

Activity report 2023-24

Short Term Course – Sericulture for Rural Youth

Name of the College - Shri Vijaysinha Yadav College, Peth Vadgaon

Name of the Organizer - Department of Zoology

Name of Skill Provider – Mr. Rohitkumar Shivaji Kadam, Ph. D. Scholar & Sericulturist

Name of the Activity - Short Term Course - Sericulture for Rural Youth

Date & Time – 01 to 07 March 2024 (excluding Sunday) 09.30 am to 10.30 am

09 March 2024 09.30 am to 02.00 pm (Mr. Rohitkumar Shivaji Kadam)

No. of students took the advantage – 39

Objectives –

- i. To enlighten the students with agriculture based business idea.
- ii. To develop the skill of handling silk worms carefully.
- iii. To promote self employability with the application of sericulture in their farms.

Description –

Department of Zoology conducted **Short Term Course - Sericulture for Rural Youth** for the science students. Total 39 students enrolled for this course. Total 06 theory lectures were conducted by 04 faculty of the department and **Practical demo** was conducted by the **Sericulture expert and Ph. D. Scholar Mr. Rohitkumar Shivaji Kadam**. The course was run between 01 and 09th March 2024. The examination of the course was conducted on 05-04-2024 at 01.00 pm to 02.00 pm. All the students successfully completed the course.

Outcome –

- i. The students got the knowledge of sericulture business.
- ii. The students got the skill of handling silk worms & obtaining silk.

Glimpses of the Activity



Dr. R. H. Atigre
Coordinator & **Head**
Department of Zoology
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur

Dr. Ashok S. Chavan
Principal
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

Shri Vijaysinha Yadav College, Peth Vadgaon

Department of Zoology**Short Term Course – Sericulture for Rural Youth****Notice for students**

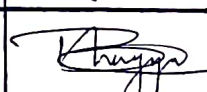

All the students of B. Sc. II are hereby informed that, the Department of Zoology is conducting the **short term course - Sericulture for Rural Youth** in the Academic year 2023-24. The course will be run in the month of February March 2024. This course will help to **begin an Agro based start-up of Silk production** and will increase the income source of the farmers-youth. **The course is free of cost.** All the participated students will get a certificate after successful completion of the course. Interested students are informed to **fill the admission form during Monday, 05-02-2024 to Saturday, 17-02-2024** available in the Department of Zoology and book your seat.



Dr. Rajaram H. Atigre
Coordinator & **Head**
Department of Zoology
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur



Dr. Ashok S. Chavan
Principal
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

Sr. No	Name of the teacher	Class	Sign
1.	Bhagyashree Avdant Sutar	B.Sc - II	
2.	Dr. S.V. Maske	B.Sc. II	

Shri Vijaysinha Yadav College, Peth Vadgaon

Department of Zoology

SRY-01

Short Term Course – 2023-24**Sericulture for Rural Youth – Application form**

To,

The Principal,

Shri Vijaysinha Yadav College,

Peth Vadgaon

**Subject – Application for the admission to the course – Sericulture
for Rural Youth**

Respected Sir,

With respect to above mentioned subject, I am applying for the short term course – **Sericulture for Rural Youth** to be conducted by the **Department of Zoology**, in the academic year 2023-24. Please allow me for the same. My details are as follows.

Name of the Student – Ankita Shahaji Bhandani

Date of Birth – 09/12/2003

Religion – Hindu **Caste –** Maratha

Address – A/t post Nanande, Tal - Halkangale.

Class – B.Sc-II

Roll No. – 1068

Admitted
[Signature]

Admitted
[Signature]
I/C Principal
Shri Vijaysinha Yadav College,
Peth Vadgaon, Dist. Kolhapur.

