



Criterion 2 - Teaching-learning and Evaluation

Key Indicator 2.3 Teaching- Learning Process

Metric No. 2.3.1

Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences.

GUEST /EXPERT LECTURES

PDEA'S
Waghire College of Arts Commerce and Science, Saswad,
Tal-Purandar, Dist-Pune
(2020-21)

ONLINE GUEST LECTURE SERIES 2
(Under DBT STAR scheme)
On
'Antibiotic- Boon or Bane'

Date: 21/01/2021 (Time: 11.00am to 12.30pm)

Guest speaker: Dr. Anupama Engineer
COO and Cofounder,
Weinnovate biosolutions Pvt. Ltd..

Under DBT Star scheme, the department of Microbiology had organised 2nd lecture series in the month Jan' 2021. On 21st January 2021, a guest lecture was organized on "Antibiotic-Boon or Bane" for T.Y.B. Sc. Microbiology students at 11.00am. The lecture was organized to make students familiar with the concept of Antibiotics, its history and its application throughout the world. We invited a very dashing, an eminent scientist & multitasking personality Dr. Anupama engineer, COO and Cofounder, Weinnovate biosolutions Pvt. Ltd, Pune as a resource person to share her knowledge, research work and experience in the said topic.

She talked about the Concept of antibiotics, right from the discovery of antibiotics, its past history to its exploitation in the current era. She explained the concept of drug resistance and its possible outputs to overcome it. She shared her research work and patents on antibiotic resistance. She explained students how the use of inorganic compounds in antibiotic drug development process may help in overcoming drug resistance problems compared to the use of organic compounds. She talked about the multi drug resistance become a cause of great distress and annoyance to everyone and the role of R-plasmid gene and its curing can be come out as a boon over the problem. Not only this she also put light on the application of modern technology like Nano technology could be a solution for drug resistance. She stressed on economical and careful use of existing antibiotics instead of spending money in the development of new antibiotics. She guided students how one can get over antibiotic resistance by the exploitation of new techniques and technology. She lastly said how a curse of drug resistance can be a rectified. Dr. Sushma Bhosale, Principal, Waghire College Saswad appreciated lecture delivered by the resource person. She also appreciated the efforts taken by HOD of Microbiology department Mrs. Hemlata Sonawane madam, and her team. All heads and faculty of Science departments were also present for a lecture. Welcome of the honourable guest, teachers and students was done by Mrs. Hemlata Sonawane, Introduction of the guest was done by Ms. Vishakha Ganvir and vote of thanks was delivered by Mrs. Hemlata Sonawane.


Head
Department of Microbiology
Waghire College, Saswad


PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune



Waghire College of Arts, Commerce and Science

Saswad, Tal. Purandar, Dist. Pune, Pin-412301.

Affiliated to Savitribai Phule Pune University | Re-accredited at the 'B+' grade by GPAC 2016 by NAAC

|| ID No. PU/PN/ASC/033-1972 || Pune University Code No. 112 || H.S.C. Code No. J11-12-002 || AISHE Code : C - 41716
|| Ph. : (02115) 222524 || Fax : (02115) 222472 || E-mail : wc_saswad@pdeapune.org || www.pdea-wcs.org

Outward No. : WCS : 53/20-21

Date : 19/11/2021

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Ajit Pawar

Vice President
Jendra Ghadge

Hon. Secretary
Adv. Sandeep Kadam

Treasurer
Adv. Mohanrao Deshmukh

Dy. Secretary
L. M. Pawar

Principal
Dr. Sushama Bhosale

To,

Dr. Anupama Engineer
COO and Cofounder
Weinnovatebiosolutions Pvt. Ltd.

Subject: Invitation as Guest lecturer under DBT Star College Scheme

Dear Madam,

It is an immense pleasure to invite you as a guest lecturer to deliver a talk on "Antibiotics - Boon & Bane". This lecture is arranged for our T.Y.B.Sc. Microbiology students. Your lecture would be very useful for these students to understand the concepts of antibiotics. As per your telephonic conversation with Ms. H. V. Sonawane madam we have scheduled the lecture on Thursday 21st January 2021 at 11.00am. Hope that will be fine with you.

We will be sending you Google meet link in time.

Thanks and Regards

for Mr
PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

PDEA's
Waghire College, Saswad
Department of Microbiology

Notice

Date: 19/01/2021

All the T.Y.B.Sc Microbiology students are hereby informed that under DBT Star College Scheme, an online lecture series is organized by the department. Under this series a guest lecture is arranged on Thursday 21st January 2021 at 11.00 am and will be delivered by Dr. Anupama Engineer from Weinnovatebiosolution Pvt. Ltd, Pune on topic "**Antibiotics – Boon or Bane**".

This lecture will be very useful to you all as it is based on your T.Y.B.Sc Microbiology curriculum and it will help you to understand concept of antibiotics .

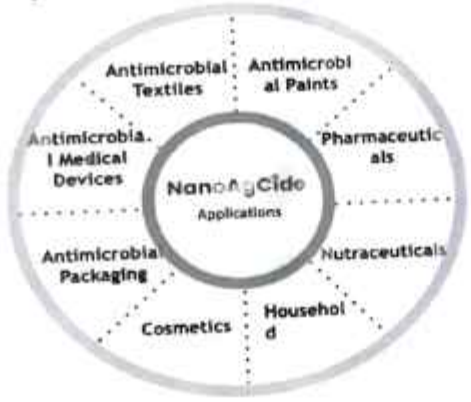
The google link for the same will be provided to you 15 min. before the beginning of lecture.


Head
Department of Microbiology
Waghire College, Saswad



- Meeting details
- People (67)
- Shubham Gade
 - Sneha Kudale
 - Snehal Khenat
 - snehal shirke
 - Sohel Pathan
 - Sonal Hole
 - Srushti Kate
 - Sumita Borkar
 - Supriya Korde
 - Supriya Kone
 - Anupama Engineer Presentation
 - Arati Malavadar
 - Ashitosh Kudale
 - Atharva Selokar
 - beyond academics
 - chirayu chaudhari
 - Dhanashri Raskar
 - Geetanjali Khomane
 - Jyoti Singh
 - kalyani hingane

NanoAgCide



www.witnet.com

Meeting details

- People (73)
- Shubham Gade
 - Sneha Kudale
 - Snehal Khenat
 - snehal shirke
 - Sohel Pathan
 - Sonal Hole
 - Srushti Kate
 - Sumita Borkar
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 - chirayu chaudhari
 - Dhanashri Raskar
 - Geetanjali Khomane
 - Jyoti Singh
 - kalyani hingane

Supriya Kone
Head
 Department of Microbiology
 Waghire College, Saswad

Arati Malavadar
Co-Ordinator
 DBT-STAR College
 DBT-STAR College

Arati Malavadar
PRINCIPAL
 Waghire College, Saswad,
 Tal. Purandar, Dist. Pune.

Tal. Purandar, Dist. Pune

PDEA'S
Waghire College of Arts Commerce and Science,
Saswad, Tal-Purandar, Dist-Pune
(2020-21)

ONLINE GUEST LECTURE
(Under DBT STAR scheme)
On
'Bacteriophage Technology'
Date: 3/11/2020

Guest speaker: **Dr. Sangita ahiwale,**
HOD, Department of Microbiology
Mahatma Phule College, Pimpri
Pune.

Under DBT Star scheme, the department of Microbiology had organised a lecture series. On 3rd November 2020, a guest lecture was organized on "Bacteriophage Technology" for T. Y. B. Sc. Microbiology students at 1.00pm. The lecture was organized to make students understand the concepts of bacteriophage, its isolation, phage therapy and its application in this modern era.

We had an immense presence of an eminent personality Dr. Sangita Ahiwale, HOD, Department of Microbiology, Mahatma Phule College, Pimpri, Pune as a resource person to share her knowledge and expertise in the said topic.

She talked about the history of bacteriophage from ancient era to modern era. She discussed with students about the isolation of phages and how these viruses can infect and kill bacteria without any negative effect on human or animal cells. She explained students how in the recent years, multidrug-resistant bacteria have become a global threat, and use of phage therapy as an alternative to antibiotics or, at least, as a supplementary approach to treatment of some bacterial infections. She also thrown light on application of bacteriophage in clinical practice for the treatment of localized infections in wounds, burns, and trophic ulcers, including diabetic foot ulcers. She enlightened students by discussing Phage preparations & phage therapy approved for clinical application in many countries with its many potential applications in human medicine as well as dentistry, veterinary science, and agriculture. Lastly she urged & motivated students to come forward & work in the field of bacteriophage.

All heads and faculty of Science departments were present for a lecture. Anchoring of the program was done by Dr. Neeta Patil by welcoming the honourable guest, teachers and students. Introduction of the guest was done by Ms. Vishakha Ganvir. Mrs. Hemlata

Sonawane delivered vote of thanks.

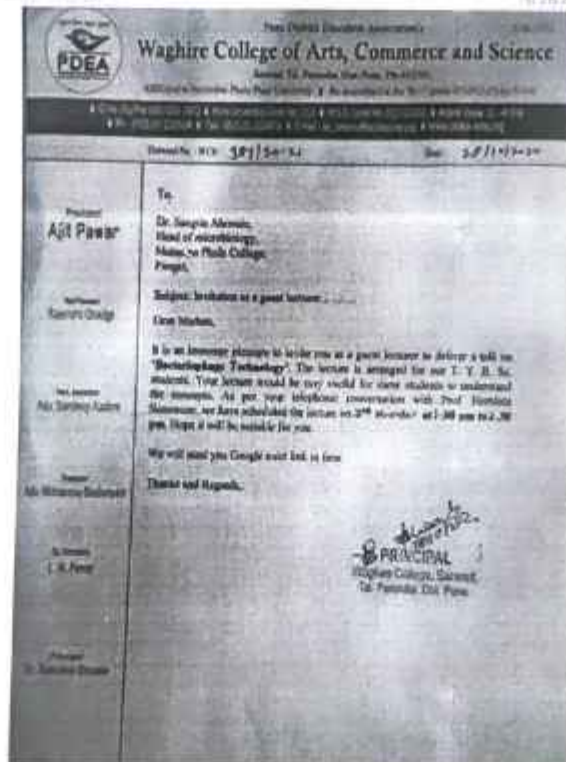
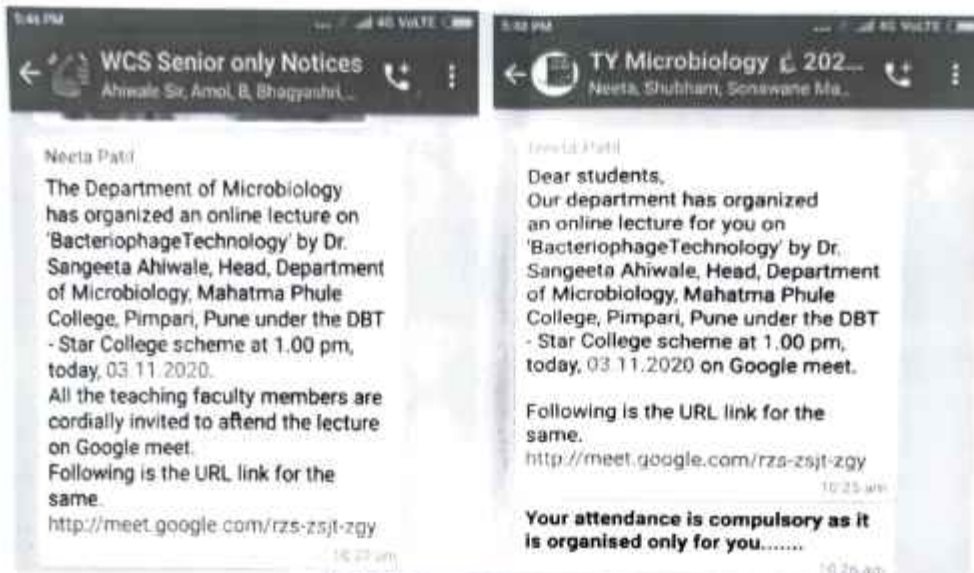

Head

Department of Microbiology
Waghire College, Saswad

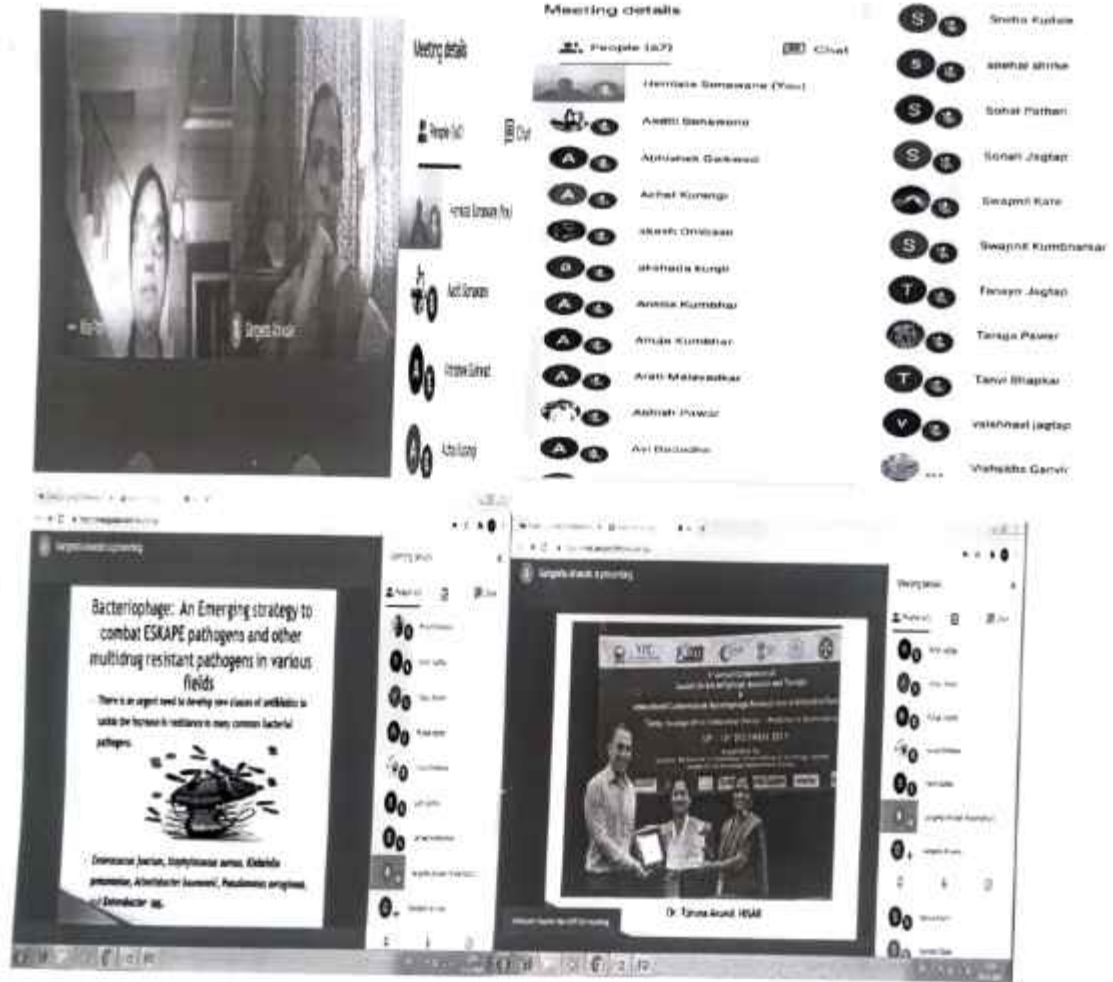

Co-Ordinator
DBT- STAR College


PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune

Notice for Students and Teachers:



Screenshots of the program and attendance



Hemeta Sonawane
Head
 Department of Microbiology
 Waghire College, Sessard

S. V. Kulkarni
Co-Ordinator
 DBT-STAR College

Uma Anand
PRINCIPAL
 Waghire College, Sessard,
 Tal. Purandar, Dist. Pune.

PDEA'S
Waghire College of Arts Commerce and Science,
Saswad, Tal-Purandar, Dist-Pune (2020-21)
ONLINE GUEST LECTURE (Under DBT STAR scheme)
On
'Sterilization and Disinfection'

Guest Speaker : Mr. Prashant Jambhale
Quality Control Microbiologist
Akriti Pharmaceuticals, Jejuri

The department of Microbiology had organised a guest lecture for F. Y. B. Sc. Microbiology students on 29th October 2020 at 1.45pm to 3.15 pm. The lecture was organised to understand the concepts of sterilization and disinfection and use of sanitizers. Mr. Prashant Jambhale, being Quality control microbiologist, shared his knowledge and experiences in this field.

He guided students regarding various methods of sterilization and how they are executed in pharmaceutical industry. He explained the importance of various chemicals as disinfectants and their use in this COVID situation. He also mentioned the methods of validation of sterilising equipments such as autoclave and showed various materials used for this purpose. He stressed on checking efficiency of various hand sanitizers and their effectiveness. He also assured students for helping out in checking efficacies of various sanitizers available in market.

All heads and teachers of Science departments were present for a lecture. Anchoring of the program was done by Mrs. Hemlata Sonawane. She welcomed the honourable guest, teachers and students, and expressed vote of thanks.


Head
Department of Microbiology
Waghire College, Saswad


Co-Ordinator
DBT- STAR College


PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune

Notice for students and staff



Guest lecture by Mr. Prashant Jambhale

When Thu Oct 29, 2020 1:45pm - 3:15pm
India Standard Time - Kolkata

Joining info Join with Google Meet
meet.google.com/fvb-tjbv-ahm

Who hemasonawane9@gmail.com
organizer

18:13 ✓

Dear students good evening.
Tomorrow we have organised a
guest lecture for you on the topic
Sterilisation and disinfection.
You all have to attend this lecture
compulsorily. Of course it's useful to
you. See you all tomorrow.

19:16 ✓



28 OCTOBER 2020

Guest lecture by Mr. Prashant Jambhale

When Thu Oct 29, 2020 1:45pm - 3:15pm
India Standard Time - Kolkata

Joining info Join with Google Meet
meet.google.com/fvb-tjbv-ahm

Who hemasonawane9@gmail.com
organizer

18:13 ✓

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19:16 ✓



28 OCTOBER 2020

Guest lecture by Mr. Prashant Jambhale

When Thu Oct 29, 2020 1:45pm - 3:15pm
India Standard Time - Kolkata





















Joining info Join with Google Meet
meet.google.com/fvb-tjbv-ahm

Who hemasonawane9@gmail.com
organizer

18:11

Attendance for the guest lecture

People (46) Chat

 Hemlata Sonawane (You)	 Meenakshi Prajapati
 Alfiya Kazi	 MRUDULA KULKARNI
 Anagha Deshpande	 Poonam Galkwad
 Anisha Shaikh	 Pragati Sutar
 Anurag Londhe	 Prasad Barkade
 Ashwini Shinde	 Prashant Jambhale
 Deepali Shah	 Pratik Vedpathak
 Dipali Pangare	 Priti Kapare
 harshada khedekar	 Ravina Thopate
 Komal Gajarmal	
 KUNAL CHAVAN	

14:20
29/10/2020


Head
Department of Microbiology
Waghire College, Saswad


Co-Ordinator
DBT- STAR College


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Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

PDEA'S
Waghire College of Arts Commerce and Science,
Saswad, Tal-Purandar, Dist-Pune
(2020-21)

ONLINE GUEST LECTURE
(Under DBT STAR scheme)
On
'Biofertilizer Production'


Guest speaker: **Mr. Ravi Gokhale, Director Production,**
Tricon Biochem Production, Gut no.1724,
Dhumewadi, Dive Gram, Tal. Purandar,
Dist Pune 412301.

The department of Microbiology had organised a guest lecture for T. Y. B. Sc. Microbiology students on 16th October 2020-11-30am to understand the concepts of bioinoculum production and their applications. The honourable guest, Mr. Ravi Gokhale, Director Production, Tricon Biochem Production, Pune shared his knowledge and experiences in the field of bio fertilizer production.

He guided students for planning and development of Bioinoculum Manufacturing Unit. He explained that how bio-fertilizers help in fixing atmospheric nitrogen, converting soil phosphate and potash into soluble forms to make them available to plants. Continuous use of bio-fertilizers makes the soil rich in essential nutrients, which promotes good yield. He shared the information that Govt. of India and different State Governments have been promoting use of Bio-fertilizers through grants, extension and subsidies on sales with varying degrees of emphasis. With time farmers are getting training and knowledge about the technology on the basis of agronomic realities of their regions. He explained in detail all steps required for the production bio fertilizer in very simple manner. He introduced all the instruments and machinery of bio fertilizer production available in his production unit.

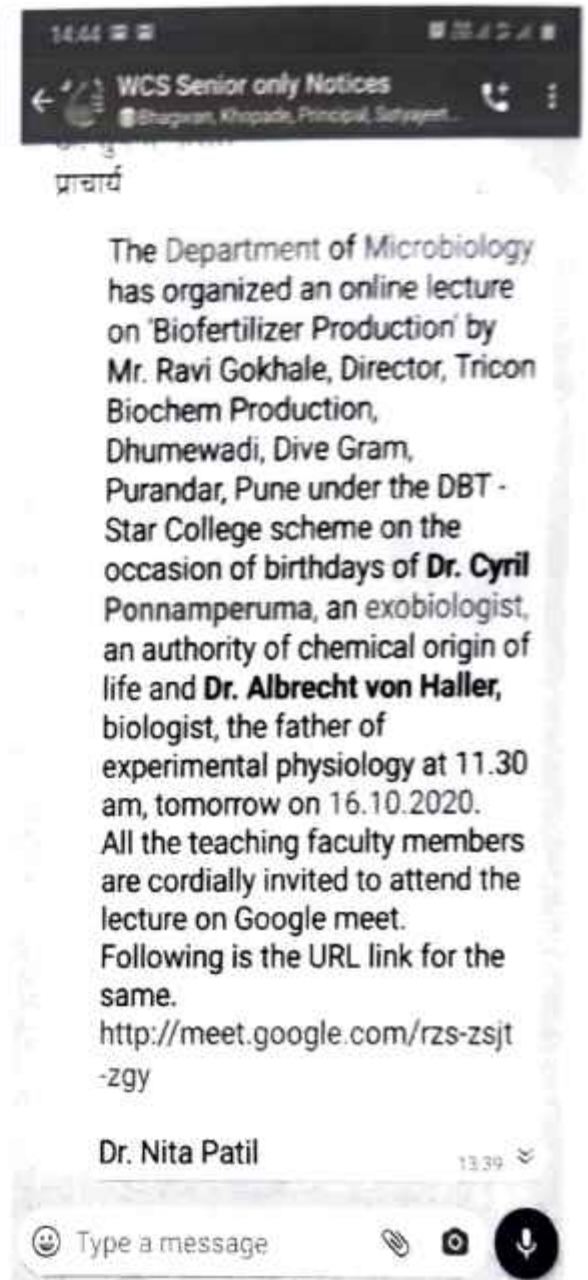
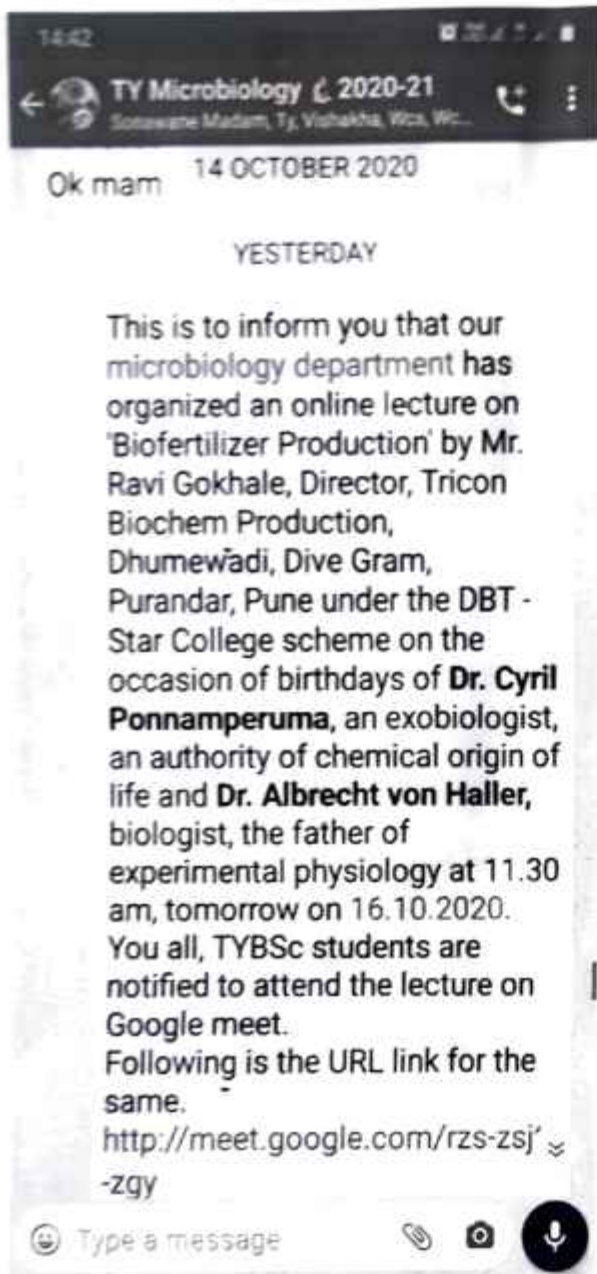
All heads and teachers of Science departments were present for a lecture. Anchoring of the program was done by Mrs. Hemlata Sonawane. She welcomed the honourable guest, teachers and students. Dr. Nita Patil gave introduction of the guest speaker. Ms. Vishakha Ganvir expressed vote of thanks.


Head
Department of Microbiology
Waghire College, Saswad


Co-Ordinator
DBT-STAR College


PRINCIPAL
Waghire College, Saswad
Tel. Purandar, Dist. Pune.

Notice for Students and Teachers:



Screenshots of the program and attendance

The screenshot shows a Google Meet interface. The main video area displays a presentation slide with the text: "PRESENTS", "FERTILIZER, BIOPESTICIDE, PLANT GROWTH PROMOTORS", and "MICRONUTRIENTS". The slide features images of various agricultural products. A man with glasses is visible in the foreground, partially overlapping the slide. The bottom of the screen shows the Google Meet control bar with icons for mute, video, chat, and other functions. On the right side, the "Meeting details" panel is open, showing a list of participants with their names and initials.

Meeting details

- People list
- Chat
- m m Megha Jagan
- M m Murali Srin
- M m Murali Lakshmi
- M m Murali Shree
- N n Nikita Pawar
- N n Nikita Shree
- N n Nikita Srinivas
- N n Nikita Jagde
- n n Nikita Pawar

H. Sarawane
Head
Department of Microbiology
Waghire College, Saswad

Ratna
Co-Ordinator
DBT- STAR College

Principals
PRINCIPAL
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

PDEA'S
Waghire College of Arts Commerce and Science, Saswad,
Tal-Purandar, Dist-Pune
(2020-21)

ONLINE GUEST LECTURE 2
(Under DBT STAR scheme)

On

'Fermentation Technology'

Date: 23/01/2021(Time: 1.00pm to 2.00pm)

Guest speaker: Mr. Vandan Ghule,
Technical Officer,
Dept. of Alcohol Technology & Biofuels,
Vasantdada Sugar Institute,
Manjari, Pune.

Under DBT Star scheme, the department of Microbiology had organised 2nd lecture series in the month of Jan 2021. On 23rd January 2021, a guest lecture was organized on "Fermentation Technology" for S.Y.B. Sc. Microbiology students at 1.00pm. The lecture was organized to make students understand the concepts of Fermentation, its types, techniques and applications. As Fermentation technology is the part of S.Y.B.Sc curriculum, we had an eminent presence of Mr. Vandan Ghule, from VSI, Manjari, Pune as a resource person to share his knowledge and expertise in the said topic.

He talked about the Concept of fermentation technology, different types of fermenters & fermentation. He explained techniques to students by presenting beautiful slides and pictures. He shared his knowledge by giving day to day life examples for making students understand the concept of continuous & batch fermentation. He explained students about primary & secondary metabolites, microbial biotransformation. He also touched characteristics, principle & methods of screening of industrially important microbial strains. He stressed on the importance, preservation & maintenance of industrially important strains. Lastly he motivated students to come forward & exploit their knowledge in the field of fermentation technology. Dr. Sushma Bhosale, Principal, Waghire College Saswad was present online throughout the lecture and she appreciated lecture delivered by the resource person. She also appreciated the efforts taken by HOD of Microbiology department Mrs. Hemlata Sonawane madam, and her team. All heads and faculty of Science departments were also present for a lecture. Welcome of the honourable guest, teachers and students was done by Mrs. Hemlata Sonawane, Introduction of the guest was done by Ms. Vishakha Ganvir and vote of thanks was delivered by Mrs. Hemlata Sonawane.


Head
Department of Microbiology
Waghire College, Saswad


Co-Ordinator
DBT- STAR College


PRINCIPAL
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Tal. Purandar, Dist. Puna.



Waghire College of Arts, Commerce and Science

Saswad, Tal. Purandar, Dist. Pune. Pin-412301.

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Outward No. : WCS / 48 / 20 - 21

Date : 18 / 1 / 2021

President
Ajit Pawar

Vice President
Gajendra Ghadge

Hon. Secretary
Adv. Sandeep Kadam

Treasurer
Adv. Mohanrao Deshmukh

Dy. Secretary
L. M. Pawar

Principal
Dr. Sushama Bhosale

To,

Mr. Vandan Ghule
Technical officer
Department of Alcohol Technology and Biofuel
HiTech Lab- I
Vasantdada Sugar Institute, Pune

Subject: Invitation as Guest lecturer under DBT Star College Scheme

Dear Sir,

It is an immense pleasure to invite you as a guest lecturer to deliver a talk on 'Fermentation technology'. This lecture is arranged for our S.Y.B.Sc. students. Your lecture would be very useful for these students to understand the concepts of fermentation. As per your telephonic conversation with Vishakha Ganvir madam we have scheduled the lecture on Saturday 23rd January 2021 at 1.00pm. Hope that will be fine with you.

We will be sending you Google meet link in time.

Thanks and Regards


PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

PDEA's
Waghire College, Saswad
Department of Microbiology

Notice

Date: 19/01/2021

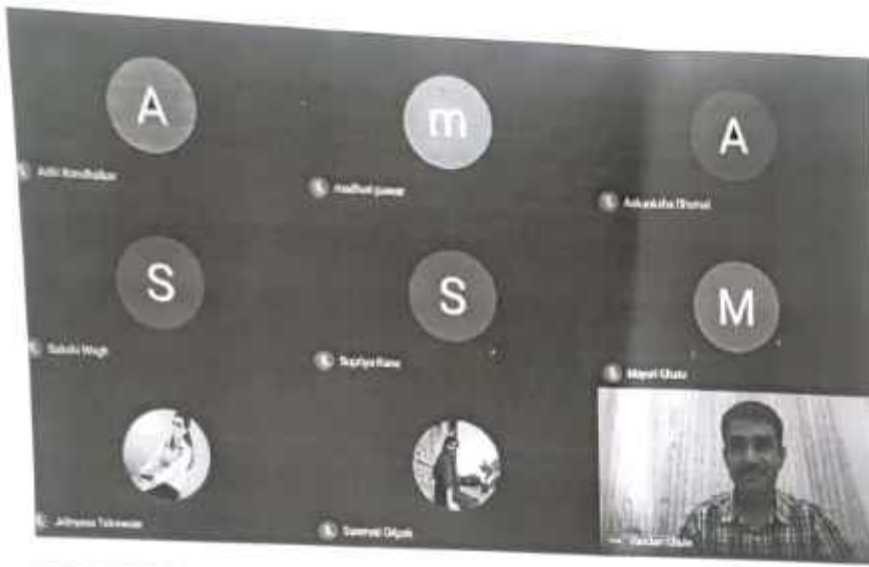
All the S.Y.B.Sc Microbiology students are hereby informed that under DBT Star College Scheme, an online lecture series is organized by the department. Under this series a guest lecture is arranged on ~~Saturday~~ **23rd January 2021** at **1.00 pm** and will be delivered by Mr. Vandan Ghule from Vasantdada Sugar Institute (VSI), Pune on topic "**Fermentation Technology**".

This lecture will be very useful to you all as it is based on your S.Y.B.Sc Microbiology curriculum.

The google link for the same will be provided to you 15 min. before the beginning of lecture.


Head

Department of Microbiology
Waghire College, Saswad



Guests hosted by Mr. Vandana Ghule

Name	Joined	Muted	Video
M Madhuri Pawar	11:15	Off	On
R Sarvesh Dajani	11:15	Off	On
P Anshu Bhusal	11:15	Off	On
Anshu Kumbhar	11:15	Off	On
S Sayyida Farah	11:15	Off	On
H Harjit Ghatu	11:15	Off	On
S Sayyida Farah	11:15	Off	On
D Dr. Sushama Bhosale	11:15	Off	On
G Ghatu	11:15	Off	On





Guests hosted by Mr. Vandana Ghule

Name	Joined	Muted	Video
S Sarvesh Dajani	11:15	Off	On
K Komal Gajarmal	11:15	Off	On
S Sayyida Farah	11:15	Off	On
A Anshu Bhusal	11:15	Off	On
H Harjit Ghatu	11:15	Off	On
S Sayyida Farah	11:15	Off	On
D Dr. Sushama Bhosale	11:15	Off	On
S Sarvesh Dajani	11:15	Off	On
S Sayyida Farah	11:15	Off	On
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S Sayyida Farah	11:15	Off	On
S Sayyida Farah	11:15	Off	On
S Sayyida Farah	11:15	Off	On

People (34)

Dhanashree Jagtap	12	✖
Divya Dhanepkar		✖
Dr. Sushama Bhosale Pri...		✖
Jitnyasa Takawale		✖
Komal Gajarmal		✖
Kunal Darekar		✖
Madhuri Pawar		✖
Mansi Sonawane		✖
Nikita Jadhav		✖
Nikita Jagtap		✖


PRINCIPAL
 Waghire College, Saswad,
 Tal. Purandar, Dist. Pune.


Head
 Department of Microbiology
 Waghire College, Saswad

Co-Ordinator
 DBT-STAR College



PDEA'S
Waghire College of Arts Commerce and Science,
Saswad, Tal-Purandar, Dist-Pune
(2020-21)

**GUEST LECTURE (THIRD LECTURE SERIES)
UNDER DBT STAR SCHEME**

Department of Microbiology

Wednesday, 10 March, 2021

Resource Person:

**Dr. Ashok Bankar, Assistant Professor,
MES Abasaheb Garware College, Pune**

REPORT

The department of Microbiology had organised a guest lecture for T. Y. B. Sc. and M.Sc. Microbiology students on 10th March 2021 at 11-00 am under DBT Star Scheme. The honourable guest, Dr. Ashok Bankar, Assistant Professor, MES Abasaheb Garware College, Pune shared his knowledge and research experiences in the field of Nanotechnology. Total **Sixty-one students attended the lecture.**

The speaker elaborated on various aspects, starting with fundamental concepts of nanotechnology. He explained the projected ability of this technology to construct items from the bottom up, using techniques and tools being developed today to make complete, high performance products. It is now possible to prepare small molecules to almost any structure. He shared his research experience in synthesis of bio-inspired silver nanoparticles with the aid of a novel, non-toxic, eco-friendly biological material namely, banana peel extract (BPE).


Head
Department of Microbiology
Waghire College, Saswad


Co-Ordinator
DBT- STAR College


PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

NOTICE

16:16

TY Microbiology 2020-21
Sonawane Madam, Ty, Vishakha, Xosru, +9...

Sonawane Madam

All T.Y.B.Sc Microbiology Students are hereby informed that our department has organised the third online lecture on "Synthesis of Bioinspired Nanomaterials and Its Applications" under DBT Star Scheme on Wednesday, 10th March 2021 at 11.00 am. Your attendance is mandatory.

Synthesis of nanoparticles, is one of the practical in your curriculum. Through this lecture you will definitely be benefitted.

So students Don't Miss this Opportunity.

Link will be provided on respective days prior to lecture.

16:16

+91 88302 81918 joined using this group's invite link

Type a message

16:15

WCS DBT STAR
Bhagwan, Principal, Sonawane Madam,...

11.00am

All faculty members are hereby informed that our department has organised the third online lecture on "Synthesis of Bioinspired Nanomaterials and Its Applications" under DBT Star Scheme on Wednesday, 10th March 2021 at 11.00 am.

Link will be provided on respective days prior to lecture.

16:22

2 UNREAD MESSAGES

TODAY

Sonawane Madam
Forwarded
<http://meet.google.com/rzs-zsjt-zgy>

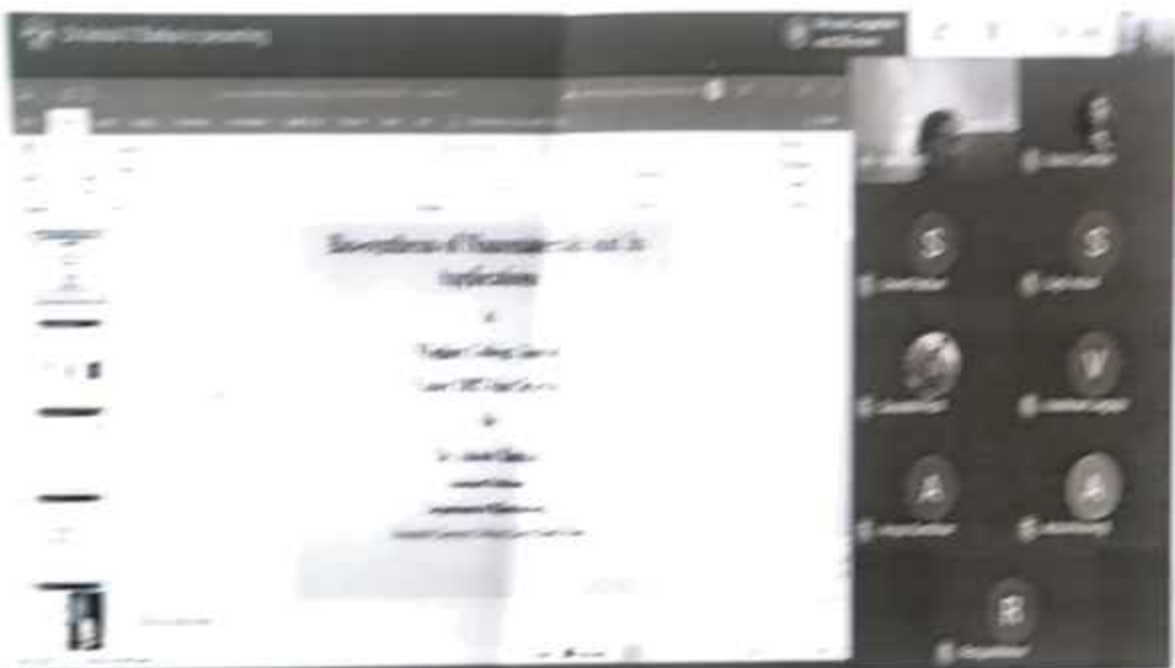
Link for today's lecture

16:26

Wcs VidyaPatankar
Interactive board training is

Type a message

Presentations during the Webinar



Thank
you



[Signature]
Coordinator of International
Education, Taylor College

[Signature]
Co-Ordinator
DEI - Saint Mary's College

[Signature]
PRINCIPAL
Maguire College, Belmont,
Tel: 781.862.1234

PDEA'S
Waghire College of Arts Commerce and Science,
Saswad, Tal-Purandar, Dist-Pune (2020-21)
ONLINE GUEST LECTURE Series 2
(Under DBT STAR Scheme)

Topic

'Fungal Realm in Biotechnology'

Date; 22nd Jan 2021 (time 11.00am to 12.30pm)

Guest Speaker : Dr. M. V. Deshpande

Director,

Greenvention Biotech Pvt. Ltd

Pune

The department of Microbiology had organised a guest lecture for T. Y. B. Sc. Microbiology students on 22nd Jan 2021 at 11.00 am to 12.30 pm. The lecture was organised to understand the Role of Fungi in Biotechnology. Dr. M. V. Deshpande, being Microbiologist and Researcher, shared his knowledge and experiences in this field.

Through his excellent presentation he showed various uses of Fungi in agriculture as well as other fields. In his lecture he explained the role of fungi as mosquito parasite control, preparation of nanoparticles from fungal growth, lipases from fungi are used in dairy and food industry, antimicrobial substances produced by fungi and their usefulness against various pathogens and pests, fungi are useful in controlling metal pollution and recovery of precious metals using *Yarrowia lipolytica*, process of developing fungal paper(chitin based) which is free from chemicals, dyeing of wool with fungi, Myco diesel production and further generation of electricity. Sir was very much keen on helping students for their project activity in future.

All heads and teachers of Science departments were present for a lecture. Anchoring of the program was done by Mrs. Hemlata Sonawane. She welcomed the honourable guest, teachers and students, Ms. Vishakha Ganvir introduced guests to all and Mrs. H. V. Sonawane expressed vote of thanks.


Head
Department of Microbiology
Waghire College, Saswad


Co-Ordinator
DBT STAR College


PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.



Pune District Education Association's

Since 1972

Waghire College of Arts, Commerce and Science

Saswad, Tal. Purandar, Dist. Pune, Pin-412301.

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ID No. PU/PN/ASC/033-1972 | Pune University Code No. 112 | H.S.C. Code No. J11-12-002 | AISHE Code - C - 41716

Ph.: (02115) 222524 | Fax: (02115) 222472 | E-mail: wc_saswad@pdeapune.org | www.pdea-wcs.org

Outward No.: WCS/ 47/20-21

Date: 18/1/2021

President
Ajit Pawar

Vice President
Ajendra Ghadge

Hon. Secretary
Adv. Sandeep Kadam

Treasurer
Adv. Mohanrao Deshmukh

Dy. Secretary
L. M. Pawar

Principal
Dr. Sushama Bhosale

To,

Dr. M.V.Deshpande
Director,
Greenvention Biotech Pvt. Ltd.
Pune

Subject: Invitation as Guest lecturer under DBT Star College Scheme

Dear Sir,

It is an immense pleasure to invite you as a guest lecturer to deliver a talk on, '**Fungal Kingdom in Biotechnology**'. This lecture is arranged for our T.Y.B.Sc.students. Your lecture would be very useful for these students to understand the importance of Fungi in biotechnology. As per your telephonic conversation with Ms. H. V. Sonawane madam we have scheduled the lecture on Friday 22nd January 2021 at 11.00am. Hope that will be fine with you.

We will be sending you Google meet link in time.

Thanks and Regards


PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

PDEA's
Waghire College, Saswad
Department of Microbiology

Notice

Date: 20/01/2021

All the T.Y.B.Sc Microbiology students are hereby informed that under DBT Star College Scheme, an online lecture series is organized by the department. Under this series a guest lecture is arranged on Friday **22nd January 2021 at 11.00 am** and will be delivered by Dr. M. V. Deshpande from Greenvention Biotech Pvt.Ltd., Pune on topic **"Fungal Kingdom in biotechnology"**.

This lecture will be very useful to you all as it is based on your T.Y.B.Sc Microbiology curriculum and it will help you to understand role of fungi in biotechnology.

The google link for the same will be provided to you 15 min. before the beginning of lecture.


Head

Department of Microbiology
Waghire College, Saswad



- People (55) 29 Ch
- A Ashitosh Kudale
 - Dr Sushama Bhosale Pri...
 - G Geetanjali Khomane
 - J Jyoti Singh
 - k kalyani hingane
 - K Komal Gajarmal
 - M Manisha bhuiwad
 - M Mukund Deshpande
 - M Mukund Deshpande Presentation
 - Neha Pawar

M Mukund Deshpande is presenting

Guest lecture by Dr. M. V. Deshpande

H. Karawane
Head
 Department of Microbiology
 Waghire College, Saswad

N. D. D.
Co-Ordinator
 DBT- STAR College

H. Karawane
PRINCIPAL
 Waghire College, Saswad,
 Tal. Purandar, Dist. Pune.



P.D.E.A'S
Waghire College of Arts Commerce and Science, Saswad
Tal-Purandar, Dist-Pune
Department of Chemistry

Online Guest Lecture-II
On

"GRAVIMETRIC ANALYSIS"

Under

DBT Star College Scheme (2020-21)

Guest speaker: **Dr. K.M. Gadhawe** (Associate Professor, Department of Chemistry,
Ramakrishna More College, Akurdi, Pune).


It is with great pride and pleasure that we announce that our college has received strengthening grant under DBT STAR scheme. This Guest Lecture was organized by Department of chemistry under DBT STAR scheme of the college during academic year 2020-21" on 08th January 2021, at 10.00 - 11.00 AM on "Gravimetric Analysis".

In this lecture student learns what is analysis, what are the different types of chemical analysis and Gravimetric analysis in details. Gravimetric analysis that is one of the best quantitative method of chemical analysis in the field of chemical sciences. During this Lecture our resource person Dr. K.M. Gadhawe Sir has given very informative and interactive lecture in detail on Gravimetric Analysis. Sir has covered various aspects of gravimetric analysis such as


- Steps involved in gravimetric analysis
- Common ion effect
- Solubility and solubility products
- Completion of precipitation
- Formation of complex ion
- Factors affecting on solubility of precipitation
- Super-saturation and precipitate formation
- Purity of the precipitate
- Conditions for good precipitation.


For this online Guest Lecture 21 UG student were presents. All heads of concern departments and staff were present during this lecture. Many students and teachers have been



asked questions to Dr. K.M. Gadhave Sir and they have cleared their doubt. He guided well for the same. Anchoring and introduction of the Guest done by Dr. M.M. Jagtap. Lastly vote of thanks is given by Dr. Sandip Rathod.

