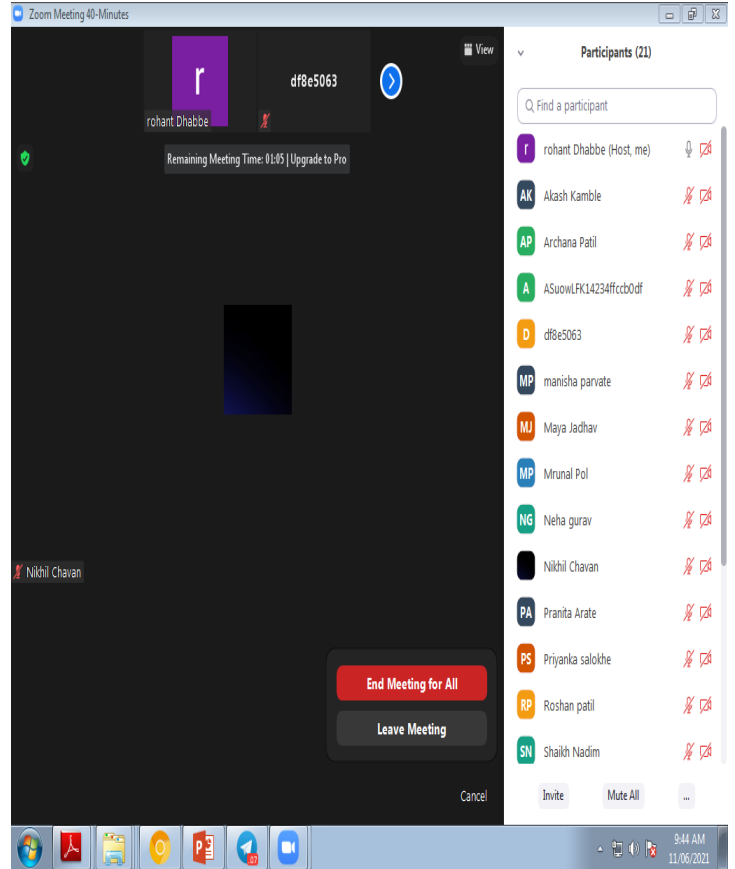
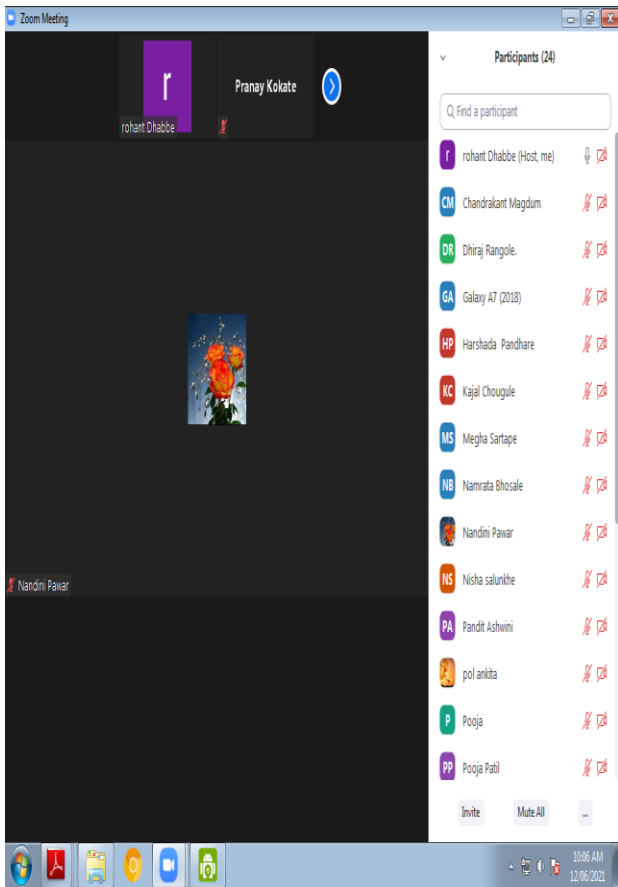
15:04 AM 21/05/2021

Participants (7)

