



Bharati Vidyapeeth's

**Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon
Tal. -Kadegaon, Dist. Sangli (MS)**

Department of Microbiology


A Brief Report of the student-centric activity - Student seminar

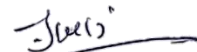
Academic Year: 2018-2019

Details of the Programme

- Title of the student-centric activity: Student seminar
- Name of the Programme Coordinator: Dr. G.V. Mali
- Organizing Department: Department of Microbiology
- Number of Participants: 30
- Purpose: The goal of this activity is to help students develop self-learning, presentation confidence, and stage daring. To improve their communication abilities.
- Program / Course outcomes: Students' communication skills improved as a result of this activity. Their self-learning and self-presentation abilities improved. During the seminar presentation, all students gave excellent presentations on their respective topics.


Programme Coordinator


Head,
Dept. of Microbiology
Bharati Vidyapeeth's
M.B.S.K. Kanya Mahavidyalaya,
Kadegaon, Dist. Sangli


Principal
B.V.M.B.S.K. Kanya Mahavidyalaya,
Kadegaon, Dist. Sangli

Bharti Vidyapeeth's
Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon

Department of Microbiology

Schedule of Seminars for B.Sc. III (2018-19)

| SR. NO. | NAME OF STUDENT | SEMINAR TOPIC | Date of Seminar | |
|---------|--------------------------------|--|--------------------------|-------|
| 1 | ✓ Mahadik Ankita Arun | Probiotics 06 | 01/09/2018 | ✓+++ |
| 2 | ✓ Devar Archana Ramishar | Food infection - <u>Salmonellosis</u> 04 | 01/09/2018 | ✓++ |
| 3 | ✓ Chavan Divya Shahaji | Vitamin B ₁₂ 04 | 01/09/2018 | ✓++ |
| 4 | ✓ Chavan Radhika Walmik | Lyophilization 04 | 01/09/2018 | ✓++ |
| 5 | ✓ Gharge Dhanashri Baban | Preservation of microbes 07 | 06/09/2018 | ✓++++ |
| 6 | ✓ Jadhav Payal Vijayrav | Red table wine 06 | 06/09/2018 | ✓+++ |
| 7 | ✓ Jagtap Varsha Adhikrao | Microbial defects of wine * 08 | 06/09/2018 | ✓++++ |
| 8 | ✓ Kanase Dhanashri Deepak | Alcohol production 06 | 06/09/2018 | ✓+++ |
| 9 | ✓ Karande Pooja Babasaheb | Penicillin fermentation * 07 | 08/09/2018 | ✓++++ |
| 10 | ✓ More Bhagyashri Ishwar | Concept of semi-synthetic penicillin 06 | 08/09/2018 | ✓+++ |
| 11 | ✓ More Sushma Bramhdev | Primary screening * 07 | 08/09/2018 | ✓++++ |
| 12 | ✓ Mahapure Shalaka Suryakant | Secondary screening * 06 | 08/09/2018 | +++ |
| 13 | ✓ Mali Rohini Shirang | Strain improvement 04 | 22/09/2018 | +++ |
| 14 | ✓ Sapate Aishwarya R. | Scale up of fermentation * 08 | 22/09/2018 | ++++ |
| 15 | ✓ Thorat Shreya Jijaba | Lysine - Amino acid production * 06 | 22/09/2018 | +++ |
| 16 | ✓ Surywanshi Manali Vikas | Microbial assay 08 * */* | 22/09/2018 | ++++ |
| 17 | ✓ Sutar Snehal Sanjay | Microbiology and biochemistry of Biomethanogenation 06 | 27/09/2018 05/10/2018 | +++ |
| 18 | ✓ Mohite Shivanjali Suryakant | Biogas production 06 | 27/09/2018 | +++ |
| 19 | ✓ Kumbhar Pratiksha Ramchandra | Raw material used for biogas production 04 | 27/09/2018 05/10/2018 | +++ |
| 20 | ✓ Kavathekar Rabia Nasir | Sterility testing / 08 * † | 27/09/2018 | +++ |
| 21 | ✓ Momin Nilofar Mansoor | Pyrogen testing / 06 * | 29/09/2018 | +++ |
| 22 | ✓ Pange Pooja Shirang | Carcinogenicity / 05 | 29/09/2018 | +++ |
| 23 | ✓ Kokare Vaishali Hindurao | Chromatography 06 * | 29/09/2018 | +++ |
| 24 | ✓ Mohite Snehal Dilip | Solvent Extraction 06 | 29/09/2018 | +++ |
| 25 | ✓ Surywanshi Swati Ananda | Precipitation reaction 06 | 04/10/2018 | +++ |
| 26 | ✓ Mohite Vaishali Sharad | Distillation 05 | 04/10/2018 | +++ |
| 27 | ✓ Mahind Monika Hanmant | Centrifugation 05 | 04/10/2018 | +++ |
| 28 | ✓ Gidde Komal Dhondiram | Flocculation * 05 | 04/10/2018 | +++ |
| 29 | ✓ Karande Shraddha Eknath | Filtration 05 * | 05/10/2018 | +++ |
| 30 | ✓ Phadtare Kanchan Dhanaji | Food Poisoning - <u>Botulinum</u> 05 | 05/10/2018 | ++ |