ABhandani
Yours faithfully,

(Ankita Bhandani)

Shri Vijaysinha Yadav College, Peth Vadgaon


Department of Zoology


Short Term Course – 2023-24

Sericulture for Rural Youth – List of Registered Students

Sr. No	Roll. No	Name of the Student	Mobile no.	Date of Birth	Address
1	SRY - 01	Bhandari Ankita Shahaji	9373305090	9/12/2003	Narunde
2	SRY - 02	Bhosale Vaishnavi Vishvas	9767713693	25-8-2004	Peth Vadgaon
3	SRY - 03	Chopade Amruta Maruti	7588697957	9/07/2004	Latwade
4	SRY - 04	Dalavi Neha Atul	7620343799	10/12/2003	Kodali.
5	SRY - 05	Desavale Shraddha Sunil	9022679294	06/05/2004	Khochi
6	SRY - 06	Dhumal Anjali Vijay	8468806567	27/10/2004	New Pargaon
7	SRY - 07	Jadhav Swati Balaso	7499089498	27/05/2004	Minche
8	SRY - 08	Jadhav Vaishnavi Vijay	9156947804	27/02/2004	Bhadole
9	SRY - 09	Jagtap Divya Sunil	8766823182	20/10/2003	Bagani
10	SRY - 10	Kamble Sejal Jaysing	7249611105	11/05/2004	Savarde
11	SRY - 11	Kamble Shraddha Rajesh	9881661869	10/11/2003	Vadgaon
12	SRY - 12	Karade Rasika Dhanaji	7248909134	4/06/2004	Peth Vadgaon
13	SRY - 13	Kerlekar Aaditi Indrajit	9130714950	03/01/2004	Peth Vadgaon
14	SRY - 14	Khot Sakshi Raghunath	7385114749	03/07/2004	Bhadole
15	SRY - 15	Koli Pranali Anil	8766749615	12/04/2004	Khochi.
16	SRY - 16	Mali Sakshi Vijay	935990416	13-11-2004	Kini
17	SRY - 17	Mali Shruti Sanjay	9890403155	26-09-2004	Ambap
18	SRY - 18	Mane Satyaprakash Bhimsen	9356784142	29-01-2005	Padali
19	SRY - 19	Parit Sakshi Santosh	9284091174	13-01-2005	Savarde
20	SRY - 20	Patil Anagha Anil	7028369454	25-05-2005	Narunde
21	SRY - 21	Patil Anushka Dhanaji	9681895737	8-4-2004	Savarde
22	SRY - 22	Patil Harshvardhan Santosh	9322141588	18-11-2004	Khochi
23	SRY - 23	Patil Nikita Vijaykumar	9158305751	9-1-2004	A/p. Savarde

24	SRY - 24	Patil Prachi Madhukar	8010499035	13-3-2004	Bhadkambe
25	SRY - 25	Patil Prajakta Jaykar	9970221762	4-12-2003	Ghunki
26	SRY - 26	Patil Pranjal Shivaji	9579544714	27/02/2004	Baqani.
27	SRY - 27	Patil Rutuja Rajendra	7298106366	28/09/2003	New Pargaon
28	SRY - 28	Patil Sanika Sanjay	9765400612	17/04/2005	Latwade
29	SRY - 29	Patil Sanika Santosh	8788473751	24/09/2004	Latwade.
30	SRY - 30	Patil Sayali Shivaji	9209211966	30-1-2004	Bhadole
31	SRY - 31	Pawar Tejaswini Popat	9322763526	30-1-2005	Latwade
32	SRY - 32	Powar Snehal Mahesh	9028645105	30-12-2003	Vadgaon.
33	SRY - 33	Relekar Anuja Chandrakant	9960963477	21/11/2004	New Pargaon
34	SRY - 34	Shelar Sakshi Mahesh	9623841131	14-11/2003	Baqani.
35	SRY - 35	Shinde Jyoti Sandeep	9699764417	01-09-2004	Kini
36	SRY - 36	Suryavanshi Aishwarya Namdev	7083083691	5/7/2002	New Pargaon
37	SRY - 37	Taigade Sahil Sandip	8983202001	28-07-2004	Peth vadgaon.
38	SRY - 38	Varape Tanuja Sanjay	9923476163	4-4-2005	Ambap
39	SRY - 39	Vathare Sharvari Sudheer	7522953927	25-11-2003	Ambap


Head
 Department of Zoology
 Shri. Vijaysinha Yadav College
 Peth Vadgaon, Dist. Kolhapur



Principal
 Shri. Vijaysinha Yadav College
 Peth Vadgaon, Tal. Hatkanangale,
 Dist. Kolhapur.