Close

- rohant Dhabbe (Host, me)
- Akshata Khedkar
- Archana Patil
- Pranita Arate
- Priyanka salokhe
- Smita Patil
- Swati Walekar

Invite | Mute All



Select a session to report

Start Time	Duration	Participants	
06/02/2021 12:13:44 PM	35	97	Report this Session
05/28/2021 10:39:00 AM	35	28	Report this Session
05/25/2021 11:54:47 AM	40	27	Report this Session
06/02/2021 12:56:40 PM	41	67	Report this Session
06/01/2021 11:46:10 AM	3	6	Report this Session



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Affiliated to Shivaji University, Kolhapur

Accredited 'A' grade by NAAC

DST-FIST (level-1) sponsored

Academic Year-2020-21

Department Name- Physics

Name of Teacher- Dr. Smita S. Mahajan

Email id- drssmahajan13@gmail.com

Contact number-9890632918

Details of platform used for online teaching- Zoom meeting, Google classroom, What app group,

Google classroom link (if any)-

<https://classroom.google.com/c/MzY5NzY2MDc0MDA2?cjc=2xexmsn>

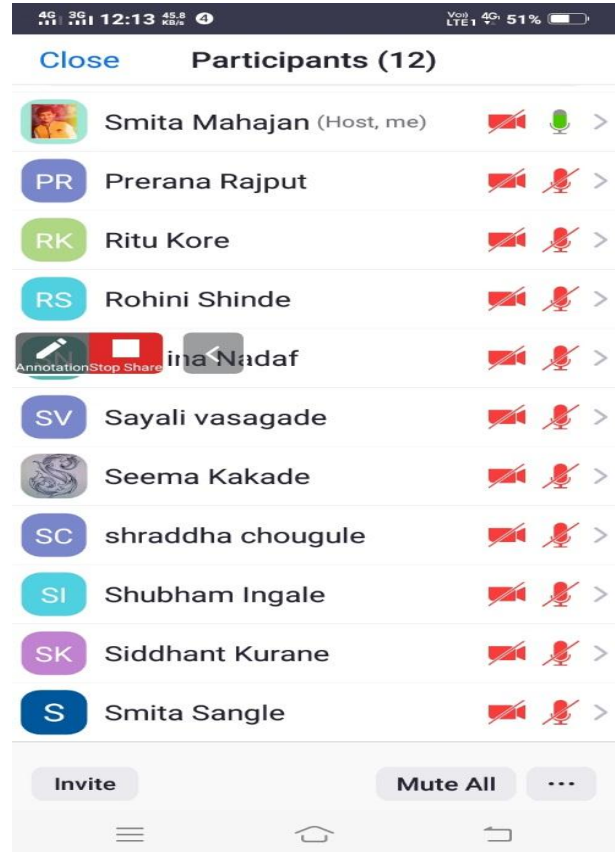
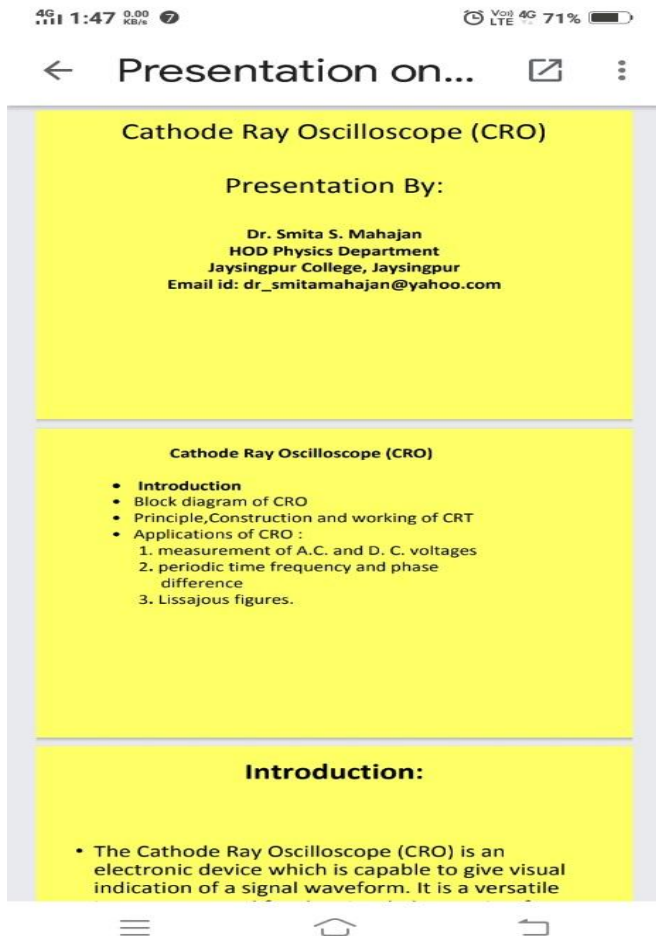
<https://classroom.google.com/c/MTMxNTc4MjA2NTg3?cjc=7hqkyqb>

