

**“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)**

Department of Microbiology and Internal Quality Assurance Cell

One Day Workshop

As a part of MoU

On

**“Green Entrepreneurs of Tomorrow:
Biofertilizer and Biopesticide Business
Opportunities”**

06/02/2026

Academic Year: 2025-2026



Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)
Department of Microbiology and Internal Quality Assurance Cell
2025-26

06/02/2026

One Day Workshop jointly organized by
Department of Microbiology and Internal Quality Assurance Cell
and
Oasis Agro Industries, Shirol
As a part of MoU activity
On
"Green Entrepreneurs of Tomorrow: Biofertilizer and Biopesticide Business
Opportunities"

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“Education for Knowledge, Science and Culture”
-Shikshah Maharshi Dr. Bapuji Salunkhe
Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)
Internal Quality Assurance Cell
2025-2026



Quality Initiatives/ Activities Report

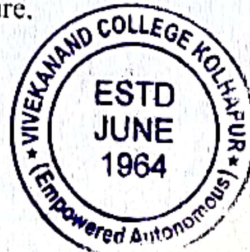
1. **Name of Department:** Microbiology
2. **Name of Organized Activity:** One day workshop as a part of MoU activity
3. **Date/ Duration:** 06/02/2026
4. **Aims and Objectives:**
 - To provide knowledge about biofertilizers and biopesticides as eco-friendly alternatives to chemical inputs.
 - To introduce students to the concept of green entrepreneurship in the agricultural sector.
5. **No. of beneficiaries:** 66 (Male- 06; Female -60)
6. **Expenditure & funding agency:** Rs.1000 funded by college

7. Brief description:

The workshop on “Green Entrepreneurs of Tomorrow: Biofertilizer and Biopesticide Business Opportunities” focused on creating awareness about sustainable agricultural inputs and their growing entrepreneurial potential. The session highlighted the importance of biofertilizers and biopesticides as eco-friendly alternatives to chemical fertilizers and pesticides. The speaker explained the role of beneficial microorganisms in enhancing soil fertility, promoting plant growth, and controlling plant diseases. The lecture also discussed market trends, government support, regulatory aspects, and the basic steps involved in starting a bio-based agricultural enterprise.

8. Outcomes:

- Students gained knowledge about biofertilizers and biopesticides as sustainable alternatives to chemical agricultural inputs.
- Students became aware of the growing market demand and business potential in the biological agriculture sector.
- The lecture motivated students to explore green entrepreneurship and consider startup opportunities in sustainable agriculture.



3
PG Department of Microbiology,
Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)
Date - 31/01/2026

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

Subject: Permission to organize one day workshop under MoU

Respected Sir,

The Department of Microbiology Vivekanand College Kolhapur with Oasis Agro Industries, Shirol, District Kolhapur has signed Memorandum of Understanding (MoU). As a part of the MoU activities, the department in collaboration with IQAC and Oasis Agro Industries will going to organize a one-day workshop on 5th February 2026 at the Department of Microbiology.

The topic of the workshop is "Green Entrepreneurs of Tomorrow: Biofertilizer and Biopesticide Business Opportunities." The workshop will be conducted for B.Sc. Part III and M.Sc. Part I and Part II Microbiology students.

Therefore, I kindly request you to grant permission to organize the above-mentioned workshop. We also request you to kindly sanction an amount of Rs. 1,000/- towards workshop-related expenses.

Thanking you.

Yours faithfully,

Dr. T. C. Gaupale
Dr. T. C. Gaupale
I/C Head
Department of Microbiology
Vivekanand College, Kolhapur
(Empowered Autonomous)

४१२२१२१४, २११६८
[Signature]
31.1.26
Allowed
H. H. H. H.
31-1-2026





Shri Swami Vivekanand Shikshan Sanstha's
VIVEKANAND COLLEGE, KOLHAPUR (EMPOWERED AUTONOMOUS)

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

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ISO 9001 : 2015



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कोल्हापूर

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D.Lit.