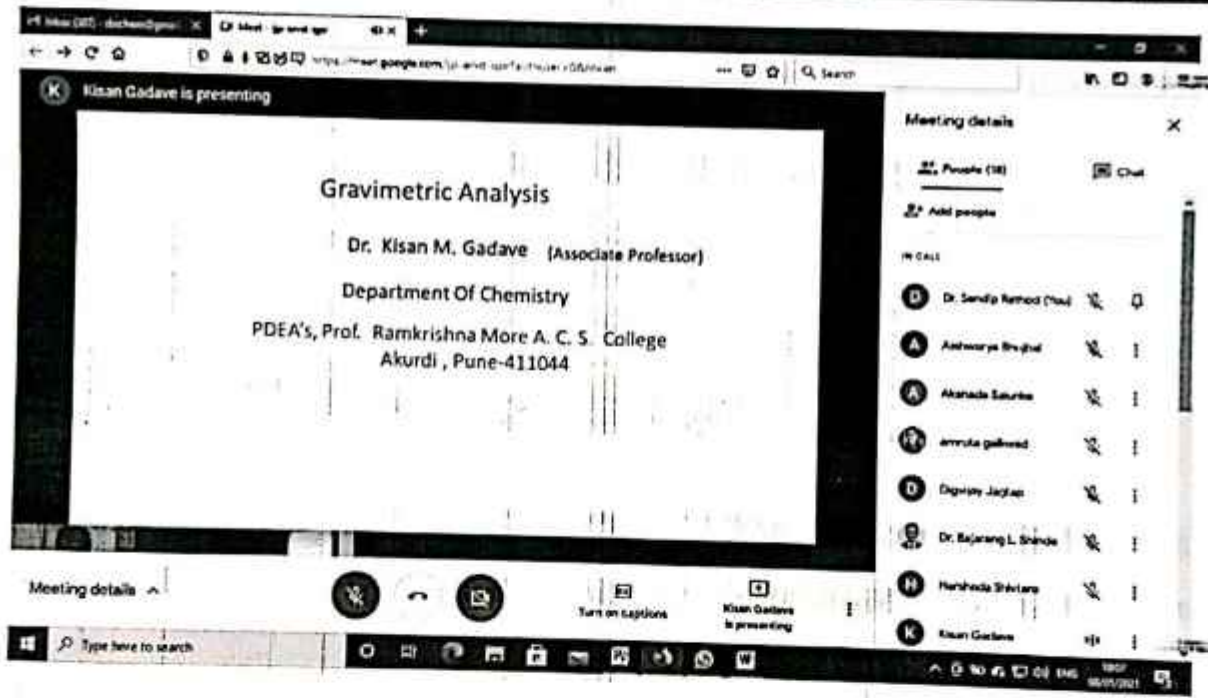
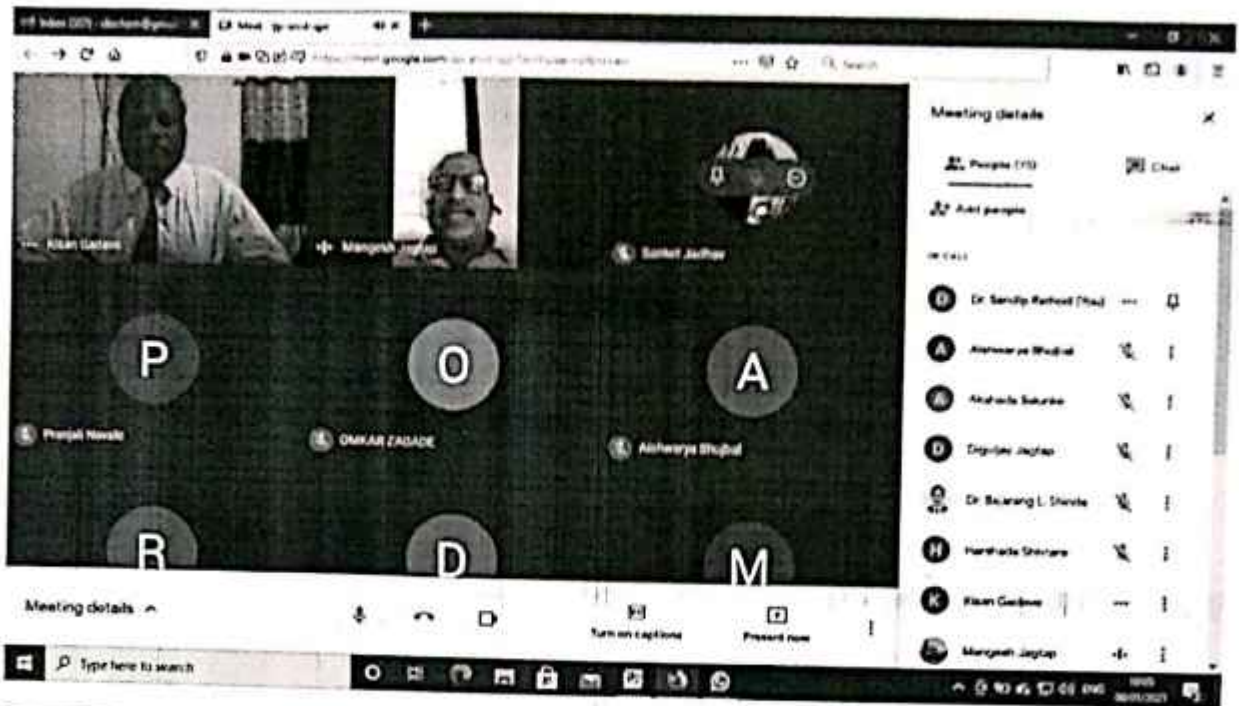

Dr. Rathod S.B.
Activity Co-ordinator


Dr. Vidya Patankar
DBT-STAR Co-ordinator
DBT- STAR College


Dr. Mangesh Jagtap
Head, Department of Chemistry
HEAD
Department of Chemistry
Waghire College, Saswad,
Dist. Pune.


Dr. Sushama Bhosale
Principal
PRINCIPAL
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.


Pune District Education Association's
Waghire College of Arts, Commerce and Science, Saswad
Tal: Purandar, Dist: Pune- 412 301
DBT-STAR College Scheme - (2020-2021)
Guest Lecture - II (08th JAN-2021)
On
"GRAVIMETRIC ANALYSIS"
Guest of Honor
Dr. K.M. Gadhave
Associate Professor
Ramakrishna More College, Akurdi, Pune.
Organized By
DEPARTMENT OF CHEMISTRY
Prof. Sunil Dhorge
Head & Vice Principal

Dr. Sushama Bhosale
Principal



Kisan Gadave is presenting

Recap-

- Definitions of-
- 1. Gravimetric Analysis
- 2. Qualitative and quantitative Analysis
- 3. Strong and weak electrolyte
- 4. Degree of dissociation
- 5. Solubility
- 6. Common ion effect
- 7. Complex ion formation

Meeting details

People (19) Chat

Add people

IN CALL

- Dr. Sanjay Rathod (You)
- Ashwarya Bhujal
- Alonada Sakshita
- anvita galwadi
- Diprity Jagtap
- Dr. Bijayang L. Shinde
- Harshada Shivare
- Kisan Gadave

Type here to search

Kisan Gadave is presenting

Chunk 1: Steps involved in the Gravimetric Analysis:-

- A) Preparation of sample solution and dilution
- B) Precipitation
- C) Digestion
- D) Filtration
- E) Washing of The Precipitate
- F) Drying of the Precipitate
- G) Incineration or Ignition of the Precipitate
- H) Weighing of the precipitate and Calculations

Meeting details

People (19) Chat

Add people

IN CALL

- Dr. Sanjay Rathod (You)
- Ashwarya Bhujal
- Alonada Sakshita
- anvita galwadi
- Diprity Jagtap
- Dr. Bijayang L. Shinde
- Harshada Shivare
- Kisan Gadave

Type here to search

Kiran Godave is presenting

The comparison of Ionic Product and Solubility Product

$I.P. = K_{sp}$
The solution is saturated and no precipitation takes place

$I.P. < K_{sp}$
The solution is unsaturated and no precipitation takes place

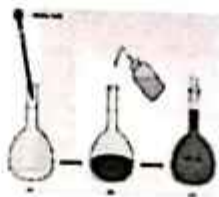
Meeting details

People (10)	Chat
Pratik Kumar	1
Dr. Ramesh L. Shinde	1
Neharika Shrivastava	1
Kiran Godave	1
Kiran Godave	1
Kiran Godave	1
Mangesh Jadhav	1
Chinmay Chavhan	1
Chinmay Chavhan	1
Pratik Kumar	1

Type here to search

Kiran Godave is presenting

A. Preparation of sample solution and Dilution :-
sample solution first diluted to known volume



B. Precipitation: -
Known volume of diluted solution taken in a beaker and slowly add drop by drop precipitating reagent till complete precipitation.

Meeting details

People (10)	Chat
Dr. Sanjay Kumar (Host)	0
Anshuman Shukla	1
Anshuman Shukla	1
Anshuman Shukla	1
Shreyashree Chavhan	1
Diprity Jadhav	1
Dr. Ramesh L. Shinde	1
Neharika Shrivastava	1

Type here to search

Kisan Gadave is presenting

4. Factors Affecting on solubility of Precipitation :-

1. Effect of Acids on the Solubility of Precipitate:-

$$MA \rightleftharpoons M^+ + A^-$$

Salt of Weak acid

$$i.e. CaC_2O_4 \rightleftharpoons Ca^{2+} + C_2O_4^{2-}$$

HCl is added to it, H^+ ions of HCl will combine with A^- will be removed more and more from MA to form almost undissociated HA (i.e. say $H_2C_2O_4$)

$$H^+ + A^- \rightleftharpoons HA$$

Acidity increases solubility increases

Meeting details

People (17)

Add people

In Call

- Dr. Sandip Rathod (You)
- Anshwarya Bhargal
- Akshata Saurke
- amruta gahwal
- Anvita Borkar
- Rhagshree Charnad
- Digvijay Jagtap
- Dr. Rajwarg L. Shinde

Type here to search

Kisan Gadave is presenting

The choice of washing solvent :-

1. Solution Which prevent the precipitate from becoming colloidal and passing through the filter paper
2. Solutions which reduce the solubility of the precipitate
3. Solutions which prevent the hydrolysis of salts of weak acids and bases:-

Meeting details

People (20)

Chat

- Mangesh Jagtap
- Megha Chavare
- OMKAR ZAGADE
- pranavulkarni
- Preraj Navale
- Pratik Marothre
- Raghu Rama Thombare
- Rutuja Yadav
- Sanket Jadhav
- Sunil Chorge

Type here to search

Kiran Gadave is presenting

G. Ignition of Precipitate: -



$$\% \text{ of analyte} = \frac{\text{wt. of precipitate} \times \text{gravimetric factor}}{\text{weight of sample}} \times 100$$

Meeting details

People (10)	Chat
To: Kiran G. Gadave	✓
Hemanta Mishra	✓
Kiran Gadave	✓
Kiran Gadave (Presenting)	✓
Mangesh Jagtap	✓
Megha Chavre	✓
Pranav Kulkarni	✓
Pranjal Navale	✓
Rutuja Yadav	✓
Sarbat Jadhav	✓

Dr. Rathod S.B. (M)

Dr. Vidya Patankar (D)

Dr. Sushama Bhosale (A)

S.B.
 Dr. Rathod S.B.
 Activity Co-ordinator

Vidya
 Dr. Vidya Patankar
 Co-ordinator
 DBT- STAR College

M. Jagtap
 Dr. Mangesh Jagtap
 Head, Department of Chemistry
HEAD
 Department of Chemistry
 Waghire College, Saswad
 Dist. Pune.

Sushama Bhosale
 Dr. Sushama Bhosale
 Principal
PRINCIPAL
 Waghire College, Saswad,
 Tal. Purandar, Dist. Pune.

PDEA'S
Waghire College of Arts Commerce and Science, Saswad,
Tal-Purandar, Dist-Pune
(2020-21)

3rd ONLINE GUEST LECTURE SERIES
(Under DBT STAR College Award Scheme)
On

'Career Opportunities after B. Sc'

Date: 08/03/2021 and

"Strategies to Crack competitive Examinations after B. Sc and M. Sc"

Date: 09/03/2021

Time: 11.00 am- 1.00 pm

Guest speaker: Mr. Vishal Bhujbal,
Assistant professor,
Institute of Advanced Studies (IFAS)
Jodhpur.

Under DBT Star College Award Scheme, the department of Microbiology had organised third lecture series. Under this lecture series on 8th March 2021, a guest lecture was organized on "Career Opportunities after B.Sc"& "Strategies to Crack competitive Examinations after B.Sc" on 8th and 9th March 2021 respectively for T.Y.B. Sc and S.Y.B. Sc students.

The lecture were delivered by one of our pride, an alumni of college **Mr. Vishal Bhujbal**. He guided students by providing the following list of M. Sc entrance examinations with their probable dates of commencement and closing of examination forms:

MSc- SPPU and Shivaji University examinations, IIT-JAM examinations, TIFR examinations, JNU examinations, BHU examinations, GAT-B examinations and Delhi University examinations. He not only provided information about the curriculum but also guided students to how to prepare for these examinations. His lecture was more than

interactive session where he put few tricky brain storming sample questions in front of students and asked them to solve.

Under topic "**Strategies to Crack competitive Examinations after B.Sc and M.Sc**" on 9th March he focussed more on other competitive examinations like CSIR NET/ JRF NET, GATE, MH-SET, BET Exam, DBT-JRF, BARC Exam, ICMR-JRF etc. He discussed with students the master strategies for success like students should focus on their strong points, should prepare short notes, should revise important topics, should give mock test and should solve previous year question papers to crack such examinations. He also provided students list of reference books and many tricks to solve brain storming questions. He assured students to co-operate and to guide whenever they need by providing his email id and contact no.

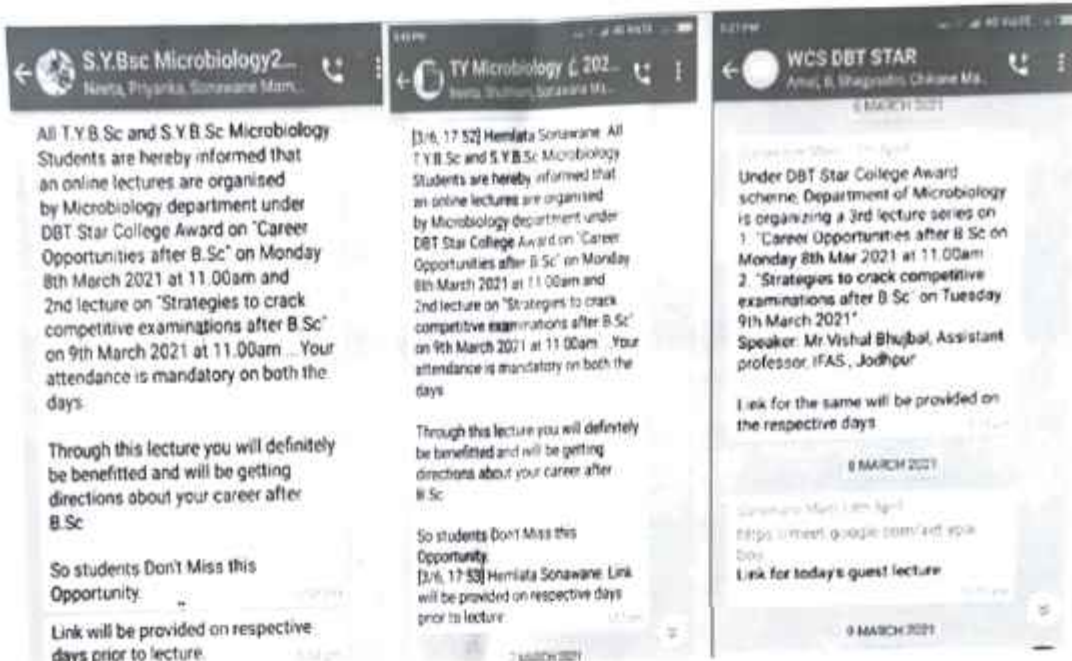
Both the lectures of Vishal Bhujbal sir were strongly connected to students and they appreciated this by showing their huge participation.

Both the lectures were started on time. Mrs. Hemlata Sonawane, HOD of Microbiology Department welcomed resource person, Principal, all heads, faculty of Science departments and student participants. Dr. Sushma Bhosale, Principal, Waghire College, Saswad has shown her an immense presence online. She appreciated the presence of Vishal Bhujbal as one of the proud college alumni as a resource person. She once again welcomed guest speaker and motivated students through her Principal speech. Introduction of the guest and vote of thanks was delivered by Ms. Vishakha N. Ganvir.


Head
Department of Microbiology
Waghire College, Saswad


Co-Ordinator
SRT-EMW 2019-20


PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.



“Career Opportunities after B.Sc” by Mr. Vishal Bhujbal

On 9th Mar 2021 at 11.00am-1.00pm

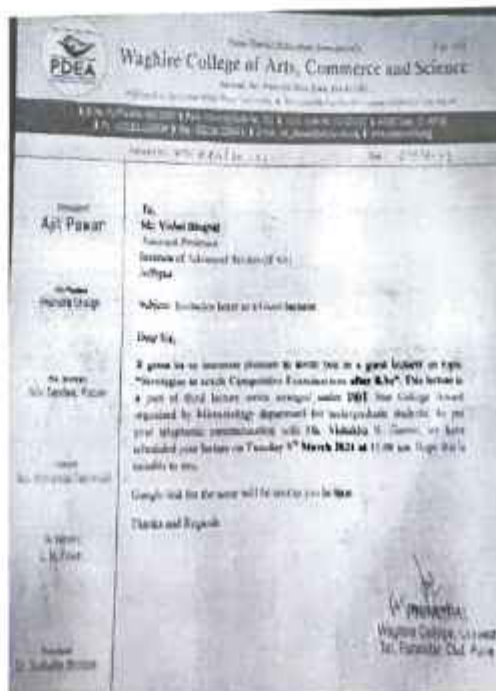
Mon, Mar 8, 2021 10:45 AM - 12:45 PM

Joining info <https://meet.google.com/xet-ypai-bou>

“Strategies to Crack Competitive Examination after B.Sc” by Mr. Vishal Bhujbal

On Tue, Mar 9, 2021 10:45 AM - 12:45 PM

Joining info <https://meet.google.com/seh-ewrz-zch>





Post Graduate Education Society (P.G.E.S.)

Waghire College of Arts, Commerce and Science
Saswad, Tal. Purandar, Dist. Pune

Phone: 020-2222222 & Fax: 020-2222222 | Email: waghirecollege@rediffmail.com

Received on: 01/02/2023

To: Mr. Ajit Pawar
Assistant Professor
Institute of Advanced Studies (IAS)
Indore

Subject: Letter of Appreciation.

Dear Sir,

We, the Department of Microbiology, Waghire College Saswad would like to thank you for being the part of lecture series arranged under DBT Star College award. Your title as "Career opportunities after B.Sc" & Strategies to crack Competitive Examinations after B.Sc" were one of the best talks of this lecture series. We are honored to have you chosen as our guest lecturer.

The knowledge you have shared will definitely help our students in their future career development.

We are grateful for the precious time you shared with us. We look forward for your cooperation in future.

Thank you once again.

Principal
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

H. Karawane
Head
Department of Microbiology
Waghire College, Saswad

V. D. J.
Co-Ordinator
DBT- STAR College

[Signature]
PRINCIPAL
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.



P.D.E.A'S

**Waghire College of Arts Commerce and Science, Saswad
Tal-Purandar, Dist-Pune
Department of Chemistry**

**Online Guest Lecture series-II
Under**

DBT Star College Scheme (2020-21)

8th February 2021 to 13th February 2021

By

- Guest speaker:**
- 1) Dr. Satyanarayana Sirasani** (Former Vice- Chancellor, Osmania University, Hyderabad.). (8th February 2021)
 - 2) Dr. Rohan Kunkalekar** (Assistant Professor, University of Goa) (10th February 2021)
 - 3) Dr. Yusufi Mujahid Anwar** (Associate Professor, Abeda Inamdar Senior college, Pune) (11th February 2021)
 - 4) Dr. Vandan Ghule** (Technical Officer, VSI Pune) (13th February 2021)

It is with great pride and pleasure that we announce that our college has received strengthening grant under DBT STAR scheme. This Guest Lecture was organized by Department of chemistry under DBT STAR scheme of the college during academic year 2020-21" From 08th February 2021 to 13th February 2021 at 11.00 - 12.00 noon on

The First online guest lecture was delivered by Dr. Satyanarayana Sirasani , Former Vice-Chancellor, Osmania University, Hyderabad on 8th February 2021 at 11:00 am to 12:00 noon. In this lecture student learns General Introduction to Spectroscopy, Types of Spectroscopic techniques available for structure elucidation of chemical compounds, Electromagnetic Radiation and their specific ranges, in a particular region of spectroscopic techniques which type of changes associated with the molecules, intensity of spectral lines including Transition probability, Path length of sample, Population of energy states. After this basic introduction

the UV-Visible Spectroscopy, FT-IR Spectroscopy and NMR spectroscopy discussed in details. Students learn lot of information regarding the spectroscopic techniques From UV visible spectroscopy students are able to find out λ_{\max} at a particular wavelength. Students learns the vibrational – rotational spectra of Chemical Compounds, How to identify the functional group present in the compound with the help of FT-IR spectroscopy. The students understands, basic principles of NMR spectroscopy, and its importance in understanding of chemical environments of carbon containing Hydrogen. For this online guest lecture 50 students were presents and actively participated in lecture. The Dr. M.M. Jagtap head of department of chemistry, introduce the resource person and lastly vote of thanks is presented by Dr. S.B. Rathod

The second lecture was delivered by Dr. Rohan Kunkalekar, From Department of Chemistry, University of Goa on "Solid state Chemistry" on the 10th February 2021. In this lecture various aspects of Solid State chemistry were covered and students learns about difference between Crystalline Solid, Amorphous solid, Properties of crystals, Crystal systems, Crystal Lattice and unit cell, simple cubic crystal lattice and total no. of atoms per unit cell, Body centered lattice and total number of atoms per unit cell, Face centered lattice and calculation of total number of atoms per unit cell. Details of calculation of radius ratio of cation and anions for this guest lecture near about 64 students are present. The Prof. N.R. Kamble introduces the resource person and lastly vote of thanks is presented by Dr. S.B. Rathod.

The third online guest lecture was delivered by Dr. Yusufi Mujahid Anwar, from department of chemistry, Abeda Inamdar Senior, College, Pune on the topic "Career Opportunities in Chemical Sciences on 11th February 2021 at 11:00 am to 12:00 noon. In this lecture students are aware about various carrier opportunities and scope is available in the field of chemical sciences such as Chemical industries, pharmaceutical industries, Research opportunities, Education Fields, etc. in addition to that students are motivated and guided for various M.Sc. Courses in different fields of chemistry Physical Chemistry, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Industrial Chemistry, Nuclear Chemistry, Polymer chemistry and so many. For this lecture 100 students are presents and asked the questions to resource persons and cleared their quires. Also, students were aware about NET, SET, and Ph.D and M.Phil programmes are available after completion of Master degree in chemistry. The Dr. B.L. shinde introduces the resource person and lastly vote of thanks is presented by Prof. N.R. Kamble.

The fourth online guest lecture was delivered by Dr. Vandan Ghule, Technical Officer, From VSI, Pune on the topic "Fermentation Technology" on 13th February 2021 at 11:00 am to 12:00 noon. In his talk students learns lot of things related to fermentation technology. In this lecture various aspects are covered starting with Chemical changes associated with various processes, Application of Chemistry, Bio-fules, Classification of Biomolecules, Bioplastics synthesis, Concept of Green Chemistry, Biochemistry, Fermentation Technology, benefits of fermented foods, Beverage productions and role of chemistry and microbiology, wine making technology, role of chemistry in identification of tests etc. In addition to that, students are motivated and aware about the carrier opportunities available in the field of Fermentation technology and alcohol technology. Students learn about the bio-fules a hot and alternative

topic of recent trends. For this lecture near about 100 students are presents. All heads of concern departments and staff were present during this lecture. Many students and teachers have been asked questions to Dr. Vandan Ghule Sir and they have cleared their doubt. He guided well for the same. Anchoring and introduction of the Guest done by Dr. M.M. Jagtap. Lastly vote of thanks is given by Dr. Sandip Rathod.

Dr. S.B. Rathod
Dr. S.B. Rathod
Activity Co-ordinator

[Signature]
Dr. M.M. Jagtap
Head
HEAD
Department of Chemistry
Department of Chemistry
Waghire College, Saswad,
Dist. Pune.

[Signature]
Dr. V.V. Patankar
Co-ordinator
DBT- STAR College

[Signature]
Dr. Sushama Bhosale
Principal
PRINCIPAL
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.



Dr. Vandan Ghule, Technical Officer, VSI Pune.



Yusufi Mujahid is presenting

Important Attributes for Job

- Good Academic Record
- High Ethical Standards
- Knowledge and Skills
- Soft Skills (Communication and Computer)
- Hard Work and Dedication
- Team Player
- Positive Attitude
- Anger Management

Meeting details

People (14)

Add people

IN CALL

- Dr. Bajrang L. Shi... (you)
- Ashwarya Dhruval
- Akash sawant
- akshata jadhav

Turn on captions

Yusufi Mujahid is presenting

attendance 02-11... | attendance 02-11... | lghdeazyn 02-11... | lghdeazyn 02-11... | attendance 02-11... | Show all

Yusufi Mujahid is presenting

IndianOil

Latest Job Openings

- **Marketing Executive (Retail/Wholesale)** (Various Locations)
- **Marketing Executive (Retail/Wholesale)** (Various Locations)
- **Marketing Executive (Retail/Wholesale)** (Various Locations)
- **Marketing Executive (Retail/Wholesale)** (Various Locations)
- **Marketing Executive (Retail/Wholesale)** (Various Locations)
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- **Marketing Executive (Retail/Wholesale)** (Various Locations)
- **Marketing Executive (Retail/Wholesale)** (Various Locations)
- **Marketing Executive (Retail/Wholesale)** (Various Locations)

Meeting details

People (15)

Add people

IN CALL

- Dr. Bajrang L. Shi... (you)
- Ashwarya Dhruval
- Akash sawant
- akshata jadhav

Turn on captions

Yusufi Mujahid is presenting

attendance 02-11... | lghdeazyn 02-11... | lghdeazyn 02-11... | attendance 02-11... | attendance 02-11... | Show all

Meeting details

Dr. Rohan Kulkalekar Dept of Chemistry is presenting

People (47)

Chat

Add people

IN CALL

- Dr. Sandip Rathod (You)
- Anshwara Bhujpal
- Ajay Ashang
- Ajay Jadhav
- Ajit Hingwane
- Alakh Chawars

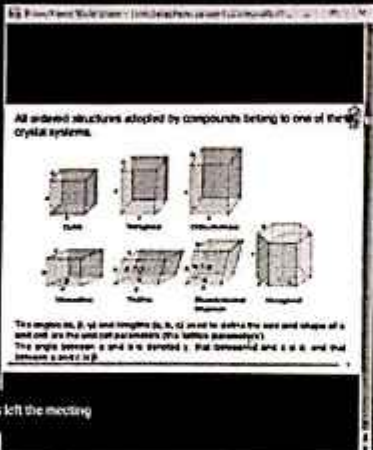
Meeting details

Turn on captions

Dr. Rohan Kulkalekar Dept of... is presenting

11:18 15/12/2021

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Meeting details

Dr. Rohan Kulkalekar Dept of Chemistry is presenting

People (47)

Chat

Add people

IN CALL

- Dr. Dejanig L. Shinde
- Dr. Rohan Kulkalekar D...
- Dr. Rohan Kulkalekar D... Presentation
- Ghodge Kamal
- Komal Subhakar
- Lasman Sawant
- Mangesh Juyap
- Nona Kumar

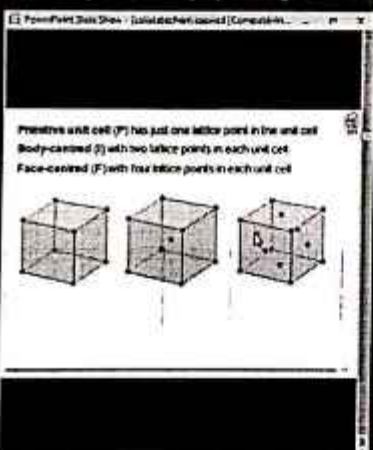
Meeting details

Turn on captions

Dr. Rohan Kulkalekar Dept of... is presenting

11:39 15/12/2021

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Meeting ID: 919 888 8888

vidya Patankar is presenting

Electronic Energy Levels

The energy sequence order for electrons for different transitions is as follows:
 $\alpha < \beta < \gamma < \delta < \epsilon < \zeta < \eta < \theta$
 α transition requires lowest energy while θ requires highest amount of energy.

Meeting details

People (14)

President: Chandra

Prof. Shrawan Satyanarayana

Prof. Shrawan Satyanarayana

Prof. Shrawan Satyanarayana

Prof. Shrawan Satyanarayana

Rohan Druml

Rohan Druml

Rohit Gadekar

Rohit Gadekar

Prof. Shrawan Satyanarayana

Turn on captions

vidya Patankar is presenting

Type here to search

Dr. Rohan Kunkalekar, University of Goa

Meeting ID: 919 888 8888

Dr. Rohan Kunkalekar Dept of Chemistry is presenting

Structures of solids

Arrangement of atoms or ions in simple solid structures represent by hard spheres.

Metallic solids represent neutral atoms because each cation is still surrounded by its full complement of electrons.

Spheres used to describe ionic solids represent the cations and anions because there has been a substantial transfer of electrons from one type of atom to the other.

Crystal regarded as constructed from regularly repeating structural elements, atoms, molecules, or ions.

Meeting details

People (49)

Add people

IN CALL

Dr. Sandip Ramesh Thakur

abc Kamble

Aishwarya Dholal

Ajay Jadhav

Ajit Hegavane

Ashweta Salunke

You

Dr. Rohan Kunkalekar De...

umesh pawar

abc Kamble

Turn on captions

Dr. Rohan Kunkalekar Dept of... is presenting

Type here to search

Yusuf Mujahid is presenting

Research Benefits

- Job at a higher level in various chemical and pharmaceutical industries.
- Start the career as a Scientist in various research institutes like IISER, NCL, NIV etc.
- Join as a teacher in various colleges and universities to teach undergraduate and post graduate classes.

Meeting details

People (10)

- Yusuf Mujahid
- Pragati Butar
- Mangesh Jagtap
- Yusuf Mujahid
- Vishal Chavhan
- Yusuf Mujahid
- Yusuf Mujahid
- Yusuf Mujahid
- Yusuf Mujahid
- Yusuf Mujahid

Meeting details

Turn on captions

Yusuf Mujahid is presenting

Yusuf Mujahid is presenting

- Junior College XI and XII Class
- M.Sc. (B.Ed.)
- B.Ed. Entrance Examination (<http://cetcell.mahacet.org/>)
- There are 150 Junior Colleges (Aided and Unaided) in Pune offering XI and XII Science.

Meeting details

People (10)

Add people

MEET

- Dr. Bhaeraj L. S.N. Poud
- Arshad Jachar
- Amit Chacher
- Amit Dongar
- Yusuf Mujahid
- Hina Maner
- Majid Jadhav

Meeting details

Turn on captions

Yusuf Mujahid is presenting

Dr. Rohan Kulkalekar Dept of Chemistry is presenting

Meeting details

People (40)

Dr. Sandip Rathod (You)

Aishwarya Shubai

Ajay Jadhav

Ajit Hapane

Akash Dhanore

Akhada Satulke

Chiranj Harbale

Dr. Bejarang L. Shinde

PowerPoint Slide Show - (download from teacher) (Computer...)

ABAB... system of layers - tetragonal close-packed (t.c.p.)

ABCABC... system - cubic close-packed (c.c.p.) referred to as face-centered cubic (f.c.c.)

Diagram showing two types of close packing: tetragonal close-packed (t.c.p.) and cubic close-packed (c.c.p.).

Meeting details

Turn on captions

Dr. Rohan Kulkalekar Dept of... is presenting

Dr. Rohan Kulkalekar Dept of Chemistry is presenting

Meeting details

People (37)

Dr. Sandip Rathod (You)

Aishwarya Shubai

Ajay Jadhav

Ajit Hapane

Akash Dhanore

Akhada Satulke

Ashay Shinde

Dr. Bejarang L. Shinde

PowerPoint Slide Show - (download from teacher) (Computer...)

Cubic close-packed

Let 'a' be the edge length of the unit cell and 'r' be the radius of sphere

Volume of cube = a^3

No. of spheres per unit cell = $8 \times \frac{1}{8} + 6 \times \frac{1}{2} = 4$

In right angle ΔABC , $AC^2 = AB^2 + BC^2$
 $AC^2 = a^2 + a^2 = 2a^2$
 $AC = \sqrt{2}a$

Also, $AC = 4r$
 Therefore, $4r = \sqrt{2}a$ or $r = \frac{\sqrt{2}a}{4}$

Volume of 4 spheres = $4 \times \frac{4}{3} \pi r^3 = \frac{16}{3} \pi r^3$

Ratio of volume occupied to total volume = $\frac{4 \times \frac{4}{3} \pi r^3}{a^3} = \frac{16}{3} \pi \left(\frac{\sqrt{2}a}{4}\right)^3 \div a^3$

Thus volume occupied in c.c.p. arrangement = 74.04%

Shekhar Bhosale has left the meeting

Meeting details

Turn on captions

Dr. Rohan Kulkalekar Dept of... is presenting

Dr. Yusufi Mujahid Anwar

Meet - No chapter

https://meet.google.com/tuo-chaj-kr?ip=1&authuser=1

Vandan Ghule is presenting

CHEMICAL CHANGES

Meeting details

People (95)

Chat

Add people

IN CALL

- Dr. Sandip Rahod (You)
- Aishwarya Jagtap
- Ajay Jadhav
- Akhil Jadhav
- Ashay Shinde
- Arvi Chachar

Meeting details

Type here to search

Turn on captions

Vandan Ghule is presenting

11:12 11/20/2021

Meet - No chapter

https://meet.google.com/fuo-rbuj-kk?ip=1&authuser=1

Vandan Ghule is presenting

CLASSIFICATION OF BIOMOLECULES

Anabolic - complex molecules from smaller inorganic or organic substances

Catabolic - complex molecules broken to smaller fragments

Meeting details

People (100)

Chat

Add people

IN CALL

- Dr. Sandip Rahod (You)
- Aishwarya Jagtap
- Ajay Jadhav
- Akash Sawant
- Akhil Jadhav
- Ashay Shinde

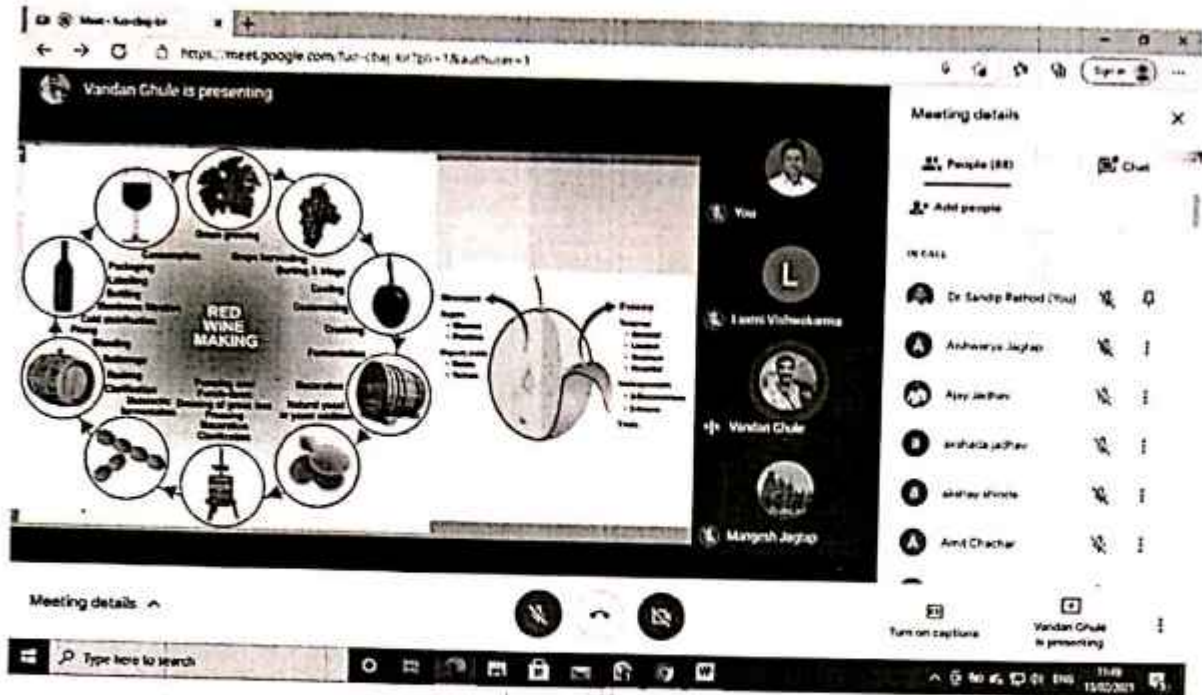
Meeting details

Type here to search

Turn on captions

Vandan Ghule is presenting

11:13 11/20/2021



Dr. S.B. Rathod
Dr. S.B. Rathod
 Activity Co-ordinator

[Signature]
Dr.M.M. Jagtap
 Head
HEAD
 Department of Chemistry
Department of Chemistry
 Waghire College, Saswad,
 Dist. Pune.

[Signature]
Dr. V.V. Patankar
 Co-ordinator
DBT-STAR College

[Signature]
Dr. Sushama Bhosale
 Principal
PRINCIPAL
 Waghire College, Saswad,
 Tal. Purandar, Dist. Pune.

PDEA'S

Waghire College of Arts Commerce and Science,

Saswad, Tal-Purandar, Dist-Pune

Department of Chemistry

Online Guest Lecture-I

On

“LABORATORY SAFETY”

Under

DBT Star College Scheme

(2020-21)

Guest speaker:

Mr. Hemant Kasat

(Senior Associate)

Synlet Pvt.Ltd.,Pune.

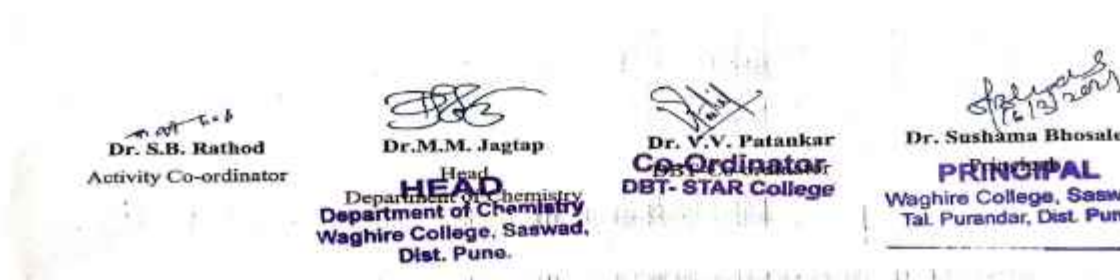
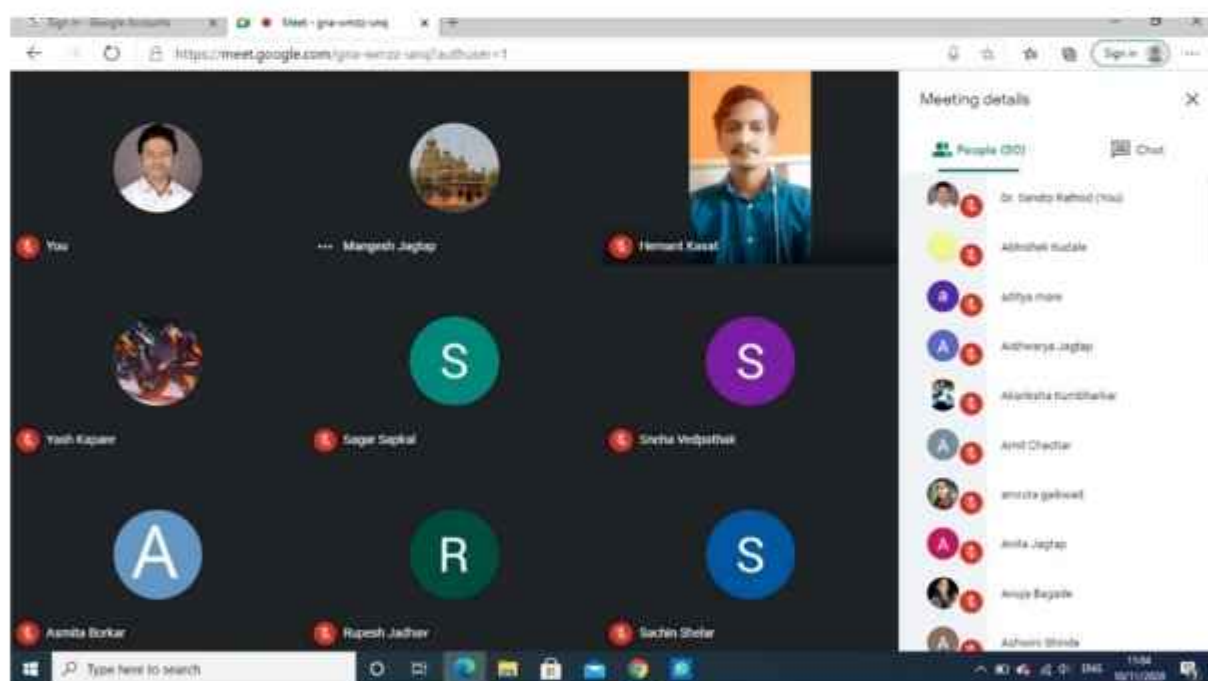
It is with great pride and pleasure that we announce that our college has received strengthening grant under DBT STAR scheme.

This Guest Lecture was organized by department of chemistry under **DBT STAR scheme of the college during academic year 2020-21** on 10th November 2020, at 11.00-12.00 PM on “Laboratory Safety” to aware the students regarding how to works in the laboratory, how to handle the toxic chemical, what kind of precaution is essential while working in chemical i laboratory. During this lecture our honorable guest speaker Mr. Hemant Kasat Sir, who is senior associate, in Synlet Pvt.Ltd., Pune, has given very informative and inractive lecture on “Laboratory Safety”.

For this online Guest Lecture 93 UG student were presents. All heads of concern departments and staff were present during this lecture. Many students and teachers have been asked questions to Mr. Hemant Kasat Sir and they have cleared their doubts. He guided well for the same.

Anchoring and introduction of the Guest done by Dr. M.M. Jagtap. Lastly vote of

thanks is given by Dr. Sandip Rathod.





P.D.E.A'S

Waghire College of Arts Commerce and Science, Saswad

Tal-Purandar, Dist-Pune

Department of Chemistry

“One Day Online Workshop on UV-Visible Spectroscopy”
Under

DBT Star College Scheme (2020-21)

10th March 2021

By

Guest speaker: 1) Prof. Ganesh B Nigade (Assistant Professor, S.G.R.S. College of Pharmacy, Saswad.)

“Learning gives Creativity, Creativity leads to thinking, Thinking provides knowledge, Knowledge makes us Great...It is with great pride and pleasure that, Waghire College of Arts, Commerce and Science, Saswad successfully conducted One Day online workshop on “UV-Visible Spectroscopy” Organised by Department of Chemistry under DBT Star College Scheme On 10th March 2021 at 11:00 am to 02:00 pm. For this one day online workshop Prof. Ganesh Nigade, Assistant Professor, S.G.R.S. College of Pharmacy, Saswad, is invited as a Resource Person and he delivered a very informative talk on “UV-Visible Spectroscopy”.

The workshop is conducted in two sessions. The Session –I is conducted at 11:00 am to 12:00 noon. In the session –I, the following subtopics are covered:

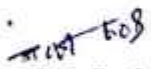
- General Introduction to spectroscopy
- Electromagnetic Radiation and electromagnetic spectrum


- General instrumentation
- Absorption and Emission Spectroscopy
- Introduction and Principle of UV-Visible Spectroscopy.
- Details of Shifts in UV –Visible Spectroscopy
- Chromophore and Auxochrome with suitable examples.
- Different application of UV –Visible Spectroscopy.


The Session –II is conducted at 1:00 Pm to 2:00 Pm. In the session –II , Practical Demonstration is explained in details that is how to use –


- UV-Visible spectroscopy,
- How to calibrate?
- How to prepare the sample?
- How to record the spectra?
- How to interpret the Spectra?
- How to find out the λ_{max} from given spectra.

In this online workshop on UV-visible spectroscopy near about about 100 students has joined. Lastly, the session is open for discussion students and teacher have asked their crucial questions and resource persons cleared their quires with satisfactory answer. This online workshop on UV-Visible Spectroscopy is very much useful for students and teachers to work on UV-Visible spectroscopy. The Prof. Gajendra Aliwale introduced the Guest resource person and lastly vote of thanks is delivered by Dr. S.B. Rathod.


Dr. S.B. Rathod
Activity Co-ordinator


Dr. M.M. Jagtap
Head
Department of Chemistry
HEAD
Department of Chemistry
Waghire College, Saswad,
Dist. Pune.


Dr. V.V. Patankar
Co-ordinator
DBT- STAR College

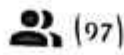

Dr. Sushama Bhosale
PRINCIPAL
Waghire College, Saswad,
Tal. Purandar Dist. Pune.

Principles of Spectroscopy

1. Absorption Spectroscopy:

•An analytical technique which concerns with the measurement of absorption of electromagnetic radiation.

•e.g. UV (185 - 400 nm) / Visible (400 - 800 nm) Spectroscopy, IR Spectroscopy (0.76 - 15 μ m)



Gouri Kadam



Harshada Jagadale



Harshada Shitole



Ketan Chavan





Kamal Pathan



Electromagnetic Radiation

- Electromagnetic radiation consist of discrete packages of energy which are called as photons.
- A photon consists of an oscillating electric field (E) & an oscillating magnetic field (M) which are perpendicular to each other.



-  *Dr. Sandip Rathod (You)*
-  *Dr. Sandip Rathod* >
-  *Ganesh Nigade* >
-  *Keral Kachare* >

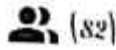
Also in the meeting (97)

Beer's Law

$$A = E.C.I$$

$$T = \frac{I}{I_0} \text{ OR } -\log T = \log \frac{I}{I_0} = A$$

From the equation it is seen that the absorbance which is also called as optical density (OD) of a solution in a container of fixed path length is directly proportional to the concentration of a solution.