Zoom meeting id and code (if any)- 777 1120 5742, 716 6706 1721

Information about any other platform-

Sr. No.	Class/ Paper Name/ Number	Total No. of online Lectures	Online platform used	No. of Beneficiaries/ students	Any Additional work done through Online platform (Eg-online exam/ webinar/conference etc)
1	BSc III-				
2	Paper-XII-Digital and Analog Circuits and Instrumentation	20	Zoom meeting, Google class room	34	online exam
3	Paper-XVI DSE-F4 Energy Studies and Materials Science	20	Zoom meeting, Google class room	24	online exam

(*-Kindly attach the screenshots of lectures (any three) or any addition information separately.)





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Affiliated to Shivaji University, Kolhapur

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DST-FIST (level-1) sponsored

Academic Year-2020-21

Department Name- Mathematics

Name of Teacher- Dr. J B Patade

Email id- dr.jayvantpatade@gmail.com

Contact number- 9404408035

Details of platform used for online teaching

Sr.No. अनु. क्र	Class/ Paper Name/ Number वर्ग/ विषयचे नाव/ क्रमांक	Total No. of online Lectures ऑनलाइन लेक्चर्सची एकूण संख्या	Online platform used ऑनलाइन प्लॅटफॉर्म वापरले	No. of Beneficiaries/ students लाभार्थ्यांची / विद्यार्थ्यांची संख्या	Any Additional work done through Online platform (Eg-online exam/ webinar/confe rence etc) ऑनलाइन प्लॅटफॉर्मद्वारे कोणतेही अतिरिक्त काम केले जाते (उदा.-ऑनलाइन परीक्षा/वेबिनार/कॉन्फर न्स इ.)
1	B. Sc. Part – I : i) Calculus (DSC – 6A), ii) Differential Equations (DSC – 5B)	76	Zoom	95	webinar
2	B. Sc. Part – II: i) Algebra-I (DSC – 6C), ii) Algebra-II (DSC – 6D)	80	Zoom	86	
3	B. Sc. Part – II: i) Mathematical Analysis (DSE E9) ii) Integral Transforms (DSE E12) iii) Linear Algebra (DSE F10) iv) Complex Analysis (DSE F11)	150	Zoom	21	