President
Hon. Chandrakant Dada Patil
MLA

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/ 2530 | 2025-26

Date : 2/2/2026

To,
The Director,
Oasis Agro Industries,
Shirol, District Kolhapur.

Subject: Invitation for One-Day Workshop under MoU Activity

Respected Sir,

The Department of Microbiology, Vivekanand College, Kolhapur, in collaboration with IQAC, proposes to organize a one-day workshop on 5th February 2026 as a part of the MoU activities with Oasis Agro Industries. The workshop is planned for graduation and post graduation students of Microbiology. The theme for workshop is "Green Entrepreneurs of Tomorrow: Biofertilizer and Biopesticide Business Opportunities"

I cordially invite you to participate and share your valuable expertise with our students. Your guidance will greatly benefit and motivate them. We look forward to your positive response.

Thanking you in anticipation.



Received
Malk
6/2/26

Yours faithfully,

hshwat

Dr. S. P. Thorat

I/c Principal
Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)

"Dissemination of Education for Knowledge, Science and Culture"
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Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)
Department of Microbiology and Internal Quality Assurance Cell
Academic Year 2025-26

Notice

Date- 30/01/2026


All students of Microbiology are hereby informed that the Department of Microbiology, in association with Internal Quality Assurance Cell and Oasis Agro Industries, has organized a one-day workshop on Friday, 6th February 2026 as a part of the Memorandum of Understanding (MoU) signed with Oasis Agro Industries.

Time- 11:00 a.m.

Topic- Green Entrepreneurs of Tomorrow: Biofertilizer and Biopesticide Business Opportunities

All students are required to be present for the workshop.




Dr. T. C. Gaupale
I/C Head
Department of Microbiology
Vivekanand College, Kolhapur
(Empowered Autonomous)

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(An Empowered Autonomous Institute)
Department of Microbiology and Internal Quality Assurance Cell
Academic Year 2025-26

One Day Workshop jointly organized by
Vivekanand College, Kolhapur (An Empowered Autonomous Institute)
and
Oasis Agro Industries, Shirol
As a part of MoU
On
"Green Entrepreneurs of Tomorrow: Biofertilizer and Biopesticide Business
Opportunities"

PROGRAMME SCHEDULE

- | | |
|-----------------------------|---|
| ❖ Inauguration of function | -Mr. P. C. Mali, Director, Oasis Agro Industries
by watering the plant |
| ❖ Introduction of function | - Dr. T. C. Gaupale |
| ❖ Introduction of the Guest | - Dr. S. D. Mali |
| ❖ Speaker | - Mr. P. C. Mali |
| ❖ Vote of Thanks | - Ms. V. V. Misal |
-