Dr. Sandip Rathod (You)



Dr. Sandip Rathod >



Ganesh Nigade >

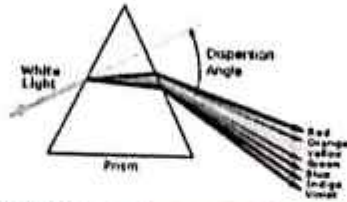


Narendra Kamble >

Also in the meeting (78)



Electromagnetic Radiation



Violet	400 - 420 nm	Yellow	570 - 585 nm
Indigo	420 - 440 nm	Orange	585 - 620 nm
Blue	440 - 490 nm		620 - 780 nm
Green	490 - 570 nm		

(97)



Dr. Sandip Rathod (You)



Dr. Sandip Rathod >



Ganesh Nigade >



Prajakta More >

Also in the meeting (93)



3G 4G 12:21 90%

Auxochrome
 e.g. Benzene $\lambda_{max} = 255 \text{ nm}$ c1ccccc1
 Phenol $\lambda_{max} = 270 \text{ nm}$ Oc1ccccc1
 Aniline $\lambda_{max} = 280 \text{ nm}$ Nc1ccccc1

Call controls: Mute, End Call, Screen Share

(71)

Dr. Sandip Rathod (You)

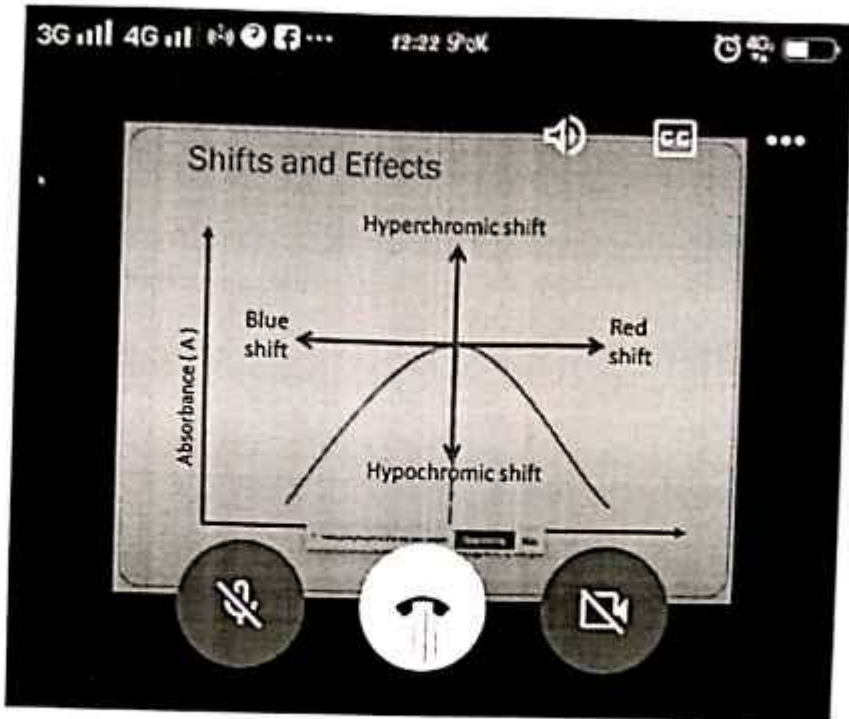
Dr. Sandip Rathod >

Ganesh Nigade >


Prajakta More >

Also in the meeting (67)



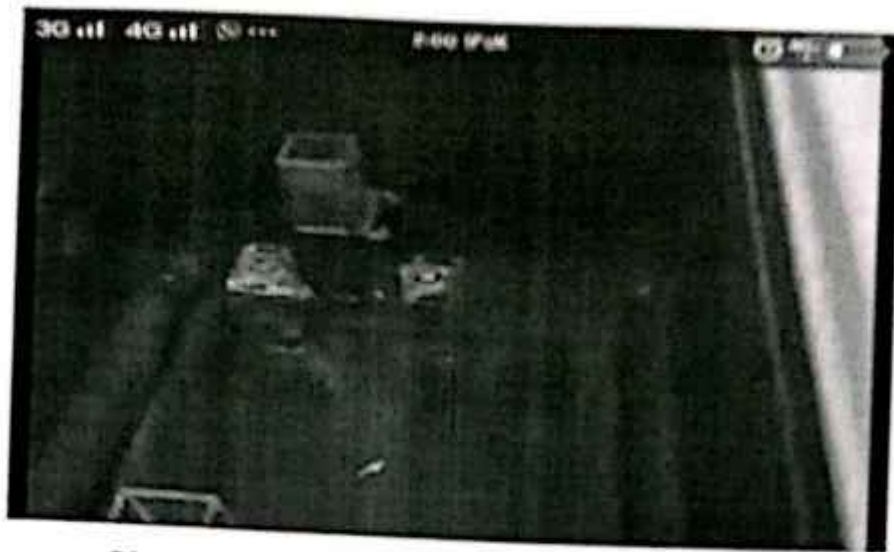


72 [Messages] [Info]

- 
Dr. Sandip Rathod (You)
- 
Dr. Sandip Rathod >
- 
Ganesh Nigade >
- 
Prajakta More >

Also in the meeting (68)

[Menu] [Home] [Back]



(47)

Surya Khongale >

Ganesh Nigude >

Also in the meeting (43)

Abhijit Bhungade >

Aishwarya Bhujbal >

Navigation icons: Home, Back, Forward

S.B.
Dr. S.B. Rathod
Activity Co-ordinator

M.M.
Dr.M.M. Jagtap
HEAD
Department of Chemistry
Waghire College, Saswad,
Dist. Pune

V.V.
Dr. V.V. Patankar
Co-ordinator
DBT-STAR College

Sushama
Dr. Sushama Bhosale
PRINCIPAL
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

PDEA'S
Waghire College of Arts Commerce and Science,
Saswad, Tal-Purandar, Dist-Pune
(2020-21)

ONLINE VIRTUAL VISIT
(Under DBT STAR scheme)
To
'AKSHAY BLOOD BANK,
HADAPSAR, PUNE.

Guest speaker: **Mr. Uttamkumar P. Patil**
Quality Manager,
Akshay Blood Bank,
Hadapsar, Pune.

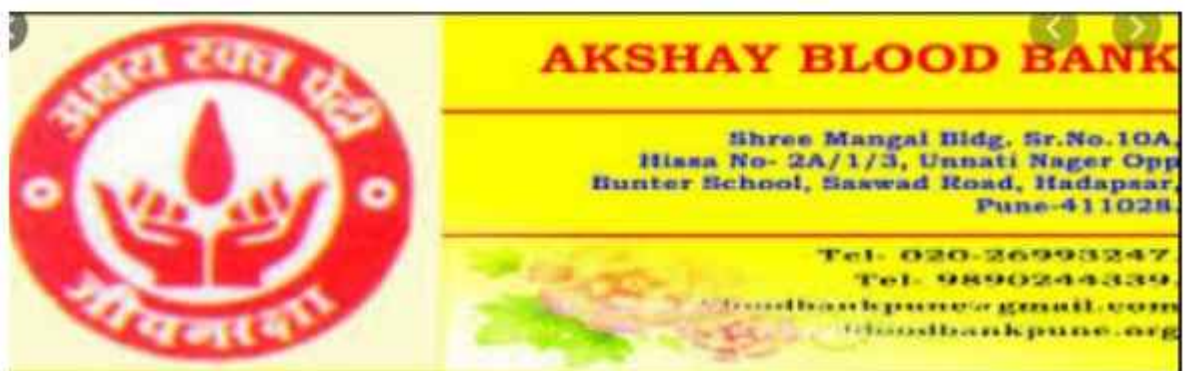
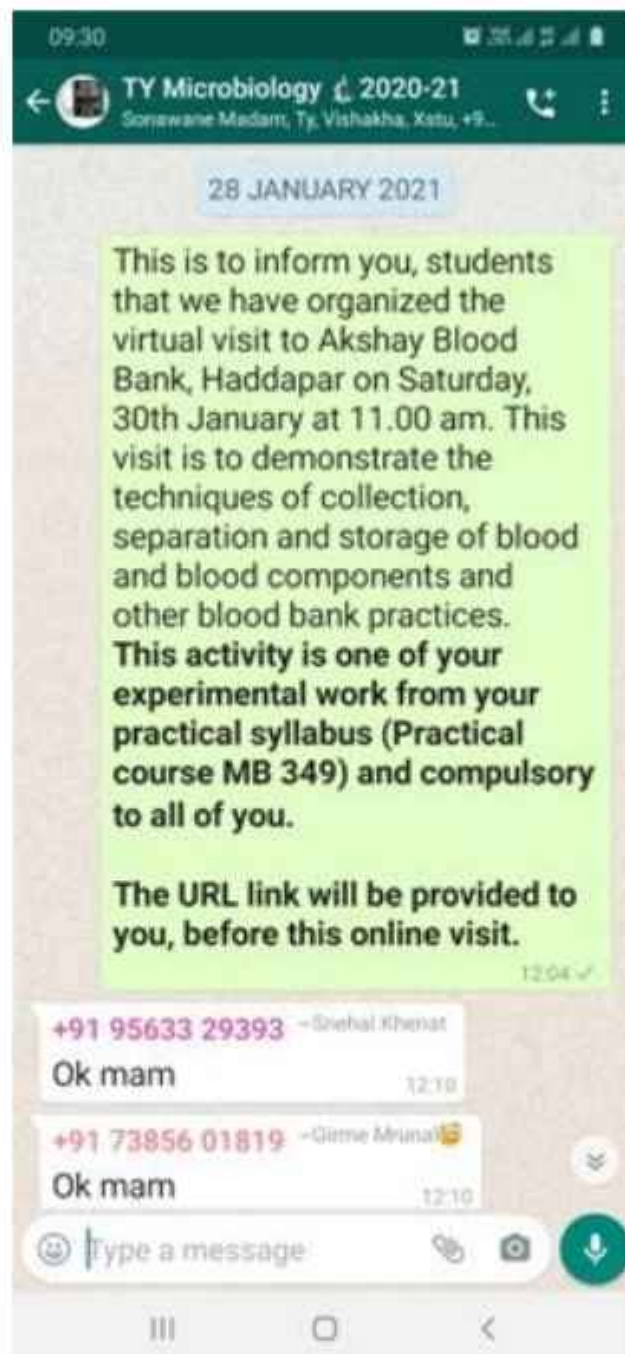
The department of Microbiology had organised a virtual visit for T. Y. B. Sc. Microbiology students on 30th January 2021 at 11.00 am. to learn blood bank techniques of collection, separation and storage of blood and blood components and other blood bank practices. They study the said techniques, theoretically as a part of their syllabus.

The honourable, Mr. U. P. Patil, Quality Manager, Akshay Blood Bank, Hadapsar, Pune shared his knowledge and experiences in the field of Immunohematology.

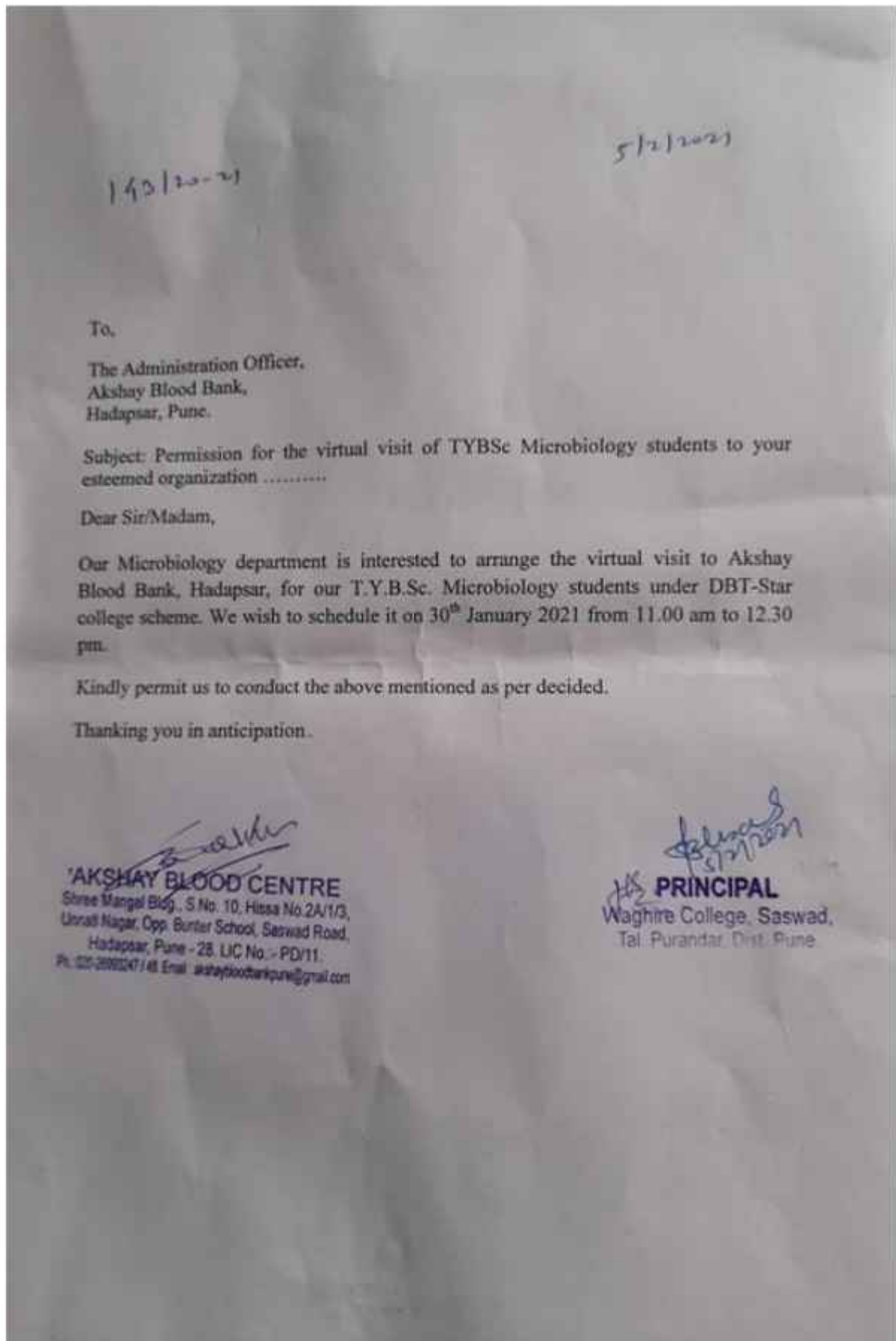
Blood banking is the process that takes place in the lab to make sure that donated blood or blood products are safe before they are used in blood transfusions and other medical procedures. Blood banking includes typing the blood for transfusion and testing for infectious diseases. **Mr. Patil guided** students regarding the criteria; the volunteer must pass before blood donation. He explained a certain set of standard tests done in the lab once blood is donated, including, typing: ABO group (blood type), Rh typing (positive or negative antigen), screening for any unexpected red blood cell antibodies that may cause problems in the recipient, screening for current or past infections, including: Hepatitis viruses B and C, Human immunodeficiency virus (HIV), Syphilis and Malaria. **He also demonstrated** the techniques used for collection and separation of blood and blood components such as Red blood cells (commonly used in the treatment of anemia), Platelets (used in the treatment of leukemia and other forms of cancer), White blood cells (help to fight infection, and aid in the immune process), Cryoprecipitate AHF (help to control bleeding) and plasma (helps to maintain blood pressure, provides proteins for blood clotting, and balances the levels of sodium and potassium).

The head, Mrs. Sonawane madam and teachers of Microbiology department were present for this activity. She welcomed the honourable guest speaker, teachers and students. Dr. Nita Patil gave introduction of the guest speaker. Ms. Vishakha Ganvir expressed vote of thanks.

Notice for Students:



Permission Letter:



Screenshots of the program and attendance

Meeting details

People (50) Chat

IN CALL

- Hemanta Sonawane (You)
- Aaditi Sonawane
- Achal Kurangi
- aksh Ombse
- akshada kunjir
- Amruta Kachero
- Ankita Kumbhar
- Anuja Kumbhar

12:00

11:04

About this call

People Information

ADD OTHERS

Share joining information

IN CALL

- Nita Patil (You)
- Aaditi Sonawane
- Achal Kurangi
- Ankita Kumbhar
- Anuja Kumbhar
- Arati Malavdkar
- Ashitosh Kudale
- Dinesh Jadhav
- Falguni Sepkal
- Geetanjali Khomane
- Harshada Darekar
- Megha jagdale

12:00

11:04

About this call

People Information

- Megha jagdale
- Mrunal Girme
- Mrunal Jagadale
- Neha Pawar
- Nikita Bhujbal
- PRADNYA GADE
- Prajakta Sabale
- Prasad Pawar
- Pratiksha Gade
- Rohit Jagtap
- Rushikesh Modak
- Sameer Kumbharkar
- Saniya Shaikh
- Sanjali Pote
- Shama Jarande

11:04

About this call

People Information

- Hemant Langhi
- Jyoti Singh
- KAMINI DEOKAR
- Megha jagdale
- Mrunal Girme
- Mrunal Jagadale
- Neha Pawar
- Omkar Pawar
- Pooja Jagtap
- Prajakta Sabale
- Prasad Pawar
- Rohit Jagtap
- Rutuja Jagtap
- ruturaj khedekar
- Sameer Kumbharkar

About this call

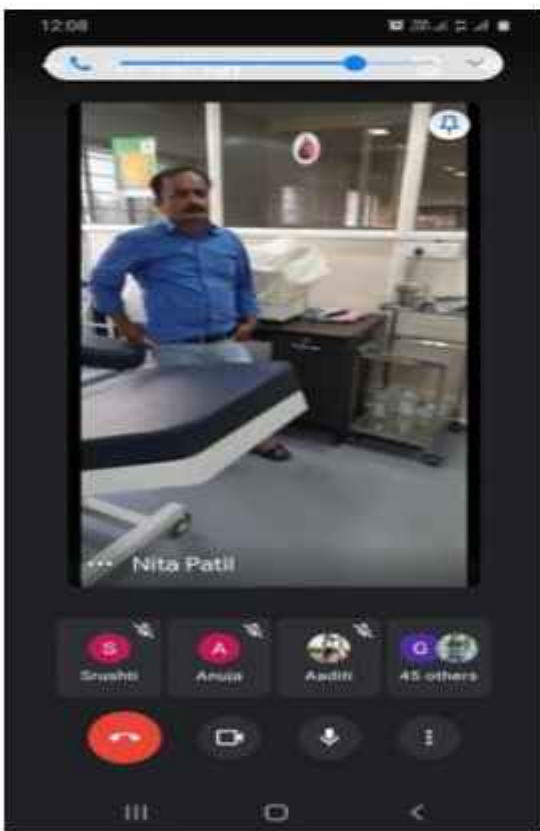
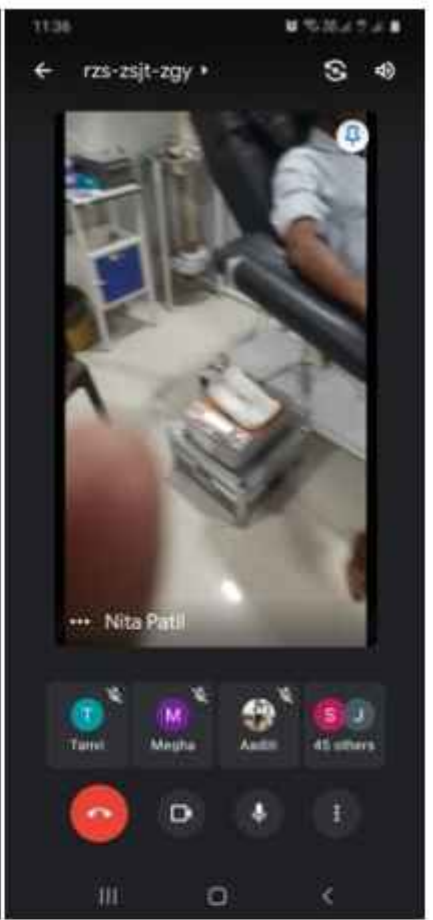
People Information

- Sanjali Pote
- Shama Jarande
- Shivani Kamthe
- Shrutika Jadhav
- Shubham Ghodake
- Siddhesh Jagadale
- Sneha Kudale
- snehal shirke
- Sohel Pathan
- Srushti Kate
- Sumita Borkar
- Tanaya Jagtap
- Tanvi Bhapkar
- vaishnavi jagtap
- Vrushali Dhumal

About this call

People Information

- Saniya Shaikh
- Sanjali Pote
- Shama Jarande
- Shivani Kamthe
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- Tanvi Bhapkar
- vaishnavi jagtap
- Vrushali Dhumal



11:04

About this call

People

ADD OTHERS

Share joining information

Meeting details

People (80)

Chat

IN CALL

- Hemata Sonawane (You)
- Aaditi Sonawane
- Achal Kurangi
- akash Ombase
- akshada kurjir
- Amruta Kachare
- Ankita Kumbhar
- Anuja Kumbhar

12:00

11:04

About this call

Information

People

ADD OTHERS

Share joining information

IN CALL

- Nita Patil (You)
- Aaditi Sonawane
- Achal Kurangi
- Ankita Kumbhar
- Anuja Kumbhar
- Arati Malavadar
- Ashitosh Kudale
- Dinesh Jadhav
- Falguni Sapkal
- Geetanjali Khomane
- Hershada Darekar
- Megha Jagdale

12:00

11:04

About this call

Information

People

ADD OTHERS

Share joining information

- Megha Jagdale
- Mrunal Girme
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- Neha Pawar
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- PRADNYA GADE
- Prajita Sabale
- Prasad Pawar
- Pratiksha Gode
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- Sameer Kumbharkar
- Saniya Shaikh
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11:04

About this call

People

Information

- Hemant Langhi
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- Prasad Pawar
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- ruturaj khedekar
- Sameer Kumbharkar

11:04

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- Sumita Borkar
- Swapnil Kate
- Tanaya Jagtap
- Tarvi Bhapkar
- vaishnavi jagtap
- Vrushali Dhumal

11:04

Sonawane
Head
 Department of Microbiology
 Waghure College, Pune

Vatp
Co-Ordinator
 DBT-STAR College

Sharma
 11/6/2021
PRINCIPAL
 Waghure College, Saswad,
 Tal. Purandar, Dist. Pune.

PDEA'S
Waghire College of Arts Commerce and Science,
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Head
Department of Microbiology
Waghire College, Saswad


Co-Ordinator
DBT- STAR College


PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

Notice for Students:




28 JANUARY 2021

This is to inform you, students that we have organized the virtual visit to Akshay Blood Bank, Haddapar on Saturday, 30th January at 11.00 am. This visit is to demonstrate the techniques of collection, separation and storage of blood and blood components and other blood bank practices. **This activity is one of your experimental work from your practical syllabus (Practical course MB 349) and compulsory to all of you.**

The URL link will be provided to you, before this online visit.





AKSHAY BLOOD BANK

Shree Mangal Bldg. Sr.No.10A,
Hissa No- 2A/1/3, Unnati Nager Opp
Dunter School, Saswad Road, Hadapsar,
Pune-411028.

Tel- 020-26993247
Tel- 9890244339
bloodbankpune@gmail.com
bloodbankpune.org

Meeting details

People (50) 48 Chat

IN CALL

- Hemlata Sonawane (You)
- Aaditi Sonawane
- Achal Kurangi
- akash Ombase
- akshada kurji
- Amruta Kachare
- Ankita Kumbhar
- Anuja Kumbhar

12:00

11:04 About this call

People Information

ADD OTHERS

Share joining information

IN CALL

- Nita Patil (You)
- Aaditi Sonawane
- Achal Kurangi
- Ankita Kumbhar
- Anuja Kumbhar
- Arati Malavadar
- Ashitosh Kudale
- Dinesh Jadhav
- Falguni Sapkal
- Geetanjali Khomane
- Harshada Darekar
- Megha jagdale

12:00

11:04 About this call

People Information

- Megha jagdale
- Mrunal Girm
- Mrunal Jagadale
- Neha Pawar
- Nikita Bhujbal
- PRADNYA GADE
- Prajka Sabale
- Prasad Pawar
- Pratiksha Gade
- Rohit Jagtap
- Rushikesh Modak
- Sameer Kumbharkar
- Saniya Shaikh
- Sanjali Pote
- Chama Jarande

11:04

About this call

People Information

- Hemant Langhi
- Jyoti Singh
- KAMINI DEOKAR
- Megha jagdale
- Mrunal Girm
- Mrunal Jagadale
- Neha Pawar
- Omkar Pawar
- Pooja Jagtap
- Prajka Sabale
- Prasad Pawar
- Rohit Jagtap
- Rutuja Jagtap
- ruturaj khedekar
- Sameer Kumbharkar

About this call

People Information

- Sanjali Pote
- Shama Jarande
- Shivani Kamthe
- Shrutika Jadhav
- Shubham Ghodake
- Siddhesh Jagadale
- Sneha Kudale
- snehal shirke
- Sohel Pathan
- Srushti Kate
- Sumita Borkar
- Tanaya Jagtap
- Tarvi Bhapkar
- vaishnavi jagtap
- Vrushali Dhmal

About this call

People Information

- Saniya Shaikh
- Sanjali Pote
- Shama Jarande
- Shivani Kamthe
- Shrutika Jadhav
- Siddhesh Jagadale
- Sneha Kudale
- snehal shirke
- Srushti Kate
- Sumita Borkar
- Swapnil Kate
- Tanaya Jagtap
- Tarvi Bhapkar
- vaishnavi jagtap
- Vrushali Dhmal

H. Sonawane
Head
 Department of Microbiology
 Waghri College, Sastred

V. Patil
Co-Ordinator
 PRT, STAR College

Shama Jarande
PRINCIPAL
 Waghri College, Sastred,

Date: 7th Dec. 2021

**PDEA's Waghire College, Saswad
Department of Zoology
2021-2022**


Notice for F.Y. B.Sc. Zoology and S.Y.B.Sc Zoology students

This is to inform all the students, that the Department of Zoology is organizing a Guest Lecture "Basic Entomology" for the students on 9th December, 2021.

The lecture aims to raise awareness about the importance of Entomology, identify the insects and their role in improving the environment.

Students should attend the lecture series from 9th December, 2021, at 9.30 am to 1.30 pm in Zoology Laboratory.


Dept Co-ordinator


**HOD
HEAD**
Dept. of Zoology
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

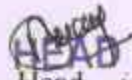
PDEA's Waghire College, Saswad
Department of Zoology
2021-2022

Report on Guest lecture on Basic Entomology under DBT Scheme

The Zoology department had organized a guest lecture on Basic Entomology on 09/12/2021 for the students of S.Y.B. Sc. Zoology from 9.30 am to 1.30 pm. The main objective of organizing this lecture was to make the student understand the basic part of entomology. It was observed that the students could not distinguish between the different insects observed in their vicinity. It was also organized to make the students aware about the different insects surrounding their vicinity and college campus. Ms. Nikita Saste, a former student of Waghire College and a freelancer was invited as guest speaker. During the lecture Ms. Saste spoke on entomology like what is entomology, what is the role of different insects in human's life, the beneficial and harmful insects, the basic difference between the insects and the arachnids, the difference between a butterfly and a moth. Importance of bees, butterflies and moths as pollinators etc. Around 43 Students benefitted from the above lecture.




Dept. Coordinator


Dept. of Zoology
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.


DBT Coordinator
Co-Ordinator
DBT- STAR College


PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

09-12-2021 SYBSc. zoology.

- | | | |
|-----|--------------------------|-------------------------------|
| 1) | Gurav Viraj Vijay | <u>Viraj</u> |
| 2) | Memane Saurabh Narayan | <u>Memane</u> |
| 3) | Kul Shubham Dadar | <u>Sul</u> |
| 4) | Chauhan Shailesh Vijay | <u>Shailesh</u>
03/12/2021 |
| 5) | Pawar Pranav Subhash | <u>Pranav</u> |
| 6) | Kadlam Rushikesh Santosh | <u>Kadlam</u> |
| 7) | Chavan Kunal Sadashiv | <u>Chavan</u> |
| 8) | Jagtap Suraj Rajendra | <u>Jagtap</u> |
| 9) | Kale Pratik Sanjay | <u>Pratik</u> |
| 10) | Kapare Yash Arun | <u>Yash</u> |
| 11) | Band Aniket Salish | <u>Aniket</u> |
| 12) | Waghale Shubham Anil | <u>Waghale</u> |
| 13) | Kutake Rohit Dnyanoba | <u>Kutake</u> |
| 14) | Kutwal Tejas Namdev | <u>Kutwal</u> |
| 15) | Tekawade Prasad Shivaji | <u>Prasad</u> |
| 16) | Rubik Subhash Barkade | <u>Rubik</u> |
| 17) | Prasad Balu Barkade | <u>Barkade</u> |
| 18) | Chaudhari Rulik Ravindra | <u>Chaudhari</u> |
| 19) | Thikote Teuppi Anna | <u>Thikote</u> |
| 20) | Jagtap Neha Shantaram | <u>Neha</u> |
| 21) | Nale Supriya Subhash | <u>Nale</u> |
| 22) | Shendkar Pradnya Vishwas | <u>Pradnya</u> |
| 23) | Shinde Ashwini Ramdas | <u>Shinde</u> |
| 24) | Pise Anushka Santosh | <u>Pise</u> |
| 25) | Shinde Jyoti Tanaji | <u>Shinde</u> |
| 26) | Zende Tejal Bayirao | <u>T.B. Zende</u> |
| 27) | Kolate Tanuja Vikas | <u>Kolate</u> |
| 28) | Pawar Sakshi Nandkumar | <u>Pawar</u> |
| 29) | Tanwade Siddhi Dattatray | <u>Tanwade</u> |
| 30) | Shendkar Tejal Bhanudas | <u>Shendkar</u> |
| 31) | Kapare Priti Kailas | <u>Kapare</u> |

- 32] Surve. Lakshmi Nitin (Bakshi)
- 33] Rajapati. Meenakshi Gopal Rajapati
- 34] Shendkar Sakshi Dattatray S.D. Shendkar
- 35] Jyotap Rudra Santosh Jyotap
- 36] Kamthe Vaishnavi Sambhaji V.S. Kamthe
- 37] Gaikwad Rutuja Subhash (Gaikwad)
- 38] More Vaishnavi Sanjay (More)
- 39] Takawale Mayuri Shrirang M.S. Takawale
- 40] Borawake Isha Anil I.A. Borawake
- 41] Jadhav Sapana Sanjay Jadhav
- 42] Thopate Ravina Rohidas Thopate
- 43] Mame Saubhiti Ajit Mame

Period
Dept. Co-ordinator

Head
HEAD
Dept. of Zoology
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

DBT
DBT Co-ordinator
Co-Ordinator
DBT- STAR College

Principal
Principal
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

PDEA's Waghire College, Saswad
Department of Zoology
2021-2022

Departmental activities to be conducted under DBT –STAR College Scheme

Sr. no.	Activity name	Tentative month	Expected Budget
1	Wild life Week Celebration – 3 days Lecture series on Wildlife	1 st -8 th October, 2021	Rs. 6000/-
2	Lecture on Basic Entomology	October, 2021	Rs. 2000/-
3	Online Poster Competition on Wildlife conservation	October, 2021	Rs. 2000/-
4	Establishment of Butterfly Garden in College Campus	October, 2021	
5	Construction of Terrarium in Old Aquarium to illustrate Terrestrial Ecosystem	October, 2021	Rs. 2000/-
6	Inauguration of Faunal Diversity group for sensitizing students towards taxonomy	October, 2021	Rs. 4000/-
7	Lecture and Health workshop on Pandemic health issues for College Teaching and Non-teaching staff	November, 2021	Rs. 6000/-
8	Bee box installation in College	November, 2021	Rs. 4000/-
9	Bee box handling and training for Students and Zoology department Staff	November, 2021	Rs. 2000/-
10	Transportation of Bee boxes to Chambli village; Bee-keeping guidance and Bee handling training to farmers of Chambli village.	November, 2021	Rs. 4000/-
11	Conduction of Practicals related to Apiculture as mentioned in DBT – STAR College Scheme Proposal	November, 2021	Rs. 5000/-
12	Vermicompost counseling to the farmers of Chambli village	November, 2021	Rs. 2000/-
13	Faunal Survey of Kadjai Vanrai in Chambli village	November, 2021	Rs. 2000/-
14	Setting up of Virtual Zoology Laboratory	December, 2021	Rs. 20,000/-
15	Zoology Department Laboratory Video Shooting	December, 2021	Rs. 4000/-
16	Awareness lecture on Snakes and Snake bite in a remote village of Purandar	December, 2021	Rs. 5000/-
17	Nest Construction by students for birds	December, 2021	Rs. 2000/-
18	Online Mobile Wildlife Photography Competition for students	February, 2021	Rs. 1000/-
19	Fifteen days ADD –On Course	February, 2021	Rs. 30,000/-

	"Basic Identification of Phylum Arthropoda"		
20	Compilation of Faunal Surveys conducted by Zoology department	March, 2021	Rs. 5000/-

B. U. Mane

Departmental Co-ordinator

B. U. Mane

Dr. B.U. Mane
Head
Department of Zoology

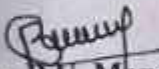
PDEA's WAGHIRE COLLEGE, SASWAD
Department of Zoology
DBT-STAR College Scheme Activity
2021-2022

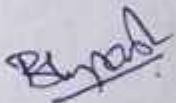
NOTICE FOR STUDENTS

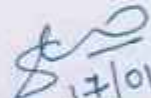
This is to inform all the S.Y.B. Sc. Zoology students that the Department of Zoology is organizing a One Day Online Workshop on Honey Bee handling and Practical's related to it like Extraction of honey, Beewax, Propolis, Pollen from honey bee combs and Extraction of bee venom from honey bees under the DBT-STAR College Scheme.

The workshop is being organized in Zoology Lab tomorrow and will start from 10.00 am onwards. Students are requested to join on time for attending the Workshop. The Workshop link will be sent to the students on their Whatsapp group.

Attendance is compulsory.


Dr. B.U. Mane
Head of Department


Dr. B.S. Madhankar


Principal

Principal
Waghire College, Saswad
Tal Purandar, Dist. Pune

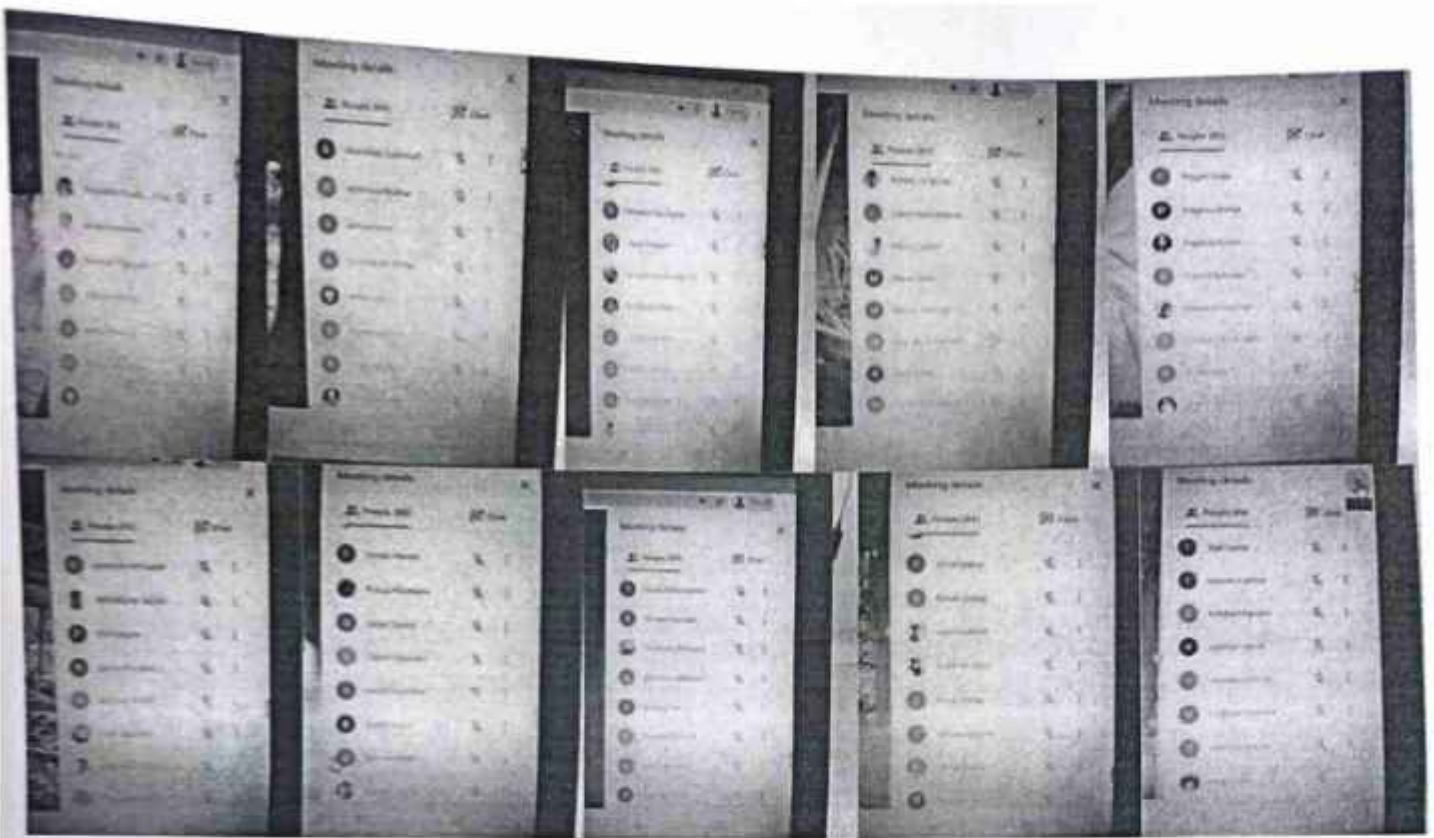
PDEA's Waghire College,
Department of Zoology
"Online workshop on Vermicomposting"
conducted by Zoology Department under the DBT- STAR College Scheme
5th February, 2021

The Zoology department had organized an online workshop titled "Online Workshop on Vermicomposting" on 5th February, 2021 from 1.00 pm to 2.30 pm under the DBT- STAR College scheme. The guest speaker invited for conducting this workshop was Shri. Prashant Borawake, An Environmentalist and Coordinator of Paani Panchayat, an NGO ran under the guidance of Gram Gaurav Pratisthan, Khalad. This NGO carries out vermicomposting on a major scale and sells vermicompost and vermiwash to the farmers of Purandar tehsil, Pune. Shri. Borawake along with his colleague Ms. Sonali Jagtap explained meticulously and in lucid manner the importance and the need for Vermicomposting; the detail procedure of vermicomposting and vermiculture; how vermiwash is prepared and obtained; the care and precautions to be taken during vermicomposting, the schedule to be followed, the different species of earthworms used in vermiculture; the benefits of using vermicompost and how vermiculture can serve as a source of self - employment to the youth.

Through his live video and also presentation, he appealed to the students of F.Y.B.Sc and S.Y.B.Sc to carry out small experiments and propagate vermicomposting in their areas.



Live video shots of Shri. Borawake explaining the process of vermicomposting and care and precaution to be taken during vermicomposting.



Lecture attendance for the Online Workshop on Vermicomposting held on 5/2/2021

The workshop was organized with an aim of educating and providing basic knowledge to the F.Y.B.Sc and S.Y.B.Sc Zoology students regarding vermicomposting, vermiculture and use of vermicompost. Due to excessive use of inorganic fertilisers and pesticides, the field soil loses its fertility as a consequence of death of soil organisms. It also causes production of poor-quality fruits and grains. Soil pollution is another environmental issue which arises due to extensive usage of inorganic fertilisers. Hence, Preventive and curative measures require to be taken for increasing the soil fertility. One such measure which is clean, sustainable and zero waste is vermicomposting. Since, majority of the students have agricultural background, by learning the basics of vermicomposting through the online workshop, they can in an own manner carry it out in their fields.

Bhagyashri 6/2/21

Dr. Bhagyashri S. Madbhavikar
Dept. Coordinator for DBT STAR College Scheme
Dept. of Zoology

B. U. Mane

Dr. B.U. Mane
Head, Dept. of Zoology

Waghi
Co-O-dinator
DBT-STAR College

Waghi
19/12/22

PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

PDEA's Waghire College,
Department of Zoology
Second Online Guest lecture series conducted by Zoology Department
under the DBT- STAR College Scheme
2020-2021

Under the funding of the DBT-STAR College Scheme, the Zoology department of Waghire College, Saswad organized the second online guest lecture series for the students of F.Y.B. Sc and S.Y.B. Sc Zoology from 1st February to 3rd February 2021. The three-day online lecture series was inaugurated at the hands of Dr. B.U. Mane, Head of Zoology Department, Waghire college, Saswad.

Three eminent and well-known personalities were invited for the lecture series as guest speakers on the three respective days were 1. Dr. Baban Shravan Ingole, Visiting Scientist, National Centre for Polar and Ocean Research, Vasco, Goa and Former Chief Scientist and Head of Biology Division, National Institute of Oceanography, Dona Paula, Goa; 2. Prof. Dr. Abhay Khandagale, Principal and Head of Zoology Department of Prof. Ramakrishna More College, Akurdi, Pune; and 3. Shri Amit Pawashe, Renowned Ornithologist of Purandar tehsil, Pune respectively.

On 1st February 2021, the Guest speaker **Dr. Baban Ingole** spoke on the topic "**Marine Biodiversity**" wherein he lucidly explained about the importance of studying Marine Biodiversity in general. Through his presentation he stressed on the importance of Marine biodiversity; the ecological and economical roles played by the marine flora and fauna and the threats faced by them due to anthropological activities; the possibilities of disruption of the whole marine ecosystem ultimately affecting the whole universe; the policies and management required to conserve the marine biodiversity; the need of public involvement in handling and controlling the different environmental issues arose due to anthropological activities in all the ecosystems of the world and carrying out harvesting activities in sustainable manner.

Around 88 participants including the students and faculty attended the lecture.

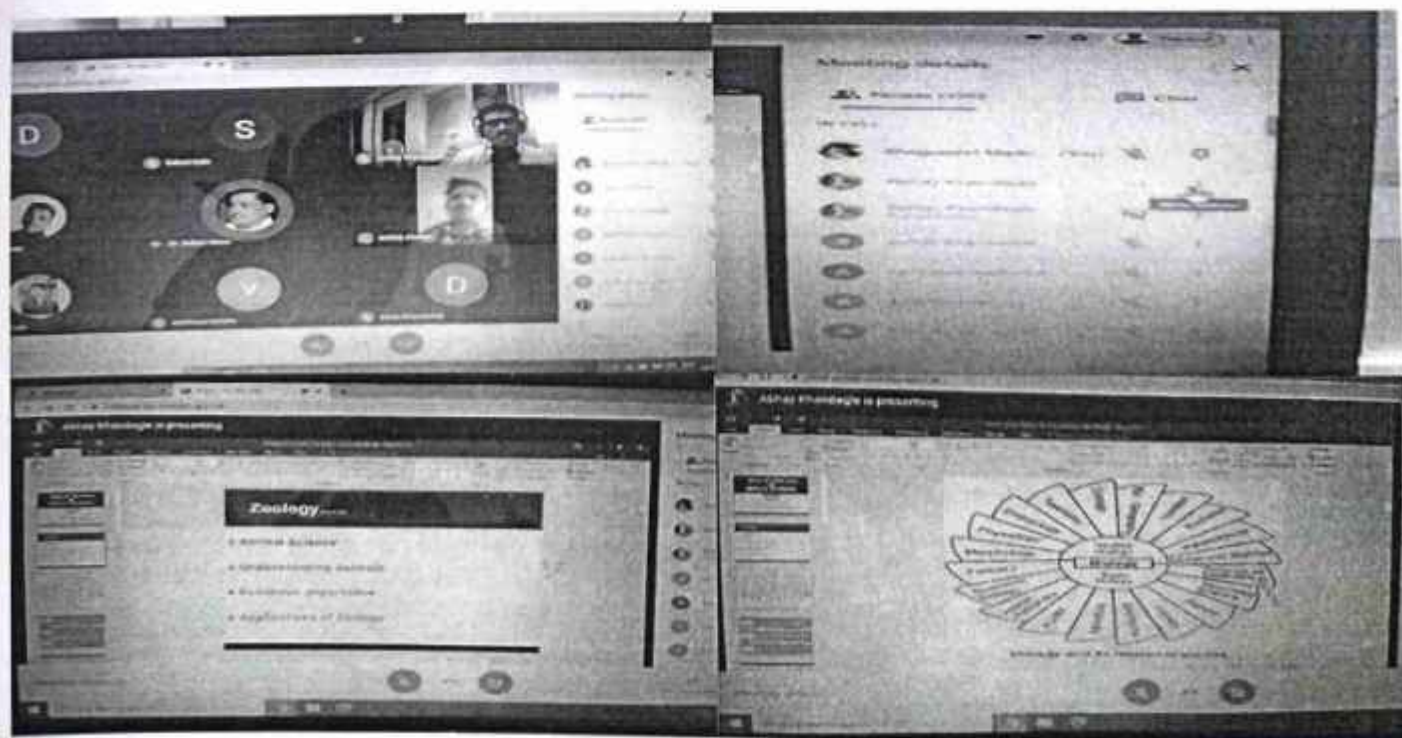


**Shots of the First Online Guest lecture "Marine Biodiversity" delivered by Dr. B.S. Ingole
on 1st February, 2021; from 10.00 am to 11.15 am**

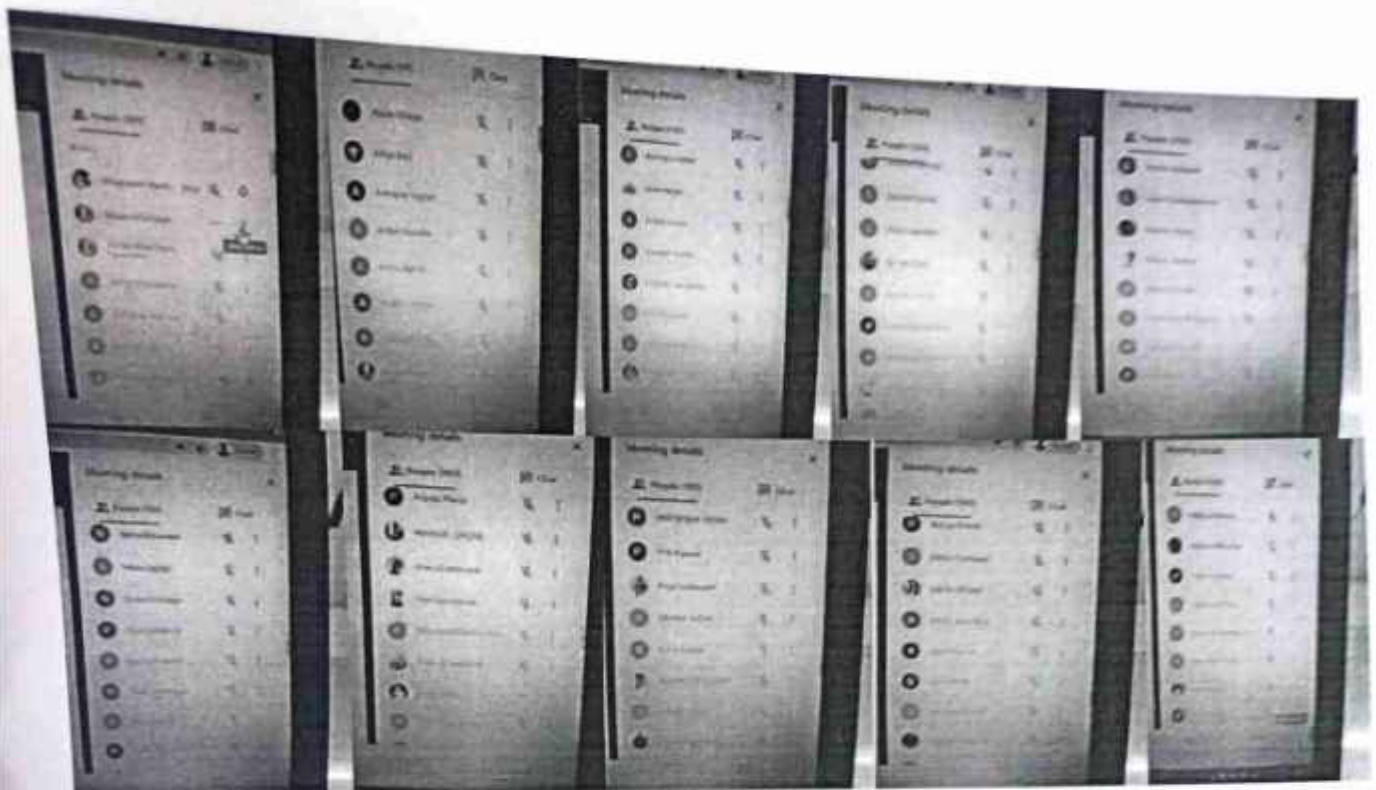


Lecture attendance for lecture titled "Marine Biodiversity" organized on 1/2/2021

The Guest speaker on 2nd February 2021, Prof. Dr. Abhay J. Khandagale, spoke on "The role of Zoology in Medical sciences" and sensitized the student participants regarding the importance of Zoology subject; the significance of Zoology in medical sciences; biotechnology and other related fields; the application of zoology by our ancestors and its mention in ancient scriptures; the contribution of animals in scientific research, ethical procedures required to carry out the trials on lab animals etc. He also emphasised that the students should have an idea of all subjects in present scenario as interdisciplinary approach is being practised on a large scale in the world. Through his lecture around 100 students were benefitted.



Shots of Second Online lecture "Role of Zoology in Medical sciences" by Dr. Abhay Khandagale on 2/2/2021 from 11.00 am to 12.00 noon.



