

"Dissemination of Education for Knowledge, Science and Culture"
- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)

PG Department of Microbiology
and
Internal Quality Assurance Cell

Workshop
on
Production
of
Microbial Bio-pesticide and Bio-fertilizer
07/02/2025



Academic Year: 2024-2025





“Education for Knowledge, Science and Culture”
-Shikshamharshi Dr. Bapuji Salunkhe
Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)
Internal Quality Assurance Cell
2024-2025



Quality Initiatives/ Activities Report

1. **Name of Department:** Microbiology (PG)
2. **Name of Organized Activity:** One day workshop as a part of MoU
3. **Date/ Duration:** 07/02/2025
4. **Aims and Objectives:**
 - To acquaint students with production procedure of bio-fertilizers and bio-pesticides
 - To acknowledge students regarding application of biofertilizers and biological ways of control of plant pathogens and pest.
5. **No. of beneficiaries:** 32 (Male- 06; Female -27)
7. **Brief description:**

PG Dept. of Microbiology of Vivekanand College, Kolhapur and Oasis Agro Industries, Shirol, Dist- Kolhapur had jointly organized a one-day workshop as a part of MoU on “**Production of Microbial Biofertilizers and Biopesticides**”. During workshop, Mr. Pravin Mali, Director of Oasis Agro Industries in the introductory speech explained the concept of bio-fertilizers and bio-pesticides. Similarly in workshop students got information about production of bio-pesticides and biofertilizers. Students also acquired knowledge regarding ecofriendly and economical nature of biopesticides in comparison with chemical pesticides. Students also got educated with various traps used in the field to control the pest. Students also got introduced with quality control of bio-fertilizers.
8. **Outcomes:**
 - Students understood environment friendly aspect of control of plant pathogens and pest.
 - Students got encouraged to think to become an entrepreneur

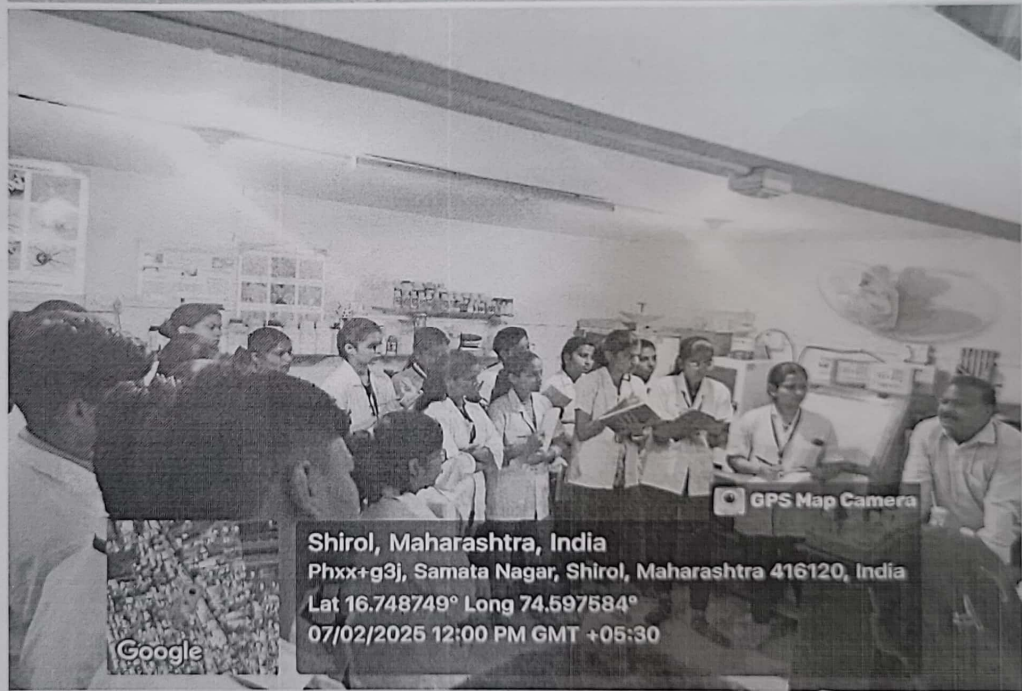


1

3



• Photos:



5. Signatures of coordinator / organizer:

S. D. Mali

Dr. S. D. Mali



Gampill
 VC HEAD
 DEPARTMENT OF MICROBIOLOGY
 VIVEKANAND COLLEGE, KOLHAPUR
 (EMPOWERED AUTONOMOUS)

Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur (An Empowered Autonomous Institute)
PG Department of Microbiology and Internal Quality Assurance Cell
Academic Year 2024-25

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One day workshop jointly organized by
Vivekanand College, Kolhapur (An Empowered Autonomous Institute) with IQAC
and
Oasis Agro Industries, Shirol
As a part of MoU
On
"Production of Microbial Bio-pesticide and Bio-fertilizer"

07/02/2025

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PG Department of Microbiology
Date – 31/01/2025

To,
The Principal,
Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)


Subject: Permission to organize and attend one day workshop at Oasis Agro Industries,
Shirol, Dist- Kolhapur

Respected Sir,

Department of Microbiology Vivekanand College Kolhapur (An Empowered Autonomous Institute) and Oasis Agro Industries, Shirol, Dist- Kolhapur has organized one day workshop on Friday, 7th February 2025 on “**Production of Microbial Biofertilizers and Biopesticides**” as a part of memorandum of understanding (MoU) signed with the department. The students of Department of Microbiology M. Sc. Part I are going to participate in workshop at Oasis Agro Industries. Kindly grant the permission for the same.

Thank you in anticipation,

Yours faithfully,


Dr. T. C. Gaupale
VC HEAD
DEPARTMENT OF MICROBIOLOGY
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)

मंजूरिसाठी आहे

06/02/2025

Allowed

P2

6.2.2025



Dissemination of Education for Knowledge, Science and Culture"
- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur
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PG Department of Microbiology and Internal Quality Assurance Cell
Academic Year 2024-25

Notice

Date- 06/02/2025

All students of M. Sc. Part I are hereby informed that PG Dept of Microbiology, and IQAC, Vivekanand College, Kolhapur (An Empowered Autonomous Institute) in collaboration with Oasis Agro Industries, Tal. Shirol, Dist. Kolhapur have jointly organized one day workshop on "Production of Microbial Biofertilizers and Biopesticides" as a part of MoU on Friday, 7th February 2025 at Oasis Agro Industries. All students are informed to be present for workshop.




Dr. T. C. Gaupale

HC HEAD
DEPARTMENT OF MICROBIOLOGY
VIVEKANAND COLLEGE KOLHAPUR
(EMPOWERED AUTONOMOUS)



Shri Swami Vivekanand Shikshan Sanstha's
VIVEKANAND COLLEGE, KOLHAPUR

(AN EMPOWERED AUTONOMOUS INSTITUTE)

2130, 'E' ward, Tarabai Park, Kolhapur, Tal. Karveer, Dist. Kolhapur -416003

Affiliated to Shivaji University, Kolhapur (M.S.)

NAAC Reaccredited : "A+" (C. G. P. A. - 3.29)

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Founder

Dr. Bapuji Salunkhe
D.Lit.

President

Hon. Chandrakant Dada Patil
Minister, Higher & Technical Education,
Parliamentary Affairs

Chairman

Prin. Abhaykumar Salunkhe
M.A.

Secretary

Prin.Mrs. Shubhangi Gawade
M.Sc.,B.Ed.

Principal

Dr. R. R. Kumbhar
M.Sc.,M.Phil.,Ph.D.

Ref. No. VCK/ 2474/2024-25

Date : 6/2/2025

To,
The Managing Director
Oasis Agro Industries,
Shirol, Dist- Kolhapur

Subject:- Regarding permission to visit your esteemed industry.

Respected Sir,

I would like to inform you that our students of M.Sc. I Microbiology' are interested to visit your Industry, as it is the part of their study. Hereby, I request you to grant the permission and help them to make their bright future.