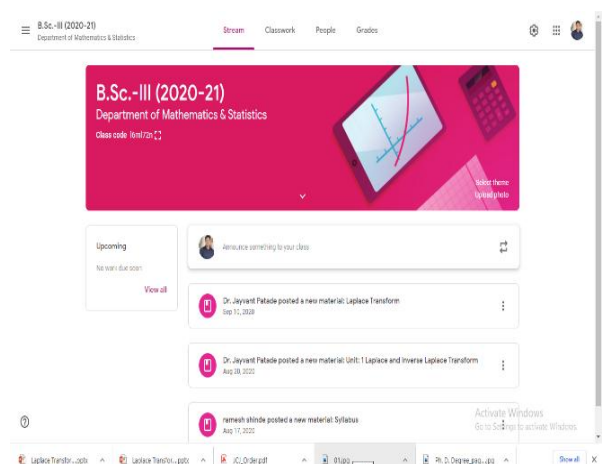
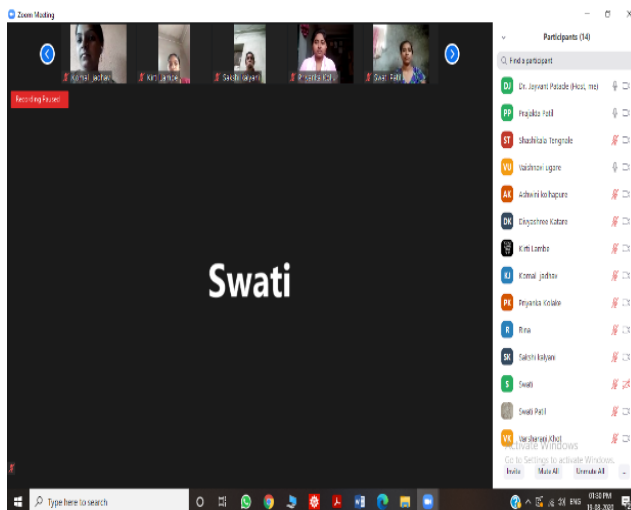
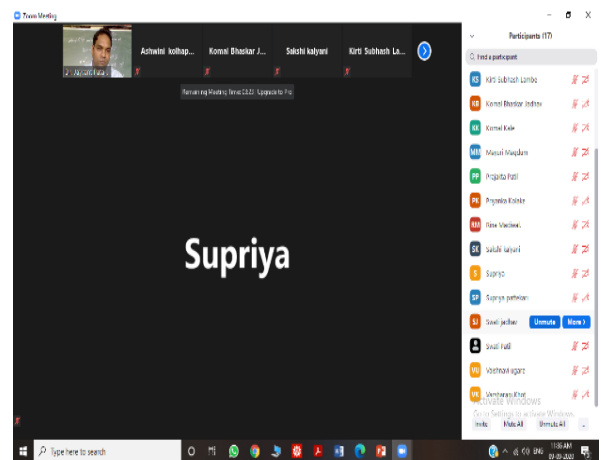
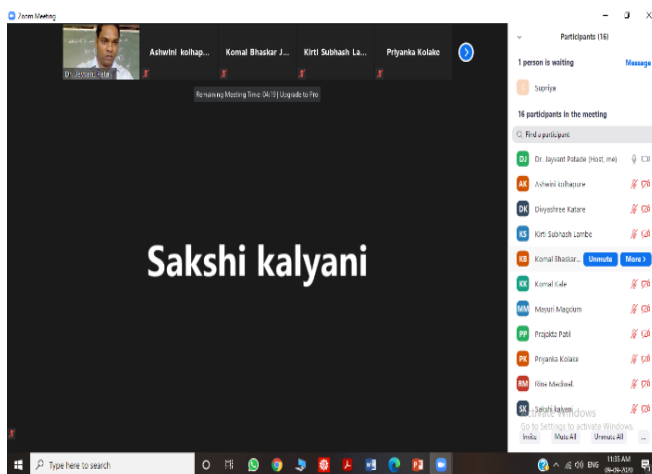
Google classroom link (if any)-

<https://classroom.google.com/c/MTI2NTEExNjYzNDU4?cjc=16ml72n>

Zoom meeting id and code (if any)- 557 156 8415 and 123

Information about any other platform-

(* - Kindly attach the screenshots of lectures (any three) or any addition information separately. कृपया व्याख्यानांचे स्क्रीनशॉट (कोणतेही तीन) किंवा कोणतीही अतिरिक्त माहिती स्वतंत्रपणे संलग्न करा)





Jaysingpur College Jaysingpur

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Accredited 'A' grade by NAAC

DST-FIST (level-1) sponsored

Academic Year-2020-21

Department Name- BOTANY

Name of Teacher- Dr. Suraj Dhanyakumar Umdale

Email id- surajdumdale@gmail.com

Contact number- 8806323229

Details of platform used for online teaching

Google classroom link (if any)-

B.Sc. III (Botany) <https://classroom.google.com/u/0/c/MTI3MzQwNzcxNjI1>

Zoom meeting id and code (if any)- Zoom Meeting ID: 211 3981 Passcode: 1

Link-

<https://us04web.zoom.us/j/5642113981?pwd=SFNmQUIvT0tRaHlDaVYrN3I5bzJVQ>

[T09](#)