Bharti's Vidyapeeth's
Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon

Department of Microbiology

Name

Class.....

Date.....

SYNOPSIS

Points to be covered: -

- 1]
- 2]
- 3]
- 4]
- 5]
- 6]

Reference: -

Student Signature

Teacher Incharge

Bharati Vidyapeeth's
Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon

DEPARTMENT OF MICROBIOLOGY

Name of Teacher : - Mr. K. A. Sutar

Class: - T.Y. B.Sc.

| Roll no. | Name of the Student | 01/09/18 | 06/09 | 08/09 | 22/09 | 27/9/18 | 29/9 | 04/10 | 05/10 | Total Days | % Presenty |
|----------|------------------------------|----------|-------|-------|-------|---------|------|-------|-------|------------|------------|
| 15551 | Chavan Divya Shahaji | P | P | P | P | P | P | P | P | 08 | 100 |
| 15552 | Chavan Radhika Valmik | P | P | P | A | P | P | P | P | 07 | 87.5 |
| 15553 | Devar Archana Ramishwar | P | A | A | P | P | P | P | P | 06 | 75 |
| 15554 | Gharge Dhanashri Baban | P | P | P | P | P | P | P | P | 08 | 100 |
| 15555 | Jadhav Payal Vijayrav | P | P | P | P | P | P | P | P | 08 | 100 |
| 15556 | Jagtap Varsha Adhikrao | P | P | P | P | P | P | P | P | 08 | 100 |
| 15557 | Kanse Dhanashri Deepak | P | P | P | P | A | P | P | A | 06 | 75 |
| 15558 | Karande Pooja Babasaheb | P | P | A | P | P | P | P | P | 07 | 87.5 |
| 15559 | Kavthekar Rabiya Nasir | P | A | A | P | P | P | P | P | 06 | 75 |
| 15560 | Kokare Vaishali Hindurao | P | P | P | P | P | P | P | P | 08 | 100 |
| 15561 | Kumbhar Pratiksha Ramchandra | P | P | P | P | P | P | P | P | 08 | 100 |
| 15562 | Mahadik Ankita Arun | P | P | P | P | P | P | P | P | 08 | 100 |
| 15563 | Mahapure Shalaka Suryakant | P | P | P | P | P | A | P | P | 07 | 87.5 |
| 15564 | Mahind Monika Hanmant | P | A | P | P | P | A | P | P | 07 | 87.5 |
| 15565 | Mali Rohini Shirrang | P | P | P | P | P | A | P | P | 07 | 87.5 |
| 15566 | Mohite Shivanjali Suryakant | P | P | P | P | P | P | P | P | 08 | 100 |
| 15567 | Mohite Snehal Dilip | P | P | P | P | P | P | P | P | 08 | 100 |