Total 34 students and 2 faculty will likely to visit on 7th February 2025. You are requested to convey your consent as early as possible

Thanking you,

Yours faithfully



Dr. R. R. Kumbhar

PRINCIPAL

VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)



Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur (An Empowered Autonomous Institute)
PG Department of Microbiology
Academic Year 2024-25

Workshop

Jointly organized by

PG Dept of Microbiology, Vivekanand College, Kolhapur (An Empowered Autonomous Institute) and Oasis Agro Industries, Tal. Shirol, Dist. Kolhapur on
"Production of Microbial Biofertilizers and Biopesticides" as a part of MoU

Date: 07/02/2025

Time: 11:00 am to 3.00 pm

Class M. Sc. I Attendance of students

Sr. No.	Name of Student	Roll No.	Sign
Boys			
1.	Sankpal Sourabh Rajaram	5429	<i>[Signature]</i>
2.	Surgali Shreshail Mulbappa	5431	<i>[Signature]</i>
3.	Mane Yash Sanjay	5418	<i>[Signature]</i>
4.	Malavi Rahul Gautam	5417	<i>[Signature]</i>
5.	Ganai Atharva Ramdas	5410	<i>[Signature]</i>
6.	Rohan Lavindra Gaware	5430	<i>[Signature]</i>
Girls			
1.	Shravya P. Bhosale.	5405.	<i>[Signature]</i>
2.	Rushita D. Pawar	5428	<i>[Signature]</i>
3.	Kalyani. P. Yadav	5434	<i>[Signature]</i>
4.	Vaishnavi. V. Chavan	5409	<i>[Signature]</i>
5.	Sakshi. P. Ghodasara	5410	<i>[Signature]</i>
6.	Rasika S. Bhosale.	5404	<i>[Signature]</i>
7.	Bevati. G. Bhinge	5403	<i>[Signature]</i>
8.	Priti. A. Tangade	5482	<i>[Signature]</i>
9.	Sangar S. Mulla	5420	<i>[Signature]</i>
10.	Sanika Sagar Chavan	5407	<i>[Signature]</i>
11.	Samina Firoz Mulani	5419	<i>[Signature]</i>
12.	Aishwarya Mayuri Angaj	5401	<i>[Signature]</i>
13.	Vaishnavi Vivek chandala	5406	<i>[Signature]</i>
14.	Paratchi Chandrakant Kesarkar	54015	<i>[Signature]</i>
15.	Galaxy Sunil Pawar	5427	<i>[Signature]</i>
16.	Shrutika Manik pardeshi	5423	<i>[Signature]</i>
17.	Namrata Anil kondalkar	5414	<i>[Signature]</i>
18.	Asavari Anil kalamkar	5413	<i>[Signature]</i>
19.	Sanika Prakash Thorbole	5493	<i>[Signature]</i>
20.	Damini Mohan Padaval	5422	<i>[Signature]</i>
21.	Dhanshree R. Balekundri	5402	<i>[Signature]</i>
22.	Samaruddhi Bhanudas Patil	5425	<i>[Signature]</i>
23.	Sakshi Deepak Koli	5416	<i>[Signature]</i>
24.	Samaruddhi Sudhir Patil	5426	<i>[Signature]</i>
25.	Pallavi Ravindra Hende	5412	<i>[Signature]</i>



[Signature]

HC HEAD
DEPARTMENT OF MICROBIOLOGY
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)



Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur (An Empowered Autonomous Institute)
PG Department of Microbiology
Academic Year 2024-25

Workshop
Jointly organized by
PG Dept of Microbiology, Vivekanand College, Kolhapur (An Empowered Autonomous
Institute) and Oasis Agro Industries, Tal. Shirol, Dist. Kolhapur on
"Production of Microbial Biofertilizers and Biopesticides" as a part of MoU