- Date – 06/02/2026
- Time- 11.00 am
- Venue- Room no.- 201



Sr. No.	Name of Student	Class	Signature
Girls			
1.	Ishwari Pradeep Kachare.	MSc I st	Ishwari
2.	Samrudhi Dhanaji Wadkar	Msc. I	Samrudhi
3.	Valshnavi Jitendra Khot	Msc. I	Valshnavi
4.	Jyoti Sandip Shinde	Msc I	Jyoti Shinde
5.	Sakshi Pankaj Ghodasara	M.Sc II	Sakshi
6.	Priti Anil Tangade	M.Sc II	Priti Tangade
7.	Revati Gajanan Bhinge	Msc. II	Revati Bhinge
8.	Sakshi Deepak Koli	Msc. II	Sakshi
9.	Samruddhi Sudhir Patil	Msc II	Samruddhi Patil
10.	Samina Firoz Mulani	Msc II	Samina
11.	Sanavar Salim Mulla	Msc. II	Sanavar
12.	Ghruti Santosh Machivale	Bsc-I	Ghruti
13.	Sufiya Shabbir Mujawar	B.S. I	Sufiya Mujawar
14.	Meghashree Sanjay Satpute	B.S. II	Meghashree
15.	Ameeta Peashant Gotwe	B.S. II	Ameeta
16.	Sanskriti Santosh Kamat	Msc - I	Sanskriti
17.	Aishwarya Ganesb Hajare	Msc - I	Aishwarya
18.	Prachi Sanjay Mali	Msc - I	Prachi
19.	Jayshri Krushnat Sutar	Msc - I	Jayshri
20.	Sakshi Manohar Mane	BSC - III	Sakshi
21.	Bhagyashree Masute	BSC III	Bhagyashree
22.	Rutuja Suresh Kumbhar	BSC - III	Rutuja
23.	Sanika Aayn Kumbhar	BSC - III	Sanika
24.	Sanjyoti Ramchandra Patil	BSC - III	Sanjyoti
25.	Gouel. Vidyasagar. Gutav.	BSC III	Gouel
26.	Kalyani. D. yadav	Msc II	Kalyani
27.	Varshnavi. v. chavan	Msc II	Varshnavi
28.	Prachi C. Kesarkar	M. Sc II	Prachi
29.	Rasika Sanjay Bhasale	M. Sc II	Rasika
30.	Samruddhi Bhanudas Patil	-	Samruddhi



Sr. No.	Name of Student	Class	Signature
Girls			
31	Janhvi Nitin shinde	Bsc-III	NA
32.	Juyera Ilai khatib	Bsc III	Jkhatib
33.	Taruna Nishrudas Nirankari	Bsc III	NA
34	Dhanashri Raju Balekundri	M.Sc II	DB
35.	Damini Mohan Padaval	Msc II	Damini
37.	Rushita Dinkar Powers	M.Sc II	Rushita
38.	Aharayu Pradeep Bhosale.	M.Sc II.	Pradeep
39.	Samruddhi Laxman Dongare	B.Sc. III	SDongare
40.	Priti Pramod Patil	B.Sc. III	Patil
41	Janhvi Ashok Patil	B.Sc. III	Patil
42.	Harshali Uttam Jadhav	B.Sc. III	HJadhav
43.	Priti Anil Parit	B.Sc. II	Parit
44.	Patil Rutuja Rawsahab	B.Sc II	Patil
45	Samkruti Tanaji Deshmukh	BSC II	Deshmukh
46.	Shreya Jinendra Vasagade	Bsc II	Vasagade
47.	Sanjana P.K. Rathi.	BSC III	Rathi
48	Pragati Shomarov Jadhav	BSC I	P.S.J
49	Juveriya Muddsar Pothan	BSC-I	J.Pothan
50	Sanika Balu Dhangar	BSC-I	Sanika
51.	Shraddha Babaji Kamble.	B.Sc-I	SBKamble
52.	Priyadarshani Amar Salokhe.	B.Sc.-I	Salokhe
53.	Samruddhi Suresh Parit	Bsc-I	Parit
54.	Sheeya Sunil Patil	BSC II	Patil
55.	Samruddhi Vijay Shinde	B.Sc-II	S.V.Shinde
56.	Sanika Tanaji Chougule	BSC-II	Chougule
57.	Paaliti Dakoram Debale	BSC II	Debale
58.	Gaeni Pramod Paul	BSC-II	GP.Paul
59.	Vatsha Tanaji Gutav.	Bsc-II	V.Gutav.
60.	Sanika Jotitam Thaneekar	B.Sc-II	S.J.Thaneekar





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

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

Ref. No. VCK/समक्ष/2025-26

Date : 6/2/2026

To
The Director,
Oasis Agro Industries,
Shirol, District Kolhapur.

Respected Sir,

On behalf of the Department of Microbiology, Vivekanand College, Kolhapur, I sincerely thank you for your valuable support and participation in the one-day workshop organized on 6th February 2026 under the MoU activities.

Your expert guidance on "Green Entrepreneurs of Tomorrow: Biofertilizer and Biopesticide Business Opportunities" was highly informative and inspiring for our students. The interaction helped students gain practical insights into industry-oriented entrepreneurial opportunities. We greatly appreciate your cooperation and look forward to continued collaboration in future academic activities.