| | | | | | | | | | | | | |
|-------|-------|---------------------------|---|---|---|---|---|---|---|---|----|------|
| 15570 | 15568 | Mohite Vaishali Sharad | A | P | P | A | P | P | P | P | 06 | 75 |
| 15571 | 15569 | Momin Nilofar Mansoor | A | P | P | A | P | P | A | P | 05 | 62.5 |
| 15572 | 15570 | More Bhagyashri Ishwar | P | P | P | P | A | P | A | A | 05 | 62.5 |
| 15573 | 15571 | More Sushama Bramhadev | P | P | P | P | P | P | P | A | 07 | 87.5 |
| 15574 | 15572 | Pange Pooja Shirrang | P | A | A | P | A | P | P | P | 05 | 62.5 |
| 15575 | 15573 | Phadatare Kanchan Dhanaji | P | P | P | P | P | P | P | A | 07 | 87.5 |
| 15576 | 15574 | Sapate Aishwarya Ravindra | P | P | P | P | P | P | P | P | 08 | 100 |
| 15577 | 15575 | Suryawanshi Manali Vikas | P | P | P | P | P | A | P | P | 07 | 87.5 |
| 15578 | 15576 | Suryawanshi Swati Ananda | P | P | P | P | P | P | P | P | 08 | 100 |
| 15579 | 15577 | Sutar Snehal Sanjay | A | P | A | P | P | A | A | P | 04 | 50 |
| 15580 | 15578 | Thorat Shreya Jijaba | P | A | P | P | P | P | P | P | 07 | 87.5 |
| 15581 | 15579 | Gidde Komai Dhondiram | P | P | P | P | P | P | P | P | 08 | 100 |
| 15582 | 15580 | Karande Shraddha Eknath | P | P | P | P | P | P | P | P | 08 | 100 |

| Sr. No. | Roll No. | Presenty (percentage) | Marks Based on presenty. | Performance of Seminar delivery | Total Marks |
|---------|----------|-----------------------|--------------------------|---------------------------------|-------------|
| 1 | DC 15551 | 100 | 02 | 04 | 06 |
| 2 | RC 15552 | 87.5 | 1.75 | 04 | 06 |
| 3 | AP 15553 | 75 | 1.5 | 04 | 06 |
| 4 | DG 15554 | 100 | 02 | 07 | 09 |
| 5 | KG 15555 | 100 | 02 | 05 | 07 |
| 6 | PJ 15556 | 100 | 02 | 06 | 08 |
| 7 | VJ 15557 | 100 | 02 | 08 | 10 |
| 8 | DK 15558 | 75 | 1.5 | 06 | 08 |
| 9 | PK 15559 | 87.5 | 1.75 | 07 | 09 |
| 10 | SK 15560 | 100 | 02 | 05 | 07 |
| 11 | RK 15561 | 75 | 1.5 | 08 | 10 |
| 12 | VK 15562 | 100 | 02 | 06 | 08 |
| 13 | PK 15563 | 100 | 02 | 04 | 06 |
| 14 | AM 15564 | 100 | 02 | 06 | 08 |
| 15 | SM 15565 | 87.5 | 1.75 | 06 | 08 |
| 16 | MM 15566 | 87.5 | 1.75 | 05 | 07 |
| 17 | RM 15567 | 87.5 | 1.75 | 04 | 06 |
| 18 | SM 15568 | 100 | 02 | 06 | 08 |
| 19 | SM 15569 | 100 | 02 | 06 | 08 |
| 20 | VM 15570 | 75 | 1.5 | 05 | 07 |
| 21 | NM 15571 | 62.5 | 1.25 | 06 | 08 |
| 22 | BM 15572 | 62.5 | 1.25 | 06 | 08 |
| 23 | SM 15573 | 87.5 | 1.75 | 07 | 09 |
| 24 | PP 15574 | 62.5 | 1.25 | 05 | 07 |
| 25 | KP 15575 | 87.5 | 1.75 | 05 | 07 |
| 26 | AS 15576 | 100 | 02 | 08 | 10 |
| 27 | MS 15577 | 87.5 | 1.75 | 08 | 10 |
| 28 | SS 15578 | 100 | 02 | 06 | 08 |
| 29 | SS 15579 | 50 | 01 | 06 | 07 |
| 30 | ST 15580 | 87.5 | 1.75 | 06 | 08 |