Date: 07/02/2025

Time: 11:00 am to 3.00 pm

Attendance of students

Sr. No.	Name of Student	Roll No.	Sign
1	Angaj Aishwarya Maruti	5401	Angaj
2	Balekundri Dhanashri Raju	5402	JB
3	Bhinge Revati Gajanan	5403	Bhinge
5	Bhosale Rasika Sanjay	5404	Bhosale
4	Bhosale Sharayu Pradeep	5405	Bhosale
6	Chandala Vaishnavi Vivek	5406	Chandala
7	Chavan Sanika Sagar	5407	Ab
9	Patil Sharvari Subhash	5408	Sharvari
8	Chavan Vaishnavi Vijay	5409	Chavan
10	Ghodasara Sakshi Pankaj	5410	Ghodasara
11	Gurav Atharva Ramdas	5411	Gurav
12	Hande Pallavi Ravindra	5412	Hande
13	Kalamkar Asavari Anil	5413	Kalamkar
14	Kandalkar Namrata Anil	5414	Namrata
15	Kesarkar Prachi Chandrakant	5415	Kesarkar
16	Koli Sakshi Deepak	5416	Koli
17	Malavi Rahul Gautam	5417	Malavi
18	Mane Yash Sanjay	5418	Mane
19	Mulani Samina Firoj	5419	Mulani
20	Mulla Sanovar Salim	5420	Mulla
21	Mullani Aasma Aameer	5421	Ab
22	Padaval Damini Mohan	5422	Damini
23	Pardeshi Shrutika Manik	5423	Pardeshi
24	Patil Bhushan Dhanaji	5424	Ab
28	Patil Samruddhi Bhanudas	5425	Patil
25	Patil Samruddhi Sudhir	5426	Patil
26	Pawar Galaxy Sunil	5427	Pawar
27	Powar Rushita Dinkar	5428	Powar
29	Sankpal Sourabh Rajaram	5429	Sankpal
30	Sawant Rohan Ravindra	5430	Sawant
31	Surgali Shreeshail Mallappa	5431	Surgali
32	Tangade Priti Anil	5432	Tangade
33	Thorbole Sanika Prakash	5433	Thorbole
34	Yadav Kalyani Dipak	5434	Yadav



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Date: 07/02/2025

Time: 11:00 am to 3.00 pm

Student Feedback Form for Workshop

It is request for students to answer questions under assurance of complete confidentiality. Your interest in it encourages institute to make arrangement to attend such workshops by students.

Name: Samruddhi Bhanudas Patil

Class: M.Sc I

Email: patilsamruddhi2678@gmail.com

Are you satisfied with the workshop overall?

☒ Very satisfied

☐ Satisfied

☐ Neutral

☐ Not satisfied

Is the workshop well organized and planned?

☒ Yes

☐ No

How do you rate the quality of the presentation?

☒ Very good

☐ Good

☐ Satisfactory

☐ Unsatisfactory

How helpful was the workshop to you?

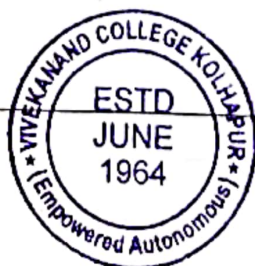
☒ Very helpful

☐ Helpful

☐ Somewhat helpful

☐ Not helpful

Any other comments or suggestions



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Date: 07/02/2025

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Student Feedback Form for Workshop

It is request for students to answer questions under assurance of complete confidentiality. Your interest in it encourages institute to make arrangement to attend such workshops by students.

Name: Vaishnavi Vijay Chavan

Class: M.Sc I

Email: vaishnavic906@gmail.com

Are you satisfied with the workshop overall?

☒ Very satisfied

☐ Satisfied

☐ Neutral

☐ Not satisfied

Is the workshop well organized and planned?

☒ Yes

☐ No

How do you rate the quality of the presentation?

☒ Very good

☐ Good

☐ Satisfactory

☐ Unsatisfactory

How helpful was the workshop to you?

☐ Very helpful

☒ Helpful

☐ Somewhat helpful

☐ Not helpful

Any other comments or suggestions

It was informative



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Date: 07/02/2025

Time: 11:00 am to 3.00 pm

Student Feedback Form for Workshop

It is request for students to answer questions under assurance of complete confidentiality. Your interest in it encourages institute to make arrangement to attend such workshops by students.

Name: Priti Anil Tongade

Class: Msc-1 (Microbiology)

Email:

Are you satisfied with the workshop overall?

☐ Very satisfied

☒ Satisfied

☐ Neutral

☐ Not satisfied

Is the workshop well organized and planned?

☒ Yes

☐ No

How do you rate the quality of the presentation?