Lecture attendance for the lecture titled "Role of Zoology in Medical Sciences" organized on 2/2/2021

The third speaker, Shri. Amit Pawase too created an awareness and aroused a sense of duty amongst each and every participant towards the conservation of birds in a sustainable manner in his lecture on "Birds in Purandar tehsil" on 3/2/2021. Through his pictorial presentation and humorous approach, he explained the different birds occurring in Purandar tehsil; their residential status, migratory birds visiting Purandar; the threats faced by the grassland birds in semi- arid scrub lands of Purandar; the need for their conservation; need for identifying the birds in our locality; the issues related to the decline in avifauna and how each and every individual should contribute in conservation of biodiversity in their personal capacity. He also appealed the students to help conserve the Birds of Purandar by conserving and creating awareness regarding the pastures and grasslands of Purandar. Around 86 student participants benefitted through this lecture.



Shots of Third Online lecture "Birds in Purandar tehsil" by Shri. Amit Pawase on 3/2/2021 from 11.00 am to 12.15 pm.



Lecture attendance for lecture titled "Birds in Purandar Tehsil" organized on 3/2/2021

Dr. Bhagyashri S. Madbhavikar
 4/2/2021
 Dr. Bhagyashri S. Madbhavikar
 Dept. Coordinator for DBT STAR College Scheme
 Dept. of Zoology

Dr. B.U. Mane
 Dr. B.U. Mane
 Head, Dept. of Zoology
 Department of Zoology
 Waghire College, Saswad
 Dist. Pune

Dr. Madhvi
 Co-Ordinator
 DBT-STAR College

Dr. Anurag
 9/13/22
 PRINCIPAL
 Waghire College, Saswad
 Tal. Purandar, Dist. Pune.

PDEA's Waghire College, Saswad
Department of Zoology
Online Guest lecture Series -2
2020-2021

Notice for F.Y.B. Sc and S.Y. B.Sc Zoology Students

The Zoology department has organized Online Guest lecture Series- 2 under the DBT STAR College Scheme from 1st February to 3rd February, 2021 at 11.00 am for the F.Y.B. Sc and S.Y.B. Sc Zoology students. Hence, it is hereby informed to all concerned students that their attendance is compulsory for these lectures. Incase of absentia, absent students will not receive their internal marks.

Online lecture will be conducted either through ZOOM meetings app or Google Meet. Link for the lectures will be communicated on the respective groups of students through WhatsApp on previous or same day of the lecture in the morning.


29/1/21
Coordinator

DBT- STAR College scheme
Zoology lecture series 2
Department of Zoology


Head

Department of Zoology

PDEA's Waghire College, Saswad
Department of Zoology
Online Guest lecture Series -2
2020-2021

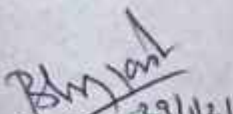
Notice for F.Y.B. Sc and S.Y. B.Sc Zoology Students

The Zoology department has organized Online Guest lecture Series- 2 under the DBT STAR College Scheme from 1st February to 3rd February, 2021 at 11.00 am for the F.Y.B. Sc and S.Y.B. Sc Zoology students. Hence, it is hereby informed to all concerned students that their attendance is compulsory for these lectures. In case of absence, absent students will not receive their internal marks.

Online lecture will be conducted either through ZOOM meetings app or Google Meet. Link for the lectures will be communicated on the respective groups of students through WhatsApp on previous or same day of the lecture in the morning.

Also, while joining the lecture, students are requested to mute themselves in order to avoid disturbance to the guest speakers during their lecture. In case, any student wants to ask a question they can raise the hand and during question - answer session they can unmute themselves and ask the question.

It is requested to all students to maintain online discipline during the lecture series. Kindly bear in mind that a Strict action will be taken on the absent and ill-mannered students by the HOD.


29/12/21
Coordinator

DBT- STAR College scheme
Zoology lecture series 2
Department of Zoology


Head

Department of Zoology

PDEA's Waghire College,
Department of Zoology
Activities conducted by Zoology Department under the DBT- STAR College Scheme
2020-2021

Per year the wild life week is celebrated in India from 2th to 8th October. The Zoology department of Waghire college too celebrated the Wildlife Week by organizing a three days online Lecture series from 6th October to 8th October 2020 and a Quiz Competition on the occasion of "Wildlife Week" under the DBT- STAR College Scheme. The three-day online lecture series was inaugurated at the hands of Dr. Sushama Bhosale, Hon. Principal of Waghire college.

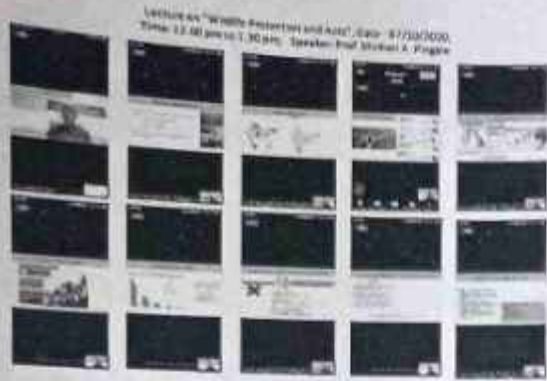
The three guest speakers invited for the lecture series on the three respective days were 1. Prof. Dr. Sudhakar Murlidhar Kurhade, New Arts, Commerce and Science College, Shevgaon, Dist. Ahmednagar; 2. Prof. Shrihari Ashok Pingale, Sangamner Mahanagarpallika Arts, D.J.Malpani Commerce and B.N. Sarda Science college, Sangamner, Dist. Ahmednagar and 3. Prof. Dr. Vidhin Sunder Kamble, Sangola college, Sangola, Dist. Solapur respectively.

On 6th October 2020, the Guest speaker **Dr. Sudhakar Kurhade** spoke on the topic "**Avian diversity**" wherein he explained how India is blessed with a rich avian diversity. Through his presentation he showed the participants the different species of birds, the ecological role played by the birds in the environment and the threats faced by them due to anthropological activities.

Around 64 participants including the students and faculty attended the lecture.

Attendance of Lecture on "Avian Diversity"; Date-06/10/2020; Time- 12.00 pm to 1.10 pm;
Speaker – Dr. Sudhakar M. Kurhade

The Guest speaker on 7th October 2020, **Prof. Shrihari Pingale** spoke on "**Wildlife Protection and Acts**" and sensitized the participants regarding the importance of wildlife, the dangers and different threats faced by them in terms of poaching, hunting, urbanization, habitat fragmentation, pollution etc. and explained the IUCN categories of wildlife. He also emphasised on the different protection laws enacted by the Indian government to safeguard the wildlife. 80 beneficiaries benefitted from the above lecture.



Attendance of Lecture on "Wildlife Protection and Act", Date - 07/10/2020
Time: 11:00 pm to 1:30 pm; Speaker: Prof. Shilpa A. Patil

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The third speaker, Prof. Dr. Vidhin S. Kamble too created an awareness and aroused a sense of d amongst each and every participant towards the Wildlife through his lecture "Biodivers Conservation and Laws" on 8th October, 2020. Through his presentation, he elaborated on biodiversity, the issues related to the decline in biodiversity, the environmental laws protecting biodiversity and how each and every individual can contribute in conservation of biodiversity in t personal capacity. Around 86 participants benefitted through this lecture.

Lecture on "Biodiversity-Conservation and Laws"; Date - 08/10/2020; Time- 11.00 am to 1.00 pm; Speaker: Prof. Dr. Vidhin S. Kamble



A Quiz competition was also organized from 6th October- 8th October, 2020 for the Student F.Y.B.Sc and S.Y.B.Sc Zoology students, wherein about 213 students from other colleges Waghire college participated in it.

Bhawal

Dr. Bhagyashri S. Madbhavikar
Faculty, Dept. of Zoology

Ratil

Co-Ordinator
DBT- STAR College

Bhawal

Dr. B.U. Mane
HEAD,
Head, Dept. of Zoology
Waghire College, Saawad
Dist. Pune.

Report on Guest Lecture on Earth Day organized under the DBT- STAR
College Scheme on 22nd April, 2022

On occasion of 'Earth Day' the Department of Zoology had organized a guest lecture on 22nd April, 2022 under the DBT-STAR Scheme. The main objective of organizing this lecture was to make the students aware regarding the climate change due to anthropogenic activities and loss of bio-diversity.

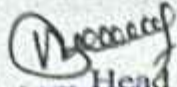
The invited speaker Dr. Mahindra Jagtap spoke on "Climate Change and its impact on Biodiversity". He explained how climate change affects the health of ecosystems, influencing shifts in the distribution of plants, viruses, animals, and even human settlements. This can create increased opportunities for animals to spread diseases and for viruses to spill over to humans. Human health can also be affected by reduced ecosystem services, such as the loss of food, medicine and livelihoods provided by nature. Also, climate change is playing an increasingly important role in the decline of biodiversity. He stated that climate change has altered marine, terrestrial, and freshwater ecosystems around the world which has caused the loss of local species, increased diseases, and driven mass mortality of plants and animals, resulting in the first climate-driven extinctions.

The risk of species extinction increases with every degree of warming. In the ocean, rising temperatures increase the risk of irreversible loss of marine and coastal ecosystems. Live coral reefs, for instance, have nearly halved in the past 150 years, and further warming threatens to destroy almost all remaining reefs.

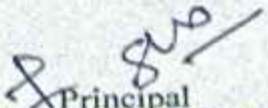
He explained importance of biodiversity and why it is essential for limiting climate change. When human activities produce greenhouse gases, around half of the emissions remain in the atmosphere, while the other half is absorbed by the land and ocean. These ecosystems and the biodiversity they contain are natural carbon sinks, providing so-called nature-based solutions to climate change.

He said conserving and restoring natural spaces like forest peat land, wet lands, Marshes swamps ocean sea grasses and Mangroves can help in sequestering of CO₂ from atmosphere and help in fighting the climate change adverse effect. Through the lecture series, 3rd F.Y. and S.Y. students were benefitted.


Depart. Co-ordinator


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Dept. of Zoology
Waghire College, Saswad,
Tal. Purandar, Dist. Pune


DBT Scheme Co-ordinator
Co-Ordinator
DBT- STAR College


Principal
PRINCIPAL
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

Sr.No.	Name	Sign
1)	chavan kunal sadashiv	<u>Chavan</u>
2)	Kadao Rushikesh Santosh	<u>Rushikesh</u>
3)	Shaikh Sahabaji meharajkhan	<u>Shaikh</u>
4)	Gavade Vishal Ramchandra	<u>Gavade</u>
5)	Tekawade Prasad Shivaji	<u>Prasad</u>
6)	Kutwal Tejas Namdev	<u>Kutwal</u>
7)	Jastap Suraj Rajendra	<u>Jastap</u>
8)	Jastap Vipul Kundlik	<u>Jastap</u>
9)	Khutwad Vaibhav Bhanudas	<u>Khutwad</u>
10)	Bahirat Sumit Mahadev	<u>Sumit</u>
11)	Pawar Gaurav Rohidas	<u>Pawar</u>
12)	Garud Shivam Vyanktrao	<u>Garud</u>
13)	Chauhan Shailesh Vijay	<u>Shailesh</u>
14)	Katake Rohit Dnyanoba	<u>Katake</u>
15)	Waghole Shubham Anil	<u>Waghole</u>
16)	Dudhal Saurabh Sunil	<u>Saurabh</u>
17)	Raskar Gaurav Santosh	<u>Raskar</u>
18)	Tanwade Siddhi Dattatray	<u>Tanwade</u>
19)	Shinde Ashwini Ramdas	<u>Shinde</u>
20)	Krajapati Meenakshi Gopal	<u>Krajapati</u>
21)	Pawar Vaishnavi Vishwas	<u>Pawar</u>
22)	Chivhe Vaishnavi Dashrath	<u>Chivhe</u>
23)	Mhetre Ankita Vijay	<u>Mhetre</u>
24)	Girme Sakshi Shivaji	<u>Girme</u>
25)	Pawar Sakshi Nandkumar	<u>Pawar</u>
26)	Zende Tejal Bajirao	<u>Zende</u>
27)	Kolte Tanuja Vikas	<u>Kolte</u>
28)	Botse Neha Namdev	<u>Botse</u>

- 29) Ranonwore saydi vilas
- 30] Thopate Ravina Rohidas
- 31] Bhongale Nikita Shantaram
- 32] Takawale Mayuri Shirang
- 33] Kamthe Vaishnavi Sambhaji
- 34] Gaikwad Rutuja Subhash
- 35] Shendkar Tejal Bhanudas
- 36] Gite Priti Vasudev
- 37] Jadhav Supana Sanjay
- 38] Kalkade Rutuja Bajarang

Layell

Thopate

Bhongale's

Takawale

V.S. Kamthe

Gaikwad

Shendkar

Priti

Supana

Kalkade

P. Jadhav
Dept. Co-ordinator

P. Jadhav
Head

HEAD

Dept. of Zoology
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

P. Jadhav
DBT Co-ordinator
DBT-STAR College

P. Jadhav
PRINCIPAL
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Tal. Purandar, Dist. Pune.

PDEA'S

Waghire College of Arts Commerce and Science,

Saswad, Tal-Purandar, Dist-Pune (2020-21)

ONLINE GUEST LECTURE (Under DBT STAR scheme)

On 'Recombinant DNA Technology'

Date: 30/10/2021

Guest speaker: Dr. Neelu Nawani,

Professor and Incharge of Microbial Diversity Research Centre, Dr. D. Y. Patil
Biotechnology and Bioinformatics Institute, Dr. D. Y. Patil Vidyapeeth, Pune

Under DBT Star scheme, the department of Microbiology had organised a lecture series. On 30th Oct 2021, a guest lecture was organized on "recombinant DNA Technology" for T. Y. B. Sc. microbiology students at 1.30pm. The lecture was organized to make students understand the concepts of rDNA technology and its application in Fermentation technology to produce Insulin. We had an immense presence of an eminent personality Dr. Neelu Nawani, Professor and Incharge of Microbial Diversity Research Centre, Dr. D. Y. Patil Biotechnology and Bioinformatics Institute, Dr. D. Y. Patil Vidyapeeth, Pune as a resource person to share her knowledge and expertise in the said topic. She talked about the Strain Improvement in fermentation process. She discussed with students about the methods of strain improvements and how these methods are important in improving the fermentation yield. She explained students how in the recent years, rDNA technology is becoming important for making products which otherwise we were not able to prepare using microorganisms.. She also threw light on application of rDNA technology in Insulin production. Lastly she urged & motivated students to come forward & work in the field Strain Improvement. All faculty of Microbiology departments were present for a lecture. Anchoring of the program was done by Dr. Nita Patil by welcoming the honourable guest, teachers and students. Introduction of the guest was done by Ms. Hemlata V. Sonawane. Mrs. Hemlata Sonawane also delivered vote of thanks.


Head
Department of Microbiology
Waghire College, Saswad


Co-Ordinator
DBT- STAR College


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Waghire College, Saswad
Tal. Purandar, Dist. Pune.



Pune District Education Association's

Estd. 1972

Waghire College of Arts, Commerce and Science

Saswad, Tal. Purandar, Dist. Pune, Pin-412301.

Affiliated to Savitribai Phule Pune University | Re-accredited at the 'B++' grade (CGPA 2.67) by NAAC

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|| Ph. : (02115) 222524 || Fax : (02115) 222472 || E-mail : wc_saswad@pdeapune.org || www.pdea-wcs.org

Outward No. : WCS / 559 / 21-22

Date : 26 / 10 / 2021

President
Ajit Pawar

Vice President
Rajendra Ghadge

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Senate Member
Savitribai Phule Pune University, Pune

Treasurer
Adv. Mohanrao Deshmukh

Dy. Secretary
L. M. Pawar

Principal
Dr. Sushama Bhosale

To :

Dr. Neelu Nawani

Professor and Incharge of Microbial Diversity Research Centre,

Dr. D. Y. Patil Biotechnology and Bioinformatics Institute,

Dr. D. Y. Patil Vidyapeeth, Pune.

Subject: Invitation as Guest lecturer under DBT Star College Scheme

Dear Madam,

It is an immense pleasure to invite you as a guest lecturer to deliver a talk on "Recombinant DNA technology". This lecture is arranged for our T.Y.B.Sc. microbiology student. Your lecture would be very useful for these students to understand the concepts of Recombinant DNA. As per your telephonic conversation with Ms. H. V. Sonawane madam we have scheduled the lecture on Saturday 30th Oct 2021 at 1.30pm., hope that will be fine with you.

We will be sending you Google meet link for the talk in time on 30th Oct 21.

Thanks and Regards


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Waghire College, Saswad
Tal. Purandar, Dist. Pune.

PDEA's

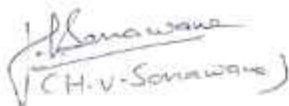
Waghire College, Saswad


Department of Microbiology

Notice

Date: 29/10/2021

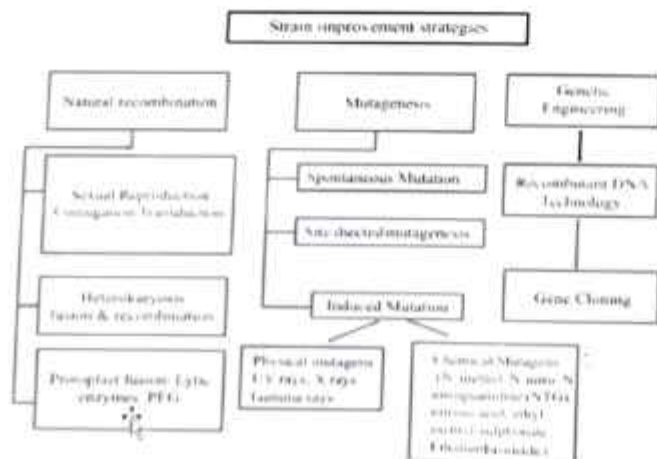
All the T.Y.B.Sc Microbiology students are hereby informed that under DBI Star College Scheme, an online lecture series is organized by the department. Under this series a guest lecture is arranged on Saturday 30th October 2021 at 1.30 pm and will be delivered by Dr. Neelu Nawani from Dr. D. Y. Patil Biotechnology and Bioinformatics Institute, Pune on topic "Recombinant DNA technology". This lecture will be very useful to you all as it is based on your T.Y.B.Sc Microbiology curriculum and it will help you to understand concept of rDNA techniques. The Google meet link for the same will be provided to you 15 min. before the beginning of lecture.


(C.H.V. Sawane)


29/10/2021
PRINCIPAL
Waghire College, Saswad
Tal. Purandhar, Dist. Pune.



METHODS OF STRAIN IMPROVEMENT



H. Kulkarni
Head

Department of Microbiology
Waghire College, Jalgaon



P.D.E.A'S
Waghire College of Arts Commerce and Science, Saswad
Tal-Purandar, Dist-Pune
Department of Chemistry

Online Guest Lecture-II
On

"GRAVIMETRIC ANALYSIS"

Under

DBT Star College Scheme (2020-21)

Guest speaker: **Dr. K.M. Gadhave** (Associate Professor, Department of Chemistry,
Ramakrishna More College, Akurdi, Pune).


It is with great pride and pleasure that we announce that our college has received strengthening grant under DBT STAR scheme. This Guest Lecture was organized by Department of chemistry under DBT STAR scheme of the college during academic year 2020-21" on 08th January 2021, at 10.00 - 11.00 AM on "Gravimetric Analysis".

In this lecture student learns what is analysis, what are the different types of chemical analysis and Gravimetric analysis in details. Gravimetric analysis that is one of the best quantitative method of chemical analysis in the field of chemical sciences. During this Lecture our resource person Dr. K.M. Gadhave Sir has given very informative and interactive lecture in detail on Gravimetric Analysis. Sir has covered various aspects of gravimetric analysis such as


- Steps involved in gravimetric analysis
- Common ion effect
- Solubility and solubility products
- Completion of precipitation
- Formation of complex ion
- Factors affecting on solubility of precipitation
- Super-saturation and precipitate formation
- Purity of the precipitate
- Conditions for good precipitation.


For this online Guest Lecture 21 UG student were presents. All heads of concern departments and staff were present during this lecture. Many students and teachers have been



asked questions to Dr. K.M. Gadhave Sir and they have cleared their doubt. He guided well for the same. Anchoring and introduction of the Guest done by Dr. M.M. Jagtap. Lastly vote of thanks is given by Dr. Sandip Rathod.

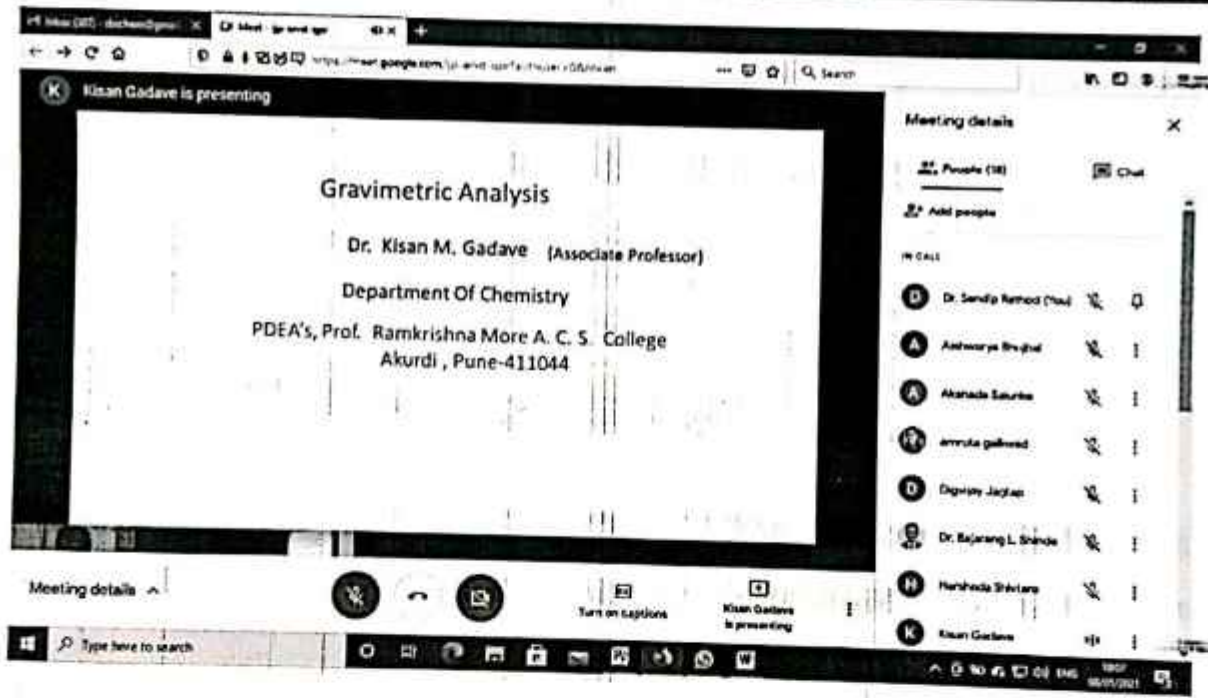
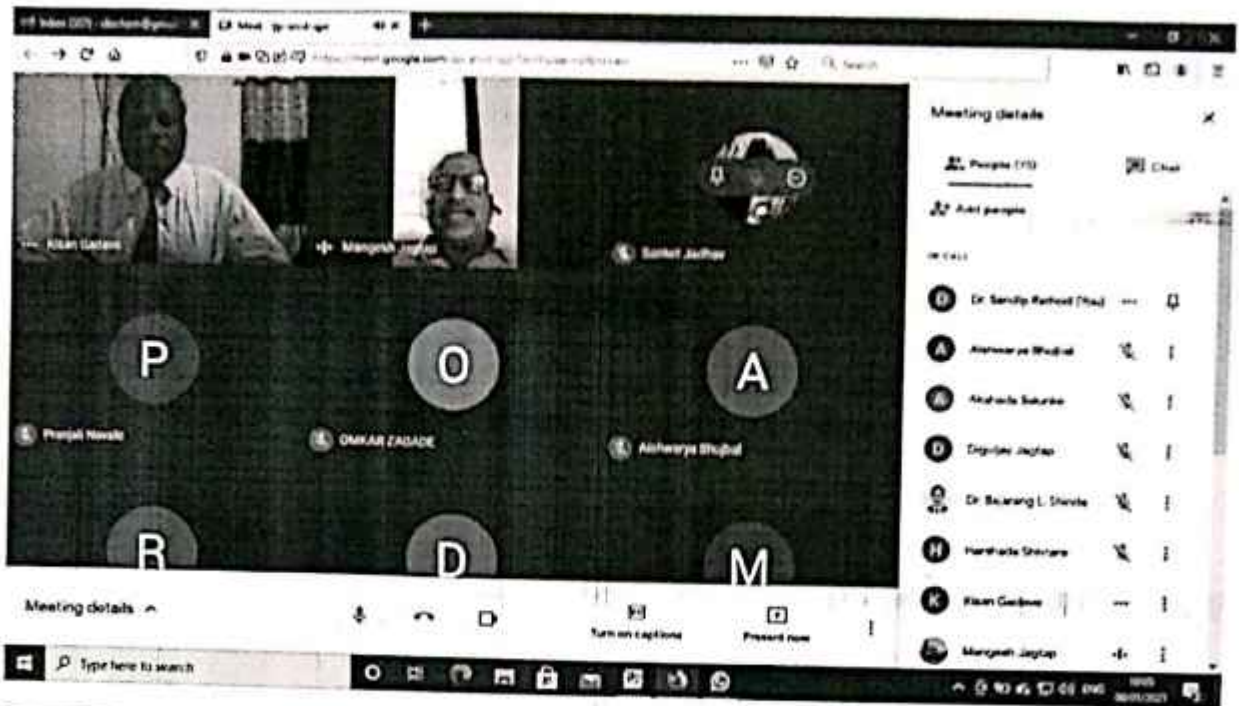

Dr. Rathod S.B.
Activity Co-ordinator


Dr. Vidya Patankar
DBT-STAR Co-ordinator
DBT- STAR College


Dr. Mangesh Jagtap
Head, Department of Chemistry
HEAD
Department of Chemistry
Waghire College, Saswad,
Dist. Pune.


Dr. Sushama Bhosale
Principal
PRINCIPAL
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.


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Waghire College of Arts, Commerce and Science, Saswad
Tal: Purandar, Dist: Pune- 412 301
DBT-STAR College Scheme - (2020-2021)
Guest Lecture - II (08th JAN-2021)
On
"GRAVIMETRIC ANALYSIS"
Guest of Honor
Dr. K.M. Gadhave
Associate Professor
Ramakrishna More College, Akurdi, Pune.
Organized By
DEPARTMENT OF CHEMISTRY
Prof. Sunil Dhorge
Head & Vice Principal

Dr. Sushama Bhosale
Principal



Kisan Gadave is presenting

Recap-

- Definitions of-
- 1. Gravimetric Analysis
- 2. Qualitative and quantitative Analysis
- 3. Strong and weak electrolyte
- 4. Degree of dissociation
- 5. Solubility
- 6. Common ion effect
- 7. Complex ion formation

Meeting details

People (19) Chat

Add people

IN CALL

- Dr. Sanjay Rathod (You)
- Ashwarya Bhujal
- Alonada Sakshita
- anvita galwadi
- Diprity Jagtap
- Dr. Bijayang L. Shinde
- Harshada Shivare
- Kisan Gadave

Type here to search

Kisan Gadave is presenting

Chunk 1: Steps involved in the Gravimetric Analysis:-

- A) Preparation of sample solution and dilution
- B) Precipitation
- C) Digestion
- D) Filtration
- E) Washing of The Precipitate
- F) Drying of the Precipitate
- G) Incineration or Ignition of the Precipitate
- H) Weighing of the precipitate and Calculations

Meeting details

People (19) Chat

Add people

IN CALL

- Dr. Sanjay Rathod (You)
- Ashwarya Bhujal
- Alonada Sakshita
- anvita galwadi
- Diprity Jagtap
- Dr. Bijayang L. Shinde
- Harshada Shivare
- Kisan Gadave

Type here to search

Kiran Godave is presenting

The comparison of Ionic Product and Solubility Product

$I.P. = K_{sp}$
The solution is saturated and no precipitation takes place

$I.P. < K_{sp}$
The solution is unsaturated and no precipitation takes place


Meeting details

People (10)	Chat
Pratik Kumar	1
Dr. Ramesh L. Shinde	1
Harshada Shrivastava	1
Kiran Godave	1
Kiran Godave (Moderator)	1
Kunal Godhale	1
Mangesh Jadhav	1
Omkar Chavhan	1
CAJAY JAYALAKSHI	1
Pratik Nandani	1

Type here to search

Kiran Godave is presenting

A. Preparation of sample solution and Dilution :-
sample solution first diluted to known volume



B. Precipitation: -
Known volume of diluted solution taken in a beaker and slowly add drop by drop precipitating reagent till complete precipitation.

Meeting details

People (10)	Chat
Add people	
Dr. Sanjay Kishor Thakur	0
Anshuman Shinde	1
Anshika Solanki	1
Arvut Joshi	1
Shreyashree Chavan	1
Diprity Jadhav	1
Dr. Ramesh L. Shinde	1
Harshada Shrivastava	1

Type here to search

Kisan Gadave is presenting

4. Factors Affecting on solubility of Precipitation :-

1. Effect of Acids on the Solubility of Precipitate:-

$$MA \rightleftharpoons M^+ + A^-$$

Salt of Weak acid

$$i.e. CaC_2O_4 \rightleftharpoons Ca^{2+} + C_2O_4^{2-}$$

HCl is added to it, H^+ ions of HCl will combine with A^- will be removed more and more from MA to form almost undissociated HA (i.e. say $H_2C_2O_4$)

$$H^+ + A^- \rightleftharpoons HA$$

Acidity increases solubility increases

Meeting details

People (17)

Add people

In Call

- Dr. Sandip Rathod (You)
- Anshwarya Bhargal
- Atanada Saurab
- amruta gahwal
- Anvita Borkar
- Rhagshree Charnad
- Digvijay Jagtap
- Dr. Rajaraj L. Shrivastava

Type here to search

Kisan Gadave is presenting

The choice of washing solvent :-

1. Solution Which prevent the precipitate from becoming colloidal and passing through the filter paper
2. Solutions which reduce the solubility of the precipitate
3. Solutions which prevent the hydrolysis of salts of weak acids and bases:-

Meeting details

People (20)

Chat

- Mangesh Jagtap
- Megha Chavare
- OMKAR ZAGADE
- pranavulkarni
- Preraj Navale
- Pratik Marothare
- Raghu Rama Thombare
- Rutuja Yadav
- Sanket Jadhav
- Sunil Chorge

Type here to search



S.B.
 Dr. Rathod S.B.
 Activity Co-ordinator

Vidya
 Dr. Vidya Patankar
 DBT-STAR College
 DBT-STAR College

M. Jagtap
 Dr. Mangesh Jagtap
 Head, Department of Chemistry
HEAD
 Department of Chemistry
 Waghire College, Saswad
 Dist. Pune.

Sushama
 Dr. Sushama Bhosale
 Principal
PRINCIPAL
 Waghire College, Saswad,
 Tal. Purandar, Dist. Pune.

PDEA'S

Waghire College of Arts, commerce and Science, Saswad,

Department of Zoology

"Guest Lecture on AIDS/ HIV"

Organized by Zoology Department under the DBT- STAR College Scheme
1st December, 2022

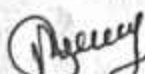
The Department of Zoology had organised a guest lecture on "World AIDS Day" on 1st December, 2022. The guest lecture was organized to create awareness amongst students with regards to HIV/AIDS under the DBT- STAR College scheme. For this lecture, eminent guest speaker Dr. Balkrishna Kamble, Assistant Director of Health Services, Joint Director of Health Services, Malaria, Filariasis and Water borne Diseases, Indira Nagar, Phulenagar, Yerawada, Pune, Maharashtra 411006 was invited.



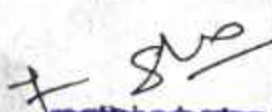
Dr. Balkrishna Kamble discussed symptoms of HIV/ AIDS

On 1st December, 2022, Dr. Balkrushna Kamble mentioned that, HIV (human immunodeficiency virus) is a virus that attacks the body's immune system. If HIV is not treated, it can lead to AIDS (acquired immunodeficiency syndrome). There is currently no effective cure. Once people get HIV, they have it for life. But with proper medical care, HIV can be controlled. People with HIV who get effective HIV treatment can live long, healthy lives and protect their partners. He emphasized that people with AIDS or other major health issues can be prone to contract corona disease. So, HIV infected people need to be cautious and avoid getting corona infected during COVID-19. He also said COVID-19 Vaccine are safe for HIV infected people. Through the Lecture series, 37 F.Y. and S.Y. students were benefitted.


Depart. Co-ordinator


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Dept. of Zoology
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.


DBT-Scheme Co-ordinator
DBT-STAR College


PRINCIPAL
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

SYBSC
"Guest lecture on AIDS/HIV" Sign

11/12/22

- | | |
|-----------------------------------|------------------------------|
| 1) Pooja Lalaso | <u>Pooja Lalaso</u> |
| 2) Tanuja Rajendra | <u>Tanuja Rajendra</u> |
| 3) Gaikwad Shreya Shrikrushna | <u>Gaikwad Shreya</u> |
| 4) Katakke Ankito Santosh | <u>Katakke Ankito</u> |
| 5) Kalake Vishakha Rajendra | <u>Kalake Vishakha</u> |
| 6) Kalake Sakshi Maruti | <u>Kalake Sakshi</u> |
| 7) VedPathak Nikita Subhash | <u>VedPathak Nikita</u> |
| 8) Shinde Rajgauri Pandurang | <u>Shinde Rajgauri</u> |
| 9) Kumbhat Vaishnavi Dnyaneshwar | <u>Kumbhat Vaishnavi</u> |
| 10) Mahajan Shivani Jitendra | <u>Mahajan Shivani</u> |
| 11) Godase Pradnya Ramesh | <u>Godase Pradnya</u> |
| 12) Prajapati Manisha Gopal | <u>Prajapati Manisha</u> |
| 13) Phadatarze Aditi Sunil | <u>Phadatarze Aditi</u> |
| 14) Kapare Sakshi Hindurav | <u>Kapare Sakshi</u> |
| 15) Jantoo Kranti Dayanand | <u>Jantoo Kranti</u> |
| 16) Shinde Sweety Ramesh | <u>Shinde Sweety</u> |
| 17) Yadav Omkar Arun | <u>Yadav Omkar</u> |
| 18) Abhishek Rajendra Mhetre | <u>Abhishek Rajendra</u> |
| 19) Raskar Mayuresh Nandkumar | <u>Raskar Mayuresh</u> |
| 20) Hole Nandu Ratnakar | <u>Hole Nandu</u> |
| 21) Kolate Atharou Sachin | <u>Kolate Atharou</u> |
| 22) Lelkavale mahash Sanjay | <u>Lelkavale mahash</u> |
| 23) Hole. Nitin. Rohidas | <u>Hole. Nitin. Rohidas</u> |
| 24) Kamthe mayur ragunath | <u>Kamthe mayur</u> |
| 25) Gaikwad Piyush Vasant | <u>Gaikwad Piyush</u> |
| 26) Roman omkar Sandip | <u>Roman omkar</u> |
| 27) Ranjane Ajay Maruti | <u>Ranjane Ajay</u> |
| 28) Bankar Karishma Dattatray | <u>Bankar Karishma</u> |
| 29) Tekawade Dnyaneshwari Baburao | <u>Tekawade Dnyaneshwari</u> |
| 30) Pawar Shivani Chandrakant | <u>Pawar Shivani</u> |
| 31) Ahire Mansi Sunil | <u>Ahire Mansi</u> |
| 32) Shinde Poorva Satish | <u>Shinde Poorva</u> |
| 33) Chavan Shrutti Subhash | <u>Chavan Shrutti</u> |
| 34) Patole Shital Ravindra | <u>Patole Shital</u> |



P.D.E.A'S

**Waghire College of Arts Commerce and Science, Saswad
Tal-Purandar, Dist-Pune
Department of Chemistry**

**Online Guest Lecture series-II
Under**

DBT Star College Scheme (2020-21)

8th February 2021 to 13th February 2021

By

- Guest speaker:**
- 1) Dr. Satyanarayana Sirasani** (Former Vice- Chancellor, Osmania University, Hyderabad.). (8th February 2021)
 - 2) Dr. Rohan Kunkalekar** (Assistant Professor, University of Goa) (10th February 2021)
 - 3) Dr. Yusufi Mujahid Anwar** (Associate Professor, Abeda Inamdar Senior college, Pune) (11th February 2021)
 - 4) Dr. Vandan Ghule** (Technical Officer, VSI Pune) (13th February 2021)

It is with great pride and pleasure that we announce that our college has received strengthening grant under DBT STAR scheme. This Guest Lecture was organized by Department of chemistry under DBT STAR scheme of the college during academic year 2020-21" From 08th February 2021 to 13th February 2021 at 11.00 - 12.00 noon on

The First online guest lecture was delivered by Dr. Satyanarayana Sirasani , Former Vice-Chancellor, Osmania University, Hyderabad on 8th February 2021 at 11:00 am to 12:00 noon. In this lecture student learns General Introduction to Spectroscopy, Types of Spectroscopic techniques available for structure elucidation of chemical compounds, Electromagnetic Radiation and their specific ranges, in a particular region of spectroscopic techniques which type of changes associated with the molecules, intensity of spectral lines including Transition probability, Path length of sample, Population of energy states. After this basic introduction

the UV-Visible Spectroscopy, FT-IR Spectroscopy and NMR spectroscopy discussed in details. Students learn lot of information regarding the spectroscopic techniques From UV visible spectroscopy students are able to find out λ_{max} at a particular wavelength. Students learns the vibrational – rotational spectra of Chemical Compounds, How to identify the functional group present in the compound with the help of FT-IR spectroscopy. The students understands, basic principles of NMR spectroscopy, and its importance in understanding of chemical environments of carbon containing Hydrogen. For this online guest lecture 50 students were presents and actively participated in lecture. The Dr. M.M. Jagtap head of department of chemistry, introduce the resource person and lastly vote of thanks is presented by Dr. S.B. Rathod

The second lecture was delivered by Dr. Rohan Kunkalekar, From Department of Chemistry, University of Goa on "Solid state Chemistry" on the 10th February 2021. In this lecture various aspects of Solid State chemistry were covered and students learns about difference between Crystalline Solid, Amorphous solid, Properties of crystals, Crystal systems, Crystal Lattice and unit cell, simple cubic crystal lattice and total no. of atoms per unit cell, Body centered lattice and total number of atoms per unit cell, Face centered lattice and calculation of total number of atoms per unit cell. Details of calculation of radius ratio of cation and anions for this guest lecture near about 64 students are present. The Prof. N.R. Kamble introduces the resource person and lastly vote of thanks is presented by Dr. S.B. Rathod.

The third online guest lecture was delivered by Dr. Yusufi Mujahid Anwar, from department of chemistry, Abeda Inamdar Senior, College, Pune on the topic "Career Opportunities in Chemical Sciences on 11th February 2021 at 11:00 am to 12:00 noon. In this lecture students are aware about various carrier opportunities and scope is available in the field of chemical sciences such as Chemical industries, pharmaceutical industries, Research opportunities, Education Fields, etc. in addition to that students are motivated and guided for various M.Sc. Courses in different fields of chemistry Physical Chemistry, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Industrial Chemistry, Nuclear Chemistry, Polymer chemistry and so many. For this lecture 100 students are presents and asked the questions to resource persons and cleared their quires. Also, students were aware about NET, SET, and Ph.D and M.Phil programmes are available after completion of Master degree in chemistry. The Dr. B.L. shinde introduces the resource person and lastly vote of thanks is presented by Prof. N.R. Kamble.

The fourth online guest lecture was delivered by Dr. Vandan Ghule, Technical Officer, From VSI, Pune on the topic "Fermentation Technology" on 13th February 2021 at 11:00 am to 12:00 noon. In his talk students learns lot of things related to fermentation technology. In this lecture various aspects are covered starting with Chemical changes associated with various processes, Application of Chemistry, Bio-fules, Classification of Biomolecules, Bioplastics synthesis, Concept of Green Chemistry, Biochemistry, Fermentation Technology, benefits of fermented foods, Beverage productions and role of chemistry and microbiology, wine making technology, role of chemistry in identification of tests etc. In addition to that, students are motivated and aware about the carrier opportunities available in the field of Fermentation technology and alcohol technology. Students learn about the bio-fules a hot and alternative

topic of recent trends. For this lecture near about 100 students are presents. All heads of concern departments and staff were present during this lecture. Many students and teachers have been asked questions to Dr. Vandan Ghule Sir and they have cleared their doubt. He guided well for the same. Anchoring and introduction of the Guest done by Dr. M.M. Jagtap. Lastly vote of thanks is given by Dr. Sandip Rathod.

Dr. S.B. Rathod
Dr. S.B. Rathod
Activity Co-ordinator

[Signature]
Dr. M.M. Jagtap
Head
HEAD
Department of Chemistry
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Dr. V.V. Patankar
Co-ordinator
DBT- STAR College

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Dr. Sushama Bhosale
Principal
PRINCIPAL
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.



Dr. Vandan Ghule, Technical Officer, VSI Pune.



Yusufi Mujahid is presenting

Important Attributes for Job

- Good Academic Record
- High Ethical Standards
- Knowledge and Skills
- Soft Skills (Communication and Computer)
- Hard Work and Dedication
- Team Player
- Positive Attitude
- Anger Management

Meeting details

People (14)

Add people

IN CALL

- Dr. Bajrang L. Shi... (you)
- Ashwarya Bhujbal
- Akash sawant
- akshata jadhav

Turn on captions

Yusufi Mujahid is presenting

attendance 02-11..._cgv

Yusufi Mujahid is presenting

IndianOil

Latest Job Openings

Meeting details

People (15)

Add people

IN CALL

- Dr. Bajrang L. Shi... (you)
- Ashwarya Bhujbal
- Akash sawant
- akshata jadhav

Turn on captions

Yusufi Mujahid is presenting

attendance 02-11..._cgv

Meeting details

Dr. Rohan Kulkalekar Dept of Chemistry is presenting

People (47)

Chat

Add people

IN CALL

- Dr. Sandip Rathod (You)
- Anshwara Bhujpal
- Ajay Ashang
- Ajay Jadhav
- Ajit Hingwane
- Akash Chawars

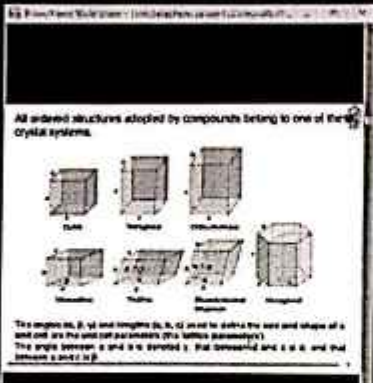
Meeting details

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Dr. Rohan Kulkalekar Dept of... is presenting

11:18 15/12/2021

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Meeting details

Dr. Rohan Kulkalekar Dept of Chemistry is presenting

People (47)

Chat

Dr. Dejaning L. Shinde

Dr. Rohan Kulkalekar D...

Dr. Rohan Kulkalekar D... Presentation

Chodage Kamal

Komal Subhakar

Lasman Sawant

Mangesh Juyap

Mona Kumar

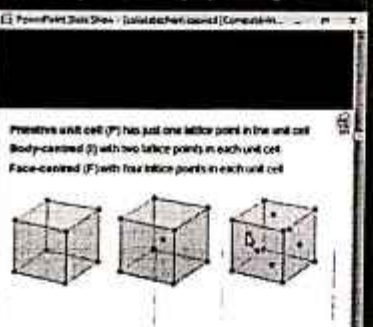
Meeting details

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Dr. Rohan Kulkalekar Dept of... is presenting

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Electronic Energy Levels

The energy increases order for electrons for different transitions is as follows

$n=2 \rightarrow n=1$ $n=3 \rightarrow n=1$ $n=3 \rightarrow n=2$ $n=4 \rightarrow n=1$
 $n=4 \rightarrow n=2$ $n=4 \rightarrow n=3$

$n=2 \rightarrow n=1$ requires lowest energy while $n=3 \rightarrow n=1$ requires highest amount of energy.

Meeting details: People (14), Chat, President Change, Prof. Shrawan Satyanarayana, Rishabh Dhruwal, Rohan Dhruwal, Rohit Gadekane, Rukar Shrinour.

Dr. Rohan Kunkalekar, University of Goa

Structures of solids

Arrangement of atoms or ions in simple solid structures represent by hard spheres.

Metallic solids represent neutral atoms because each cation is still surrounded by its full complement of electrons.

Spheres used to describe ionic solids represent the cations and anions because there has been a substantial transfer of electrons from one type of atom to the other.

Crystal regarded as constructed from regularly repeating structural elements, atoms, molecules, or ions.

Meeting details: People (49), Chat, Add people, IN CALL: Dr. Sandip Ramesh Thakur, abc Kamble, Akshaya Dholal, Ajay Jadhav, Ajit Hegavane, Akshada Salunke.

Yusuf Mujahid is presenting

Research Benefits

- Job at a higher level in various chemical and pharmaceutical industries.
- Start the career as a Scientist in various research institutes like IISER, NCL, NIV etc.
- Join as a teacher in various colleges and universities to teach undergraduate and post graduate classes.

Meeting details

People (10)

- Yusuf Mujahid
- Pragati Butar
- Mangesh Jagtap
- Yusuf Mujahid
- Vishal Chavhan
- Yusuf Mujahid
- Yusuf Mujahid
- Yusuf Mujahid
- Yusuf Mujahid
- Yusuf Mujahid

Turn on captions Yusuf Mujahid is presenting

Yusuf Mujahid is presenting

- Junior College XI and XII Class
- M.Sc. (B.Ed.)
- B.Ed. Entrance Examination (<http://cetcell.mahacet.org/>)
- There are 150 Junior Colleges (Aided and Unaided) in Pune offering XI and XII Science.

Meeting details

People (10)

Add people

MEET

- Dr. Bhaeraj L. S.N. Poud
- Arshad Jachar
- Amit Chacher
- Amit Dongar
- Yusuf Mujahid
- Hina Maner
- Majid Jadhav

Turn on captions Yusuf Mujahid is presenting

Dr. Rohan Kulkalekar Dept of Chemistry is presenting

Meeting details

People (40)

- Dr. Sandip Rathod (You)
- Aishwarya Shubal
- Ajay Jadhav
- Ajit Hapane
- Akash Dhanore
- Akhada Satulke
- Chiranj Harbir
- Dr. Bejarang L. Shinde

PowerPoint Slide Show - (download from teacher) (Computer)

ABAB...system of layers - tetragonal close-packed (t.c.p.)

ABCABC...system - cubic close-packed (c.c.p.) referred to as face-centred cubic (f.c.c.)