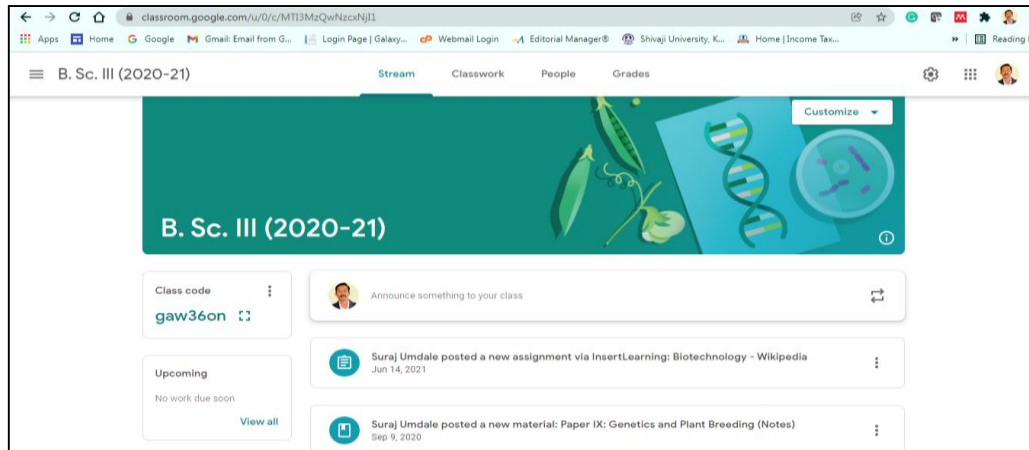
Information about any other platform-

Sr. No. अनु. क्र	Class/ Paper Name/ Numberवर्ग/ विषयचेनाव/ क्रमांक	Total No. of online Lectures ऑनलाइन लेक्चर्सची एकूण संख्या	Online platform used ऑनलाइन प्लॅटफॉर्म वापरले	No. of Beneficiaries/ students लाभार्थ्यांची / विद्यार्थ्यांची संख्या	Any Additional work done through Online platform (Eg-online exam/ webinar/conference etc) ऑनलाइन प्लॅटफॉर्मद्वारे कोणतेही अतिरिक्त काम केले जाते (उदा.-ऑनलाइन परीक्षा/वेबिनार/कॉन्फरन्सइ.)
1	B.Sc. II	Sem I-6 Sem II-7	Lecture	73	Nil
2	B. SC. III	Sem I- 22 Sem II- 19	Lecture	18	Online Practical examination

(*-Kindly attach the screenshots of lectures (any three) or any addition information separately. कृपयाव्याख्यानांचेस्क्रीनशॉट (कोणतेहीतीन) किंवाकोणतीहीअतिरिक्तमाहितीस्वतंत्रपणेसंलग्नकरा)

Google Classroom:

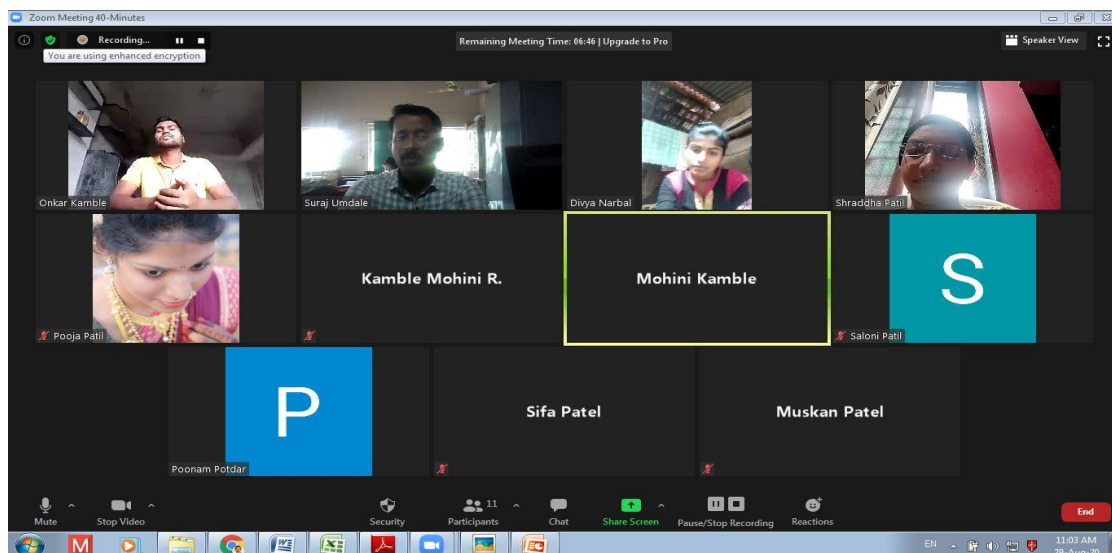
Google classroom Link: <https://classroom.google.com/u/0/c/MTI3MzQwNzcxNjI1>