☒ Very good

☐ Good

☐ Satisfactory

☐ Unsatisfactory

How helpful was the workshop to you?

☐ Very helpful

☒ Helpful

☐ Somewhat helpful

☐ Not helpful

Any other comments or suggestions

Workshop was very good & informative



Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur

(An Empowered Autonomous Institute)

PG Department of Microbiology and Internal Quality Assurance Cell

Academic Year 2024-25

Report

PG Dept. of Microbiology signed a MoU with Oasis Agro Industries located at Shirol, Dist. Kolhapur. Oasis Agro Industries is a leading company in West Maharashtra involved in the production of biofertilizers and biopesticides. As a part of MoU, a workshop for students was jointly organized by PG Dept of Microbiology, and IQAC, Vivekanand College, Kolhapur and Oasis Agro Industries on **"Production of Microbial Biofertilizers and Biopesticides"** at Oasis Agro Industries production unit.

The date for workshop decided was 7th Feb. 2025. Thirty two students of M. Sc. Part I of Microbiology attended the workshop. Prof. Dr. S. D. Mali, and Ms. S. S. Shaikh of the department were accompanied the students. At Oasis Agro Industry, Mrs. K. P. Mali, Co-Director of the industry welcomed us. Mr. Pravin C. Mali, Director of the industry delivered an introductory lecture concerning the products manufactured in the industry. He gave basic knowledge of biofertilizers and biopesticides in a very simple language to students. He explained why it is essential to increase the usage of biofertilizer and biopesticides over chemical fertilizers and chemical pesticides. Biofertilizers and biofertilizers are not only environment friendly products but also economical to farmers. Mali sir also described methods of production of biofertilizers. He also showed packets of biofertilizers which are their own formulations. Similarly, he explained methods of applications of biofertilizers. The industry also carries out quality control testing of their products to decide viability and functionality of products. During workshop, students also observed production of *Trichogramma* biopesticide. The pesticide is marketed to farmers in the form of cards. These cards are inserted on stem or leaves of crop. This is the easy, ecofriendly, and economical way of control of pest. Overall students learned about environmentally friendly approach of agriculture.

The workshop on biofertilizers and biopesticides was an eye-opening experience for student that encouraged them to pursue entrepreneurship in this field.



Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur (An Empowered Autonomous Institute)
PG Department of Microbiology
Academic Year 2024-25

MoU

Between
PG Dept of Microbiology, Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)
and
Oasis Agro Industries, Tal. Shirol, Dist. Kolhapur on



जयसिंगपूर : येथील ओ.ए.एस. अँग्रो इंडस्ट्रीजचा विवेकानंद कॉलेजबरोबर सामंजस्य करार प्रसंगी पदाधिकारी.

ओ.ए.एस. अँग्रो इंडस्ट्रीजचा विवेकानंद कॉलेजबरोबर सामंजस्य करार

जयसिंगपूर : येथील ओ.ए.एस. अँग्रो इंडस्ट्रीजचा कोल्हापूर येथील विवेकानंद महाविद्यालयातील सूक्ष्मजीवशास्त्र पदवीत्तर विभागाबरोबर पाच वर्षांसाठी सामंजस्य करार झाला. या करारांतर्गत पुढील पाच वर्षांसाठी महाविद्यालयातील पदवीत्तर विद्यार्थ्यांसाठी विविध संयुक्त प्रोजेक्ट, प्रशिक्षण, कार्यशाळेचे आयोजन केले जाणार आहे. यामध्ये विद्यार्थ्यांना जैविक व पर्यावरण पूरक शेती, जैविक निविष्टा उत्पादन याविषयी प्रशिक्षण देण्यात येणार आहे. तसेच विषमुक्त व पर्यावरण पूरक शेती याविषयी मार्गदर्शन केले जाणार आहे. यावेळी ओ.ए.एस. अँग्रो इंडस्ट्रीजचे डायरेक्टर कृषितज्ञ प्रवीण माळी, कल्पना माळी, प्राचार्य डॉ. आर. आर. कुंभार, डॉ. टी. सी. गोपाले, डॉ. माळी, डॉ. भिसे यांच्यासह पदाधिकारी उपस्थित होते.



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on
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Photos