Meeting details

Turn on captions

Dr. Rohan Kulkalekar Dept of... is presenting

Dr. Rohan Kulkalekar Dept of Chemistry is presenting

Meeting details

People (37)

- Dr. Sandip Rathod (You)
- Aishwarya Shubal
- Ajay Jadhav
- Ajit Hapane
- Akash Dhanore
- Akhada Satulke
- Ashay Shinde
- Dr. Bejarang L. Shinde

PowerPoint Slide Show - (download from teacher) (Computer)

Cubic close-packed

Let 'a' be the edge length of the unit cell and 'r' be the radius of sphere

Volume of cube = a^3

No. of spheres per unit cell = $8 \times \frac{1}{8} + 6 \times \frac{1}{2} = 4$

In right angle ΔABC , $AC^2 = AB^2 + BC^2$
 $AC^2 = a^2 + a^2 = 2a^2$
 $AC = \sqrt{2}a$

Also, $AC = 4r$
 Therefore, $4r = \sqrt{2}a$ or $r = \frac{\sqrt{2}a}{4}$

Volume of 4 spheres = $4 \times \frac{4}{3} \pi r^3 = \frac{16}{3} \pi r^3$

Ratio of volume occupied to total volume = $\frac{4 \times \frac{4}{3} \pi r^3}{a^3} = \frac{16}{3} \pi \left(\frac{\sqrt{2}a}{4}\right)^3 \div a^3$

Thus volume occupied in c.c.p. arrangement = 74.04%

Meeting details

Turn on captions

Dr. Rohan Kulkalekar Dept of... is presenting

Dr. Yusufi Mujahid Anwar

Meet - No chapter

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Vandan Ghule is presenting

CHEMICAL CHANGES

Meeting details

People (95)

Chat

Add people

IN CALL

- Dr. Sandip Ramesh (You)
- Aishwarya Jagtap
- Ajay Jadhav
- Akhil Jadhav
- Ashay Shinde
- Arvi Chacher

Meeting details

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Turn on captions

Vandan Ghule is presenting

11:12 11/20/2021

Meet - No chapter

https://meet.google.com/fuo-rbuj-ki?ip=1&authuser=1

Vandan Ghule is presenting

CLASSIFICATION OF BIOMOLECULES

Anabolic - complex molecules from smaller inorganic or organic substances

Catabolic - complex molecules broken to smaller fragments

Meeting details

People (100)

Chat

Add people

IN CALL

- Dr. Sandip Ramesh (You)
- Aishwarya Jagtap
- Ajay Jadhav
- Akash Sawant
- Akhil Jadhav
- Ashay Shinde

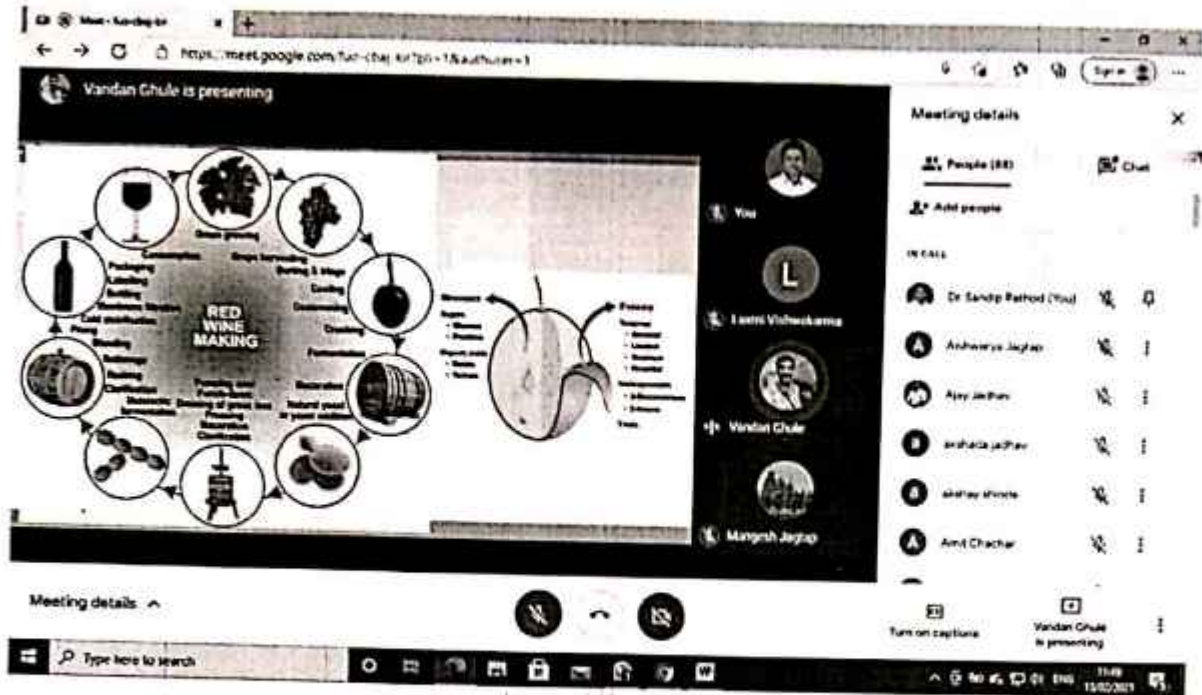
Meeting details

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Turn on captions

Vandan Ghule is presenting

11:13 11/20/2021



Dr. S.B. Rathod
Dr. S.B. Rathod
 Activity Co-ordinator

Dr. M.M. Jagtap
Dr. M.M. Jagtap
 Head
HEAD
 Department of Chemistry
Department of Chemistry
 Waghire College, Saswad,
 Dist. Pune.

Dr. V.V. Patankar
Dr. V.V. Patankar
 Co-ordinator
Co-ordinator
 DBT-STAR College

Dr. Sushama Bhosale
Dr. Sushama Bhosale
 Principal
PRINCIPAL
 Waghire College, Saswad,
 Tal. Purandar, Dist. Pune.

PDEA's Waghire College, Saswad
Department of Zoology

Report on Guest Lecture on International Day of Women and Girls in Science
organised under the DBT- STAR College Scheme
11th February, 2022

A Guest lecture was conducted by the Zoology department of Waghire College on 11th February, 2022 titled "Role of Indian Women and Girls in Science" under the DBT-STAR College scheme. Eminent guest speakers Dr. Anupama Walwalkar and Ms. Vaibhavi Sutaone spoke on the topic

The International Day of Women and Girls in Science, celebrated on 11th February, 2022 is implemented by UNESCO in collaboration with institutions and civil society partners that aim to promote women and girls in science. This Day is an opportunity to promote full and equal access to and participation in science for women and girls.


Dr. Anupama said, for the first time in India's history, a space mission is being led by



two women scientists of Indian Space Research Organisation (ISRO). More than 100 women played a direct and significant role in making soft-landing on the lunar South Pole possible. She explained that, gender equality is a global priority for UNESCO, and the support of young girls, their education and their full ability to make their ideas heard are levers for development and peace. Dr. Anupama Walwalkar, also cited the examples of important women scientist of India like Dr Tessy Thomas; Rocket Woman of India- Ritu Karidhal; Deputy Project Director of Chandrayaan-3- Kalpana K. She also said that recently the Prime Minister of India highlighted the significant contributions of female scientists and engineers towards the Chandrayaan-3 mission.

Ms Vaibhavi Sutaone emphasised the Significance of Women Participation in STEM. STEM is abbreviation for four closely connected areas of study – Science, Technology, Engineering and Mathematics. She said the participation of women in STEM can lead to increase in Economic growth, Gender Diversity, Targeted interventions, Inclusivity, Improved decision making, Achieving SDGs. Through the Lecture F.Y. and S.Y. students were benefitted.


Dept. Co-ordinator


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Dept. of Zoology
Waghire College, Saswad,
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DBT Scheme Coordinator
CO-ORDINATOR
DBT-STAR College


Principal
PRINCIPAL
Waghire College, Saswad,
Tal. Purandar, Dist. Pune

- shinde Ashwini Ramdas Ashinde.
- shinde Jyoti Tanaji Jinde.
- 3) Nale Supriya Subhash -Santosh
- 4) Katke Sanika Devidas Katke
- 5) Pise Anushka Santosh Pise.
- 6) Shendkar Pradaya Vishwash. Fednya
- 7) Jagtap Neha Shantaram Neha
- 8) Thikole Teuphi Anna Thikole
- 9) Mane Srushti Ajit Anane
- 10) Thopate Ravina Rohidas Thopate.
- 11) Takawale Mayuri Shrirang M.S. Takawale
- 12) Kapare Priti Kailas Pkapare
- 13) Shendkar Tejal Bhanudas Shendkar
- 14) Botse Neha Namdev Botse
- 15) Pawar Sakshi Nandkumar Pawar
- 16) Tanwade Siddhi Dattatray Tanwade.
- 17) T Kolte Tanuja Vikas Kolte.
- 18) Pawar Vaishnavi Vishwas V.V. Pawar.
- 19) Girme Sakshi Shivaji Girme
- 20) Chivhe Vaishnavi Dashrath Chivhe.
- 21) Tilekar Snehal Ravindra Snehal
- 22) Deshpande Anagha Umesh Deshpande
- 23) Gaikwad Rutuja Subhash Gaikwad
- 24) Kamthe Vaishnavi Sambhaji - V.S. Kamthe.
- 25) Kamthe Prathmesh Prakash - Kamthe
- 26) Kapare Yash Arun Kapare
- 27) Band Aniket Salish Aniket.
- 28) Kul Shubham Dadaro Kul
- 29) Memane Saurabh Narayan. Memane.
- 30) Gole Pratik Sanjay Gole
- 31) Pawar Pranav Subhash Pawar.
- 32) Shinde Prashant Pralhad Shinde.

- 33] Chauhan Shailesh Vijay SVC
- 34] Gurus Viraj Vijay Gurus
- 35] Baskode Prasad Balu Baskode
- 36] More Mayur Somnath More
- 37] More Aditya Pandurang More
- 38] Kale Pratik Sanjay Kale
- 39] Rastkar Gaurav Santosh Rastkar
- 40] Kadam Rushikesh Santosh Kadam
- 41] Chavan Kunal Sadachiv Chavan

Guest lecture on International Day of Women & Girls in Science.

BS/1001
Dept. coordinator

M. S. Kulkarni
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Dept. of Zoology
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

Dr. J. S. Patil
DBT Co-Ordinator for
DBT-STAR College

Dr. S. P. Patil
PRINCIPAL
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Tal. Purandar, Dist. Pune.

PDEA'S

Waghire College of Arts Commerce and Science,

Saswad, Tal-Purandar, Dist-Pune

Department of Chemistry

Online Guest Lecture-I

On

“LABORATORY SAFETY”

Under

DBT Star College Scheme

(2020-21)

Guest speaker:

Mr. Hemant Kasat

(Senior Associate)

Synlet Pvt.Ltd.,Pune.

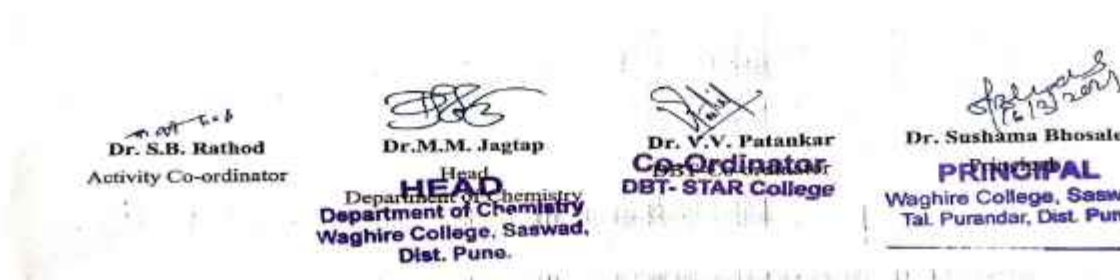
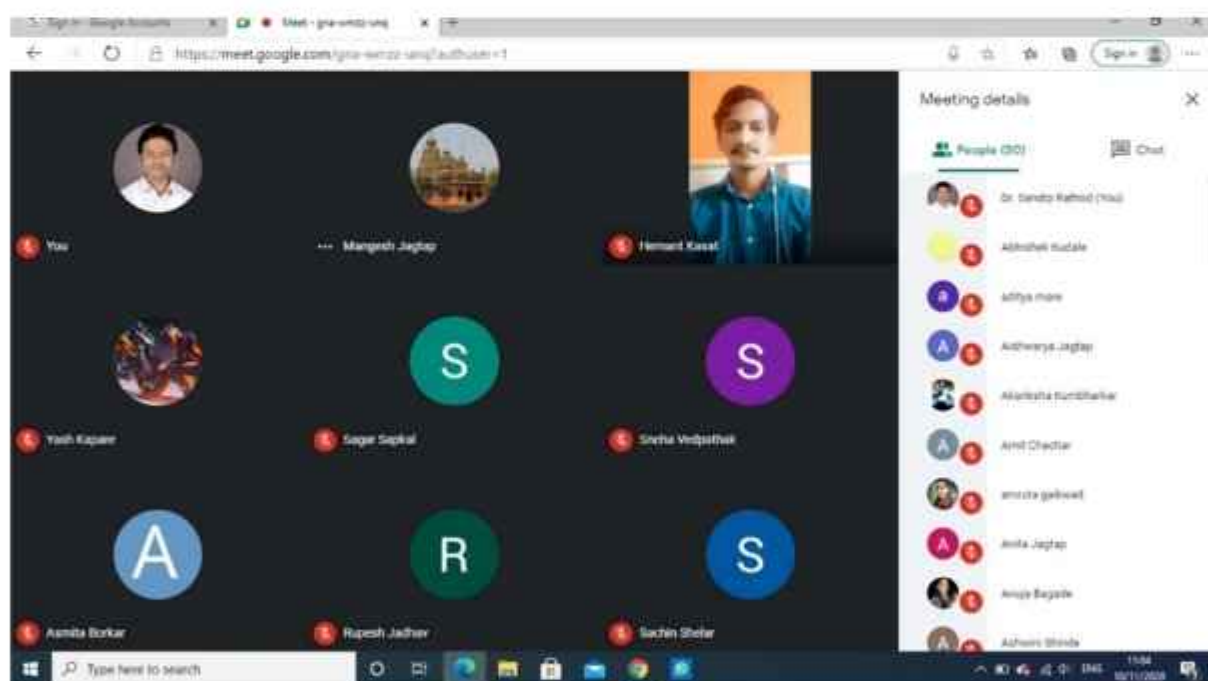
It is with great pride and pleasure that we announce that our college has received strengthening grant under DBT STAR scheme.

This Guest Lecture was organized by department of chemistry under **DBT STAR scheme of the college during academic year 2020-21** on 10th November 2020, at 11.00-12.00 PM on “Laboratory Safety” to aware the students regarding how to works in the laboratory, how to handle the toxic chemical, what kind of precaution is essential while working in chemical i laboratory. During this lecture our honorable guest speaker Mr. Hemant Kasat Sir, who is senior associate, in Synlet Pvt.Ltd., Pune, has given very informative and inractive lecture on “Laboratory Safety”.

For this online Guest Lecture 93 UG student were presents. All heads of concern departments and staff were present during this lecture. Many students and teachers have been asked questions to Mr. Hemant Kasat Sir and they have cleared their doubts. He guided well for the same.

Anchoring and introduction of the Guest done by Dr. M.M. Jagtap. Lastly vote of

thanks is given by Dr. Sandip Rathod.





P.D.E.A'S

Waghire College of Arts Commerce and Science, Saswad

Tal-Purandar, Dist-Pune

Department of Chemistry

“One Day Online Workshop on UV-Visible Spectroscopy”
Under

DBT Star College Scheme (2020-21)

10th March 2021

By

Guest speaker: 1) Prof. Ganesh B Nigade (Assistant Professor, S.G.R.S. College of Pharmacy, Saswad.)

“Learning gives Creativity, Creativity leads to thinking, Thinking provides knowledge, Knowledge makes us Great...It is with great pride and pleasure that, Waghire College of Arts, Commerce and Science, Saswad successfully conducted One Day online workshop on “UV-Visible Spectroscopy” Organised by Department of Chemistry under DBT Star College Scheme On 10th March 2021 at 11:00 am to 02:00 pm. For this one day online workshop Prof. Ganesh Nigade, Assistant Professor, S.G.R.S. College of Pharmacy, Saswad, is invited as a Resource Person and he delivered a very informative talk on “UV-Visible Spectroscopy”.

The workshop is conducted in two sessions. The Session –I is conducted at 11:00 am to 12:00 noon. In the session –I, the following subtopics are covered:

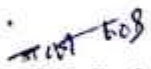
- General Introduction to spectroscopy
- Electromagnetic Radiation and electromagnetic spectrum


- General instrumentation
- Absorption and Emission Spectroscopy
- Introduction and Principle of UV-Visible Spectroscopy.
- Details of Shifts in UV –Visible Spectroscopy
- Chromophore and Auxochrome with suitable examples.
- Different application of UV –Visible Spectroscopy.

The Session –II is conducted at 1:00 Pm to 2:00 Pm. In the session –II , Practical Demonstration is explained in details that is how to use –


- UV-Visible spectroscopy,
- How to calibrate?
- How to prepare the sample?
- How to record the spectra?
- How to interpret the Spectra?
- How to find out the λ_{max} from given spectra.

In this online workshop on UV-visible spectroscopy near about about 100 students has joined. Lastly, the session is open for discussion students and teacher have asked their crucial questions and resource persons cleared their quires with satisfactory answer. This online workshop on UV-Visible Spectroscopy is very much useful for students and teachers to work on UV-Visible spectroscopy. The Prof. Gajendra Aliwale introduced the Guest resource person and lastly vote of thanks is delivered by Dr. S.B. Rathod.


Dr. S.B. Rathod
Activity Co-ordinator


Dr. M.M. Jagtap
Head
Department of Chemistry
HEAD
Department of Chemistry
Waghire College, Saswad,
Dist. Pune.


Dr. V.V. Patankar
Co-Ordinator
DBT- STAR College

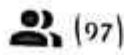

Dr. Sushama Bhosale
PRINCIPAL
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

Principles of Spectroscopy

1. Absorption Spectroscopy:

•An analytical technique which concerns with the measurement of absorption of electromagnetic radiation.

•e.g. UV (185 - 400 nm) / Visible (400 - 800 nm) Spectroscopy, IR Spectroscopy (0.76 - 15 μ m)



Gouri Kadam



Harshada Jagadale



Harshada Shlotare



Ketan Chavan



Kamal Pathan



Electromagnetic Radiation

- Electromagnetic radiation consist of discrete packages of energy which are called as photons.
- A photon consists of an oscillating electric field (E) & an oscillating magnetic field (M) which are perpendicular to each other.



-  *Dr. Sandip Rathod (You)*
-  *Dr. Sandip Rathod* >
-  *Ganesh Nigade* >
-  *Keral Kachare* >

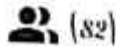
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Beer's Law

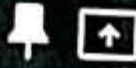
$$A = E.C.I$$

$$T = \frac{I}{I_0} \text{ OR } -\log T = \log \frac{I}{I_0} = A$$

From the equation it is seen that the absorbance which is also called as optical density (OD) of a solution in a container of fixed path length is directly proportional to the concentration of a solution.



Dr. Sandip Rathod (You)



Dr. Sandip Rathod >



Ganesh Nigade >

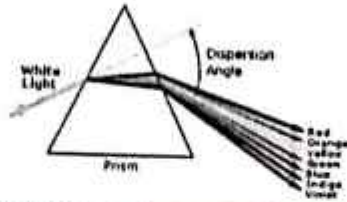


Narendra Kamble >

Also in the meeting (78)



Electromagnetic Radiation



Violet	400 - 420 nm	Yellow	570 - 585 nm
Indigo	420 - 440 nm	Orange	585 - 620 nm
Blue	440 - 490 nm		620 - 780 nm
Green	490 - 570 nm		

(97)



Dr. Sandip Rathod (You)



Dr. Sandip Rathod >



Ganesh Nigade >



Prajakta More >

Also in the meeting (93)



3G 4G 12:21 PM

Auxochrome

e.g. Benzene $\lambda_{max} = 255 \text{ nm}$ c1ccccc1

Phenol $\lambda_{max} = 270 \text{ nm}$ Oc1ccccc1

Aniline $\lambda_{max} = 280 \text{ nm}$ Nc1ccccc1

(71)

Dr. Sandip Rathod (You)

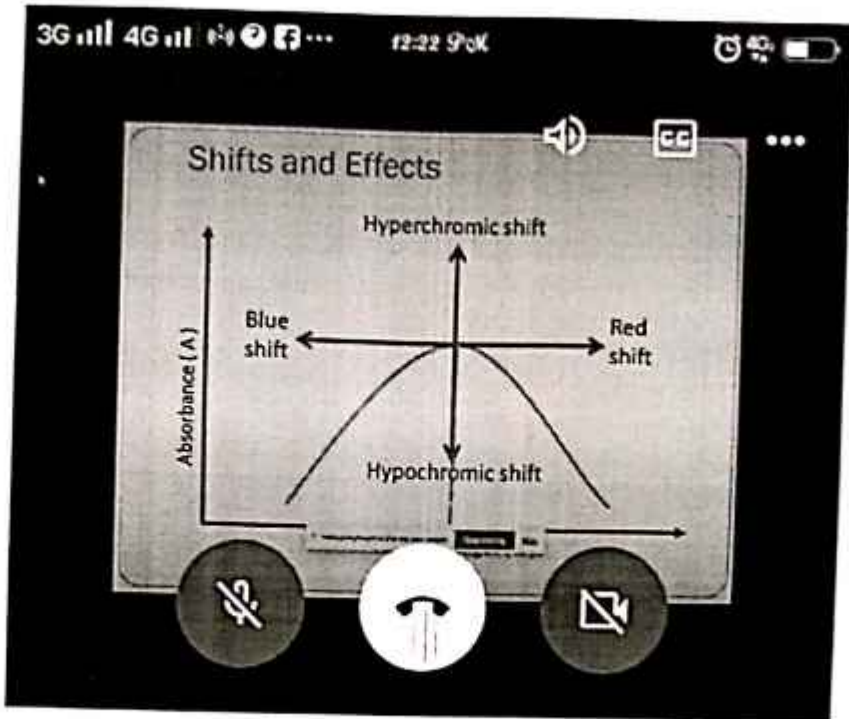
Dr. Sandip Rathod >

Ganesh Nigade >


Prajakta More >

Also in the meeting (67)



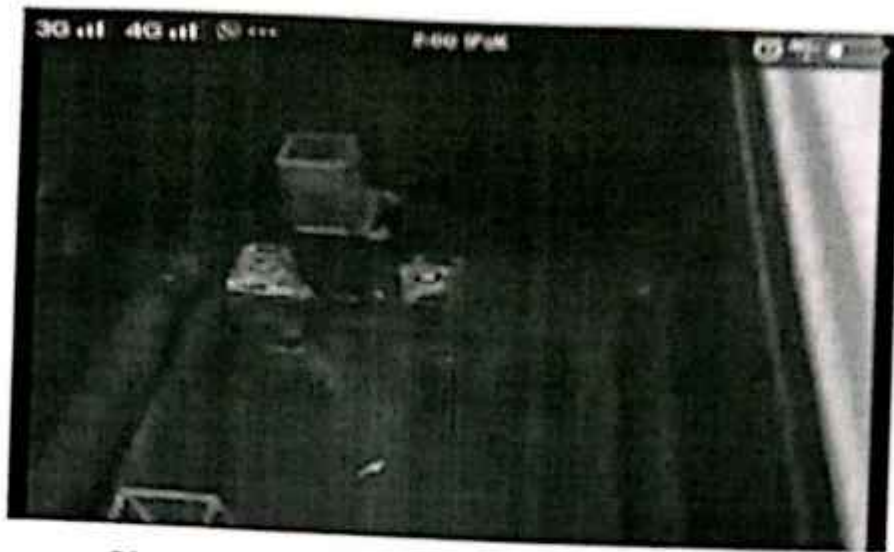


72 [Message Icon] [Info Icon]

- 
Dr. Sandip Rathod (You)
- 
Dr. Sandip Rathod >
- 
Ganesh Nigade >
- 
Prajakta More >

Also in the meeting (68)

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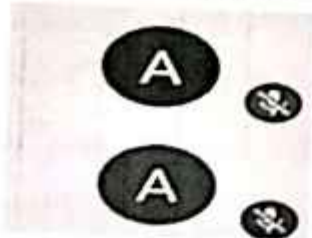
(47)



Surya Khongale >

Ganesh Nigade >

Also in the meeting (43)



Abhijit Bhungade >

Ashwarya Bhujbal >



S.B.
Dr. S.B. Rathod
Activity Co-ordinator

M.M.
Dr.M.M. Jagtap
HEAD
Department of Chemistry
Waghire College, Saswad,
Dist. Pune

V.V.
Dr. V.V. Patankar
Co-ordinator
DBT-STAR College

Sushama
14/3/2021
Dr. Sushama Bhosale
PRINCIPAL
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

PDEA'S
Waghire College of Arts Commerce and Science,
Saswad, Tal-Purandar, Dist.-Pune
(2022-23)

Training Program on
'Isolation, enrichment and enumeration of bacteriophages'
for T.Y.B.Sc. Students

(Under DBT STAR scheme)

The department of Microbiology had organized two days training program for T.Y.B.Sc. Students on 9th and 10th March 2023. It was organized in collaboration with Mahatma Phule College, Pimpri. T.Y.B.Sc. Students are learning about bacteriophages, their isolation and enrichment as a part of their curriculum. The idea behind this training program was that, students of T.Y.B.Sc. class are having this experiment in their practical course II. Enrichment and isolation of bacteriophages is a tricky process, so we arranged an expert in this field to give hands on session to our students. Dr. Sangita Ahiwale is the person in this field who could guide step by step in Bacteriophage cultivation. The novel use of bacteriophages in treating certain infections caused by antibiotic resistant organisms was introduced by our guest. Fifty-four T. Y.B. Sc. students participated in the training session.

On 9th March 2023, in the inaugural function, MS. V. N. Ganvir conducted the ceremony. Smt. H. V. Sonawane introduced the idea of the training program. Dr. Nita Patil introduced guest Dr. Sangita Ahiwale, HOD, Microbiology, Mahatma Phule College, Pimpri. Then Principal Dr. Sushama Bhosale felicitated the guest Dr. Sangita Ahiwale and gave her best wishes for the activity. Ms. Manasi Joshi expressed vote of thanks.

In hands on session, Ahiwale madam and her team mates Ms. Mangal Shinde and Ms. Aishwarya Walunj assisted in all the steps of enrichment of bacteriophages from sewage water source. On second day after the lecture session, they showed the steps required in diluting the phage particles and then carrying out plaque assay. Students were excited to see the plaques developed by bacteriophages.

The whole training program was very exciting; full of knowledge, and students actively participated in all session.


Head
Department of Microbiology
Waghire College, Saswad


Co-Ordinator
DBT- STAR College


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Waghire College, Saswad,
Tal Purandar, Dist. Pune



Pune District Education Association's

Waghire College, Saswad

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Saswad, Tal. Purandar, Dist. Pune, Pin-412 301

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|| Ph. : (02115) 222524 || Fax : (02115) 222472 || E-mail : wc_saswad@pdeapune.org || www.pdea-wcs.org

Outward No. : WCS / 1356 / 1

Date : 6/03/2023

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Vice President
Rajendra Ghadge

Hon. Secretary
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Treasurer
Adv. Mohanrao Deshmukh

Dy. Secretary
L. M. Pawar

Principal
Dr. Sushama Bhosale

To,
Dr. Sangita Ahiwale
Head, Department of Microbiology
Mahatma Phule College, Pimpri.

Subject:- Invitation as Expertise for conducting training course under DBT Star College Scheme

Dear Madam,

It gives us an immense pleasure to invite you as a Expertise to deliver a talk and hands on training of "Enrichment, Isolation and Enumeration of Bacteriophages." This training program is arranged for our T.Y.B.Sc. microbiology students. Your guidance in this regards would be very useful for these students to understand the concept of Bacteriophages and their novel uses. As per your telephonic conversation with Ms. H.V. Sonawane madam we have to schedule the training program on 9th and 10th Mar 2023 at 10.00 am onwards, hope that will be comfortable for you.

Thanks and regards

Yours Sincerely


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Tal. Purandar, Dist. Pune.



Pune District Education Association's

Waghire College, Saswad

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Saswad, Tal. Purandar, Dist. Pune, Pin-412 301.

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Ph. : (02115) 222524 | Fax : (02115) 222472 | E-mail : wc_saswad@pdeapune.org | www.pdea-wcs.org

Outward No. : WCS / 1374 / 1

Date : 9/03/2023

President
Ajit Pawar

Vice President
Rajendra Ghadge

Hon. Secretary
Adv. Sandeep Kadam

Treasurer
Adv. Mohanrao Deshmukh

Dy. Secretary
L. M. Pawar

Principal
Dr. Sushama Bhosale

Appreciation letter

To,

Dr. Sangita Ahiwale

Subject:- Regarding Hands on training session

Respected Madam

We are thankful to you and your team for visiting our college in microbiology department, for conducting hands on training of "Enrichment, Isolation and Enumeration of Bacteriophages" for our T.Y.BSc students. This training program has surely built up confidence of our students and staff members in cultivation and handling of bacteriophages. This hand- on training session has enriched the knowledge of Bacteriophages in our students and it will help them in their examination and real life. Your expertise in this field is invaluable.

Hope to continue with this co-operation in future.

Thanks and Regards.

Yours Sincerely


PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

PDEA's

Waghire college of Art , Commerce & Science
Saswad .Tal- Purander,Dist - Pune

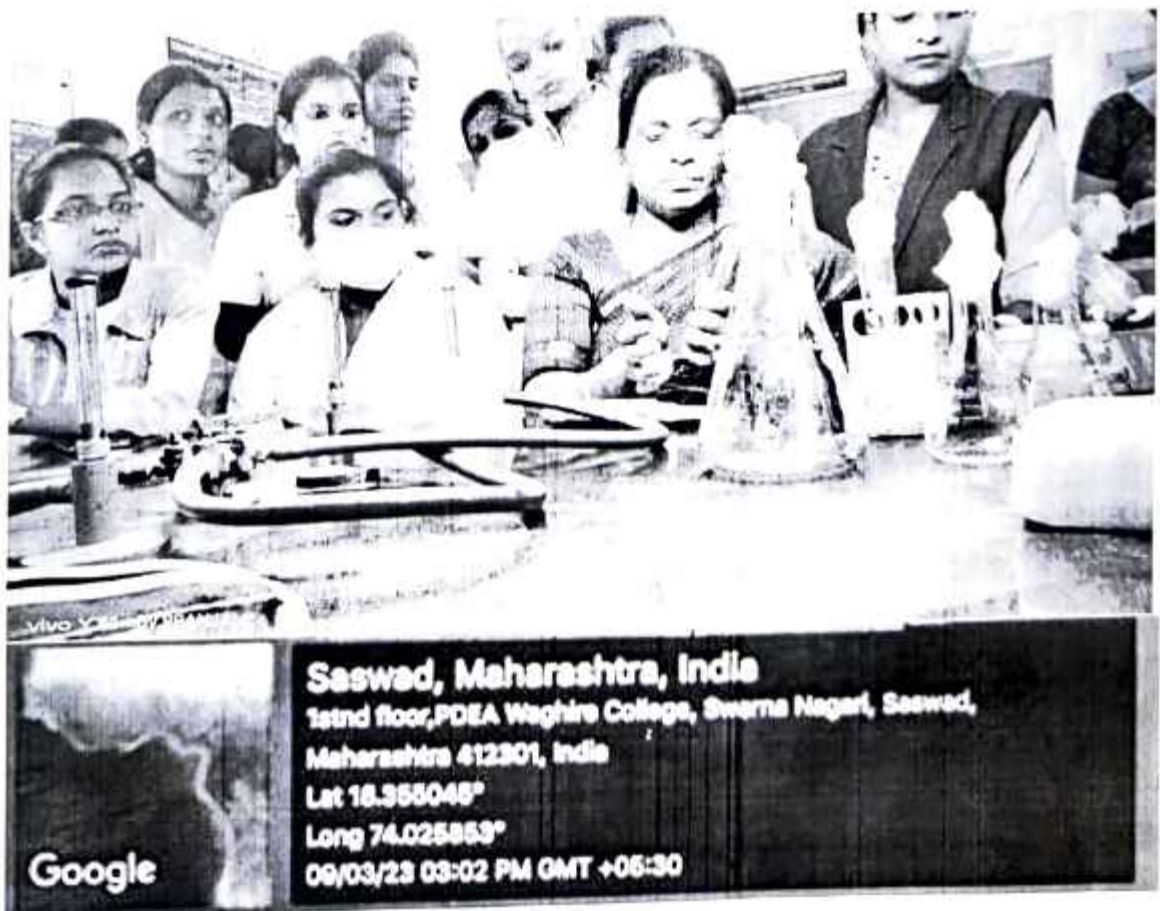
Organised By :- Microbiology Department(under DBT STAR Scheme 2022-23)
Hands on training of "Enrichment, Isolation and Enumeration of Bacteriophage.

Attendance (09th & 10th march 2023)

T.Y.B.Sc. (2022-23)

S.N.	Name of student	sign		S.N.	Name of student	sign	
		09/03/23	10/3/23			09/03/23	10/3/23
1	BAHIRAT SUMIT MAHADEV	<u>Sumit</u>	<u>Sumit</u>	32	MHETRE ANKITA VIJAY	<u>Amkita</u>	<u>Amkita</u>
2	BARKADE PRASAD BALU	<u>Prasade</u>	<u>Prasade</u>	33	MORE ADITYA PANDURANG	<u>Amore</u>	<u>Amore</u>
3	BARKADE RUTVIK SUBHASH	<u>Rutvik</u>	<u>Rutvik</u>	34	MORE MAYUR SOMNATH	<u>more</u>	<u>more</u>
4	BHONGALE NIKITA S	<u>Nikita</u>	<u>Nikita</u>	35	MULIK TANUJA JALINDAR	<u>Tmulik</u>	<u>Tmulik</u>
5	BORAWAKE ISHA ANIL	<u>I.A. Borawake</u>	<u>I.A. Borawake</u>	36	OMBALE SAYALI	<u>Smbale</u>	<u>Smbale</u>
6	BOTRE NEHA NAMDEV	<u>Neha</u>	<u>Neha</u>	37	PANGARE DIPALI	<u>Pangare</u>	<u>Pangare</u>
7	CHAVAN KUNAL SADASHIV	<u>Kunal</u>	<u>Kunal</u>	38	PANGARE TANUJA	<u>Tanuja</u>	<u>Tanuja</u>
8	CHIVHE VAISHNAVI D	<u>V.Chivhe</u>	<u>V.Chivhe</u>	39	PAWAR GAURAV	<u>Pawar</u>	<u>Pawar</u>
9	Choudhari Rutik	<u>R.Choudhari</u>	<u>R.Choudhari</u>	40	PAWAR KARTIK	<u>Kartik</u>	<u>Kartik</u>
10	Dalvi Gorakh	<u>Gorakh</u>	<u>Gorakh</u>	41	PAWAR PRANAV SUBHASH	A	A
11	DESHPANDE ANAGHA UMESH	<u>A.Deshpande</u>	<u>A.Deshpande</u>	42	PAWAR SAKSHI N	A	A
12	DHUMAL APEKSHA RAMESH	A	A	43	PRAJAPATI MEENAKSHI G	<u>P.M.G</u>	<u>P.M.G</u>
12	GAIKWAD POONAM R	<u>P.Poonam</u>	<u>P.Poonam</u>	44	SHAIKH SEHABAJ M	<u>Sehabaj</u>	<u>Sehabaj</u>
14	GAIKWAD SAKSHI UTTAM	<u>S.Gaikwad</u>	<u>S.Gaikwad</u>	45	SHINDE PRASHANT PRALHAD	<u>Prashant</u>	<u>Prashant</u>
15	GAIKWAD SONALI RAMESH	A	A	46	SHIRKE SANDIP TANAJI	<u>SST</u>	<u>SST</u>
16	GAVADE VISHAL R	<u>V.Gavade</u>	<u>V.Gavade</u>	47	SURVE SAKSHI NITIN	<u>Sakshi</u>	<u>Sakshi</u>
17	GURAV VIRAJ VIJAY	A	A	48	TAKAWALE MAYURI	<u>M.Takawale</u>	<u>M.Takawale</u>
18	KALE PRATIK SANJAY	<u>P.Kale</u>	<u>P.Kale</u>	49	THOPATE RAVINA ROHIDAS	<u>R.Thopate</u>	<u>R.Thopate</u>
19	KALE SALONI SANDEEP	<u>S.Kale</u>	<u>S.Kale</u>	50	TILEKAR SNEHAL RAVINDRA	<u>Snehal</u>	<u>Snehal</u>
20	KALE SHWETA SANJAY	<u>S.Kale</u>	<u>S.Kale</u>	51	VEDPATHAK PRATIK DINESH	<u>P.Vedpathak</u>	<u>P.Vedpathak</u>
21	KAMTHE VAISHNAVI S	<u>K.V.S.</u>	<u>K.V.S.</u>	52	VISHWAKARMA LAXMI D	<u>Laxmi</u>	<u>Laxmi</u>
22	KAPARE YASH ARUN	<u>Y.Kapare</u>	<u>Y.Kapare</u>	53	YADAV RAVINA GORAKH	<u>R.Yadav</u>	<u>R.Yadav</u>
23	KAZI ALFIYA AJAJ	A	A	54	ZENDE TEJAL BAJIRAO	<u>T.B.Zende</u>	<u>T.B.Zende</u>
24	KHARADE SHWETA PRAKASH	A	A				
25	KHUTWAD VAIBHAV B	<u>V.Khutwad</u>	<u>V.Khutwad</u>				
26	KOLTE TANUJA VIKAS	<u>Kolte</u>	<u>Kolte</u>				
27	KUL SHUBHAM DADASO	A	A				
28	KULKARNI MRUDULA	<u>M.Kulkarni</u>	<u>M.Kulkarni</u>				
29	MANE SRUSHTI AJIT	A	A				
30	MEMANE SOURABH N	<u>M.Memane</u>	<u>M.Memane</u>				
31	MHETRE ADITYA SUNIL	<u>A.Mhetre</u>	<u>A.Mhetre</u>				

Hands-on training – Enrichment, isolation and enumeration of bacteriophage 9
March 2023



PDEA'S
Waghire College of Arts Commerce and Science,
Saswad, Tal-Purandar, Dist.-Pune
(2021-22)

Ladies Health Check-up
(Under DBT STAR scheme)

Organised by


Waghire College, Saswad in collaboration with
Shree maternity Nursing Home,
Karvenagar, Pune

Gynaecological health check-up camp was organised by the department of Microbiology in collaboration with Shree maternity Nursing Home, Karvenagar, Pune for the teaching and administration staff members (ladies) on 31st March 2022, at 10.00am. We organised this programme to make aware of the importance of regular health check-up. Regular health check-ups have several benefits for women that helps to detect any serious health conditions before the situation worsens.

Dr. Sunita Kale, Director, Shree maternity Nursing Home, Karvenagar, Pune said in her speech that women perform multiple tasks in today's world. They are not only homemakers but also career women playing different roles. However, with such a hectic routine and a fast-paced lifestyle, they hardly find the time to look after their health and self-care. She tried to convince that regular healthcheck-ups and better management of diet and lifestyle help to ensure a healthy, active life. Regular health check-up helps to detect life-threatening diseases, such as breast, cervical or ovarian cancer and to provide timely medical treatment.

Our lady staff members, both teaching and administration, were benefitted of this activity. They could get answers to various menstrual, menopausal problems. All these ladies staff members (30) were happy to attend this workshop, as it was one of a kind they had never experienced.


Head
Department of Microbiology
Waghire College, Saswad


Co-ordinator
Waghire College


PRINCIPAL
Waghire College, Saswad,
Tal, Purandar, Dist. Pune



Pune District Education Association's

Estd 1972

Waghire College of Arts, Commerce and Science

Saswad, Tal. Purandar, Dist. Pune, Pin-412301.

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Outward No. : WCS / 1138 / 1

Date : 31/03/2022

President
Ajit Pawar

Vice President
Ajendra Ghadge

Hon. Secretary
Adv. Sandeep Kadam
Senate Member
Savitribai Phule Pune University, Pune

Treasurer
Adv. Mohanrao Deshmukh

Dy. Secretary
L. M. Pawar

Principal
Dr. Sushama Bhosale

Date: 31/03/2022

To,
Dr. Sunita Kale, Director
Shree Maternity Nursing Home
Karve Nagar,
Pune.

Subject: - Letter of Gratitude.

Respected Madam,

We, the department of Microbiology, Waghire College, Saswad would like to thank you for being the part of activities conducted under DBT Star College Scheme. Your talk on "Health Awareness in Today's Women and check up" was one of the best talks and check up was one of the essential activities run under this scheme. We are honored to have you as our guest lecture.

We, the ladies staff are really benefitted with the deep knowledge you shared with us related to our better health. We assure you that all we will make our family and society aware of the knowledge you shared of utmost important.

We are grateful for the precious time you spared for this program. We look forward for your co-operation in future...

Thank you once again.


Head, Dept. Of Microbiology

Waghire College, Saswad


PRINCIPAL
Principal
Waghire College, Saswad
Tal. Purandar, Dist. Pune.



Waghire College of Arts, Commerce and Science

Saswad, Tal. Purandar, Dist. Pune, Pin-412301.

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■ Ph. : (02115) 222524 ■ Fax : (02115) 222472 ■ E-mail : wc_saswad@pdeapune.org ■ www.pdea-wcs.org

Outward No. : WCS/ 118711

Date : 29th May 2022

President
Ajit Pawar

Vice President
Jyendra Ghadge

Hon. Secretary
Adv. Sandeep Kadam
Senate Member
Savitribai Phule Pune University, Pune

Treasurer
Adv. Mohanrao Deshmukh

Dy. Secretary
L. M. Pawar

Principal
Dr. Sushama Bhosale

To:

Dr. Sunita Kale

Director, Shree maternity Nursing Home

Karve nagar, Pune.

Subject:- Invitation as Expertise for conducting health Check up for teaching & non teaching ladies staff under DBT Star College Scheme.

Dear Madam,

It gives us an immense pleasure to invite you as a expertise for conducting gynaecological check up for teaching & non teaching ladies staff. Your guidance in this regards would be very useful for these staff. As per your telephonic conversation with Ms. H.V. Sonawane madam we have to scheduled the training program on **31st March 2022** at 10.00 am onwards, hope that will be comfortable for you.

Thanks & regards.

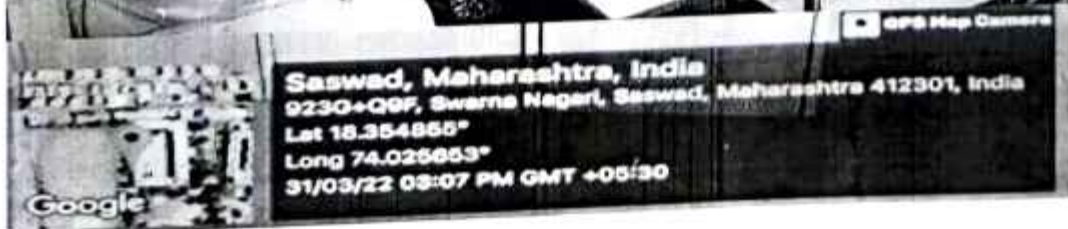
Yours Sincerely


Principal
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

PDEA's
Waghire college of Art , Commerce & Science
Saswad .Tal- Purander,Dist - Pune
Organised By :- Microbiology Department(under DBT STAR Scheme 2022-23)
Gynecological check up for Teaching & Non teaching staff
Attendance (31-03-2022)

S.N.	Name of staff	Sign	S.N.	Name of Non teaching staff	Sign
1	Ms. Hemlata V.Sonawane		21	Ms. Chikane Meera	
2	Dr.Nita B. Patil		22	Ms.Shinde Sandhya	
3	Ms. Vishakha V. Ganvir		23	Ms.Jagtap Mayuri	
4	Dr. Vidya Patankar		24	Ms. Shendkar Rajashree	
5	Dr. Shital Kalhapure		25	Ms. Dhavale Smita	
6	Dr. Bagyashree Madbhavikar		26	Ms. Maske K.H.	
7	Ms.Gauri Zurange		27	Ms.Raskar S.C.	
8	Ms. Kumbharkar Sonali		28	Ms. Nevase R.S.	
9	Ms. Manasi M. Joshi		29	Ms.Adling Jayashree	
10	Ms.Rane Supriya M.		30	Ms. Palkar Sanjana	
11	Miss. Gajarmal Komal M.		31	Ms.Kuchekar Kalpana	
12	Ms. Musale priyanka P.				
13	Ms.Mahamuni Priyanka				
14	Ms.Sawant Swati				
15	Miss Kamthe Komal				
16	Ms. Bagwan Sarwatjahan				
17	Ms. Bagal Mayuri				
18	Ms. Reshma Ranavre				
19	Ms. Shobhana Walunj				
20	Ms.Snehal Solankure				

Staff Gynecological check up 31 March 2022



PDEA'S
Waghire College of Arts Commerce and Science,
Saswad, Tal-Purandar, Dist.-Pune
(2021-22)

Medical Check-up (Blood Testing)
(Under DBT STAR scheme)

Organised by

Waghire College, Saswad in collaboration with
'AKSHAY BLOOD BANK,
HADAPSAR, PUNE.

The department of Microbiology had organised medical check-up (Hemogram and other blood tests) for the parents of T. Y. B. Sc. Microbiology students on 20th October 2021, on the day of parent's meeting at 10.00am. Blood tests are very common. They help doctors check for certain diseases and conditions. They also help to check the function of your organs. The purpose of this camp was to screen blood of an individual to many conditions that form part of disease burden for e.g. blood pressure, anaemia, diabetes mellites, hepatitis, and malaria.

The honourable, Mr. U. P. Patil, Quality Control Manager, Akshay Blood Bank, Hadapsar, Pune and other staff members of the blood bank honoured the request and organised this health camp in our college.

The head of microbiology department, Mrs. H. V. Sonawane and staff members of the department were present for the inauguration function of this activity. She welcomed Mr. U. P. Patil and their staff members, parents, teachers and students. Dr. Nita Patil gave introduction of the programme organised and Ms. Vishakha Ganvir expressed vote of thanks.

As we had invited parents for PTA meeting, so we thought of making their visit more fruitful, and we decided to arrange to carry this activity for the benefit of our stakeholders. Generally parents from rural background are not much aware of their routine checkups but since we arranged this activity, they could understand the importance of this check up. Especially the mothers, some were deficient of haemoglobin, some had issues with blood pressure were asked to take an advice from their family physicians.


Head
Department of Microbiology
Waghire College of Arts Commerce and Science
Saswad, Tal-Purandar, Dist-Pune


Co-Ordinator
DBT-STAR College


PRINCIPAL
Waghire College of Arts Commerce and Science
Saswad, Tal-Purandar, Dist-Pune



Pune District Education Association's

Estd. 1972

Waghire College of Arts, Commerce and Science

Saswad, Tal, Purandar, Dist. Pune, Pin-412301.

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■ Ph. : (02115) 222524 ■ Fax : (02115) 222472 ■ E-mail : wc_saswad@pdeapune.org ■ www.pdea-wcs.org

Outward No. : WCS / 532/11

Date : 16/10/2021

President
Ajit Pawar

Vice President
Ajendra Ghadge

Hon. Secretary
Adv. Sandeep Kadam
Sena Member
Savitribai Phule Pune University, Pune

Treasurer
Adv. Mohanrao Deshmukh

Dy. Secretary
L. M. Pawar

Principal
Dr. Sushama Bhosale

To,
The Administrator,
Akshay Blood Bank,
Hadapsar, Pune.

Subject: - Invitation as Expertise for conducting pathological testing of parents of Students.

Dear Sir/ Madam,

It gives us an immense pleasure to invite you as a Expertise for conducting pathological testing of blood sugar, haemoglobin, blood pressure & blood grouping of parents of microbiology students.