Google Meet Lecture of B. Sc. III (Botany) 21st August, 2020



Zoom Lecture of B. Sc. III (Botany) 29th August, 2020



Zoom Lecture of B. Sc. III (Botany) 27th August, 2020

zoom_0.mp4 - MPCSTAR 5.4

Home Insert Design Animations Slide Show Review View

Layout -> New Slide -> Delete

Slides Outline

17
18
19
20

Click to add notes

Stopped

1368x768 00:00 / 00:00

EN

B. Sc. III (Botany) Practical Examination 2020-21

shivaji_461234389.mp4 - MPCSTAR 5.4

Home Insert Design Animations Slide Show Review View

Layout -> New Slide -> Delete

Slides Outline

1
2
3
4

Shivaji University Kolhapur
B. Sc. III Practical Examination
(2020-2021)
On Revised Syllabus (As per CBCS)
Subject- Botany
BOTANY PRACTICAL -IV
Total marks 50
Date: 13/08/2021
Time: 10:00 am onwards

Playing

1368x768 23:25 / 38:33

shivaji_461234389.mp4 - MPCSTAR 5.4

Show the qualitative Test in the given sample C and D of Protein,
Lipid/ Sugar/ Starch/Cellulose

Blue Purple

Protein Test

C.

POSITIVE NEGATIVE

Gives blue colour Gives brown colour

Lipid Test

D.

Paused

1368x768 25:08 / 38:33



Jaysingpur College Jaysingpur

Affiliated to Shivaji University, Kolhapur

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DST-FIST (level-1) sponsored