Bhanti vidyapith's

Matoshri Bayabai Shripatraw Kadam Kanya
Mahavidyalay Katgaon

Department of Microbiology

Name :- Phadatare Kanhan Dhanaji

Class :- T.Y.B.Sc

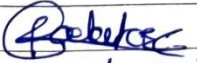
Date :- 5-10-2018


Synopsis.

Point to be covered :-

- 1) Botulism or clostridium intoxication
- 2) Growth & toxin production
- 3) Distribution of spores
- 4) The disease.
- 5) Treatment

Reference :- Google


Student Sign


Teacher incharge sign

Bhabati Vidyapeeth's
Mahashri Baijabai Shripatroob Kadam Kanya
Mahavidyalaya, Kadgaon.

Department of Microbiology

Name - Mohite Vaishali Shabod
Class - B.Sc III Microbiology
Date - 04/10/2018

Synopsis :-

Points to be covered :-

1) Distillation :-

1) Batch-distillation.

2) Continous distillation.

3) Types of distillation.

4) Use of distillation. 4) Application of distillation.

Reference - 1) Google

2) Books - Microbiology. (Reference)

Mohite
Student signature

Teacher
Teacher incharge sign

Bharati Vidyapeeth's
Matashri Baijabai Shripatray Kadam Kanya
Mahavidyalaya, Kadegaon.

Department of Microbiology

Name - Devar Archana Ram.
Class - B-SC-III (Microbiology).
Date - 01/09/2018.

Synopsis:-


Points to be covered:-

Food Infection By Salmonellosis:-

- 1] Food-Born illness.
- 2] The organism.
- 3] Sources of salmonellosis.
- 4] Symptoms of salmonellosis.
- 5] Conditions necessary to outbreaks.
- 6] Precautions.

Reference:- i] William C. Frazier.
ii] Dennis C. Westhoff.

A. D. Devar
Student sign


01/09/2018
Teacher Incharge sign.

Bharati vidyapeeth,

Matoshri Bayabai Shripatrao Kadam
Kanya Mahavidyalaya, Kadgaon.

Department of Microbiology

Name: Momin Nilofar Mansoori

Class: B.Sc. III

Date: 29/9/2018.

Synopsis:

points to be covered:

Progen testing.

Endogenous

Exogenous

types of force

conservative message

medication:

Reference:

Textbook of Microbiology

Dr. A.C. Dubey.

Dr. R.K. Mashwary.

and

Google.

Student signature

Teacher's signature.

Bhazati Vidyapeeth's

Matoshri Bayabai Sheipateao Kadam
Kanya Mahavidyalaya, Kadegaon.

Department of Microbiology

Name - : Mahadik Ankito Aoun
Class - : B.sc III Microbiology
Date - : 1-9-2018.

Synopsis - :

points to be covered - :-

Probiotics.

- ① Definition.
- ② Factors affecting the intestinal micro ecosystem
- ③ characteristics of effective probiotics.
- ④ probiotic strains
- ⑤ Manufacturing of probiotics.
- ⑥ Probiotic consumption
- ⑦ side effects of probiotics
- ⑧ Advantages.

Ankitan
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Teacher signature.

Bhamburda Vidyapeeth's
Matoshri Baiyabai Shripatrao Kadam Kanya
Mahavidyalaya, Kadgaon

Department of Microbiology

Name - Katarde Pooja Babasaheb

Class - B.Sc. III Microbiology.