As per your telephonic conversation with Ms. H.V. Sonawane madam we have scheduled the pathological testing on **20th October 2021** at 10.00 am onwards, hope that will be comfortable for you.

Thanks & Regards

Yours Sincerely


PRINCIPAL
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.



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Outward No. : WCS / 537/1/21-22

Date : 20/10/2021

Appreciation letter

President
Ajit Pawar

To,

The Administrator,

Akshay Blood Bank,

Hadapsar, Pune

Vice President
Rajendra Ghadge

Respected Madam

We are thankful to you and your team for visiting our college in microbiology department, for conducting Pathological testing for parents of T.Y.B.Sc Students.

Hon. Secretary
Adv. Sandeep Kadam
Senate Member
Savitribai Phule Pune University, Pune

Treasurer
Adv. Mohanrao Deshmukh

This program has surely helpful to our parents for getting the knowledge of personal health. It will help them in their day to day life. Your expertise in this field is invaluable.

Hope to continue with this co-operation in future.

Dy. Secretary
L. M. Pawar

Principal
Dr. Sushama Bhosale

Yours Sincerely


PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

20/10/21

A Parent-Teacher meeting was arranged on 20th Oct 2021. The meeting was called for making parents aware of their ward's attendance in college as well as the parents could meet the teachers & share their problems with them regarding their ward. Also the mentors were declared, so that parents could get all updates following parents attended meeting.

Sr. No.	Name of Student	Name of Parent	Parent's mobile No.	Signature
1	Pealksha Yadav	Kishor Yadav	9858270778	
2	Kad Vaishnavi	Vilas Kad	9623578654	
3	Ghone Pranjel	Ghone Parbaj	9822202452	
4	Wagh Sakshi	Wagh Sujata	9763730111	S.S. Wagh.
5	Tathwadkar Trupti	Tathwadkar bhushan	7058613636	
6	Jagtap sonali	Jadhav Aksharda	8554014958	
7	Yadav Gayatri	Harumant Dhage	9172137312	
8	Zende Harshad/Vilas	Vilas Zende	7714906140	
9	Darekar Chetan Gada	Amit Jagtap	7447503703	
10	Sonawane mansi sanjay	Sonawane Tanuja	9822885502	
11	Pawar Tanuja B	Pawar Jyothiji	940495053	Pawar J.V.
12	sanas Gauravi	Sangita Sanas	8208809031	S.S. gurav.
13	Darekar Kunal	Jayashree Darekar	9021296532	Jayashree
14	Shaikh Shoaib	Parvin Shaikh	9022357987	Shaikh P.
15	Zende Parbaj	Baby Zende	9150553543	Zende
16	Tikkal Dipak	Mirabai Tikkal	7517686925	Tikkal M.

sr.no.	Name of student.	Name of parents	parents mob. No.	sign
17.	Singh Kajal	Paramod Singh	9022916517	
18.	Jagtap Dhanshi	Sandip Jagtap	9881398391	
19.	Badadhe Avinash	Balaso Badadhe	7887401610	
20.	Awale pooja	Prakash Awale.	7218714272	
21.	Konde Rutuja	Rejendra Konde	7796172157	Konde R.
22.	Ghate Mayuri	Dadaso Ghate	9307302188	
23.	Nale pratik	Manik Nale	9307944152	NMG.
24.	Nale Ajinkya	Ramdas Nale	9309506036	
25.	Nigade Ashwini	Ashok Nigade	9763583470	<u>Nigade.</u>
26.	Kudale Prachi	Dadaso Kudale	9552605018	
27.	Divekar Sakshi	Dattatray Divekar	9075737118	<u>Divekar</u>
28.	Akaasha Dhuma	Balaso Dhuma	9156719997	
29.	Tilekar Sujal	Keshav Tilekar	9307815464	Tilekar K.
30.	Shinde Aaditi	Uttam Shinde	7219048370	

Pathological testing of parents of T.Y.B.Sc. Students on 20th October 2021



GPS Map Camera



Google

Saswad, Maharashtra, India

1stnd floor,PDEA Waghire College, Swarna Nagari, Saswad,
Maharashtra 412301, India

Lat 18.355028°

Long 74.025858°

20/10/21 11:54 AM GMT +05:30



GPS Map Camera



Google

Saswad, Maharashtra, India

1stnd floor,PDEA Waghire College, Swarna Nagari, Saswad,
Maharashtra 412301, India

Lat 18.355065°

Long 74.02574°

20/10/21 12:41 PM GMT +05:30

PDEA's
Waghire college of Art, Commerce & Science
Saswad, Tal- Purandar, Dist – Pune
(2021-22)

Report of Swachha Innovative technology challenge
Swachha Technology Challenge participation (under DBT STAR Scheme)

Organised By:-Saswad Municipal corporation, Saswad under Swachh Bharat Abiyan

Saswad Municipal Corporation had organized Swachh Technology challenge competition under Swachh Bharat Abhiyan by Ministry of Housing and Urban Affairs Government of India on 4th January 2022. The competition was open for all sectors. Different themes under this programme were Garbage waste management, Plastic waste management, Clean Saswad city, Arboriculture and Environment protection, Rain water harvesting, Garbage free and open defecation free Saswad and Personal hygiene and health. The purpose of this competition was to involve the citizens into campaign of Swachha Bharat Abiyan and an innovative thought came out for developing the dream of Swachha Bharat.

One of the Staff member Ms. Supriya Rane participated in Swachha Startup challenge and got first prize.

T.Y.B.Sc. Microbiology students also had participated in this competition and among which following students got prize in this competition.

- 1) Sakshi Wagh
- 2) Dhanashri Jagtap
- 3) Kajal Singh

For this competition students had prepared posters and models under DBT STAR Scheme.


Head
Department of Microbiology
Waghire College, Saswad


Co-Ordinator
DBT- STAR College


PRINCIPAL
Waghire College, Saswad,
Tal. Purandar, Dist. Pune

PDEA's
Waghire college of Art, Commerce & Science

Saswad. Tal- Purandar, Dist – Pune

(2021-22)

Swachh Innovative technology challenge

Swachh Technology Challenge participation (under DBT STAR Scheme)

Organised By:-Saswad Municipal corporation, Saswad under Swachh Bharat Abhiyan

Sr.No.	Name of student	Name of Project
1	Tathwadkar Trupti Rajiv	Arboriculture and Environment protection
2	Zende Pankaj Bhimaji	Rain water harvesting
3	Zende Pranali Nivrutti	Rain water harvesting
4	Sanas Gauravi Vilas	Clean Saswad city
5	Zende Rutuja Rajendra	Garbage waste management
6	Wagh Sakshi Suryakant	Arboriculture and Environment protection
7	Singh Kajal Pramod	Plastic waste management
8	Jagtap Dhanashree Sandip	Arboriculture and Environment protection
9	Rananaware Rupesh Satish	Garbage free Saswad
10	Shelar Pooja Mohan	Garbage waste management

संत गाडगेबाबा नागरी स्वच्छता अभियान २००७-०८ मध्ये राज्यात प्रथम पुरस्कार प्राप्त नगरपरिषद



सासवड नगरपरिषद

सासवड, ता.पुरंदर जि.पुणे

फोन : (ऑ.) ०२११५-२२२३४९, २२२४५५

फॅक्स नंबर ०२११५-२२२४३६

Email- saswadmc@gmail.com

दिनांक १४/०१/२०२२


प्रशस्तिपत्र


"स्वच्छ सर्वेक्षण २०२२ व माझी वसुंधरा २.० अभियानातर्गत" सासवड नगरपरिषदेद्वारे आयोजित केलेल्या रांगोळी / पोस्टर / चित्रकला स्पर्धेत श्री./श्रीमती.कु./कुमारी साक्षी सुर्यकांत वाघ यांच्या रांगोळी / पोस्टर / चित्रकला स्पर्धेमध्ये प्रथम क्रमांक मिळाला आहे. याबद्दल हे प्रशस्तिपत्र सन्मानपूर्वक देणेत येत आहे.

आम्हाला आशा आहे आपण "स्वच्छ सर्वेक्षण २०२२ व माझी वसुंधरा २.० मध्ये स्वच्छतेच्या बाबतीत बहुमुल्य योगदान द्याल.

आपल्या पुढील कार्यास हार्दिक शुभेच्छा

धन्यवाद !


मुख्याधिकारी
सासवड नगरपरिषद


नगराध्यक्ष
सासवड नगरपरिषद

संत गाडगेबाबा नामरी स्वच्छता अभियान २००७-०८ मध्ये राज्यात प्रथम पुरस्कार प्राप्त नगरपरिषद



सासवड नगरपरिषद

सासवड, ता. पुरंदर जि. पुणे

फोन : (ऑ.) ०२११५-२२२३४९, २२२४५५

फॅक्स नंबर ०२११५-२२२४३६

Email- saswadmc@gmail.com

दिनांक १४/०१/२०२२

प्रशस्तिपत्र

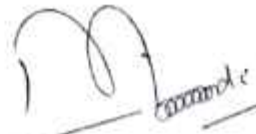
" स्वच्छ सर्वेक्षण २०२२ व माझी वसुंधरा २.० अभियानातर्गत
" सासवड नगरपरिषदेद्वारे आयोजित केलेल्या रांगोळी / पोस्टर / चित्रकला स्पर्धेत
श्री./श्रीमती. **कु. जगताप धनंजी शंदिप** यांच्या रांगोळी / पोस्टर / चित्रकला
स्पर्धेमध्ये **द्वितीय** क्रमांक मिळाला आहे. याबद्दल हे प्रशस्तिपत्र सन्मानपूर्वक देणेत येत आहे.

आम्हाला आशा आहे आपण "स्वच्छ सर्वेक्षण २०२२ व माझी वसुंधरा २.० मध्ये
स्वच्छतेच्या बाबतीत बहुमुल्य योगदान द्याल.

आपल्या पुढील कार्यास हार्दिक शुभेच्छा

धन्यवाद !


मुख्याधिकारी
सासवड नगरपरिषद


नगराध्यक्ष
सासवड नगरपरिषद

Swachha Innovative technology challenge

Swachha Technology Challenge participation (under DBT STAR Scheme) (2021-2022)



Date: 20 Sept. 2022

**PDEA's Waghire College, Saswad
Department of Zoology
2022-2023**


Notice for F.Y. B.Sc. Zoology and S.Y.B.Sc Zoology students

This is to inform all the students, that the Department of Zoology is organizing a Guest Lecture "Basic of Apiculture" for the students on 22nd September, 2022.

The lecture ~~aims~~ aims to raise awareness about the importance of Apiculture, honey bee's role in pollination and Apiculture as entrepreneurship.

Students should attend the lecture series from 22nd September, 2022, at 9.00 am to 3.00 pm in Zoology Laboratory.


Dept Co-ordinator


HEAD
Dept. of Zoology
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

PDEA's Waghire College, Saswad
Department of Zoology
2022-2023

Report on Guest lecture on Basics of Apiculture under DBT Scheme

The Zoology department had organized a guest lecture on Basics of Apiculture on 22/9/2022 for the students of S.Y.B. Sc. Zoology from 9.00 am to 3.00 pm. The main objective of organizing this lecture was to make the student understand the basic part of Apiculture like different types of honeybees used in apiculture, their habits and nesting behavior, the ecological role played by honeybees, the importance of honeybees in human's life, the different equipment's used in rearing, the products obtained from honeybees, the economics involved and the skill based employment provided by apiculture. Guest speakers invited were Mr. Prashant Gawade and Mr. Alpesh Shah from Kendriya Vidnyan Kendra, Malegaon Budruk, Tehsil Baramati. 30 students benefitted from this lecture.



Rajyal
Dept. Coordinator

Deesal
HEAD
Dept. of Zoology
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

Balit
DBT Coordinator
Co-Ordinator
DBT- STAR College

Pmmis
PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

Applied ZOOLOGY Lecture.

Guest lecture on Basics of Apiculture

Date _____

Page _____

- | | |
|-----------------------------------|--------------|
| 1) Katarke Sushma Sopan | Sushma |
| 2) Pawar Hrushda Laxman | H.L. Pawar |
| 3) Jaraode prachi mahadev | Jaraode |
| 4) Chavan shruti Subhash | see |
| 5) Patole Shital Ravindra. | Patole |
| 6) Kumbharkar Divya Ganpat | DK |
| 7) Shinde Poorva Shinde | Shinde |
| 8) Kapare Tanuja Rajendra | T.R.K |
| 9) Jagtap Pratiksha Manoj | Jagtap |
| 10) Bankar Karishma Dattatray | Bankar |
| 11) Mulani Akroz Rakik | Mulani |
| 12) Shinde Suresh Ramesh | Shinde |
| 13) Bhokate Gauri Sitaram | G.S. Bhokate |
| 14) Chauhan Neelam Mahendra. | Chauhan |
| 15) Kamthe Siddheshwari Luxman | Kamthe |
| 16) Kurobhae Harshada Natha | Kurobhae |
| 17) Gadase Pradnya Ramesh | Pradnya |
| 18) Prajapati Manisha Gopal | Manisha |
| 19) Kazi simran Javed | Kazi |
| 20) Phadatore Aditi Madhukar | Phadatore |
| 21) Bhame Pratiksha Dattatray | Bhame |
| 22) Vedpathak Nikita Subhash | Vedpathak |
| 23) Salunke Madhuri Chandraev | Salunke |
| 24) Jantao Kranti Dayanand | Jantao |
| 25) Kapare Sakshi Hindurav | Kapare |
| 26) Kumbhar Vaishnavi Dnyaneshwar | Kumbhar |
| 27. Pawar Shivani Chandrakant | Pawar |
| 28. Bhongale Sanika Sanjay | Bhongale |
| 29. Tekawade Dnyaneshwari Babusao | Tekawade |
| 30 Kamthe Kamal Ramesh | Kamthe |

Rajal

Dept Co-ordinator

HSAB

Dept Head Biology
Waghre College, Saswad,

Vartak

Co-Ordinator
NRT-STAR College

S.P.

PRINCIPAL
Waghre College, Saswad
Tal. Purandar, Dist. Puna.

Date 23rd NOV-2022

PDEA's Waghire College, Saswad
Department of Zoology
2022-2023


Notice for S.Y.B.Sc Zoology students

This is to inform all the students, that the Department of Zoology is organizing a Guest Lecture "Demonstration related to extraction of different honey bee products" for the students on 25th November, 2022.

The lecture ~~series~~ aims to raise awareness about the importance of Apiculture, extraction of honey, importance of honey in Ayurveda and Apiculture as entrepreneurship.

Students should attend the lecture series from 25th November, 2022, at 10.00 am to 3.00 pm in Zoology Laboratory.


Dept Co-ordinator


HEAD
Dept. of Zoology
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

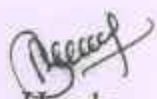
PDEA's Waghire College, Saswad
Department of Zoology
2022-2023

Report on Workshop on Demo Practical's related to Extraction of different honey bee products under DBT Scheme

The Zoology department had organized a workshop on Demo practical's related to Extraction of different honeybee products on 25/11/2022 for the students of S.Y.B. Sc. Zoology from 10.00 am to 3.00 pm. The main objective of organizing this lecture was to make the student understand the extraction process used for extracting honeybee products like honey, beeswax, pollens, propolis and royal jelly. Mr. SachinKshirsagar and ManojGawade from the KendriyaVidnyan Kendra Baramatishowed the different equipments used for the extraction process and explained how it is carried out without causing any damage to the bees by using the equipments.They also showed the different products brought from their institution to the students. They emphasized that Apiculture provides not just self-employment to students but also can be used for pollination in farms by lending the bee boxes to the interested farmers at a price. 51 students were benefitted.




Dept. Coordinator


HEAD
Dept. of Zoology
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.


DBT Coordinator
Co-Ordinator
DBT- STAR College


PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

Workshop on Demo Practicals related to Extraction of
Different honey bee products under DBT scheme ^{Rainbow}

Date: 25/11/2022

PAGE: / /
DATE: / /

Name	Sign
1. Siddhi Dattatray Tanwade	Tanwade
2. Zende Tejal Bajirao	T.B. Zende
3. Pawar Sakshi Nandkumar	Pawar
4. Kale Shweta Sanjay	Kale
5. Kale Saloni Sandeep	Kaloni
6. Malik Tanuja Jalindar	Tanuja
7. Gaikwad Sonali Ramesh	Gaikwad
8. Kasi Aniya Ajaj	Kasi
9. Deshpande Anagha Umesh	Deshpande
10. Mhetre Ankita Vijay	Mhetre
11. Tilekar Snehal Ravindra	Snehal
12. Kopare Priti Kailas	Kopare
13. Chivhe Vaishnavi Dashrath	Chivhe
14. Takawale Mayuri Shrirang	M.S. Takawale
15. Gite Priti Vasudev	Gite
16. Katke Tanuja Vikas	Katke
17. Botse Neha Namdev	Botse
18. Thapate Ravina Rahidas	Thapate
19. Shendkar Tejal Bhanudas	Shendkar
20. Thikole Tepti Anag	Thikole
21. Jagtap Neha Shantam	Jagtap
22. Shinde Jyoti Tanaji	Shinde
23. Pise Anushka Santosh	Pise
24. Shinde Ashwini Ramdas	Shinde
25. Prajapati Meenalini Vinod	Prajapati
26. Shendkar Pradnya Vishwas	Shendkar
27. Nale Supriya Subhash	Nale
28. Katke Sanika Devidas	Katke
29. Dhurmal Apeksha Ramesh	Dhurmal
30. Chavan Shailesh Vijay	Chavan

25/11/2022

- | | | |
|-----|---------------------------|------------------|
| 31) | Gurav Viraj Vijay | <u>Jiraj</u> |
| 32) | Ratke Gawav Santosh | <u>Ratke</u> |
| 33) | Katke Rohit Dnyanoba | <u>Katke</u> |
| 34) | Bhandalkar Abhijit Laxman | <u>AB</u> |
| 35) | Dalvi Gorakh Janardan | <u>GD</u> |
| 36) | Kadam Rushikesh Santosh | <u>Rushikesh</u> |
| 37) | Bund Aniket Salish | <u>Aniket</u> |
| 38) | Deskar Amit Dinkar | <u>Amit</u> |
| 39) | Pawar Gaurav Rohidas | <u>Pawar</u> |
| 40) | Shinde Prashant Pralhad | <u>Prashant</u> |
| 41) | Chaudhari Rutik Ravindra | <u>Rutik</u> |
| 42) | Barkade Prasad Balu | <u>Barkade</u> |
| 43) | Rutvik Subhash Barkade | <u>Rutvik</u> |
| 44) | Dudhal Saugabh Sunil | <u>Saugabh</u> |
| 45) | Gavade Vishal Ramchandra | <u>Vishal</u> |
| 46) | Khutwad Vaibhav Bharudag | <u>Vaibhav</u> |
| 47) | Kul Shubham Dadaso | <u>Shubham</u> |
| 48) | More Mayur Somnath | <u>More</u> |
| 49) | Kale Pratik Sanjay | <u>Pratik</u> |
| 50) | More Aditya Pandurang | <u>More</u> |
| 51) | Pawar Pranav Subhash | <u>Pranav</u> |

Rohit
Dept. Coordinator

Prashant
HEAD
Dept. of Zoology
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

Prashant
DBT Co-ordinator
Co-Ordinator
DBT-STAR College

Prashant
Principal
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

PDEA'S
Waghire College of Arts, commerce and Science, Saswad,
Department of Zoology
“Guest Lecture on Ozone Day”
Organized under the DBT- STAR College Scheme
16th September, 2022

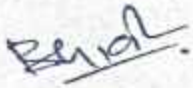
The Department of Zoology organised a guest lecture titled “Ozone layer and Health” on 16th September, 2022 under the DBT- STAR College scheme. An eminent guest speaker, Dr. Pradip Awate, State Surveillance Officer, Integrated Disease Surveillance, Public Health Services, Maharashtra spoke on the topic.

He explained the students that the Ozone layer absorbs 97% to 99% of the sun's incoming ultraviolet radiation (UV-B). This is fundamental to protecting life on Earth's surface from exposure to harmful levels of this radiation, which can damage and disrupt DNA.



However during 1970's and 1980's ozone concentrations in the stratosphere fell, and a hole in the ozone layer opened up, thereby causing a measurable increase in the amount of UV-B radiation reaching the surface. What's noticeable is that Ozone depletion and UV irradiance have increased much more in the Southern Hemisphere. This is because ozone depletion is also impacted by temperature and sunlight. Ozone depletion has increased risk of skin cancer (as well as skin damage and aging).

However, lately the world has achieved rapid progress and has nearly eliminated ozone-depleting substances in order to cause recovery of the Ozone layer. As a consequence millions of excess skin cancer cases have been avoided due to the Montreal Protocol and its follow-up treaties. Through the Lecture 3rd F.Y. and S.Y. students were benefitted.



Depart. Co-ordinator



HEAD

Dept. of Zoology
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.



DBT Scheme Coordinator

DBT-STAR College



Principal

Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

18-9-2022

ZOOLOGY

classmate

Date

Page

" Guest lecture on Ozone day "

- 1) Kotake Sushma Sopan. Sushma
- 2) Pawar Harshada Laxman. Harpawar
- 3) Badhe Amruta shatad. Badhe
- 4) Zagade Tejaswini Shashikant. Zagade
- 5) Bhongale Sanika Sanjay. Bhonyale
- 6) Phadotare Aditi Madhukant. Aditip
- 7) Katake Vishakha Rajendra. Katake
- 8) Katake Sakshi maruti. Katake
- 9) Gaikwad Sheeya Shreikeshna. Gaikwad
- 10) Katake Ankita Santosh. Katake
- 11) Kamthe Siddheshwari Laxman. Kamthe
- 12) Kumbhar Harshada Natha. kumbhar
- 13) Godase Radhya Ramesh. Radnya
- 14) Prajapati Manisha Gopal. Manisha
- 15) Kapare Sakshi Hindurav. Kapare
- 16) Janrao Kranti Dayanand. Janrao
- 17) Tekawade Dnyaneshwari Baburao. Tekawade
- 18) Kamthe Komal Ramesh. Kamthe
- 19) Bhokate Gauvi Sitararam. G.S. Bhokate
- 20) Jarande Prachi mahadev. Jarande
- 21) Bankar Karishma Dattatray. Bankar
- 22) Mulani Afroz RAFIK. Mulani
- 23) Kumbhar Vaishnavi Dnyaneshwar. Kumbhar
- 24) Baravkar Pooja Lalaso. Baravkar
- 25) Chauhan Neelam Mahendra. Chauhan
- 26) Pawar Shivani Chandrakant. Pawar
- 27) Chavan Shanti Subhash. Chavan
- 28) Patole Shital Ravindra. Patole
- 29) Kazi Simran Javed. Kazi
- 30) Shinde Poorva Selish. Shinde
- 31) Ranjane Ajay Maruti. Ranjane

- 32) Kamthe Mayur Raghunath
- 33) Hole Nandu Ratnakar
- 34) Ravkar Mayuresh Nandkumar
- 35) Phule Abhishek Vitthal

~~Kamthe~~
~~Phule~~
~~Phule~~
~~Phule~~

Phule
 Dept. Co-ordinator

Phule
HEAD
 Dept. of Zoology
 Waghire College, Saswad,
 Tal. Purandar, Dist. Pune.

Phule
DR Co-ordinator
DBT-STAR College

Phule
DR Co-ordinator
 Waghire College, Saswad,
 Tal. Purandar, Dist. Pune.

PDEA'S
Waghire College of Arts Commerce and Science,
Saswad, Tal-Purandar, Dist.-Pune
(2022-23)

Training Program on
'Chromatographic Techniques and Basic techniques in Molecular Biology'
for T.Y.B.Sc. Students

(Under DBT STAR scheme)

Organised by

Waghire College, Saswad in collaboration with
MakelIntern and E-Cell IIT
Kharagpur.

The department of Microbiology had organized two days training program for T.Y.B.Sc. Students in collaboration with MakeIntern and E-Cell IITKharagpur. Fifty-four T.Y.B.Sc. students participated in the training session. T.Y.B.Sc. microbiology students are learning about different types of chromatographic and molecular biology techniques as a part of their curriculum. If they could get hands on experience of the same it would be easier to understand the concepts.

On 3rd October 2022, in the inaugural function, MS. V. N. Ganvir compared the ceremony. Smt. H. V. Sonawane introduced the idea of the training program. Mrs. Manasi Joshi introduced the guest Dr. B. Banerjee. Then Principal Dr. Sushama Bhosale felicitated the guest Dr. Devika Banerjee and gave her best wishes for the activity. Dr. Nita Patil expressed vote of thanks.

The organizing partner, MakelIntern, had provided two Mentors for conducting this program. On 3rd October 2022, Dr. Devika Banerjee had conducted session on Chromatographic Techniques. In the beginning she introduced students to basic principles of chromatography, its types and the application. Then she briefed about Thin Layer Chromatography and its advantages. In hands-on session students learnt about how to prepare solvent system, load sample on TLC sheet and develop it. In the afternoon session they were introduced to different types of column chromatographic techniques and their application in different fields such as protein/enzyme purification, pharmaceutical industries for the purification of various products. In hands on session, they performed one type of column based on Molecular sieving chromatography principle and the separation of sample was performed.

On second day of program, i.e. on 4th October 2022, second Mentor Dr. Chinmoy Patra Scientist from Aagharkar Research Institute, Pune had visited college to conduct session on, 'Basictchniques in Molecular Biology. In his session he introduced students with various laboratory animals used for testing purposes and lastly he talked about Zebrafish as model which is been used widely for the testing purpose because of its simple anatomical structure. He showed students the larvae of Zebrafish and how easy it is to see various internal structures of the animal because of the transparent skin. Students were very excited to see that. The whole training program was very exciting; full of knowledge, and students actively participated in all sessions.

H. Sawane
Head
Department of Microbiology
Waghire College, Saswad

Bhat
Co-Ordinator
DBT- STAR College

[Signature]
PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune

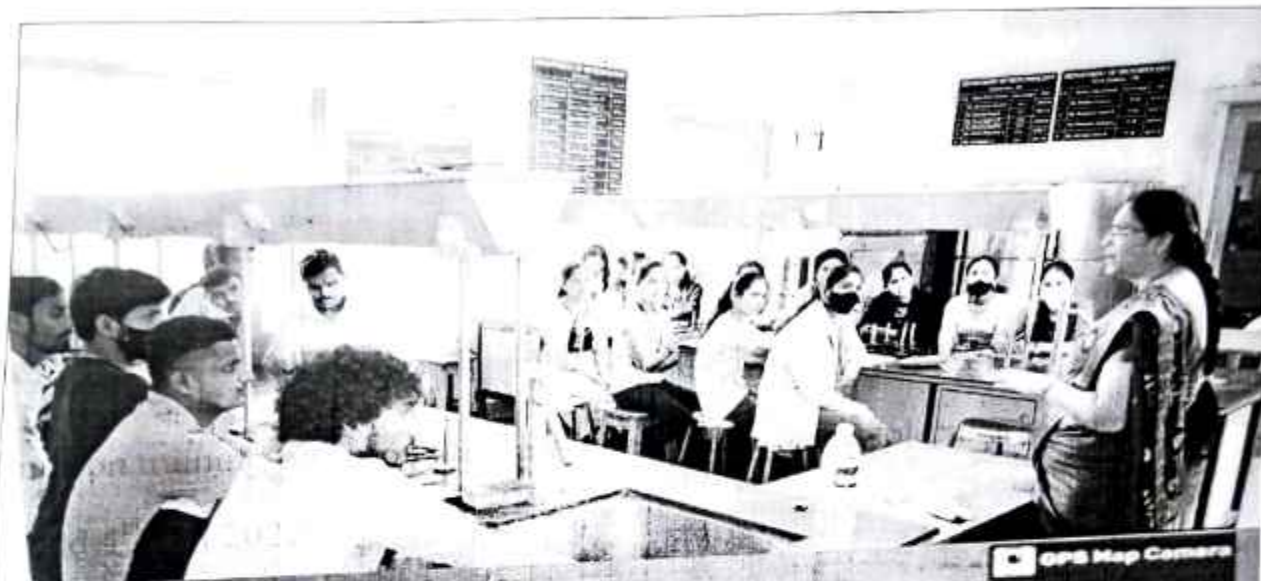
PDEA's
Waghire college of Art , Commerce & Science
Saswad .Tal- Purander,Dist - Pune
Organised By :- Microbiology Department(under DBT STAR Scheme 2022-23)
Hands on training on Chromatographic and molecular Biology techniques.
Attendance (03rd & 04th October 2022)

T.Y.B.Sc. (2022-23)

S.N.	Name of student	sign		S.N.		sign	
		3/10/22	4/10/22			03/10/22	04/10/22
1	BAHIRAT SUMIT	<i>Sumit</i>	<i>Sumit</i>	32	MHETRE ANKITA VIJAY	<i>AM</i>	<i>AM</i>
2	BARKADE PRASAD BALU	<i>Barkade</i>	<i>Barkade</i>	33	MORE ADITYA	<i>Aditya</i>	<i>Aditya</i>
3	BARKADE RUTVIK	<i>Barkade</i>	<i>Barkade</i>	34	MORE MAYUR SOMNATH	<i>Mayur</i>	<i>Mayur</i>
4	BHONGALE NIKITA	<i>A</i>	<i>A</i>	35	MULIK TANUJA JALINDAR	<i>Tanuja</i>	<i>Tanuja</i>
5	BORAWAKE ISHA ANIL	<i>I.A. Borawake</i>	<i>I.A. Borawake</i>	36	OMBALE SAYALI	<i>Sayali</i>	<i>Sayali</i>
6	BOTRE NEHA NAMDEV	<i>Neha</i>	<i>Neha</i>	37	PANGARE DIPALI	<i>Dipali</i>	<i>Dipali</i>
7	CHAVAN KUNAL	<i>Kunal</i>	<i>Kunal</i>	38	PANGARE TANUJA	<i>Tanuja</i>	<i>Tanuja</i>
8	CHIVHE VAISHNAVI	<i>Chivhe</i>	<i>Chivhe</i>	39	PAWAR GAURAV	<i>Gaurav</i>	<i>Gaurav</i>
9	Choudhari Rutik	<i>Rutik</i>	<i>Rutik</i>	40	PAWAR KARTIK	<i>K.R. Pawar</i>	<i>K.R. Pawar</i>
10	Dalvi Gorakh	<i>A</i>	<i>A</i>	41	PAWAR PRANAV	<i>Pranav</i>	<i>Pranav</i>
11	DESHPANDE ANAGHA	<i>Anagha</i>	<i>Anagha</i>	42	PAWAR SAKSHI	<i>Sakshi</i>	<i>Sakshi</i>
12	DHUMAL APEKSHA	<i>Apeksha</i>	<i>Apeksha</i>	43	PRAJAPATI MEENAKSHI	<i>Meenakshi</i>	<i>Meenakshi</i>
12	GAIKWAD POONAM	<i>A</i>	<i>A</i>	44	SHAIKH SEHABAJ	<i>Sehabaj</i>	<i>Sehabaj</i>
14	GAIKWAD SAKSHI	<i>Sakshi</i>	<i>Sakshi</i>	45	SHINDE PRASHANT	<i>Prashant</i>	<i>Prashant</i>
15	GAIKWAD SONALI	<i>A</i>	<i>A</i>	46	SHIRKE SANDIP TANAJI	<i>Sandip</i>	<i>Sandip</i>
16	GAVADE VISHAL	<i>Vishal</i>	<i>Vishal</i>	47	SURVE SAKSHI NITIN	<i>Sakshi</i>	<i>Sakshi</i>
17	GURAV VIRAJ VIJAY	<i>Viraj</i>	<i>Viraj</i>	48	TAKAWALE MAYURI	<i>Mayuri</i>	<i>Mayuri</i>
18	KALE PRATIK SANJAY	<i>Pratik</i>	<i>Pratik</i>	49	THOPATE RAVINA	<i>Ravina</i>	<i>Ravina</i>
19	KALE SALONI SANDEEP	<i>Saloni</i>	<i>Saloni</i>	50	TILEKAR SNEHAL	<i>Snehal</i>	<i>Snehal</i>
20	KALE SHWETA SANJAY	<i>Shweta</i>	<i>Shweta</i>	51	VEDPATHAK PRATIK	<i>Pratik</i>	<i>Pratik</i>
21	KAMTHE VAISHNAVI	<i>Vaishnavi</i>	<i>Vaishnavi</i>	52	VISHWAKARMA LAXMI	<i>Laxmi</i>	<i>Laxmi</i>
22	KAPARE YASH ARUN	<i>Yash</i>	<i>Yash</i>	53	YADAV RAVINA GORAKH	<i>Ravina</i>	<i>Ravina</i>
23	KAZI ALFIYA AJAJ	<i>Alfiya</i>	<i>Alfiya</i>	54	ZENDE TEJAL BAIRAO	<i>T.B. Zende</i>	<i>T.B. Zende</i>
24	KHARADE SHWETA	<i>Shweta</i>	<i>Shweta</i>				
25	KHUTWAD VAIBHAV	<i>Vaibhav</i>	<i>Vaibhav</i>				
26	KOLTE TANUJA VIKAS	<i>Tanuja</i>	<i>Tanuja</i>				
27	KUL SHUBHAM DADASO	<i>Shubham</i>	<i>Shubham</i>				
28	KULKARNI MRUDULA	<i>Mrudula</i>	<i>Mrudula</i>				
29	MANE SRUSHTI AJIT	<i>Srushti</i>	<i>Srushti</i>				
30	MEMANE SOURABH	<i>Sourabh</i>	<i>Sourabh</i>				
31	MHETRE ADITYA SUNIL	<i>Aditya</i>	<i>Aditya</i>				

Hands on training on chromatographic techniques and Molecular Biology Techniques

3rd and 4th Oct 2022



GPS Map Camera



Saswad, Maharashtra, India
923G+QGF, Swarna Nagar, Saswad, Maharashtra 412301, India
Lat 18.354854°
Long 74.025852°
03/10/22 03:04 PM GMT +05:30



GPS Map Camera



Saswad, Maharashtra, India
1stnd floor, POEA Waghere College, Swarna Nagar, Saswad,
Maharashtra 412301, India
Lat 18.354859°
Long 74.025826°
04/10/22 03:05 PM GMT +05:30

PDEA'S
Waghire College of Arts Commerce and Science,
Saswad, Tal-Purandar, Dist.-Pune
(2022-23)

Gynaecological Health Check-up for girls
(Under DBT STAR scheme)

Organised by

Waghire College, Saswad in collaboration with
Shree maternity Nursing Home,
Karvenagar, Pune

The department of Microbiology organised the health check-up camp in collaboration with Shree maternity Nursing Home, Karvenagar, Pune for girl students, on 8th March 2023, at 10.00am. We organised this programme to create awareness of the importance of regular health check-up. Nowadays, PCOS a significant public health problem and is one of the commonest hormonal disturbances affecting women of reproductive age. Up to 70% of affected women remain undiagnosed worldwide. Therefore, organising such camps is very essential.

Dr. Sunita Kale, Director, Shree maternity Nursing Home, also guided girls in her speech. She told that even if you feel fine, you should still see your provider for regular checkups. These visits can help you to avoid problems in the future. PCOS is the commonest cause of an ovulation and a leading cause of infertility. It is associated with a variety of long-term health problems that affect physical and emotional wellbeing. There's no cure for PCOS, but there are several ways to treat and manage it. She tried to convince that regular health check-ups and better management of diet and lifestyle help to ensure a healthy, active life. Regular health check-up helps to detect life-threatening diseases, such as breast, cervical or ovarian cancer and to provide timely medical treatment.

Our girl students who are mainly from rural background are very shy types and would not discuss their gynaecological issues with their parents also. But when they attended this camp, they got answers to many of their unasked questions.


Head
Department of Microbiology
Waghire College, Saswad


Co-Ordinator
DBT- STAR College


PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune



Department of Health, Education and Culture
State of Hawaii

Honolulu, HI 96813

Feb 2/ 1974

Apri Hawaii

To
The Honorable
Governor Walter Dillingham
Honolulu, HI

Subject: Invitation to Participate in conducting health check up for girl students under DECA High College Scheme

Dear Madam

It gives us an immense pleasure to invite you as a Participant in conducting health check up for girl. This program is arranged for our CA High school/higher girl students. Your guidance in this regard would be very useful to these students. As per your telephone conversation with Mr. H.V. Sumanan, student we have scheduled the training program on 06th March 1974 at 10:00 am onwards. Hope that will be comfortable for you.

Thanks & Regards

Yours sincerely


Deputy Director, Department
of Education, State of Hawaii



Waghire College of Arts, Commerce and Science

Saswad, Tal. Purandar, Dist. Pune, Pin-412301.

Affiliated to Savitribai Phule Pune University. Res-accredited at the 'B++' grade (CGPA 2.67) by NAAC.

ID No. PU/PN/ASC/033-1972 | Pune University Code No. 112 | H.S.C. Code No. J11-12-002 | AISHE Code - C - 41716
Ph. : (02115) 222524 | Fax : (02115) 222472 | E-mail : wc_saswad@pdeapune.org | www.pdea-wcs.org

Outward No. : WCS / 1373 / 1

Date : 9 / 3 / 2023

Appreciation letter

President
Ajit Pawar

Vice President
Jendra Ghadge

Hon. Secretary
Adv. Sandeep Kadam
Senale Member
Savitribai Phule Pune University, Pune

Treasurer
Adv. Motianrao Deshmukh

Dy. Secretary
L. M. Pawar

Principal
Dr. Sushama Bhosale

To,

Dr. Sunita Kale

Director , Shree maternity Nursing Home

Karve nagar , Pune.

Subject:- Regarding Health check up of girl students

Respected Madam,

We are thankful to you and your team for visiting our college in microbiology department, for conducting Health check up for our T.Y.B.Sc girls students. This program has surely helpful to our students for getting the knowledge of personal hygiene & gynaecological problems. It will help them in their day to day life. Your expertise in gynaecological field was valuable and very helpful for our students.

Hope to continue with this co-operation in future.

Thanks and Regards,

Yours Sincerely


PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

PDEA's
Waghire college of Art , Commerce & Science
Saswad .Tal- Purander,Dist - Pune
Organised By :- Microbiology Department(under DBT STAR Scheme 2022-23)
Gynecological check up for T.Y.B.Sc (microbiology) girl students
Attendance (08-03-2023)

S.N.	Name of student	Sign (08-03-2023)
1	MHETRE ANKITA VIJAY	A.Mhetre.
2	MULIK TANUJA JALINDAR	M.Mulik
3	OMBALE SAYALI	S.Ombale
4	BHONGALE NIKITA SHANTARAM	B.Nikita.
5	BORAWAKE ISHA ANIL	B.I.A.
6	BOTRE NEHA NAMDEV	N.Botre
7	PANGARE DIPALI	P.Pangare
8	CHIVHE VAISHNAVI DASHRATH	C.Chivhe
9	PANGARE TANUJA	P.Pangare
10	PAWAR SAKSHI NANDKUMAR	S.Pawar
11	DESHPANDE ANAGHA UMESH	A.Deshpande
12	DHUMAL APEKSHA RAMESH	A.Dhumal
12	GAIKWAD POONAM RAJARAM	P.Gaikwad
14	GAIKWAD SAKSHI UTTAM	S.Gaikwad
15	GAIKWAD SONALI RAMESH	S.Gaikwad
16	PRAJAPATI MEENAKSHI GOPAL	M.Prajapati
17	SURVE SAKSHI NITIN	S.Surve
18	TAKAWALE MAYURI SHRIRANG	M.Takawale
19	KALE SALONI SANDEEP	S.Kale
20	KALE SHWETA SANJAY	S.Kale
21	KAMTHE VAISHNAVI SAMBHAJI	V.Kamthe
22	THOPATE RAVINA ROHIDAS	R.Thopate
23	KAZI ALFIYA AJAJ	A.Kazi
24	KHARADE SHWETA PRAKASH	S.Kharade
25	TILEKAR SNEHAL RAVINDRA	S.Tilekar
26	KOLTE TANUJA VIKAS	T.Kolte
27	VISHWAKARMA LAXMI DINESH	L.Vishwakarma
28	KULKARNI MRUDULA	M.Kulkarni
29	MANE SRUSHTI AJIT	S.Mane
30	YADAV RAVINA GORAKH	R.Yadav
31	ZENDE TEJAL BAJIRAO	T.Zende


Girl students' Gynecological check up 8 March 2023




 **Saswad, Maharashtra, India**
1stnd floor,PDEA Waghira College, Swarna Nagarl, Saswad,
Maharashtra 412301, India
Lat 18.354877°
Long 74.028747°
08/03/23 12:55 PM GMT +05:30





 **Saswad, Maharashtra, India**
1stnd floor,PDEA Waghira College, Swarna Nagarl, Saswad,
Maharashtra 412301, India
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Long 74.028747°
08/03/23 12:56 PM GMT +05:30





PDEA'S
Waghire College of Arts Commerce and Science,
Saswad, Tal-Purandar, Dist-Pune
(2022-23)



**LECTURE SERIES
(Under DBT STAR scheme)**

On
'Scientific Writing and Communications'
Tuesday, 7th February 2023

Guest speaker:

Dr. Shital Shevate
Department of Microbiology,
Abasaheb Garware College,
Pune

The department of Microbiology had organised One day Lecture series (10.30 am to 12.30 pm and 1.30 pm to 3.30 pm) on **'Scientific Writing and Communications: Papers, Proposals and Presentations'** under **DBT star scheme** with the guidance of Principal, Dr. Pandit Shelake Sir for science teachers, TYBSc microbiology students and all science PG students on Tuesday, 7th February 2023 from 10-00 am to 3.00 pm.

Dr. Shital Shevate started her lecture with the basics of scientific writing style and composition. She tried to make the students aware of all the possible problems and errors, one would face during his or her research work and in a very simple way, she told them how to overcome these difficulties. She explained the application of these principles for scientific writing while preparing research papers, review articles and grant proposals. Students need to know the above said to successfully promote their research and career.

Most of the science teachers and students (total- 92) were present for these lectures. During inaugural programme, anchoring was done by Mrs. Shahin Pathan. Principal Dr. Pandit Shelake welcomed the honourable guest and delivered the motivational speech. Smt. Hemlata Sonawane, Head, Microbiology gave an introductory speech. Ms. Vishakha Ganvir gave introduction of the guest speaker. Mrs. Manasi Joshi expressed a vote of thanks.

The core of this inaugural programme was the felicitation and honour of our microbiology students for their various activities. Hon. Principal Dr. Shelake Sir honoured the best outgoing UG student (2021-22), Ms. Sakshi Wagh and the best outgoing PG student (2021-22), Mr. Akshay Roman. He also felicitated Mr. Kunal Darekar, the student representative (2022-23). Science coordinator, Prof. Bhujbal Sir honoured Mr. Avinash Badade, Taluka Pramukh, Shivsena Vidhyarthisena, Purandar. Dr. B. U. Mane, HOD, Zoology department felicitated and honoured Mr. Gaurav Khedekar, Rashtrwadi, Vidhyarthi Congress, Purandar Taluka Sampark-Pramukh.


Dr. Nita B. Patel
DBT Coordinator Micro.


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Tal. Purandar, Dist. Pune.



Waghire College of Arts, Commerce and Science

Saswad, Tal. Purandar, Dist. Pune, Pin-412301.

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|| Ph. : (02115) 222524 || Fax : (02115) 222472 || E-mail : wc_saswad@pdeapune.org || www.pdea-wcs.org

Outward No. : WCS / 1181 / 2022-23

Date : 01/02/2023

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Rajendra Ghadge

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Senate Member
Savitribai Phule Pune University, Pune

Treasurer
Adv. Mohanrao Deshmukh

Dy. Secretary
L. M. Pawar

Principal
Dr. P. N. Shelake

To,

Dr. Shital Shevate
Department of Microbiology,
Abasaheb Garware College,
Pune

Subject: Invitation as a Guest Speaker on, 'Scientific Writing and Communications: Papers, Proposals and Presentations'.....

Dear Madam,


We, department of Microbiology are organising a lecture on Scientific Writing under **DBT star scheme** for our TYBSc and MSc students on Tuesday, 7 February 2023. It is an immense pleasure to invite you as a Guest Speaker on, '**Scientific Writing and Communications: Papers, Proposals and Presentations**'.

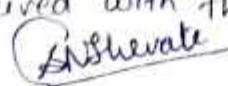
Your presence and guidance would be very useful for our students to learn the basics of scientific writing style and composition. They will know how to apply these principles for writing research papers, review articles, grant proposals, research statements, and resumes as well as to preparing academic presentations and posters. Students need to know and to master to successfully promote their research and career.

As per our telephonic conversation, we have scheduled the lecture on **7th February 2023 from 10.00 am to 3.00 pm**. Hope it will be suitable for you.

We humbly request you to share your ID proof and first page of your bank passbook for further procedure.

Thanks. and regards,


Dr. N. B. Patil

Received with thanks,



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Waghire College, Saswad,
Tal. Purandar, Dist. Pune.



Waghire College of Arts, Commerce and Science

Saswad, Tal. Purandar, Dist. Pune. Pin-412301.

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|| Ph. : (02115) 222524 || Fax : (02115) 222472 || E-mail : wc_saswad@pdeapune.org || www.pdea-wcs.org

Outward No. : WCS / 1220/22-23

Date : 7/2/2023

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Ajit Pawar

Vice President
Rajendra Ghadge

Hon. Secretary
Adv. Sandeep Kadam
Senate Member
Savitribai Phule Pune University, Pune

Treasurer
Adv. Mohanrao Deshmukh

Dy. Secretary
L. M. Pawar

Principal
Dr. P. H. Shelake

To,

Dr. Shital Shevate
Department of Microbiology,
Abasaheb Garware College,
Pune

Subject: Vote of thanks letter

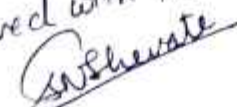
Dear Madam,

I, on behalf of my staff members, students and Pune District Education Association would like to thank you for giving excellent presentation on, **'Scientific Writing and Communications: Papers, Proposals and Presentations'**, organised for our TYBSc and MSc students on Tuesday, 7 February 2023, under **DBT Star Scheme** by department of Microbiology of our college.

The easy and beautiful way of delivering a lecture by you, made this learning very interesting, meaningful and vital.

Thanks, and regards,


Dr. N. B. Patil.

Received with thanks.



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Tal. Purandar, Dist. Pune



PDEA'S
Waghire College of Arts Commerce and Science,
Saswad, Tal-Purandar, Dist-Pune
(2022-23)



Department of Microbiology

NOTICE FOR SCIENCE TEACHERS 03/02/2023

Respected Heads and Staff members of Science Faculty are hereby informed that the department of Microbiology is organising a lecture on, '**Scientific Writing and Communications: Papers, Proposals and Presentations**' under **DBT star scheme** for our TY BSc and MSc students on Tuesday, 7 February 2023 from 10.30 am to 2.30 pm in hall no. G14.

We are cordially inviting all of you and students of MSc of all science departments to attend and get benefit of this lecture. The lecture would be very useful for our students to learn the basics of scientific writing style and composition. They will know, how to apply these principles for writing research papers, review articles, grant proposals, research statements, and resumés as well as to preparing academic presentations and posters. Students need to know and to master to successfully promote their research and career.

H. Sawane
Head

Department of Microbiology
Waghire College, Saswad

P. P. P.

PRINCIPAL

Waghire College, Saswad,
Tal. Purandar, Dist. Pune.