Thanking you once again.



Yours faithfully,

Dr. S. P. Thorat

Dr. S. P. Thorat

I/c Principal
Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)

*Received
Malik
6/2/26*

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

Department of Microbiology and Internal Quality Assurance Cell
Academic Year 2025-26

Workshop
On

Green Entrepreneurs of Tomorrow: Biofertilizer and Biopesticide Business
Opportunities

Date: 06/02/2026

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: Revati Gajanan Bhinge

Class: Msc -II

Email: revatibhinge@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

This workshop provided valuable knowledge about the importance of biofertilizers & biopesticides in sustainable agriculture. Such workshops should be conducted regularly to promote sustainable & profitable agribusiness.

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Department of Microbiology and Internal Quality Assurance Cell
Academic Year 2025-26

Workshop
On

Green Entrepreneurs of Tomorrow: Biofertilizer and Biopesticide Business
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Date: 06/02/2026

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: Ishwari Pradeep Kachare.

Class: MSc I

Email: ishwarikachare10@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

- This workshop gives many ideas regarding to business.

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Academic Year 2025-26

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On
Green Entrepreneurs of Tomorrow: Biofertilizer and Biopesticide Business
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Date: 06/02/2026

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: *Prati . Pramad . Patil*

Class: *B.Sc -TY Microbiology.*

Email:



Are you satisfied with the workshop overall?

Very satisfied

Neutral

Satisfied

Not satisfied

Is the workshop well organized and planned?

Yes

No

How do you rate the quality of the presentation?

Very good

Satisfactory

Good

Unsatisfactory

How helpful was the workshop to you?

Very helpful

Somewhat helpful

Helpful

Not helpful

Any other comments or suggestions

Through the future perspective the workshop was helpful. Accordingly it guided very properly. Overall, the workshop proved to be guide us in business orientations.

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Vivekanand College, Kolhapur
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Department of Microbiology and Internal Quality Assurance Cell
Academic Year 2025-26

One day workshop as a part of MoU activity on
"Green Entrepreneurs of Tomorrow: Biofertilizer and Biopesticide Business Opportunities"

Report

The Department of Microbiology organized a workshop on the topic "**Green Entrepreneurs of Tomorrow: Bio fertilizer and Bio pesticide Business Opportunities**" to provide students with insights into sustainable agricultural innovations and emerging entrepreneurial prospects in the biological sector. The session aimed to bridge the gap between academic knowledge and practical business opportunities in eco-friendly agricultural inputs.

The speaker elaborated on the growing importance of bio fertilizers and bio pesticides as sustainable alternatives to chemical fertilizers and pesticides. Emphasis was given to the increasing global and Indian market demand for organic and residue-free agricultural produce. The lecture highlighted how microbial products such as nitrogen-fixing bacteria, phosphate-solubilising microorganisms, and bio control agents like *Trichoderma*, *Pseudomonas*, and *Bacillus* species play a vital role in improving soil fertility, enhancing plant growth, and controlling plant pathogens in an environmentally safe manner. The resource person discussed the expanding market trends, government support schemes, and subsidies that encourage start-ups and small-scale industries in this sector. The lecture also focused on entrepreneurial skills required for success, such as innovation, market research, farmer education, and building distribution networks through agri-input dealers and Farmer Producer Organizations (FPOs).

Overall, the workshop was highly informative and inspiring. It provided practical exposure to business opportunities in bio fertilizers and bio pesticides and motivated students to become future green entrepreneurs contributing toward sustainable and eco-friendly agricultural practices.



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Department of Microbiology and Internal Quality Assurance Cell

Academic Year 2025-26

**One Day Workshop As a part of MoU activity on
“Green Entrepreneurs of Tomorrow: Biofertilizer and Biopesticide Business
Opportunities”**

Photos