Date - 08/09/2018

Synopsis :-

- Points to be covered :- A) Penicillin production, :-
- 1) Organisms used.
 - 2) Inoculum preparation method.
 - 3) Fermentation media.
 - 4) Fermentation conditions.
 - 5) Extraction & Recovery.

Reference - A.H. Patel (Industrial Microbiology book)

Basanti
Student Signature


Teacher incharge. Sign

Bharati Vidyapeeth's

Motshri Bayabai Shripatrao Kadam Kanya
Mahavidyalaya, Kadegaon.

Department of Microbiology

Name :- Suryawanshi Swati Ananda

Class :- B.Sc III Microbiology

Date :- 04/10/2018

Synopsis :-


points to be covered :-

- 1) Definition
- 2) Properties of Precipitation
- 3) Ethanol Precipitation
- 4) Uses

Reference :- 1) Google

2) Book's - Microbiology (Reference)

Swati
Student signature


Teacher incharge sign

BHARATI VIDYAPEETH'S

Matashri Bayabai Shripatraw Kadam Kanya
Mahavidyalay Kadgaon.

Department of Microbiology.

Name :- Gidde Komal Dhondiram

Class :- T.Y. B.Sc.

Date :- 04-10-2018

Synopsis.


Pointed to be covered :-

FLOCCULATION

- ① Definition
- ② Introduction
- ③ Purpose of flocculation
- ④ Relation with coagulation and precipitation

Reference :- Google

Ridde
Student sign


Teacher in charge sign

BHARTI VIDYAPEETHS MATOSHRI
BAYABAI SHRIPATRAO KADAM KANYA
MAHAVIDYALAYA, KADEGAON

Department Of Microbiology


Name:- Mali Rohini Shrirang
Class:- T.Y.B.Sc (Microbiology)
Date:- 22/09/2018

Synopsis :-

- Point to be covered :-
 - 1] Introduction
 - 2] Developement of industrial strain
 - 3] Characteristic
 - 4] Process of strain improvement
 - 5] Mutation
 - i] Spontaneous
 - ii] Induced
 - 6] mutant Selection
 - 7] Isolation of microbial mutant
 - 8] Recombination
 - 9] Recombination DNA Technology

• Reference :- Google

Rohini
Student Signature


Teacher incharge Sign.

Bhamburda Vidyapeeth's
Matashri Bayabai Shripotras Kadam Kenya
Mahavidyalaya, Kadegam

Department of Microbiology

Name :- Jayawanti Manali Vikal.

Class :- B.Sc III Microbiology

Date :- 22/09/2018

Synopsis :-

Microbial Assay (Bioassay of penicillin).
points to be covered :-

- 1) Microbial assay -
- 2) Types of assay - (a) Diffusion assay
(b) Cylinder Method (c) Paper disc method.
- 3) Turbidometric
- 4) End point determination assay

Reference :- (1) 'Industrial Microbiology' book.

Author - A.H. Patel.

(2) google

Student signature

Manali

Teacher incharge sign

Patel

Bharati Vidyapeeth's
Matoshri Bayabai Shripatrao Kadam
Kanya Mahavidyalaya, Kadgaon

Department of Microbiology.

Name:- Kokaze Vaishali Hindurao
Class:- B.Sc-III Microbiology
Date:- 29-09-2018.

Synopsis :-

Points to be covered

Chromatography

Adsorption chromatography

Ion exchange chromatography

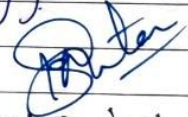
Gel filtration chromatography

Affinity chromatography.

Continuous chromatography.

Reference :- Text book of Microbiology

V. Kokaze
Student Signature


Teacher incharge

Bharati Vidyapeeth's
Mathoshri Bayabai Shripathrao Kadam
Date ___ / Kanya Mahavidyalaya, Kadegaon.

saathi

Department of Microbiology

Name - Thorat Shruya Jijaba.

Class - B.Sc III

Date - 22.9.18.