PDEA'S
Waghire College of Arts Commerce and Science,
Saswad, Tal-Purandar, Dist-Pune
(2022-23)



Department of Microbiology

NOTICE FOR STUDENTS

03/02/2023

Dear students of all science departments are hereby informed that the department of Microbiology is organising a lecture on, '**Scientific Writing and Communications: Papers, Proposals and Presentations**' under DBT star scheme for our TY BSc and MSc students on Tuesday, 7 February 2023 from 10.30 am to 2.30 pm in hall no. G14.

We are cordially inviting all of you to attend and get benefit of this lecture. The lecture would be very useful for our students to learn the basics of scientific writing style and composition. They will know, how to apply these principles for writing research papers, review articles, grant proposals, research statements, and resumés as well as to preparing academic presentations and posters. Students need to know and to master to successfully promote their research and career.

J. Sawane
Head

Department of Microbiology
Waghire College, Saswad

P. P. P. P.
Principal

PRINCIPAL

Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

PDEA's

Waghire College of Arts, Commerce and Science

Saswad, Tal-Purandar, Dist-Pune

Organised by:- Microbiology Department (Under DBT STAR scheme 2022-23)

Guest Lecturer:- Dr. Shital Shevate Date 7th Feb 2023 Time 10.30 am onwards

Topic: Scientific writing and communication: Papers, Proposals and Presentation

ATTENDANCE

Sr. No.	Name	Sign	Sr. No.	Name	Sign
1.	Kalguni Peadip Sapkal	[Signature]	40.	Suptiya Rajendra Memane	[Signature]
2.	Pote Sangall Drip	[Signature]	41.	Bhuyal Nikita Bhulchandra	[Signature]
3.	Jagdale Meenal Digambar	[Signature]	42.	Pawar Tanuja Bhanudas	[Signature]
4.	Pathan Sahel Javed	[Signature]	43.	Takawale Mayuri Shrirang	[Signature]
5.	Bhaskar Tanvi Sudam	[Signature]	44.	Borawake Isha Adil	[Signature]
6.	Khedekar Ganur Bapu	[Signature]	45.	Surve Sakshi Nitin	[Signature]
7.	Langhi Hemant Ramdas	[Signature]	46.	Prajapati Meenakshi G.	[Signature]
8.	Balgude Supriya Rajendra	[Signature]	47.	Kalte Saloni Sandeep	[Signature]
9.	Kharat Preeti Parakash	[Signature]	48.	Malik Tanuja Dalindaz	[Signature]
10.	Kumbhakar Samsar Ramchandra	[Signature]	49.	Sands Gauhari Vilas	[Signature]
11.	Pawar Ashish Balaso	[Signature]	50.	Patil Raksha Gopalkrishna	[Signature]
12.	Pawar Prasad Chandra	[Signature]	51.	Salunke Mohini Uttam	[Signature]
13.	Gaikwad Tanmay Vithal	[Signature]	52.	Gaikwad Piyanka Musalihal	[Signature]
14.	Avimash Balasa Balade	[Signature]	53.	Chaudhari Rutik R.	[Signature]
15.	Shaikh Shoaib Mumin	[Signature]	54.	Kopar Yash Arun	[Signature]
16.	Zende Harshad Vilas	[Signature]	55.	Mhette Aditya Sunil	[Signature]
17.	Dorekar Kunal Ramesh	[Signature]	56.	Shinde Prashant Pralhad	[Signature]
18.	Tikkal Dipak	[Signature]	57.	Khetkar Vithal Bhanudas	[Signature]
19.	Prathamesh Gorde	[Signature]	58.	More Mayur Sumnath	[Signature]
20.	Pronali S. Karde	[Signature]	59.	More Aditya Pundurang	[Signature]
21.	Dhurnal Apeksha Ramesh	[Signature]	60.	Vedpathak Pratik Dinesh	[Signature]
22.	Kalte Tanuja Vikas	[Signature]	61.	Kalte Pratik Sanjay	[Signature]
23.	Pawar Sakshi Nandkumar	[Signature]	62.	Pawar Garvav Pratik	[Signature]
24.	Zende Tejal Bajirao	[Signature]	63.	Pawar Pranav Subhash	[Signature]
25.	Satre Neha Nandev	[Signature]	64.	Bahirat sumit Yashade	[Signature]
26.	Kaut Vaishnavi Madhuk	[Signature]	65.	Gavade Vihari Dnyanesh	[Signature]
27.	Bhosale Rasika Rajendra	[Signature]	66.	Barkade Prasad Balu	[Signature]
28.	Kumbhar Anika Rajendra	[Signature]	67.	Barkade Rutvik Subhash	[Signature]
29.	Patilkar Arati Parvati	[Signature]			
30.	Patil Prajakata Ramchandra	[Signature]			
31.	Sonwane Aditi Sachin	[Signature]			
32.	Karde Putuja Rajendra	[Signature]			
33.	Wagh Sakshi Suryakant	[Signature]			
34.	Kharane Rutuja Rishikesh	[Signature]			
35.	Khedekar Harshada Bapu	[Signature]			
36.	Gaikwad Poojam Poojam	[Signature]			
37.	Jadar Pooja Georakh	[Signature]			
38.	Kalte Shweta Sanjay	[Signature]			
39.	Kamthe Vaishnavi Sambhaji	[Signature]			

Dr. Nita Patil
DBT, Microbiology

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Tal. Purandar, Dist. Pune.

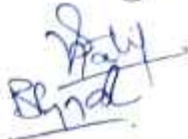




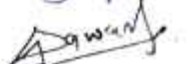






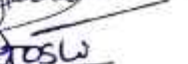
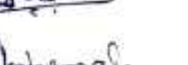
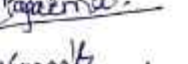
PTO →

For Teachers

Name

Mobile NO.

Sign.

1. Dr. V. V. Patankar	7387140511	
2. Dr. B. S. Madhankar	9421607166	
3. Thopate Priti S	8308652702	
4. Borawake S. P.	7218821122	
5. Komal S. Chauhan	9975981313	
6. Yadav Apeksha M	9604859718	
7. Sawant Swati	9545349781	
8. Komthe Komal	9145377757	
9. Pathan Shalin	7218800574	
10. Rane Supriya M.	9822098216	
11. Patil N. B.	88876154004	Patil
11. Smt. Sonawane H. V.	9822055683	
12. Dr. Patil N. B.	9763295697	
13. Joshi Manasi	9163583476	
14. Gejarmal Komal	7743814915	
15. Ganvir Vishakha	9890340142	



Dr. Nita Patil
DBT Coordinator
Microbiology

PRINCIPAL

Waghire College, Sawad
Tal. Purandar, Dist. Pune

Memories



PDEA'S
Waghire College of Arts Commerce and Science,
Saswad, Tal-Purandar, Dist-Pune
GUEST LECTURE (Under DBT STAR scheme)
On 'Future in Life Sciences'
Date: 02/02/2023

Guest speaker: Dr.SanjeevPatankar,
National Coordinator, Microbiologist Society of India

Under DBT Star scheme, the department of Microbiology had organised a guest lecture on "Future in Life Sciences" for T. Y. B. Sc. students, on 2nd Feb 2023 at 10.30 a.m. The lecture was organized to make students aware of the opportunities available in Life Sciences. As this year is turning point in their life and they should know different prospects in the field they are studying. We had an immense presence of an eminent personality **Dr.SanjeevPatankar**, National Coordinator, Microbiologist Society of India, as a resource person to share his knowledge and expertise in the said topic.

He discussed a variety of topics besides the typical sectors, including defence, agriculture, nutrient supplementation, and several competitive tests that these students might consider.. He claims that one benefit life science students have over other graduates is that they are needed in a lot more varied industries.

Lastly he urged & motivated students to come forward and study hard for their better future. All faculty members of Life Sciences departments were present for a lecture. Introduction of the program was given by Ms. Hemlata V. Sonawane. Dr Nita B. Patil introduced the guest to audience and vote of thanks was given by Ms.Manasi Joshi.


Head
Department of Microbiology
Waghire College, Saswad


Co-Ordinator
DBT- STAR College


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Waghire College, Saswad
Tal. Purandar, Dist. Pune.



Waghire College of Arts, Commerce and Science

Saswad, Tal. Purandar, Dist. Pune, Pin-412301.

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Outward No. : WCS / 1172 / 22-23

Date : 30 / 11 / 2023

President
Ajit Pawar

Vice President
Rajendra Ghadge

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Savitribai Phule Pune University, Pune

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Principal
Dr. Pandit Shelke

To,

Dr. Sanjeev Patankar

National Convenor, Microbiologist Society, India


Subject: Invitation as Guest lecturer under DBT Star College Scheme

Respected Sir,

It gives us an immense pleasure to invite you as a guest lecturer to deliver a talk on "Future in Life Sciences.". We have scheduled this lecture for our T.Y.B.Sc. students. These pupils will find your presentation quite helpful in learning about the various job fields that are offered. We have planned the lecture for Thursday, February 2, 2023 at 10.30 am in accordance with your telephone talk with Ms. H. V. Sonawane.

We hope that is acceptable to you.

Thanks and Regards


PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

PDEA's

Waghire College of Art's, Commerce & Science, Saswad

Department of Microbiology

Notice for Students

Date: 30/01/2023

All the T.Y.B.Sc. students are hereby informed that under DBI Star College Scheme, a guest lecture is organized by the department of Microbiology. This lecture is arranged on Thursday 2nd February 2023 at 10.00 am and will be delivered by Dr.Sanjeev Patankar, National Convenor, Microbiologist Society, India, on topic "Future in Life Sciences". This session will be very useful to you for your future planning.


Head
Department of Microbiology
Waghire College, Saswad


PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

DBT Star College Scheme,
Department of Microbiology

Guest lecture by Dr. Sanjeev Patankar
on 2nd feb 2023

Sr. No.	Name of the Students	Mobile No.	Sign
1	Chaudhari Rutik R.	7057470399	<u>Chaudhari</u>
2	Pawar Kartik R.	9860967008	<u>K.R.Pawar</u>
3	Gurav Viraj Vijay	9923429273	<u>Gurav</u>
4	Kale Pratik Sanjay	9404214940	<u>Kale</u>
5	Shinde Prashant P.	8805359382	<u>Shinde</u>
6	More Mayur Somnath	9028945795	<u>More</u>
7	Mhetre Aditya Sunil	89156897372	<u>Mhetre</u>
8	Khute Vaidhyanath Bhanudas	9022973388	<u>Khute</u>
9	Shirke Sandip Tamaji	9074925320	<u>Shirke</u>
10	Vedpathak Pratik Dinesh	9206805050	<u>Vedpathak</u>
11	Pawar Pravin Subhash	7773960449	<u>Pawar</u>
12	Pawar Gaurav Rajendra	7757997771	<u>Pawar</u>
13	Chavan Kunal Sachin	8237168869	<u>Chavan</u>
14	Kapare Yash Arun	7447411488	<u>KAPARE</u>
15	Shaikh Sahabaji Mehrez Khan	7558689572	<u>Shaikh</u>
16	Aravale Vishal Ramchandra	9021851278	<u>Aravale</u>
17	More Aditya Pancharam	9357713563	<u>More</u>
18	Yadav Ravina Gorakh	9021094997	<u>Yadav</u>
19	Gaikwad Poojam Rajaram	7498352084	<u>Gaikwad</u>
20	Deshpande Anagha Umesh	7820817965	<u>Deshpande</u>
21	Chivhe Vaishnavi D.	7447351845	<u>Chivhe</u>
22	Dhumal Apaksha Ramesh	9821933534	<u>Dhumal</u>
23	Lurve Sakshi Nitin	9665021898	<u>Lurve</u>
24	Brajapati Meenalabi Kapal	969964392	<u>Brajapati</u>
25	Mane Srushti Ajit	8459824864	<u>Mane</u>
26	Gaikwad Sonali Ramesh	9322723536	<u>Gaikwad</u>
27	Gaikwad Sakshi Uttam	8767628353	<u>Gaikwad</u>
28	Thopate Ravina Rohidas	9356574650	<u>Thopate</u>
29	Takawale Mayuri Smitrajy	7276376973	<u>Takawale</u>
30	Borawake Isha Anil	7447227614	<u>I.A.Borawake</u>
31	Khataole Shweta Prakash	1101955225	<u>Khataole</u>
32	Pangare Dipali Dattatray	9322725967	<u>Pangare</u>
33	Mhetre Ankita Vijay	7888279643	<u>Mhetre</u>
34	Kazi Alfiya Ajay	7887867874	<u>Kazi</u>
35	Tilkar Sneha Ravindra	7620485391	<u>Tilkar</u>
36	Kamthe Vaishnavi Sambhaji	9561500953	<u>Kamthe</u>
37	Zende Tejal Bajirao	9970851995	<u>T.B.Zende</u>
38	Vishwakarma Laxmi Dinesh	9552207331	<u>Laxmi</u>
39	Botre Neha Namdev	9403207958	<u>Botre</u>

40. Mulik Tanuja Jalindar. 9410189965 Tanuja
41. Kale Shweta Sanjay 7522967573 Barkade
42. Kale Saloni Sandeep 1666404629 Saloni
43. Kotte Tanuja Vikas 9175939659 Kotte
44. Pawar Sakshi Nandkumar 9083945879 Pawar
45. Barkade Rutvik Subhash 9359238981 Barkade
- 46) Barkade Prasad Balu 7620529735 Barkade

J. Borawane
Head
Department of Microbiology
Waghire College, Saswad



Guest lecture by 'Dr. Sanjeev Patankar' on topic
'Future in Life Sciences' Date 2/2/2023. (Thu) 10:30 am - 12:30 pm

Date:- 10th Sept. 2022

**PDEA's Waghire College, Saswad
Department of Zoology
2022-2023**


Notice for F.Y.B.Sc. And S.Y.B.Sc Zoology students

This is to inform all the students, that the Department of Zoology is organizing a Guest Lecture on "Road Deaths of Wildlife and Precautionary measures to be taken" for the students on 12th September, 2022.

The lecture ~~aims~~ aims to raise awareness about the causes of Road Deaths of Wildlife and Precautionary measures to be taken.

Students should attend the lecture on 12th September, 2022, at 10.00 am to 12.00 noon in Zoology Laboratory.


Dept Co-ordinator


HOD
Dept. of Zoology
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.


PDEA's Waghire College, Saswad
Department of Zoology
2022-2023

Report on Guest Lecture on "Road deaths of Wildlife and Precautionary measures to be taken" organized under the DBT- STAR College Scheme

The Zoology department had organized a guest lecture on "Road deaths of Wildlife and Precautionary measures" on 12/9/2022 for the F.Y. and S.Y. B. Sc. Zoology students from 10.00 am to 12.00 noon. The speaker for the lecture was Mr. Pandurang Madane, a Wildlife Conservationist and former student of Waghire College. The main objective of organizing this lecture was to make the student understand the importance of loss of Wildlife due to the accidents occurring with the wild animal while crossing the roads and the precautionary measures that can be taken to save them when injured on roads. He explained through various examples how the wild animals like snakes, foxes, rabbits, hyena, birds etc. lose their lives while crossing the road in the villages or forest region adjoining the villages at night time. Since proper help does not reach them on time and also due to lack of proper medical knowledge for primary treating of the wildlife, many animals succumb to death. He explained how certain precautionary measures taken by the people like calling a veterinary doctor, forest officials and police; putting a cloth on the injured animal to calm or soothe it; tying a torque around the animal's injured body part can save the life of a wild animal. 50 Students benefitted from the above lecture.




Dept. Coordinator


HEAD
Dept. of Zoology
Waghire College, Saswad
Tal. Purandar, Dist. Pune.


DBT Co-Ordinator
Co-Ordinator
DBT- STAR College


Principal
PRINCIPAL
Waghire College, Saswad,
Tal. Purandar, Dist. Pune

Guest lecture on "Road deaths of wildlife and Precautionary measures to be taken"

Zoology 12/09/2022

Page No.
 Date

- 1] More Aditya Pandurang More
- 2] Gaurav Viraj Vijay Gaurav
- 3] Shailesh Vijay Chauhan Shailesh
15/11/2021
- 4] Pawar Pranav Subhash Pawar
- 5] Kapare Yash Arun Kapare
- 6] Band Aniket Sushil Band
- 7] Mhetre Aditya Sunil Mhetre
- 8] Deskar Amit Dinkar Deskar
- 9] More Mayur Somnath More
- 10] Kale Pratik Sanjay Kale
- 11] Kulkarni Shubham Dadasa Kulkarni
- 12] Memane Sourabh Narayan Memane
- 13] Barkade Prasad Balu Barkade
- 14] Ravi Subhash Barkade Ravi
- 15] Rastkar Gaurav Santosh Rastkar
- 16] Bhandalkar Abhijit Laxman Bhandalkar
- 17] Katarke Rohit Dnyanobhu Katarke
- 18] Dudhal Sourabh Sunil Dudhal
- 19] Shinde Prashant Pratik Shinde
- 20] Pawar Gaurav Rohidas Pawar
- 21] Girme Sakshi Shivaji Girme
- 22] Pawar Vaishnavi Vishwas v.v.Pawar
- 23] Chivhe Vaishnavi Dashrath Chivhe
- 24] Jagtap Rudnya Santosh Jagtap
- 25] Shendkar Sakshi Dattatray S.D. Shendkar
- 26] Nale Supriya Subhash Nale
- 27] Shinde Jyoti Tanaji Shinde
- 28] Shendkar Pradnya Vishwas Shendkar
- 29] Thikole Teepi Anna Thikole
- 30] Jagtap Neha Shantaram Neha
- 31] Dhumal Apeksha Ramesh Dhumal
- 32] Shinde Ashwini Ramdas Shinde
- 33] Jagtap Meenakshi Gopal Jagtap

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| 84] | Pise Anushka Santosh | <u>Pise</u> |
| 85] | Deshpande Anagha Umesh | <u>Deshpande</u> |
| 36] | Kapare Priti Kailas | <u>Kapare</u> |
| 87] | Kale Saloni San deep | <u>Kalni</u> |
| 88] | Kale. Shweta Sanjay | <u>Kale</u> |
| 39] | Mulik Tanuja Jalindar | <u>Tanuja</u> |
| 40] | Tanwade siddhi Dattatray | <u>Tanwade</u> |
| 41] | Pawar Sakshi Nandakumar | <u>Pawar</u> |
| 42] | Pangare Pradnya Rajesh | <u>Pangare</u> |
| 43] | Mhetre Ankita Vijay | <u>AM</u> |
| 44] | kazi Alfiya Ajaj | <u>A.A.Kazi</u> |
| 45] | Gite pmti Vasudev | <u>Gite</u> |
| 46] | Borawake. Isha Anil | <u>I.A.Borawake</u> |
| 47] | Takawale Mayuri Shrirang | <u>M.S.Takawale</u> |
| 48] | Gaikwad Rutuja Subhash | <u>Gaikwad</u> |
| 49] | Zende Tejal Bajirao | <u>T.B.Zende</u> |
| 50] | Kamthe Vaishnavi Sambhaji | <u>V.S.Kamthe</u> |

Bhal
Dept Co-ordinator

Misra
Head
HEAD
Dept. of Zoology
Waghire College, Saswad,
Tal. Purandar, Dist. Pune. !

Doty
DBT Co-ordinator
Co-Ordinator
DBT- STAR College

P
PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

Date: 23rd April, 2023


**PDEA's Waghire College, Saswad
Department of Zoology
2022-2023**


Notice for F.Y.B.Sc. and S.Y.B.Sc Zoology students

This is to inform all the students, that the Department of Zoology is organizing a Guest Lecture "Snakes, snake bite awareness and precautionary measures" for the students on 25th April, 2023.

The lecture ~~will~~ aims to raise awareness about the importance of snakes, their types and precautionary measures taken after snake bite.

Students should attend the lecture from 25th April, 2023, at 10.00 am to 3.00 pm in Zoology Laboratory.

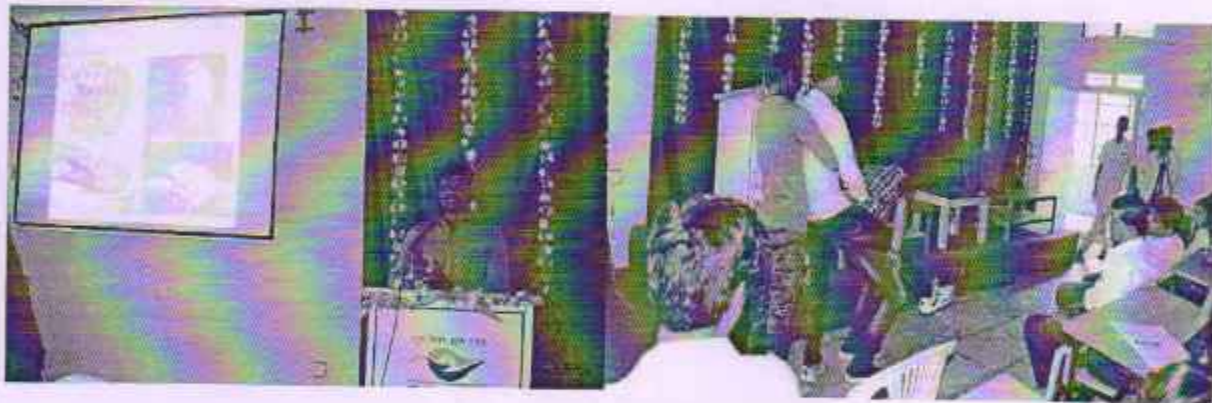

Dept Co-ordinator


HEAD
Dept. of Zoology
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

PDEA's Waghire College, Saswad
Department of Zoology
2022-2023

Report on Guest Lecture on "Snakes, snake bite awareness and precautionary measures to be taken after snake bite" organized under the DBT- STAR College Scheme

The Zoology department had organized a guest lecture on Basic Entomology on 25/4/2023 for the F.Y. and S.Y. B. Sc. Zoology students. The speaker for the lecture was Mr. Dattatray Murkute, a Wildlife Conservationist and Snake rescuer. The main objective of organizing this lecture was to make the student understand the difference between the venomous and non-venomous snakes, the identification of these snakes, characteristic features of certain venomous snakes found in Purandar tehsil, the basic precautionary measures while moving in snake occurring areas like grasslands, garbage dumping grounds, forests etc. the difference between the snake bites based on wound marks and the necessary first aid treatment measures to be taken after the snake bites. 48 students were benefitted from this lecture.



Bhawal
Dept. Coordinator

Dattatray
HEAD
Dept. of Zoology
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

Dattatray
DBT Coordinator
Co-Ordinator
DBT- STAR College

P
PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

Guest lecture on "Snakes, Snake bite awareness and precautionary measures to be taken after snake bite"

FYB&ESYBSC Zoology Guest Lecture

Date 25/04/23

- | | |
|-------------------------------|-----------------------|
| 1] Chauhan Shailesh Vijay | <u>Chauhan</u> |
| 2] Gavade Vishal Ramchandra | <u>Gavade</u> |
| 3] Gurav Viraj Vijay | <u>Gurav</u> |
| 4] Kuteke Rohit Dhyanoba | <u>Kuteke</u> |
| 5] Patil Gaurav Janardan | <u>Patil</u> |
| 6] Garud Shivam Vyanktrao | <u>Garud</u> |
| 7] Jagtap Vipul Kundlik | <u>Jagtap</u> |
| 8] Bobirat sumit Mahadev | <u>Sumit</u> |
| 9] Dudhal Sureshb Sunil | <u>Sureshb</u> |
| 10] Kadam Rushikesh Santosh | <u>Kadam</u> |
| 11] Chavan Kunal Sadashiv | <u>Chavan</u> |
| 12] Kapare Yash Arun | <u>Kapare</u> |
| 13] Gale Pratik Sanjay | <u>Gale</u> |
| 14] More Mayur Somnath | <u>More</u> |
| 15] Kale Pratik Sanjay | <u>Kale</u> |
| 16] Pawar Gaurav Rohidas | <u>Pawar</u> |
| 17] Chaudhari Pratik Ravindra | <u>Chaudhari</u> |
| 18] Thikole Teephi Anag | <u>Thikole</u> |
| 19] Jagtap Neha Shantaram | <u>Neha</u> |
| 20] Dhurnal Apesha Ramesh | <u>Dhurnal</u> |
| 21] Shinde Jyoti Tanaji | <u>Shinde</u> |
| 22] Pise Anushka Santosh | <u>Pise</u> |
| 23] Nale Supriya Subhash | <u>Nale</u> |
| 24] Katke Sanika Devidas | <u>Katke</u> |
| 25] Shinde Ashwini Ramdas | <u>Shinde</u> |
| 26] Jagtap Pradya Santosh | <u>Pradya</u> |
| 27] Sakshi Dattategy Shendkar | <u>S. D. Shendkar</u> |
| 28] Surve Akshai Nitin | <u>Surve</u> |
| 29] Rajapoti Meenakshi Gopal | <u>Rajapoti</u> |
| 30] Mhetre Ankita Vijay | <u>Mhetre</u> |
| 31] Kazi Alfiya Ajaj | <u>Kazi</u> |

- | | | |
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| 32] | chivhe Vaishnavi Dashrath | Chivhe |
| 33] | Pawar Vaishnavi Vishwas | V.V. Pawar |
| 34] | Kolte Tanuja Vikas | Kolte |
| 35] | Betse Neha Namdev | Betse |
| 36] | Pangore Dipali Dattatray | Pangore |
| 37] | Ombale Sayali Surykant | Ombale |
| 38] | Kulkarni Mrudula Dattatray | M. Kulkarni |
| 39] | Mane Saushiti Ajit | Anane |
| 40] | Ranandawase sayali vilas | Rajali |
| 41] | Takawale Mayuri Shrinang | Ms. Takawale |
| 42] | Borawake Isha Anil | I. A. Borawake |
| 43] | Jadhav Sapana Sanjay | Sapana |
| 44] | Deshpande Anagha Umesh | Deshpande |
| 45] | Tilkar Snehal Ravindra | Snehal |
| 46] | more Aditya Pandurang | More |
| 47] | Shinde Prashant Pralhad | Shinde |
| 48] | Pawar Pranav Subhash | Pawar |

Shrinang
Dept. Co-ordinator

Shrinang
DBT Co-ordinator
Co-Ordinator
DBT-STAR College

Prakash

Head
HEAD

Dept. of Zoology
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

Prakash
PRINCIPAL

Waghire College, Saswad
Tal. Purandar, Dist. Pune.

PDEA's Waghire College, Saswad
Department of Zoology
2022-2023


Notice for F.Y. B.Sc. Zoology and S.Y.B.Sc Zoology students

This is to inform all the students, that the Department of Zoology is organizing "Vector Borne Diseases and Water Borne Diseases its Control- Lecture Series" for the students from 2nd to 10th January, 2023.

The lecture series aims to raise awareness about the importance of "Vector Borne Diseases and Water Borne Diseases it's Control, the role of vector, and their significance in improving health and how to control spread of the diseases.

Students should attend the lecture series from 2nd to 10th January, 2023 at 10.00 am to 1.00 pm in Zoology Laboratory.


Dept Co-ordinator


HOD
Dept. of Zoology
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

PDEA'S

**Waghire College of Arts, commerce and Science, Saswad,
Taluka Purander, Dist.Pune
Department of Zoology**

**“Vector Borne Diseases and Water Borne Diseases its Control- Lecture Series”
Organized by Zoology Department under the DBT- STAR College Scheme
2nd to 10th January, 2023**

For many decades, vector-borne diseases have been a major health burden for both underdeveloped and developing countries, including India. With better preparedness, the threat of climate change on vector-borne diseases may be negated. Rains during monsoon increase not only the risk of vector-borne diseases such as malaria, dengue, chikungunya but also that of food and water borne diseases as well as other skin infections. A greater risk of diseases such as dengue, malaria, seasonal influenza, leptospirosis, chikungunya, enteric fever, etc co-exists in COVID-19 cases. During covid pandemic to bring about the awareness among students, the lecture series was conducted by the Zoology department of Waghire College had organized Seven days Lecture series titled **““Vector Borne Diseases and Water Borne Diseases its Control”** on 2nd January to 10th January, 2023 under the DBT- STAR College scheme. During this lecture series, eminent guest speaker Dr. Vinod G. Sutaone on vector borne and water borne diseases.

On 2nd January, 2023 after the inaugural function, Dr. V.G. Sutaone, Training Consultant of Maharashtra State, from Joint Director of Health Services, Malaria, Filariasis and Water borne Diseases, Indira Nagar, Phulenagar, Yerawada, Pune, Maharashtra 411006 conducted a lecture Series on **“Vector Borne and WBD Diseases”**

On 2nd January 2023 he informed the students about the **“Chikungunya Disease”**, its lifecycle of mosquito, biology, spread, symptoms, Treatment and control of the disease. Chikungunya is transmitted to humans by the bites of infected female mosquitoes.

On 3rd January 2023 he informed the students about the disease **“Dengue”**, the virus, lifecycle of its vector (mosquito), biology, spread, symptoms,

Treatment and control of the disease. He spoke on how small adoptive measures can be taken to control in day to day life by layman too. Small measures to Prevent Mosquito Bites like Use insect repellent, Tips for babies and children, Natural insect repellents (repellents not registered with EPA), Treat clothing and gear, steps to control mosquitoes indoors and outdoors, how to Prevent Mosquito Bites When Traveling Overseas. The virus is transmitted to humans through the bites of infected female mosquitoes, primarily the *Aedes aegypti* mosquito. Other species within the *Aedes* genus can also act as vectors, but their contribution is secondary to *Aedes aegypti*.

On 4th January 2023 he informed the students about the disease "Filariasis / Elephantiasis", the virus, lifecycle of its vector (mosquito), biology, spread, symptoms, Treatment and control of the disease. Several species in the genera *Culex* can transmit the infective larvae that cause lymphatic filariasis. In Maharashtra *Culex quinquefasciatus* is a vector of lymphatic filariasis / Elephantiasis.

On 5th January 2023 he informed the students about the disease "Japanese Encephalitis", the virus, lifecycle of its vector (mosquito), biology, spread, symptoms, Treatment and control of the disease. He spoke on how small adoptive measures can be taken to control in day to day life by layman too. A small measure to prevent mosquito Bites. Japanese encephalitis virus (JEV) is a flavivirus related to dengue, yellow fever and West Nile viruses, and is spread by mosquitoes. JE virus is transmitted to humans through the bite of infected *Culex* species mosquitoes, particularly *Culex tritaeniorhynchus*.

On 6th January 2023 he informed the students about the disease "Kala Azar", the virus, lifecycle of its vector (Sand fly), biology, spread, symptoms, Treatment and control of the disease. He spoke on how small adoptive measures can be taken to control in day to day life by layman too. Visceral leishmaniasis is commonly known as kala-azar (KA), a word coined in the late nineteenth century in India, which means "black disease", referring to the greyish or blackish discoloration of the skin during infection, from the Hindi word for black (kala) and the Persian word for disease (azar). Kala-azar is a slow progressing

indigenous disease caused by a protozoan parasite of genus *Leishmania*. In India *Leishmaniadonovani* is the only parasite causing this disease.

On 7th January 2023 he informed the students about the disease "Malaria", the virus, lifecycle of its vector (mosquito), biology, spread, symptoms, Treatment and control of the disease. He spoke on how small adoptive measures can be taken to control in day to day life by layman too. In the case of malaria, the vector is the *Anopheles* mosquito and the disease-causing organism is the malaria parasite. Humans and female *Anopheles* mosquitoes are both considered to be the parasite's hosts.

Vector Borne Diseases and its control - Lecture Series

MALARIA

- 40% of the world's population lives in endemic areas
- 3-500 million clinical cases per year
- 1.5-2.7 million deaths (90% Africa)
- increasing problem (re-emerging disease)
 - resurgence in some areas
 - drug resistance (↑ mortality)
- causative agent =
 - *Plasmodium* species
 - protozoan parasite
 - members of Apicomplexa
 - 4 species infecting humans
- transmitted by anopheline mosquitoes

- *P. falciparum*
- *P. vivax*
- *P. malariae*
- *P. ovale*

Kaplan, Shalita, Immunology (2011), Quinn (1993)

WAYS TO REDUCE MALARIA DISEASE

- Prevent Mosquitoes
- Protect of Area
- Use of Mosquito Netting
- Early Intervention
- Use of Mosquito Repellent
- Use of Mosquito Larvicide

Dr. Vinod Sutaone delivering his talk and presentation on vector borne disease

On 9th January 2023 he informed the students about the "ZikaVirus", its lifecycle of mosquito, biology, spread, symptoms, Treatment and control of the disease. Zika is transmitted to humans by the bites of infected mosquitoes. Most commonly, the mosquitoes involved is *Aedes*. The species can also transmit other mosquito-borne viruses, including dengue. They bite throughout daylight hours,


although there may be peaks of activity in the early morning and late afternoon. There is no specific treatment for Zika virus. So prevention is better than cure.

On 10th January 2023 he talked on "Water Borne Diseases", Purification of water, cause and spread, symptoms, Treatment and control of the water borne disease. He spoke on how small adoptive measures can be taken to control in day to day life by layman too. Small measures to prevent water purification. Steps to control water infection indoors and outdoors, how to protect our self during travelling Overseas. Water a life-giving liquid can also be a life-taking lethal fluid. Around 3.1% of deaths in the world are due to unhygienic and poor quality of water. Poor water quality becomes inevitable when water gets polluted with industrial waste, human waste, animal waste, garbage, untreated sewage, chemical effluents, etc. Drinking or cooking with such polluted water leads to waterborne diseases and infections such as amoebiasis, giardiasis, and toxoplasmosis.

Dr. Vinod G. Sutaone explained the students what a Mosquito is; types of mosquitoes; identification of disease causing mosquitoes, the economy involved in mosquito transmitted diseases etc.

Through the Lecture series, F.Y. and S.Y B.Sc. students were benefitted.


Depart. Co-ordinator


HEAD
Dept. of Zoology
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.


DBT - Scheme Coordinator
Co-Ordinator
DBT- STAR College


PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

Lecture series on vector Borne Disease
2nd to 10th Jan. 2023

- | | |
|-------------------------------|----------------------|
| 1] Kale Pranjali Santosh | <u>§ale</u> |
| 2] more samruddhi Mahendra | |
| 3] Ghante Neha Dnyaneshwar | <u>GHante</u> |
| 4]. Choudhari Sanika Vishal. | <u>Choudhari</u> |
| 5] Chavan shravani Rajendra | <u>Chavan</u> |
| 6] Bhintade Nikita Ganesh | <u>NB</u> |
| 7] Karnavar Swarnjali Bapu | <u>Swarnjali</u> |
| 8] Pawar Ankita Ramdas | <u>Pawar</u> |
| 9] Mahangade Suhani Ganesh | <u>Suhani</u> |
| 10] Shinde Akshada Paakash | <u>Ashinde</u> |
| 11] Badadke Sheavani Rohidas | <u>S. A. Badadke</u> |
| 12] Shelke Yashashri Jalindar | <u>Yshelke</u> |
| 13] Khaladkar Snehal Ganesh | <u>Snehal</u> |
| 14] Khomane Dipali Ramesh | <u>Khomane</u> |
| 15] Yadav Sakshi Shankar | <u>Sakshi</u> |
| 16] Hirave Ritesh Appasa | <u>Ritesh</u> |
| 17] Nhalke Neha Santosh | <u>N.S. Nhalke</u> |
| 18] Radam Aishwarya Nitin | <u>A. M. Radam</u> |
| 19] Gaikwad Dnyaneshwarji R. | <u>Diceal</u> |
| 20] Thorat Tanuja Sambhaji | <u>Thorat</u> |
| 21] Kakade Sai Avinash | <u>Kakade</u> |
| 22] Barne Devdatta Satyawada | <u>Barne</u> |
| 23] Gaikwad omkar Subhash | <u>omkar</u> |
| 24] Gejage Sahil Sameer | <u>Sahil</u> |
| 25] Desai Ruturaj Gauradatta | <u>Dr R. Desai</u> |
| 26] Dhumal Siddharth Ramesh | <u>Dhumal</u> |
| 27] Pawar Shivam Shajaji | <u>Pawar</u> |
| 28] Zende Santhak Devidas | <u>Zende</u> |

- | | |
|---------------------------------|----------------------|
| 24. Lanjewar Manasvi Rajkumar | <u>Manasvi</u> |
| 30. Pat Jayshree Vijay | <u>Jayshree</u> |
| 31. Memane Shravani Gorakhnath | <u>Shravani</u> |
| 32. Kadam Bhavana Ravindra | <u>B.R. Kadam</u> |
| 33. Titekam Aarti Laxman | <u>Aritekam</u> |
| 34. Kamthe Snushti Mohan | <u>S.M. Kamthe</u> |
| 35. Khaladkar Snushti Sanjay | <u>Snushti</u> |
| 36. Parathe Trupti Anil | <u>Trupti</u> |
| 37. Sayyad Sanuja N | <u>Sayyad</u> |
| 38. Jagtap Tejas J Ramdas | <u>Tejas</u> |
| 39. Shirke Rupesh Rajendra | <u>R. R. Shirke</u> |
| 40. Mirase Vyankateshwar Kishan | <u>Mirase</u> |
| 41. Kamthe Devdatta Sopan | <u>Devdatta</u> |
| 42. Khengame Vikram Anil | <u>Vikram</u> |
| 43. Jagtap Kundan Dattatray | <u>Kundan Jagtap</u> |
| 44. Jadhav Om Somnath | <u>Jadhav</u> |
| 45. Modak Abhishek Babu | <u>Abhishek</u> |
| 46. Sonawane Himanshu Prakash | <u>Himanshu</u> |
| 47. Jagdale Ashwini Sanjay | <u>Ashwini</u> |
| 48. Dalvi Pooja Ravindra | <u>Pooja</u> |
| 49. Pandhara Bhumika Vijay | <u>Bhumika</u> |
| 50. Kakade Vaishnavi Sambhaji | <u>Vaishnavi</u> |
| 51. Korde Tejal Dilip | <u>Korde</u> |
| 52. Katakate Shweta Sambhaji | <u>Shweta</u> |
| 53. Molite Pallavi Suresh | <u>Molite</u> |
| 54. Katakate Payal Mahesh | <u>Payal</u> |

Lecture series on vector Borne diseases
2nd to 10th Jan. 2023

- 1) Kale Pranjali Santosh Kale
- 2) More Samruddhi Mahendrey M.R.
- 3) Ghante Neha Dnyaneshwar Ghante
- 4) Choudhari Sanika Vishal Choudhari
- 5) Bhintade Nikita Ganesh KB
- 6) Chavan Shravani Rajendra Chavan
- 7) Karnaverr Swarnajai Bapu Swarnajai
- 8) Pawar Ankita Ramdas Pawar
- 9) Mahangade Suhani Ganesh Mahangade
- 10) Shinde Akshada Prakash Ashinde
- 11) Sheavani Rohidas Badadhe S.R. Badadhe
- 12) Shelae Yashashri Jalindae Shelae
- 13) Khaladkar Snehal Ganesh Snehal
- 14) Nhalve Neha Santosh N.S. Nhalve
- 15) Gaikwad Omkar Subhash Omkar G.
- 16) Hirave Ritesh Appasa Hirave
- 17) Radam Aishwarya Nitin A. N. Radam
- 18) Thorat Tanuja Sambhaji Thorat
- 19) Gaikwad Dnyaneshwar R. Radhe
- 20) Khomae Dipal Ramesh Khomae
- 21) Yadav Sakshi Shankar Yadav
- 22) Navikar Disha Laxman Navikar
- 23) Kakade Sai Avinash Kakade
- 24) Buthe Devdatta Satyewar Buthe
- 25) Dhumal Siddharth Ramesh D. Dhumal
- 26) Pawar Shivam Shubhoji Pawar
- 27) Zende Santhak Devidas Zende
- 28) Gejage Sahil Sameer Gejage
- 29) Desai Ruturaj Gurusdatta Desai

24. Lanjewar manasvi Rajkumar Kidaru

25. Pod Jaysheer Vijay Jaysheer

26. Mlemane Bhavani Gorakhnath Bhavani

27. Kadam Bhavana Ravindra B.R. Kadam

28. Telam Ananti Laxman Anelam

29. Kamthe Srushti Mohan S.M. Kamthe

30. Khaladkar srushti sanjay Srushti

31. Panthe ~~Tarupti~~ Anil Tarupti

32. Sayyad Saniya H Saniya

33. Jagtap TEJAS Ramdas Tejas

34. Surke RUPESH Rajendra P.R. Surke

35. Mirase Vyankateshwar Kishan Vyankatesh

36. Kamthe Dewdatta Sopan Dewdatta

37. Khengare Vikram Anilush Vikram

38. Jagtap Kundan Dattatray Kundajagtap

39. Jadhav om Somnath O. Jadhav

40. Modak Abhishek Babu AM

41. Jagtap Payal Prashant Jagtap

42. Sonawane Himani Prakash HP

43. Jagdale Ashwini Sanjay AJ

44. Dahi Pooja Ravinder P

45. Pandhane Bhumika Vijay Bhumika

46. Kekade Vaishnavi Sambhaji Vaishnavi

47. Konde Tejal Dilip Konde

48. Kalkar Shweta Sambhaji Shweta

49. Mohite Pallavi Suresh P. Mohite

50. Katakate Payal Anilush Anilush

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Co-Ordinator
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Lecture series on vector Borne Diseases

r.m.u. Name of Student ^{2nd to 10th} Jan-2023 Sign.

- 1) Kale Pranjali Santosh. Kale
- 2) more samruddhi mahendra me
- 3) Ghante Neha Dnyaneshwar Ghante
- 4) Choudhari Sanika Vishal Chudhi
- 5) Chavan Shrawani Rajendra Chavan
- 6) Bhintade Nikita Ganesh NB
- 7) Suhani Ganesh Mahangade Suhani
- 8) Pawar Ankita Ramdas Pawar
- 9) Shinde Akshada Prakash Ashinde
- 10) Karnavar Swarnajali Bapu Swarnajali
- 11) Sheavani Rohidas Badadhe S.R. Badadhe
- 12) Shelare Yashashei Jalinda Shelare
- 13) Khaladkar Snehal Ganesh Snehal
- 14) Nhalva Neha Santosh N.S. Nhalva
- 15) Gaikwad Omkar Subhash Omkar
- 16) Dhumal Siddharth Ramesh Dhumal
- 17) Balke Dardatta Satyewar Balke
- 18) Zende Saurabh Devidas Zende
- 19) Hirave Ritesh Appaso Ritesh
- 20) Pawar Shivam Shataji Pawar
- 21) Desai Ruturaj Gurudatta R. Desai
- 22) Gejage Sahil Sameer Sahil
- 23) Gaikwad Dnyaneshwarji Ramesh Gaikwad
- 24) Kakade Sai Avinash Kakade
- 25) Nazirka Diksha Laxman Nazirka
- 26) Kadam Aishwarya Nitin A.N. Kadam
- 27) ~~Gaikwad Dnyaneshwarji~~

- 28. Lanjewad Manasvi Rajkumar Manasvi
- 29. Pol Jayshee Vijay Jaytheekal
- 30. Memane Shravani Gorakhnath Shrabi
- 31. Kadam Bhavana Ravindra B.R. Kadam
- 32. Tilakam Aarti Laxman Aritekar
- 33. Kamthe Srushti Mohan S.M. Kamthe
- 34. Khaladkar Srushti Sanjay Srushti
- 35. Panthe Trupti Anil Trupti
- 36. Sayyed Sanjeev M Sayyed
- 37. Jagtap Tejas Ramdas Tejas
- 38. Mirase Vyankateshwar Kishan Mirase
- 39. Switke Rupesh Rajendra P.P. Switke
- 40. Kamthe Duddatta Sopan Kamthe
- 41. Khengare Vikram Ankuh Khengare
- 42. Jagtap Kundan Dattatray Kundanjagtap
- 43. Jadhav Om Somnath. O. Jadhav
- 44. Modak Abhishek Babu Om
- 45. Jagdale Ashwini Sanjay Jagdale
- 46. Jagtap Payal Prashant Jagtap
- 47. Dahi Pooja Ravindra Pooja
- 48. Sonawane Himani Prakash Himani
- 49. Pandhase Bhumika Vijay Bhumika
- 50. Kakade Vaishnavi Sambhaji Vaishnavi
- 51. Korde Tejal Dilip Korde
- 52. Mohite Pallavi Suresh P. Mohite
- 53. Katakare Payalmbhaskar P. Katakare

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Lecture series on vector Borne Diseases
2nd to 10th Jan 2023

- 1) Kale Pranjali Santosh Kale
- 2) More Samruddhi Mahendra More
- 3) Ghante Neha Dnyaneshwar Ghante
- 4) Choudhari Sanika Vishal. Choudhari
- 5) Chavan Shrawani Rajendra Chavan
- 6) Bhintade Nikita Ganesh Bhintade
- 7) Karnavar Swarnajai Bapu Swarnajai
- 8) Pawar Ankita Ramdas Pawar
- 9) Shinde AKShada Prakash Shinde
- 10) Mahangade Suhani Ganesh Mahangade
- 11) Badathe Sheaveni Rohidas S.R.Badathe
- 12) Thorat Taruja Sambhaji Thorat
- 13) Kadam Aishwarya Nitin A.N.Kadam
- 14) Hirave Ritesh Appaso Ritesh
- 15) Gaikwad Dnyaneshwar Ramesh Gaikwad
- 16) Khomane Dipali Ramesh Khomane
- 17) Yadav Sakshi Shankar Yadav
- 18) Nuzum Diksha Laxman Nuzum
- 19) Bame Devdatta Satyaween Bame
- 20) Gaikwad Omkar Shubhash Gaikwad
- 21) Pawar Shivam Shahaji Pawar
- 22) Zende Santhak Devidas Zende
- 23) Dhumal Siddharth Ramesh Dhumal
- 24) Desai Ruturaj Gurusiddhanta Desai
- 25) Gejage Sahil Sameer Gejage
- 26) Shelke Yashashri Jalinda Shelke
- 27) Kakode Sai Avinash Kakode

- 28. Lanfewaa Manasvi Rajkumar Manasvi
- 29. Pod Jaysheee Vijay Jaysheekha
- 30. Memane Shravani Gorakshnath श्रावणी
- 31. Kadam Bhavana Ravindra B.R.Kadam
- 32. Titekam Aarti Laxman Aritekam
- 33. Kamthe Srushti Mohan S.mikamthe
- 34. Khaladkar Srushti Sanjay Srushti
- 35. Parthe Trypti Anil Trypti
- 36. Sayyad saniya N Sayyad
- 37. Jagtap Tejas Ramdas Tejas
- 38. Shirke Rupesh Rajendra R.P.Shirke
- 39. Mirase Vyankateshwar Kirhan Vyankatesh
- 40. Shirke Rupesh Rajendra R.R.Shirke
- 41. Kamthe Devdatta Sopan Devdatta
- 42. Khengare Vikram Anikush Vikram
- 43. Jagtap Kundan Dattatray Kundanjagtap
- 44. Jadhav Om Somnath Om Jadhav
- 45. Modale Abhishek Babu Abhishek
- 46. Sonawane Himani Prakash Himani
- 47. Jagtap Payal Prashant Payal
- 48. Jagdale Ashwini Sanjay Ashwini
- 49. Dalvi Pooja Ravindra Pooja
- 50. Pardham Bhumika vijay Bhumika
- 51. Kakade Vaishnavi Sambhaji Vaishnavi
- 52. Konde Tejal Dilip Tejal
- 53. Katakate Shweta Sambhaji Shweta
- 54. Mohite Pallavi Suresh Pallavi
- 55. Katakate Payal Mahesh Payal

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6/01/23

M.Y. B.Sc. + S.Y. B.Sc.
Lecture Series on Vector Borne Diseases
2nd to 10th Jan. 2023

No.	Name of the student	Sign
①	Siddesh Sunil Pawar	<u>Siddesh</u>
②	shendage shradha shankar	<u>S.S.shendage</u>
③	kapare Aniketa Rohidas	<u>kapare</u>
④	Salve Snehal Laxman	<u>Salve</u>
⑤	Kapare Swapna Namdev	<u>S.w.kapare</u>
⑥	gadhave Rutuja Sanjay	<u>R.S.gadhave</u>
⑦	Pawar Ketaki Tulshiram	<u>Ke</u>
⑧	Adhalage shweta Rajesh	<u>S.R.Adhalage.</u>
⑨	Kudale Saloni Santosh	<u>Kudale</u>
⑩	Kapare Sakshi Sudam	<u>Sakshi</u>
⑪	Memane Shravani Gorakhnath	<u>shravani</u>
⑫	Tilakam Ananti Laxman	<u>Anilam</u>
⑬	kadam Bhavani Ravindra	<u>B.R.kadam</u>
⑭	khaladkar snehiti sanjay	<u>snehiti</u>
⑮	Kamthe Sushiti Mohan	<u>S.m.kamthe</u>
⑯	Pamthe Trupti Anil	<u>Trupti</u>
⑰	Pol Jayshree Vijay	<u>Jayshree</u>
⑱	Tanjewar Manasvi Rajkumar	<u>Manasvi</u>
20	Sayyad Saniya N	<u>Sayyad</u>
20	Mirase Vyankateshwar Kishan	<u>Mirase</u>
21	Jagtap Tejas Ramdas	<u>Tejas</u>
22	Burke Pooja Rajendra	<u>P.Burke</u>
23	Kamthe Devedatta Sopan	<u>Devedatta</u>
24	Khengare Vikram Ankuash	<u>Vikram</u>
25	Jagtap Kunalan Dattatray	<u>Kunalan</u>
26	Jadhav Om Somnath	<u>Om</u>
27	modak Abhiskel Babu	<u>Ab</u>
28	Sonawane Himani Prakash	<u>Himani</u>
29	Jagdale Ashwini Sanjay	<u>Ashwini</u>
30	Dulvi Pooja Ravinder	<u>Pooja</u>
31	Pandhase Bhumika Vijay	<u>Bhumika</u>
32	kakade vaishnavi sambhaji	<u>vaishnavi</u>
33	Konde Tejal Dilip	<u>Konde</u>

- 34) Katakic shweta sambhaji ~~sk~~
- 35) Mohite Pallavi suresh Pmolute
- 36) Katakic Payal mpastku Pmpastaku
- 37) Jagtap Payal Prashant ~~agtap~~

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F.Y. B-SC. & S-Y B-SC.