Academic Year-2020-21

Department Name- Department of Mathematics and Statistics

Name of Teacher- Mr Pritam R Patil

Email id-pritamrpatil@gmail.com

Contact number- 9922099546

Details of platform used for online teaching : Zoom, Whats app

Google classroom link (if any)-

<https://us05web.zoom.us/j/3017910808?pwd=M0FpNnI2UUtmVmxuUTNyVWZaQmxadz09>

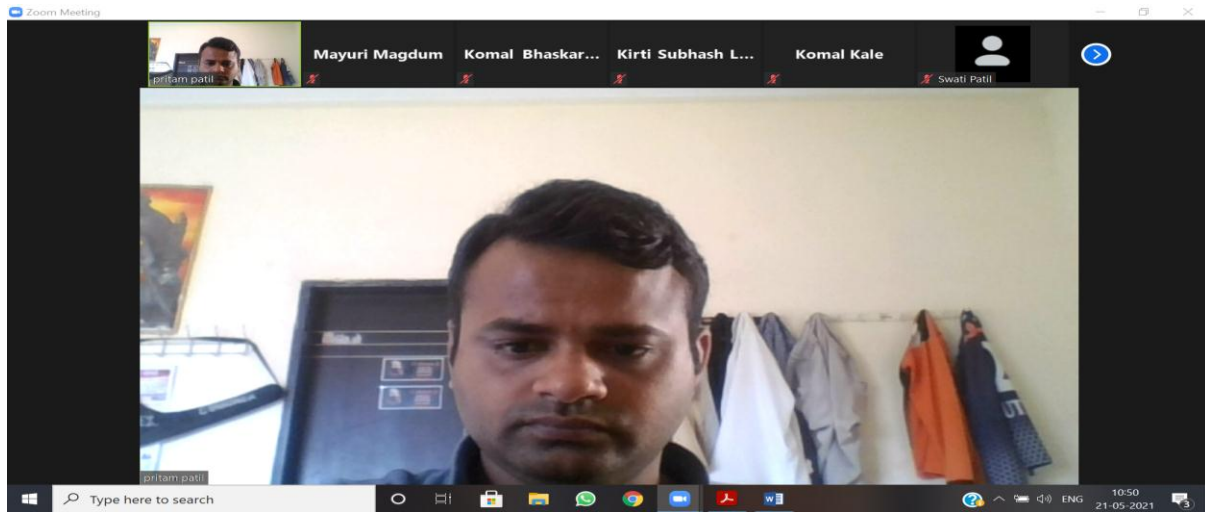
Zoom meeting id and code (if any)- 301 791 0808 and Maths@1234 respectively

Information about any other platform-

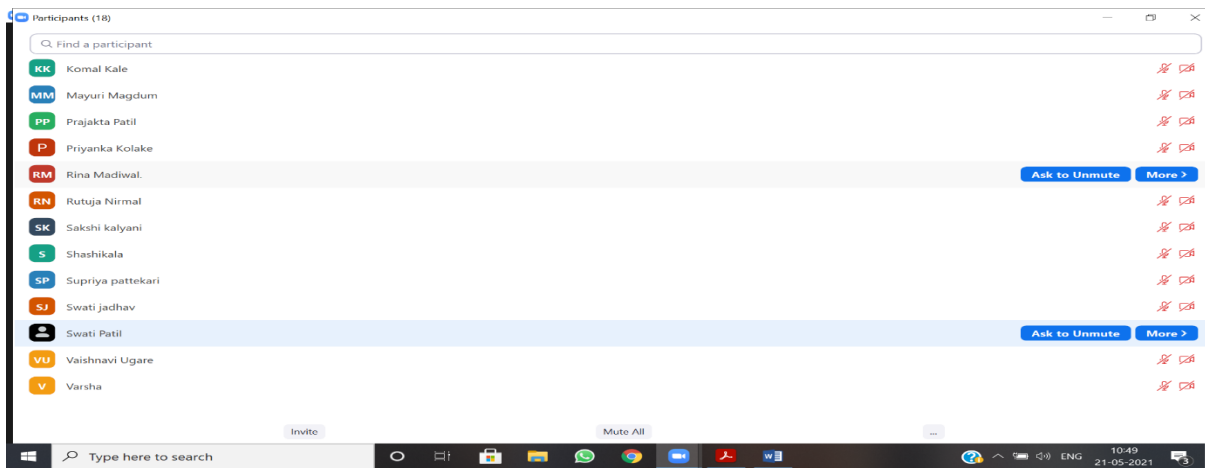
	Class/ Paper Name/ Number वर्ग/ विषयचे नाव/ क्रमांक	Total No. of online Lectures ऑनलाइन लेक्चर्सची एकूण संख्या	Online platform used ऑनलाइन प्लॅटफॉर्म वापरले	No. of Beneficiaries/ students लाभार्थ्यांची / विद्यार्थ्यांची संख्या	Any Additional work done through Online platform (Eg-online exam/ webinar/conference etc) ऑनलाइन प्लॅटफॉर्मद्वारे कोणतेही अतिरिक्त काम केले जाते (उदा.-ऑनलाइन परीक्षा/वेबिनार/कॉन्फरन्स इ.)
1	Mathematics paper IV	40		96	
2	Mathematics paper VII	37	Zoom , whats app	71	B.Sc I
3	Mathematics paper XIII	42		19	*National Webinar on FDOS

Screenshots:

Class: B.Sc III Date: 21/05/2021 Subject: Metric Space



Class: B.Sc II Date: 14/06/2021 Subject: Real Analysis II



Class: B.Sc I Date: 17/06/2021