Synopsis.

Point to be covered. -

- 1) L- Lysin production
- 2) Introduction
- 3) Role of amino acid
- 4) History of L- Lysin.
- 5) Fermentation of Lysin Microorganism.
- 6) Fermentation Media.
- 7) Raw material
- 8) Effect of oxygen, pH, temperature. Antifoam.
- 9) Lysin fermentation technology
- 10) Downstreaming process.

Reference -

Industrial Microbiology Book.

Google

Shruya

Student signature

Shruya

Heo Teacher's incharge

Bharti Vidyapeeth's
Matoshri Bayabai, Shripatrao Kadam
Kanya Mahavidyalaya, Kadegaon.

Department of Microbiology

Name: Kanse Dhanashri Deepal

Class : B.Sc III Microbiology

Date - 06/09/2018

Synopsis:

Points to be covered

* Alcohol Production

- Introduction
- Fermentation Process
- Criteria used for selecting fermentation organism.
- Raw material / Fermentation medium used.
- Preparation of inoculum / starter culture.
- Preparation of fermentation medium
- Fermentation condition
- By products

Reference :- A. H. Patel (Industrial Microbiology).

Kanse

Student signature



Teacher in charge

Bharti vidyapeeth's
Matashai bayabai Shripat Rao kadam ^{classmate} Kanya mahavidya-
-laya Kadegaon. ^{Date}

* Department of Microbiology *

Name - Mahapure Shalaka Suryakant
class - B.Sc III
Date - 08/09/2018

Synopsis

Point to be covered -

- 1] Definition of screening
- 2] Types of screening
- 3] Secondary screening introduction
- 4] Secondary screening - approach
- 5] methods of secondary screening

Referance -

Google

Student sign

Shalaka



Teacher incharge

Bharati Vidyapeetha's

Matoshri Bayabai Shripatrao Kadam

Kanya Mahavidyalaya, Kadgaon.

Department of Microbiology.

Name - More Bhagashri Ishwa

Class - Bsc III

Date - 8/9/2018.

Synopsis :

Points to be Covered.

Semi Synthetic Penicillin.

Antibiotic & its Action spectrum

Semi Synthetic Antibiotic

Examples of Semi-Synthetic penicillin.

Reference :

1) Text book of microbiology.

2) Google.

~~More~~

Student's Signature

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Teacher's Signature.

Bharati vidyapeeth's
| Mathoshri Bayabai shripatrao kadam kanya Mahavidyalaya
[Kadgaon]

• Department of Microbiology •

Name - More Sushama Brahmdev.

class - B.Sc. III .

Date - 08-09-18 .

Synopsis.

Point to be covered -

- 1) Definition of Screening
- 2) Primary screening and examples of Primary Screening.
- 3) Screening of Antibiotic producing organism.
- 4) Screening of Amylase producing organism
- 5) Screening of organic acid and Amine producing organism.
- 6) organism producing by capable extracellular vitamine, amino acid & other growth.

Referances.

Google.

Smore
Student signature.



Teacher-incharge.

Name - Aishwarya Ravindra Sapate
class - BSc. III (Microbiology)
Date - 22/9/2018.

Synopsis:

Points to be covered:

- 1) Introduction
- 2) Inoculum Development
- 3) Sterilization
- 4) Foam control
- 5) Physical Factors
- 6) Chemical Factors.

Reference-

- 1) Reference book Fermentation technology by A.H. Modi
- 2) Google

A.R. Sapate
Student signature



Teacher in charge

Bharati Vidyapeeth's
Matoshri Bayabai Shripatrao Kadam Kanya
Mahavidyalaya, Kadegoan

Department of Microbiology.

Name :- Jagtap Varsha Adhikrao

Class :- B.Sc. III Microbiology

Date :- 06/09/2018

Synopsis

Points to be covered :-

1) Microbial defects on wine

① Aerobic microorganisms

② Anaerobic microorganisms

① i) Flower of wine

ii) Sour of wine

② i) Ropiness of wine

ii) Bitterness of wine.