7/01/23

Lecture series on vector Borne Diseases

2nd to 10th Jan-2023

Sr. no.	Name of the student	Signature
1	Ghadage Dhanashree Balaso	<u>D. Ghadage</u>
2	Kad Yogita Sanjay	<u>Y Kad</u>
3	Pawar Vaishnavi Vitthal	<u>Vaishnavi</u>
4	Tanawade vaishnavi sachin	<u>Tanawade</u>
5	Shinde Neha Rajendra	<u>N Shinde</u>
6	Shirke Tejas Bapurao	<u>T Shirke</u>
7	shirke omkar tarraji	<u>O Shirke</u>
8	shendage shraddha shankar	<u>S. S. shendage</u>
9	Pawar Siddesh Sunil	<u>S Pawar</u>
10	kapare Ankita Rohidas	<u>A Kapare</u>
11	Salve snehal laxman	<u>S Salve</u>
12	Kapare Swafna Namdev	<u>S. N. Kapare</u>
13	Gradhare Rutuja Sanjay	<u>R. S. Gradhare</u>
14	Pawar Ketaki Tulshiram	<u>K Pawar</u>
15	Adhalage shweta Rajesh	<u>S. R. Adhalage</u>
16	Kapare Sakshi Sudam	<u>Sakshi</u>
17	Kudale sandoni santosh	<u>A Kudale</u>
18	Memane shravani Gorakhnath	<u>S Memane</u>
19	Kadam Bhavana	<u>B. R. Kadam</u>
20	Khaladkar snushti sanjay	<u>S. S. snushti</u>
21	Kamthe snushti Mohan	<u>S. M. Kamthe</u>
22	Tilakam Aarti Laxman	<u>A Tilakam</u>
23	Pantne Trupti Anil	<u>T Trupti</u>
24	Pal Jayshree Vijay	<u>J Pal</u>
25	Lanjewar Manasvi Rajkumar	<u>M Lanjewar</u>
26	Sayyad Suniya N	<u>S Sayyad</u>
27	Mirase Vyankateshwar K.	<u>V Mirase</u>
28	Jagtap Tejas Ramdas	<u>T Jagtap</u>
29	Shirke Rupesh Rajanikant	<u>R. P. Shirke</u>
30	Kamthe Devdatta somnath	<u>D Kamthe</u>
31	Khengare Vikram Anikush	<u>V Khengare</u>
32	Jagtap Kundan Dattatray	<u>Kundanjagtap</u>
33	Jadhav om Somnath	<u>O. S. Jadhav</u>
34	Modak Abhishek Babu	<u>A. M. Modak</u>

- 35) Jagdale Ashwini sanjay ASJ
- 36) Dalvi Poja Ravindea DR
- 37) sonawane Himani Prakash SH
- 38) Pandhac Bhumika vijay Bhumika
- 39) Karkade vaishnavi sambhaji vaishnavi
- 40) Konde Tejal Dilip Konde
- 41) Mokite Peellavi suresh Pmokit
- 42) Kataké Payal mhaske mkatake
- 43) Jagtap Payal Prashant Jagtap
- 44) Kataké shweta sambhaji sk
- 45) Kataké Payal mhaske mkatake

Payal
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Beena
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Shilpi
DBT Coordinator
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Principal
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Tal. Purandar, Dist. Pune.

Lecture series on vector Borne Diseases
2nd to 10th Jan, 2023

- 1) Kale pranjali santosh Male
- 2) more samruddhi maharaja DR
- 3) Ghante Neha Dnyaneshwar NGhante
- 4) choudhari Sanika Vishal. Ashadhi
- 5) Bhintade Nikita Ganesh RB
- 6) chavan shravani Rajendra SRChavan
- 7) karnavar Swaranjali Bapu Swarnajali
- 8) Pawar Ankita Ramdas Pawar
- 9) Mahangade suhani Ganesh Su
- 10) Shirde Akshada Prakash Akshada
- 11) Nhalve Neha Santosh N.S.Nhalve
- 12) Gaikwad omkar subhash omkar
- 13) Dhumal Siddharth Ramesh SDhumal
- 14) Desai Rutvij Gurudatta R.Desai
- 15) Khaladkar Snehal Ganesh Snehal
- 16) Badadhe Sheavani Rohidas S.R.Badde
- 17) kakade Sai Avinash. Sakade
- 18) Gejage sahil Sameer Sahil
- 19) Pathe Devdatta Satjewar Pathe
- 20) Zende sarthak Devidas Zende
- 21) Hirave Ritesh Appasa Ritesh
- 22) Kadam Aishwarya Nitin A.N.Kadam
- 23) Shelae Yashashri Jalindae Shelae
- 24) Thorat Tanuja Sambhaji Thorat
- 25) Gaikwad Dnyaneshwar Ramesh Dnyaneshwar
- 26) Pawar shivam shahaji Pawar

- | | |
|---------------------------------|----------------------|
| 27. Lanjewar manavi Rajkumar | <u>Manavi</u> |
| 28. Pole Jaysheer Vijay | <u>Jaysheer</u> |
| 29. Memane Shravani Gorakhnath | <u>Shravani</u> |
| 30. Kadam Bhavana Ravindra | <u>B.R. Kadam</u> |
| 31. Titelkam Aarti Luxman | <u>A. Titelkam</u> |
| 32. Kamthe Srushti Mohan | <u>S.M. Kamthe</u> |
| 33. Khaladkar Srushti Sanjay | <u>Srushti</u> |
| 34. Parthe Trypti Anil | <u>Trypti</u> |
| 35. Sayyad Sanjeev N | <u>Sanjeev</u> |
| 36. Jagtap Tejas Ramdas | <u>Tejas</u> |
| 37. Shirke Rupesh Rajendra | <u>Rupesh</u> |
| 38. Mirase Vyankateshwar Kishan | <u>Vyankateshwar</u> |
| 39. Kamthe Devdatta Sopan | <u>Devdatta</u> |
| 40. Khenyare Vikram Anilish | <u>Vikram</u> |
| 41. Jagtap Kundan Dattatray | <u>Kundan Jagtap</u> |
| 42. Jadhav Om Somnath | <u>O. Jadhav</u> |
| 43. Modak Abhishek Babu | <u>Abhishek</u> |
| 44. Jagtap Payal Prashant | <u>Payal</u> |
| 45. Sonawane Himani Prakash | <u>Himani</u> |
| 46. Jagdale Ashwini Sanjay | <u>Ashwini</u> |
| 47. Dahvi Pooja Ravinder | <u>Pooja</u> |
| 48. Pandhase Bhumika Vijay | <u>Bhumika</u> |
| 49. Karkade Vaishnavi Sambhaji | <u>Vaishnavi</u> |
| 50. Konde Tejal Dilip | <u>Tejal</u> |
| 51. Katarke Shweta Sambhaji | <u>Shweta</u> |
| 52. Molite Pallavi Suresh | <u>P. Molite</u> |
| 53. Katarke Payal Mahesh | <u>Payal Katarke</u> |

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Lecture Series on vector Borne ID Diseases
2nd to 10th Jan. 2023

- 1) Kale Pranjali Santosh Scale
- 2) more samuddhi mahendra M.S
- 3) Ghante Neha Dnyaneshwar A. Ghante
- 4) Choudhari Sanika Vishal. Ashadhi
- 5) Chavan Shravani Rajendra. S. Chavan
- 6) Bhintade Nikita Ganesh. N.B.
- 7) karnavar Swarnajani Bapu. Swarnajani
- 8) Pawar Ankita Ramday. Pawar
- 9) Mahangade Suhani Ganesh. S.M.
- 10) Baidarhe Shreavani Rohidas. S.R. Baidarhe
- 11) Shinde Akshada Prakash. A. Shinde
- 12) Radam Aishwarya Nitin. A. N. Radam
- 13) Hirave Ritesh Ritesh
- 14) Thorat Tanuja Sambhaji. Thorat
- 15) Gaikwad Dnyaneshwari Ramesh. Gaikwad
- 16) Khomane Dipati Ramesh. Khomane
- 17) Yadav Sakshi Shankar. Sakshi
- 18) Nazirka Diksha Laxman. Nazirka
- 19) Nhalu Neha Santosh. N.S. Nhalu
- 20) Kakade Sai Avinash. A. Kakade
- 21) Gaikwad omkar subhash. omkar
- 22) Bane Durdatta Satyawans. Bane
- 23) Shelae Yarshashri Jalindra. Shelae
- 24) Dhumal Siddharth Ramesh. S.Dhumal
- 25) Pawar Shivam Shabaji. Pawar
- 26) Zende Santhak Devidas. Zende
- 27) ~~Se~~ Gejage Sahil Sameer. Sahil
- 28) Desai Ruturaj Gurudatta. R. Desai

- 1) Lanjewad Manasvi Rajkumar
- 2) Pol Jaysheer Vijay
- 3) Memane Shrawani Gorkhnath
- 4) Kadam Bhavana Ravindra
- 5) Titekar Acuti Laxman
- 6) Kamthe Srushti Mohan
- 7) Khaladkar Srushti Sanjay
- 8) Pamthe Trupti Anil
- 9) Sayyad Saniya N
- 10) Jagtap Tejas Ramdas
- 11) Mirase Vyankateshwar Kishan
- 12) Shirke Rupesh Rajendra
- 13) Kamthe Devidatta Sopan
- 14) Khengare Vikram Ankush
- 15) Jagtap Kundan Dattatray
- 19) Jadhav Om Samnath
- 20) Modak Abhishek Babu
- 21) Jagtap Payal Prashant
- 22) Sonawane Himani Prakash
- 23) Jagdale Ashwini Sanjay
- 24) Dalvi Raja Ravindra
- 25) Pandhane Bhumika Nijay
- 26) Kakade Vaishnavi Sambhaji
- 27) Korde Tejat Dilip
- 28) Katakhe Shweta Sambhaji
- 29) Mowite Pallavi Suresh
- 30) Katakhe Payal Mahesh

- Lanjewad
Jaysheer
Shrawani
B.R.Kadam
Acuti
S.M.Kamthe
Srushti
Trupti
Sayyad
R.
Mirase
Rupesh
Kamthe
Khengare
Kundajagtap
Jadhav
Modak
Jagtap
Shir
ASJ
R.
Bhumika
Vaishnavi
Korde
Katakhe
Mowite
Katakhe

Ranad
 DEPT. COORDINATOR

Mowite
 HEAD
 Dept. of Zoology
 Waghire College, Saswad,
 Tal. Purandar, Dist. Pune.

Tejat
 DBT CO-ORDINATOR
 Co-Ordinator
 DBT-STAR College

Mowite
 PRINCIPAL
 Waghire College, Saswad
 Tal. Purandar, Dist. Pune.

Date: 13 March, 2023

**PDEA's Waghire College, Saswad
Department of Zoology
2022-2023**

Notice for F.Y.B.Sc. and S.Y.B.Sc Zoology students

This is to inform all the students, that the Department of Zoology is organizing a Guest Lecture on "Vermicomposting" for the students on 15th March, 2023.

The lecture ~~aims~~ aims to raise awareness about the importance of earthworm in farmer's life, cultivation of crops using Vermicompost and Vermicomposting as a way to natural farming, Vermicomposting as a business.

Students should attend the lecture from 15th March, 2023, at 9.30 am to 1.30 pm in Zoology Laboratory.

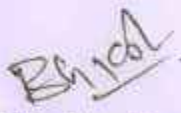
Bejal
Dept Co-ordinator


Bejal
HOD
Dept. of Zoology
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

PDEA's Waghire College, Saswad
Department of Zoology
2022-2023

Report on Guest lecture on Vermicomposting under DBT Scheme

The Zoology department had organized a guest lecture on Vermicomposting on 15/03/2023 for the students of F.Y.B. Sc. and S.Y. B.Sc. Zoology from 9.30 am to 1.30 pm. The main objective of organizing this lecture was to make the student understand the importance of vermicomposting in agricultural use. Vermicompost is a natural product obtained from earthworms. It enhances plant growth and causes maximum yield in plants. Vermicomposting provides self-employment too. Mr. Prashant Borawake, Environmentalist and Coordinator of Paani Panchayat NGO explained to the students, the different types of earthworms, the useful species observed in Saswad, vermicomposting process, the vermicompost bed and benefits of using the vermiwash and vermicompost in farming and gardening instead of inorganic fertilisers. 46 students benefitted from this lecture.


Dept. Coordinator


HEAD
Dept. of Zoology
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.


DBT Coordinator
Co-Ordinator
DBT- STAR College


PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

- 1] chivhe vaishnavi Dashrath @chivhe.
- 2] Pawar Vaishnavi Vishwas v.v.Pawar
- 3] Girme Sakshi Shivaji ~~Salm~~
- 4] Tanwade Siddhi Dattatray Stanwade
- 5] Tilkar Snehal Ravindra ~~Snehal~~
- 6] Botke Neha Namdev ~~Neeta~~
- 7] Kolte Tanuja Vikas ~~Kolte~~
- 8] Thopate Ravina Rohidas ~~Thopate~~
- 9] Mulik Tanuja Jalindar ~~Tanuja~~
- 10] Kale Shweta Sanjay ~~Kale~~
- 11] Kale Saloni Sandeep ~~Kaleni~~
- 12] Kakade Rutuja Bajarang ~~Kakade~~
- 13] Shingade Pratibha Kamalakar ~~Shingade~~
- 14] Shendkar Tejal Bhanudas ~~Shendkar~~
- 15] More Vaishnavi Sanjay ~~More~~
- 16] Thikole Tepti Anna ~~Thikole~~
- 17] Pawar Meenakshi Bipal ~~Pawar~~
- 18] Kathe Sanika Devidas ~~Kathe~~
- 19] Nale Supriya Subhash ~~Nale~~
- 20] Kamthe Vaishnavi Sambhaji ~~V.S.Kamthe~~
- 21] Gaikwad Rutuja Subhash ~~Gaikwad~~
- 22] Pawar Sakshi Nandkumar ~~Pawar~~
- 23] Zende Tejal Bajirao T.B.Zende
- 24] Kulkarni Niradula Dattatray ~~Kulkarni~~
- 25] Pangare Dipati Dattatray ~~Pangare~~
- 26] Pangare Tanuja Pandurang ~~Pangare~~
- 27] Ambale Sayali Surykant ~~Ambale~~
- 28] Limbhare Payal Dhananjay ~~Limbhare~~
- 29] Jagtap Neha Shantaram ~~Jagtap~~
- 30] Admal Apeksha Ramesh ~~Admal~~
- 31] Chauhan Shailesh Vijay ~~Chauhan~~

~~Rev. Prof.~~
Dept. Co-ordinator

~~Prof.~~
Head
HEAD
Dept. of Zoology
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

~~Dr.~~
DBT Co-ordinator

~~Prin.~~
Principal
PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

Co-Ordinator
DBT- STAR College

~~Dr.~~
~~Dr.~~

Dr. Jyoti S. Patil
Dr. Anurag S. Patil

PDEA'S
Waghire College of Arts Commerce and Science,
Saswad, Tal-Purandar, Dist-Pune
(2022-23)

**ONE DAY WORKSHOP
(Under DBT STAR scheme)**

ON
'Mind Power and Stress Management'
(मनाची अमर्याद शक्ती व तणाव मुक्ती)
Tuesday, 17th January 2023

Guest speaker:

Dr. Datta Kohinkar
Mind power trainer and Author
Pune.

The department of Microbiology had organised One day Workshop on 'Mind Power and Stress Management' (मनाची अमर्याद शक्ती व तणाव मुक्ती) under the guidance of Principal Sir, Dr. Pandit Shelake for teachers, administration staff and students on Tuesday, 17th January 2023 from 10-00 am to 2.00 pm. Principal Dr. Rajshri Chavan, SGRS college of Pharmacy and their staff members were also invited for the program.

Guest speaker, Dr. Datta Kohinkar is a mind power trainer and an author. He write articles in various newspapers like Sakal, Lokmat, Pudhari, Punya-Nagari, Agrowan, Prabhat, Maharashtra Times. Television channels such as ABP Mazza, Zee 24 Tas, Sam Marathi, Dur-Darshan and Aakash Wani frequently organise his motivational speech. The book entitled 'Manachi Mashagat' written by him awarded a quality of 'Best Seller'. He was a director of 'Vipassana Dhan Kendra' for 14 years and a chairman of the same for 2 years. He was the trustee of 'Vishwa Shakti International Foundation'. He got an opportunity of getting training on Mind power and stress management from Mr. Sunil Parekh, a student of Jack Canfield, America. Over a period of last 28 years, he is busy as a trainer in number of workshops organised by various industries, institutes, colleges and schools. He has been honoured by different 85 awards and has a contribution in social work. Hon. Nitin Gadkari, Maharashtra Govt., honoured him by 'Mahatma Gandhi Vyasanmukti' award. He has been also awarded Neharu Yuva Prerana" award by Govt. of India. He is a doctorate of Vishwakarma Institute.

All teachers, administration staff members and students (total- 96) were present for this workshop. Honourable guest Dr. Datta Kohinkar inaugurated the function by 'Sarswati Poojan' Anchoring of the program was done by Mrs. Manasi Joshi. Principal Dr. Pandit Shelake welcomed the honourable guest. Smt. Hemlata Sonawane, Head, Microbiology delivered the introductory speech. Dr. Nita Patil gave introduction of the guest speaker. Ms. Vishakha Ganvir expressed vote of thanks.


Dr. Nita Patil


PRINCIPAL
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

या कार्यशाळेत प्रमुख वक्ते म्हणून माईड पॉवर ट्रेनर डॉ. दत्ता कोहिनकर यांनी 'मनाची अमर्याद शक्ती व तणाव मुक्ती' या विषयावर उपस्थितांना मार्गदर्शन केले. याप्रसंगी बोलताना माईड पॉवर ट्रेनर डॉ. दत्ता कोहिनकर म्हणाले, मन प्रमुख आहे. सारा निसर्ग संसार मानवी मनाचा खेळ आहे. हजार युद्ध जिंकण्यापेक्षा मनाचा एक युद्ध जिंकणारा योद्धा सर्वश्रेष्ठ असतो. त्यामुळे मनाला आपल्या ताब्यात ठेवण्यासाठी दहा दिवसाची विपश्यना करा व शरीरामाठी रोज व्यायाम करा. याप्रसंगी त्यांनी हृदयसुखीत घेय्य साध्य करण्यासाठी आकर्षणाचा सिद्धांत, स्वयं सूचनेचे महत्त्व, यासारख्या अनेक गोष्टींवर सविस्तर विवेचन करून प्रात्यक्षिके दाखवली व तणाव मुक्तीच्या टिप्स दिल्या. महाविद्यालयाचे प्राचार्य डॉ. पंडित शेळके साहेब फार्मसी महाविद्यालयाचे प्राचार्य डॉ. राजश्री चव्हाण, उपप्राचार्य डॉ. संपत जगदाळे, डॉ. सुभाष वाळूळ उपस्थित होते.

Notice for Students and Teachers:

13:36

WCS Senior only Notices
only admins can send messages

Dr. Datta Kohinkar conducted Mind Power seminar for police officers and commandos.

I love My India

Dr. Dattakohinkar

सूचना,
दि. 16.01.2023
महाविद्यालयातील सर्व शिक्षक व शिक्षकेतर कर्मचारी यांना सूचित करण्यात येते कि, मंगळवार, दि. 17.01.2023 या दिवशी सकाळी 10.00 ते दुपारी 2.00 या वेळेत आपण सूक्ष्मजीवशास्त्र विभागाच्या वतीने, 'DBT star' या योजनेअंतर्गत आपल्या सर्वांसाठी कार्यशाळा आयोजित करित आहोत.

विषय:- "मनाची अमर्याद शक्ति व तणाव मुक्ती".....
वक्ते:- डॉ. दत्ता कोहिनकर (माईड पॉवर ट्रेनर व लेखक)

आपल्या सर्वांची उपस्थिती प्रार्थनीय आहे.
सूक्ष्मजीवशास्त्र विभाग.....
प्राचार्य.....

13:43

MScII 22-23
Sonawane Madam, Vishakha, Wcs, Wcs...

सूचना,
दि. 16.01.2023
महाविद्यालयातील सर्व शिक्षक व शिक्षकेतर कर्मचारी यांना सूचित करण्यात येते कि, मंगळवार, दि. 17.01.2023 या दिवशी सकाळी 10.00 ते दुपारी 2.00 या वेळेत आपण सूक्ष्मजीवशास्त्र विभागाच्या वतीने, 'DBT star' या योजनेअंतर्गत आपल्या सर्वांसाठी कार्यशाळा आयोजित करित आहोत.

विषय:- "मनाची अमर्याद शक्ति व तणाव मुक्ती".....
वक्ते:- डॉ. दत्ता कोहिनकर (माईड पॉवर ट्रेनर व लेखक)

आपल्या सर्वांची उपस्थिती प्रार्थनीय आहे.

Dr. Nita Patil

PRINCIPAL
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.



Waghire College of Arts, Commerce and Science

Saswad, Tal. Purandar, Dist. Pune, Pin-412301.

Affiliated to Savitribai Phule Pune University | Re-accredited at the 'B+' grade (C-GPA2,67) by NAAC

|| ID No. PU/PN/ASC/033-1972 || Pune University Code No. 112 || H.S.C. Code No. J11-12-002 || AISHE Code : C - 41716
|| Ph. : (02115) 222524 || Fax : (02115) 222472 || E-mail : wc_saswad@pdeapune.org || www.pdea-wcs.org

Outward No. : WCS/ 1090/22-23

Date : 16/1/2023

President
Ajit Pawar

Vice President
Rajendra Ghadge

Hon. Secretary
Adv. Sandeep Kadam
Senior Member
Savitribai Phule Pune University, Pune

Treasurer
Adv. Mohanrao Deshmukh

Dy. Secretary
L. M. Pawar

Principal
Dr. Pandit Shelke

To,

Shri. Dr. Datta Kohinkar
Mind Power Trainer and Author,
Pune

Subject: Invitation as a Mind Power Trainer and Speaker.....

Dear Sir,

It is an immense pleasure to invite you as a Mind Power Trainer and Speaker in a Workshop entitled, "**Manachi Amaryad Shakti Ani Tanav Mukti**". It has been organised for students and teaching as well as nonteaching staff by Microbiology department of our college.

Your presence and guidance would be very useful for us to eliminate negative thinking, learn to work with thought forms and energy, increased health and vitality, clarity for solving any problem in one's life and become your best self.

As per our telephonic conversation, we have scheduled the lecture on **17th January 2023 from 10.00 am to 2.00 pm**. Hope it will be suitable for you.

We humbly request you to share your ID proof and first page of your bank passbook for further procedure.

Thanks and Regards,


PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.



Waghire College of Arts, Commerce and Science

Saswad, Tal. Purandar, Dist. Pune, Pin-412301

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Outward No. : WCS / 111 (1)

Date : 17/11/2023

President
Ajit Pawar

Vice President
Manendra Ghadge

Hon. Secretary
Adv. Sandeep Kadam
Senate Member
Savitribai Phule Pune University, Pune

Treasurer
Adv. Mohanrao Deshmukh

Dy. Secretary
L. M. Pawar

Principal
Dr. Pandit Shelke

To,

Shri. Dr. Datta Kohinkar
Mind Power Trainer and Author,
Pune

Subject: Vote of thanks letter

Dear Sir,

I, on behalf of my staff members, students and Pune District Education Association would like to thank you for giving excellent presentation and demonstrations in the Workshop entitled, "Manachi Amaryad Shakti Ani Tanav Mukti", organised for students and teaching as well as nonteaching staff by Microbiology department of our college.

The easy and beautiful way of giving training by you, made this workshop very interesting, meaningful and vital.

Thanks and Regards,


PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune

One day Workshop on

मनाची उत्तरीय शक्ती व तगाव मुक्ती

Attendance Sheet

17th January 2023

Sr.No.	Name of the person	Sign.	Sr.No.	Name of the person	Sign.
1	Hemlata V-Sonawane		25	Dr. Nita B. Patil	
2	Joshi M.M.		26	Smt. Chikane M.H.	
3	Borawake S.P.		27	smt. Jagtap M.M.	
4	Pathan stahin A.		28	smt. Shinde S.B.	
5	Ganvir vishakha N		29	Smt. Dhavale S.R.	
6	Kamthe komal		30	Namrata Dhagare	
7	Thopate Priti S		31	smt Nerse R.S	
8	Dr B.S. Madhnikar		32	smt Sheekhane P.D.	
9	Dr. Sheetal A. Kulkarni		33	smt Pawar R.N	
10	Dr. Vidya V. Patankar		34	Smt Zuarange P.K.	
11	Gajdema komal M.		35	Dr V.R. Purokar	
12	smt. Raskar S.C.		36	D. Dhakane R.B	
13	Smti Shekar V.R.		37	Shri Jadhav R.M.	
14	Smt. Maske K.H		38	Dr. M.M. Jagtap	
15	Ms Ms V.V Jagtap		39	प्रा. किरा गाढव	
16	Ms. P.B. Khatke		40	प्रा. जगदीश कुंभार	
17	Mrs. M.G. Boravkar		41	श्री. श्रीकांत जगनाथ	
18	Ms S.S chavan		42	श्री. उरुल नवनाथ महादेव	
19	Dr. Vishal Pawase		43	श्री. योग आ. डी	
20	Dr. Sanjay Jagade		44	श्री कदम सतिश मानंदर	
21	Dr. Dattatray Sankar		45	Shundkar N.Y.	
22	Dr. Lal A.S.		46	Zuarange G.D.	
23	Shri. Bhosale A.B.		47	Kadbane A.S.	
24	mr. Rokade S.C.		48	More Bhagyashri	
			49	Gaikwad Sanjivani Varman	

Sr. No	Name of the person	Sign	Sr. No	Name of the Person	Sign
50.	Rane S.M.	<u>SMR</u>	73	Kumbhar Ankita Rajendra	<u>Ankita</u>
51.	Dipali P. Malusate	<u>Dipali</u>	74	Sonawane Aditi Sachin	<u>Aditi</u>
52	At. Surita B. Kolate	Surita	75	Kumbharkar Sameer	<u>Sameer</u>
53	Jagdale Ashwini Sanjay	<u>AJ</u>	76.	Kumbhar Pratik.	<u>Pratik</u>
54	kumbhar sneha Laxman	<u>@Kumbhar</u>	77	Bhongale samiksha	<u>Samiksha</u>
55	Pawar Vaishnavi Vitthal	<u>V@ishnavi</u>	78	S.D. Jagdale	<u>S.D.</u>
56	Shina - S. R.	<u>Shina</u>	79	Dr. Nafte S. Y.	<u>Dr. Nafte</u>
57	Takawale Bhakti Pramod	<u>Btakawale</u>	80	Dr. B. V. Mane	<u>Dr. Mane</u>
58	Jagtap Sakshi Rajendra	<u>Jagtap</u>			
59	Mulani Atlox Rafik	<u>Mulani</u>			
60.	Shinde Sweetsy Ramesh	<u>Shinde</u>			
61	Bankar Karishma Dattatray	<u>Bankar</u>			
62	MS. Petkar P.A.	<u>Petkar</u>			
63	Priyanka Mahesh Mahamuni	<u>Priyanka</u>			
64	Jadav Shubham Sudam	<u>Jadav</u>			
65	Nigade Sakshi Dhanaji	<u>Nigade</u>			
66	Bhongale Vaishnavi Mahesh	<u>Bhongale</u>			
67	Yadav Omkar Arun	<u>Yadav</u>			
68	Raskar Mayuresh Nandkumar	<u>Raskar</u>			
69	Ankush Sampat Dhanaji	<u>Ankush</u>			
70	Dr. B. L. Shinde	<u>Dr. Shinde</u>			
71	Badade Shubham Pavindra	<u>Badade</u>			
72	Gaikwad Tarun Vitthal	<u>Gaikwad</u>			
73	Pratik Kumbharkar S.S.	<u>Pratik</u>			
74	Bhosale Rishikesh Keshav	<u>Bhosale</u>			
75	Prathmesh Pradip Hole	<u>Prathmesh</u>			
76	Shubham Satish Phare	<u>Shubham</u>			
77	Palve Manoj Ishaywan	<u>Palve</u>			
78	Unavane Smitak Sachin	<u>Unavane</u>			

S.Y.B.Sc.

Guest lecture of

Dr. Datta Kohinkar Sir

17-1-2023

classmate

Date _____

Page _____

- 1) Gorud sayali sunil
- 2) Jagtap Nikita Bharat
3. Jagdale Vaishnavi Subhesh
4. Takawale Shiwari Vijay
- 5 Jagtap Dipti Govind
- 6 Pawar Mayuri Narayan.
- 7 Pawar Pradnya Santosh.
- 8 Dhumal Anuja Ganpat.
- 9 Ghisze Gaytri Santosh
- 10 Magar Supriya Sampat.
- 11 Kataké Sakshi Maruti
- 12 Kataké Vishakha Rajendra
- 13 Gaikwad Shreya Shrikrushna
14. Kataké Ankita Santosh
- 15) Kolhe Rutuja Vitthal
- 16) Bhondekar Shankar Dipak

Bromed

@Bjagtap

Jagdale

Takawale

ipt

M.N.Pawar

Pawar

Adhul

@Bisre

Magar

Kataké

Kataké

Gaikwad

Kataké

R.V.Kolhe

Bhondekar



DrDatta Kohinkar

Just now · 🌐

पुणे जिल्हा शिक्षण मंडळाच्या सासवड येथील वाघेरे महाविद्यालयात स्टाफ साठी माईड पॉवर ट्रेनर डॉ. दत्ता कोहिनकर यांची 'मनाची अमर्याद शक्ति व तणाव मुक्तीची कार्यशाळा' आयोजित करण्यात आली होती. प्राचार्य पंडित शेळके, प्राचार्य राजश्री चव्हाण यांची प्रमुख उपस्थिती होती. प्रोफेसर नीता पाटील, उपप्राचार्य जगदाळे साहेब, वावळ साहेब, सोनवणे मॅडम यांनी या कार्यशाळेसाठी विशेष पुढाकार घेतला होता..



PRINCIPAL

Vaghire College, Saswad,
Tal. Purandar, Dist. Pune.

Dr. Nita Patil

Voucher of Expenses

Pune District Education Association's

Waghire College Saswad

(Arts, Commerce & Science)

Date: 17.01.2023

Receipt No

Name- **Dr.Datta Kohinkar**

According to the Particulars I got the stated amount.

Head :- Lecture On "Manachi Amaryad Shakti Ani Tanav Mukti"

1. Remuneration for lecture 17.01.2023

Lecture Time 10.00am to 02.00.pm {4 hr}

Under DBT STAR College Scheme organised by Dept. of Microbiology;

Cheque No.

Qty	Rate/hr	Total
4	2500.00	10000.00

Total Rs. 10000.00

In Words: Ten Thousand Only.

Above Amount Paid & Receipt is Cancelled


Dr. Datta Kohinkar


P. P. Mishra


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Principal
Waghire College, Saswad


Sign of Receiver

Sr. No	Activities	Guest Name	No. of beneficiaries	Date
1.	Aerobiological technique hands on training	Dr.Akshay Shete Requirements	30	7/01/2022
2.	Skill development training programs and workshops on the horticultural techniques	Dr.B.M.Shinde Requirements	50	15/02/2022
3.	Skill development training programs and workshops on the chromatography	Dr.VishwadeepKapare Ms. Pallavi Bhagat	50	8/02/2022
4.	Skill development training programs and workshops on the Ayurvedic formulations	Mrs.Anuja pandit	50	25/02/2022
5.	One Day workshop on E-Herbaria	Dr.MayurNandikar	50	8/1/2022
6.	Guest Lecture series-I	Dr. D. M Mahajan Dr. Varsha Shriram	65	17-18/09/2021
7.	Guest Lecture Series-II	Dr.R.B.Bhagat Mr.PrashantBorawake Dr.D.M.Mahajan Dr. Varshashriram	79	21-22/9/2021
8.	Field visits and survey	Travelling	50	5/03/2022
9.	Workshop on herbal cosmetics	Dr.Priyadarshanikadus Dr.Atulkapadia	25	4/10/2021
10.	Bonsai workshop	Ms.Shailajakapila	30	6/10/2021
11.	Training programme on laboratory safety for non-teaching staff	Dr.Mahesh Borde Mr.Satyam Pawar	50	3/09/2021
12.	Organization of Science exhibition, Competitions	Prof.Atishkumar Gavit Prizes: 1 st Pooja Kapare& Rutuja Kapare 2 nd Shweta Phadtare 3 rd Chaitanya Randive&Tufal Mulani	100	14/12/2021
13.	Workshop on Instrumentation techniques: Microscopic, Microtomy	Dr.Kishor Rajput Mr.Ajeet M	50	28/12/2021
14.	Workshop on Algae Culture	Dr.Vinayak Lokhande Mr.Iyyapan S	40	15/01/2021
15.	Germplasm Conservation and protection of native/local varieties of crop	Mr.PrashantBorawakeMr.Yogesh Magar	50	9/5/2022
16.	Aerobiological technique hands on training	Dr.Sudam Jogdand Mr.Akshay Shete	30	28-29/03/2023
17.	Skill development training programs and workshops on the horticultural techniques	Mr.AnandDarveshi	50	15-16/04/2022
18.	Skill development training programs and workshops on the Plant tissue culture	Dr.Varsha Shriram	50	19/04/2022
19.	Skill development training programs and workshops on the Ayurvedic formulations	Mrs. Anuja Pandit	50	22/04/2022
20.	One Day workshop on Herbarium	Dr. Mayur Nandikar	50	1/05/2022

	techniques			
21.	Guest Lecture series-I	Mrs.Kalpna Sawant Mr.PrashantBorawake	100	24-25/06/2022
22.	Guest Lecture Series-II	Prof.C.P.Hase Mr.Rajkumar Pawar	100	28-29/06/2022
23.	Field visits and survey	Travelling	50	22/11/2022
24.	Workshop on herbal cosmetics	Dr.Vijay Gadgil Dr.Asmita Jadhav	25	2/07/2022
25.	Bonsai workshop	Dr.Erach Bharucha	30	6/07/2022
26.	Training programme on Mushroom cultivation	Dr.Suresh Naidu	50	16/07/2022
27.	Organization of Science exhibition, Competitions	Prof.Pradnya Jagtap Dr.R.U.Deshmukh Prize: 1 st Kadbane Sakshi &Kalange Shreya 2 nd Jagtap Bhavana &Balgude Supriya 3 rd Jagdale Vaishnavi &M.P.Megha Manu Consolation Prize: Botre Neha & Kolte Tanuja	100	22/07/2022
28.	Bonsai workshop	Dr.Erach Bharucha	30	6/07/2022
29.	Training programme on Mushroom cultivation	Dr.Suresh Naidu	50	16/07/2022
30.	Organization of Science exhibition, Competitions	Prof.Pradnya Jagtap Dr.R.U.Deshmukh Prize: 1 st Kadbane Sakshi &Kalange Shreya 2 nd Jagtap Bhavana &Balgude Supriya 3 rd Jagdale Vaishnavi &M.P.Megha Manu Consolation Prize: Botre Neha & Kolte Tanuja	100	22/07/2022
31.	Salad Decoration and Rangoli Competition	Prof.AtishkumarGavit Prof.Illias	50	16/12/2022
32.	Germplasm Conservation and protection of native/local varieties of crop	Mr.PrashantBorawakeMr.Yogesh Magar	45	12/08/2022
33.	Workshop on Instrumentation techniques: Chromatographic, Molecular Techniques	Prof.NutanMalpathak Mr.Vishwadeepkare	50	1-2/08/2022
34.	Workshop on Algae Culture	Dr.Manisha Sangale Dr.Hrishikesh Khodade	40	6/08/2022
35.	Poster presentation and visit to Saifabad College, Osmania University, Hyderabad	Travelling	6	04/09/2022

DEPARTMENT OF BOTANY**List of Activities****DEPARTMENTS OF CHEMISTRY****List of Activities Conducted Under DBT STAR**

Sr. No	Name of the activity	Name of Teacher Incharge	Date	Class	Resource Person
1	Hands on training on Spectrophotometry	Prof.SnehalSolankure	05/07/2021	T Y B Sc -50	Dr. Ganesh Nigade
2	Hands on training on Flame photometry	Prof.SnehalSolankure	13/07/2021	T Y B Sc- 50	Dr. Ganesh Nigade
3	Workshop on perfume synthesis	Prof.Ahiwale G.M.	10/08/2021	S Y B Sc - 50	Dr. Fazzal Sir
4	Workshop on sanitizer and hand wash making	Prof.RathodS.B	22/02/2022	T Y B Sc - 50	Dr. Fazzal Sir
5	Guest lecture on spectroscopy	Prof.Shinde C.T.	16/03/2022	T Y B Sc - 50	Dr. Sangeeta Jagtap
6	Guest lecture on Coordination Chemistry	Prof.Shinde C.T.	17/03/2022	T Y B Sc - 50	Prof. Wandhare D M
7	Guest lecture on Crystal Structure	Prof.Ahiwale G.M.	18/03/2022	T Y B Sc - 50	Dr. Shrikant Nikam
8	Guest Lecture on Rearrangement Reactions	Prof.Shinde C.T.	19/03/2022	T Y B Sc - 50	Dr. Pawar Hari
9	Guest Lecture on Volumetric Analysis	Prof.Kamble N.R.	22/03/2022	S Y B Sc - 52	Prof. Manoj Tapare
10	Guest Lecture on Stereochemistry	Prof.Shinde C.T.	23/03/2022	F Y B Sc - 52	Prof. S B Dhotre
11	Guest Lecture on Quantum Chemistry	Prof.RathodS.B	24/03/2022	F Y B Sc - 55	Prof. S K Nikam
12	Science exhibition for UG students	Prof.Durgade K.M.	18/01/2023	F Y/ S Y/T Y B Sc - 100	Prof.Dr. Suresh Waghmode Prof. L.K. Nikam
13	Industrial Visit at Surge Pharmaceuticals	Prof.Durgade K.M.	19/01/2022	F Y B Sc - 60	Surge Pharmaceuticals, Jejuri MIDC
14	Industrial Visit at Science Park, Pimpri Chinchwad,	Prof.Sonawane R.N.	08/02/2023	T Y B Sc-50	Science park

	Pune				Pimpri Chinchwad, Pune
15	Work shop on use of ICT in teaching learning and evaluation for faculty	Prof.Sonawane R.N.	24/02/2023	Teaching staff of Chemistry, Microbiology, Botany, Zoology	Dr. R N More
16	Hands on training workshop on Laboratory safety for nonteaching staff	Prof.Walunj S.B.	12/07/2023		Mr. Rahul Jagtap
17	Hands on training on preparation of standard solutions	Prof.Walunj S.B.	14/08/2023	F Y/ S Y/T Y B Sc	Dr. D R Shinde
18	Workshop green synthesis on nanoparticles	Prof.RathodS.B	26/07/2023	F Y/ S Y/T Y B Sc	Dr. Ashok Bankar
19	Hands on training on Chromatography Techniques	K M Durgade	20/07/2021	S Y B Sc - 50	Dr. Borkar D J
20	Hands on training on water analysis	R N Sonawane	28/07/2021	T Y B Sc -54	Prof. Tapare Manoj
21	Guest lecture on Rotational and Vibrational Spectroscopy	R M Musale	27/08/2021	T Y B Sc -51	Prof. Sandip Labade
22	Guest Lecture on Chemical Thermodynamics	R M Musale	15/12/2022	F Y B Sc - 65	Prof. Sandip Labade
23	Hands on training on Polarimetric Techniques	R N Sonawane	10/01/2023	T Y B Sc-52	Prof. Vijay D Thopate
24	Guest Lecture on Chemical Kinetics	S B Rathod	12/01/2023	S Y B Sc -55	Dr. Latesh K. Nikam
25	Guest lecture on Stereochemistry	S B Walunj	14/01/2023	T Y B Sc	Prof. D D Gaikwad

DEPARTMENTS OF MICROBIOLOGY

List of Activities Conducted Under DBT STAR

Sr. No	Activity	Authority/Guest	No. of beneficiary	Date
1	Medical checkup, blood testing	Akshay Blood bank	30 parents	20/10/2021
2	Project competition	Swachh Technology challenge	1staff+10students	04/01/2022
3	Gynecological health check-up	Dr. Sunita Patil	31 ladies staff	31/03/2022
4	Hands on training, Chromatographic Techniques and Basic Techniques in Molecular Biology	Make Intern and E cell IIT Kharagpur	54 students	3 rd and 4 th Oct 2022
5	Gynechologica health check up for girl students	Dr. Sunita Kale	50 students	8 th Mar 2023

6	Hands on training, 'Isolation and enumeration of Bacteriophages'	Dr. Sangita Ahiwale	54 students	9 th Mar 2023
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DEPARTMENTS OF ZOOLOGY

List of Activities Conducted Under DBT STAR

Sr. no.	Name of the activity	Resource person	Date	Time
1	Lecture on Basic Entomology	Ms.Nikita Saste	09/12/2021	9.30am to 1.30 pm
2	KadjaiVanrai Survey of Chambli Village	Sunil Kokare and B.S. Madbhavikar	30/12/2021	9am onwards
3	International Day of Women and Girls in Science	Dr. Anupama Walwalkar Ms Vaibhavi Sutaone	11/02/2022	10.00 am to 2.30 Pm
4	Earth Day Celebration Lecture on Climate change and its Impact on Biodiversity	Dr. Mahendra Jagtap	22/04/2022	09.30am to 1.30 pm
5	Sericulture Workshop	Dr. Madhav Bhillave , Dr. R.D. Chaudhari, Dr. H.S. Karkar	21/08/2022	09.30am to 1.30 pm
6	Lecture Series on Health related Communicable Diseases	Dr. Vinod Sutaone	22/08/2022 To 25/08/2022	10.00am to 1.30 pm
7	Workshop on Owl Conservation	Dr. Satish Pande' Shri Rahul Lonkar, Shri Rajkumar Pawar	27/08/2022	9.30am to 3.30 pm
8	World Ozone Day	Dr. PradipAwate	16/09/2022	10.00am to 1.30 pm
9	World Habitat Day	Dr. Mahendra Jagtap	3/10/2022	10.00am to 1.30 pm

10	Wild Life Week	Dr. Sudhakar Kurhade, DR. Baban Ingole, Dr. Vidhin Kamble, Dr. Shrihari Pingale, Dr. Amit Pawashe, Dr. M.G. Babre, Dr. Bandela, Dr. Vinod Gaikwad, Dr. Laxmikant Shinde Dr. RajendraSalunkhe	10/10/2022 To 11/10/2022	9.30am to 1.00 pm And 2.0 pm to 4.00 pm
11	Guest Lecture On AIDS/ HIV	Dr. Balkrushna Kamble	01/12/2022	10.00am to 1.30 pm
12	Add On Course on Basic Identification of Phylum Arthropoda for Zoology Students.	Dr. Sudhakar Kurhade, Dr. Baban Ingole, Dr. Vidhin Kamble, Dr. Vinod Sutaone Dr. M.G. Babre, Dr. Bandela, Dr. VinodGaikwad, Dr. LaxmikantShinde	17/01/2022 to 22/01/2022	9.30am to 1.00 pm And 1.00Pm to 4.00 pm
13	Vector borne diseases-- Lecture series	Dr. Vinod Sutaone	2/1/2023 to 10/1/2023	10.00am to 1.00 pm
14	Lectures on Road deaths of wildlife and precautionary measures	Pandurang Madane	12/09/2022	10.00am to 12.00 pm
15	Basics of Apiculture	PrashantGawade, Alpesh Shah	22/09/2022	9.00am to 3.00 pm
16	Wildlife conservation lecture	Dr. Suruchi Pande Shri. Rajkumar Pawar, Dr. Murlidhar Mahajan	13/10/2022	11.00am to 2.00 pm
17	Visit to vermi compost unit of Gram GauravPratishthan	Yogesh Magar, Prashant Borawake	02/11/2022	9.00am to 3.00 pm
18	Demo Practical related to Extraction processes of bee products	Prashant Gawade and Sachin Kshirsagar	25/11/2022	10.00am to 3.00 pm
19	Vermicompost preparation	ShriPrashantBorawake	15/03/2023	9.00am to 3.00 pm
20	Demo Extra practical Remuneration	Ms. Nikita Saste	20/03/2023 to 27/03/2023	10:00 am to 3:00 pm
21	Lecture on Snakes and snake awareness	Shri Dattatray Murkute	25/04/2023	10.00am to 12.30 pm
22	Plants for Apiary and Butterfly Garden		22/07/2023	


Co-Ordinator
DBT- STAR College




PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.