Reference :- Google.

Jagtap.

Student Signature.

Varsha

Teacher incharge.

* * *

① Bharati Vidyapeeth's Matoshri
Bayabai Shripatrao Kadam Kanya
Mahavidyalaya, Kadgaon.

* Department of Microbiology - *

* Name - Kavthekar Rabiya Nasir.

* Class - B.Sc. III (Microbiology)

* Date - 27/09/2018

② Synopsis ②

* points to be covered :-

③ Testing of Sterility :-

* Introduction.

* Culture media and incubation temperature.

① * Fluid thioglycollate medium.

② * Alternative thioglycollate medium.

③ * Soya-bean casein digest medium.

* Media Sterility * Growth promotion test.

* Method suitability test :-

① Membrane filtration.

② Direct Inoculation.

* Interpretation of results.

* validation. [Bacteriostatic & fungistatic].

* Interpretation of results.

* Reference :- Google.

@biya

student signature

Teacher incharge

* * * *

Bharati vidyapeeth's
Matoshni Baiyabai Shimpatrao Kadam
Kanya Mahavidyalaya, Kadegaon

Department of microbiology

Name - Gharage Dhanshi Baban
class - Bsc III microbiology
Date - 06/10/2018

Synopsis

points to be covered:-

a) preservation

i) Introduction.

b) methods of preservation.

i) subculture

ii) Reduced metabolism & periodic transfer.

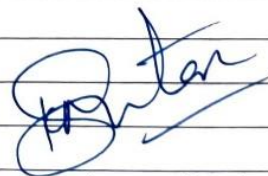
iii) Drying

iv) freezing

Reference :- Books

Gharage

Student signature



Teacher incharge.

Bharati vidyapeethic
Mataoshri Bajabai Shripatrao kadam kanya
Mahavidyalay.

Department of Microbiology.

Name:- koronde Shraddha Eknad

Class:- B.sc III Micro

Date:- 5-10-18

Synopsis

* Points to be covered:-

- 1) Introduction
- 2) Theory of Filtration
- 3) Types of Filtration

* Reference:-

Google

Koronde

student signature



Teacher incharge.

Bhambati Vidyapeeth's
Matoshni Bhabhai Shripatrao Kadam Kanya
Mahavidyalaya.

- Department of Microbiology -

Name :- Snehal Sanjay Sutar

Class :- B.Sc III Micro

Date :- 5/10/2018

- Synopsis -

* points to be covered :-

1. Introduction
2. Habitat of Methanogens
3. Morphology of Methanogens
4. Identification of Methanogens
5. Methanogenesis
6. Stages of Methanogenesis
7. Biochemistry of Methanogenesis
8. Methyl Coenzyme M Reductase.

* Reference :-
Google.

Snehal

Student Signature

Sutar

Teacher Incharge

Bharti Vidyapeeth's
Matoshri Bayabai Shripatrao Kadam
Kanya Mahavidyalaya, Kadegaon

Department of microbiology.

Name :- Mohite snehal Dilip
Class :- B-SC-III microbiology.
Date :- 29/10/2018

Synopsis -

Points to be covered.

- 1) solvent extraction
definition.
- 2) liquid-liquid extraction
 - 1) con-current extraction system
 - 2) counter-current extraction system
- 3) solvent recovery

Reference :- Google

GEM.

Student signature



Teacher incharge

| | |
|----------|--|
| Page No. | |
| Date | |

Bharti vidyapeeth's
 Motashri Bayabai shripatrao kadam kanya
 Mahavidyalaya, kadegaon

Department of Microbiology

Name - Mohite shivanjali suxykant
 class - B.sc III microbiology
 Date - 27-09-2018

Synopsis

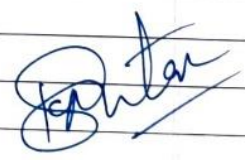
point to be covered -:

- 1) Introduction of Biogas
- 2) History of Biogas
- 3) construction & working of Biogas
- 4) Type of Biogas plant
 - i) fixed Dome Biogas plant
structure, Advantages & Disadvantages
 - ii) Floting Drum type Biogas plant
structure, Advantages & Disadvantages

Reference - Google

(SM)

Student signature



Teacher incharge

* * *

BHARATI VIDYAPEETH'S.

Matoshree Bayabai Shripatrao kadam kanya

Mahavidyalay, Kadegaon..

Department of Microbiology.

Name - Mahind Monika Hanmant.

Class - T.Y. B.Sc. Microbiology.

Date : 04 - 10 - 018.

(SYNOPSIS)

Pointed to be covered-

① Centrifugation - Definition

- Introduction.

- Types of centrifugation.

① Differential centrifugation.

② Density Gradient centrifugation.



Further divided into.

(a) Rate-zonal separation.

(b) Isopycnic separation.

Referance - - Text book of microbiology.

- Google.

Mahind,

Student signature

Pratima

Teacher incharge Sign.

BHARATI VIDYAPEETH'S

Matoshri Bayabai Shripatraw Kadam Kanya
Mahavidyalay, Kadegaon.

Department of Microbiology.

Name :- Kumbhar Pratiksha Ramchandra.

Class :- T.Y.B.Sc Microbiology


Date :- 05-10-2018


Synopsis

Pointed to be covered :-

- 1) Biogas :- Meaning, Uses & its production.
- 2) The wastes may originate mainly from the following three ways.
 - i) Industrial & food processing wastes.
 - ii) Animal excreta & agriculture wastes.
 - iii) Domestic & municipal wastes.
- 3) Advantages & Disadvantages.

Referance :- Google.


student signature


Teacher incharge sign.

BHARATI VIDYAPEETH'S MATOSHRI
SHRIPATRAO KADAM KANYA MAHAVIDYALAY
KADEGAON.

Department of Microbiology

Name: Pange Pooja Shrirang
Class: B.sc. III Microbiology
Date: 29-09-2018

* SYNOPSIS

Points to be covered:

- Carcinogenicity.
 - Human cancer
 - causes of cancer
 - Carcinogenicity introduction
 - Carcinogenicity test.

* Reference

- Google
- Book - All about Microbiology.

Student sign

Teacher sign

~ Department of Microbiology :-

Name :- Chavam Divya Shahaji
Class :- B.Sc - TY
Date :- 1/9/2018

SYNOPSIS

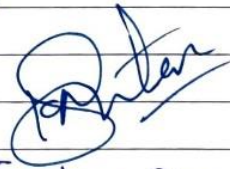
Point to be covered :-

- 1.) Vitamin B12
- 2.) Microbial fermentation
- 3.) Production by fermentation
- 4.) Deficiency of Vitamin B12.

* Reference :-

- Microbial Techniques by Papper
- Google.

Divya
Student Sign.


Teacher Sign.

Name - Radhika valmik chavan
class - Bsc. III (microbiology)
Date - 1/09/2018

Synopsis


Points to be covered

- 1) Introduction
- 2) ~~is~~ Lyphalization
- 3) methods of Lyphalization
- 4) preparation of ampules

Reference -

- 1) Notes

RVchavan
student signature


Teacher in charge

Bharati vidyapeeth's
Matoshri Bayabai Shripatro Kadam, Kanya
Mahavidyalaya, Kadegaon.

Department of microbiology,

Name :- Jadhav payal vijayrao

class :- B.Sc III microbiology

Date :- 06-09-2018.

Synopsis.

points to be covered.

* Red table wine.

a) types of wine.

b) varieties of wine.

c) manufacture of Red wine.

d) Effects of Red wine.

e) Benefits of Red wine.

Reference:- Google.

Jadhav:

student signature.

Teacher in charge.



Principal,
B.V.M.B.S.K. Kanya Mahavidyalaya,
Kadegaon, Dist. Sangli