Department of Zoology

Short Term Course – 2023-24

Sericulture for Rural Youth – Time Table

Sr. No.	Date	Time	Name of the Teacher	Topic
01	01-03-2024	09.30 to 10.30	Dr. Rajaram H. Atigre	Introduction to Sericulture i. History of Sericulture ii. Scope of Sericulture iii. Importance of Sericulture
02	02-03-2024	09.30 to 10.30	Dr. Rajaram H. Atigre	Moriculture i. Plantation of Mulberry plant ii. Maintenance of Mulberry plant iii. Disease Management
03	04-03-2024	09.30 to 10.30	Dr. Suryakant V. Maske	Silk Moth i. Types of silk moth ii. Morphology of mulberry silk moth iii. Life Cycle of silk moth
04	05-03-2024	09.30 to 10.30	Dr. Suryakant V. Maske	Silk Moth iv. Diseases of silk moth v. Economic importance of silk moth
05	06-03-2024	09.30 to 10.30	Dr. Aishwarya S. Pawar	Silkworm rearing i. Introduction to Sericulture ii. Rearing of silk moth iii. Marketing of cocoons iv. Post harvesting process
06	07-03-2024	09.30 to 10.30	Dr. Sumit R. Mali	Economics of sericulture i. Expenses for one acre mulberry plantation ii. Expenses for silkworm rearing iii. Gradation of cocoons
07	09-03-2024	09.30 to 1.30	Mr. Rohitkumar S. Kadam	Practical demo i. Silk Moth ii. Moriculture iii. Silkworm rearing iv. Economics of sericulture


 Head
 Department of Zoology
 Shri. Vijaysinha Yadav College
 Peth Vadgaon, Dist. Kolhapur

Shri Vijaysinha Yadav College, Peth Vadgaon

Department of Zoology

Short Term Course – 2023-24

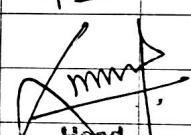
Sericulture for Rural Youth – Attendance

Roll. No.	Name of the Student	1/03/2024	2/03/2024	4/03/2024	5/03/2024	6/03/2024	07/03/2024	09/03/2024
1	Pranjal Shiroji Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
2	Neha Atul Dalavi	Neha	Neha	Neha	Neha	Neha	Neha	Neha
3	sneha mahesh power	Power	Power	Power	Power	Power	Power	Power
4	sakshi mahesh shelar	Shelar	Shelar	Shelar	Shelar	Shelar	Shelar	Shelar
5	Aishwarya N. Suryawanshi	AAS	AAS	AAS	AAS	AAS	AAS	AAS
6	Harshvardhan S. Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
7	Sahil Sandip Jagtap	Jagtap	Jagtap	Jagtap	Jagtap	Jagtap	Jagtap	Jagtap
8	Divya Sanil Jagtap	Divya	Divya	Divya	Divya	Divya	Divya	Divya
9	Ankita Shahaji Bhandari	Bhandari	Bhandari	Bhandari	Bhandari	Bhandari	Bhandari	Bhandari
10	Jyoti Sandip Shinde	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde
11	Anjali H. Vijay Dhumal	Anjalio	Anjalio	Anjalio	Anjalio	Anjalio	Anjalio	Anjalio
12	Rutuja Rajendra Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil

RHA
 Intro. to Sericulture
 RHA
 Mon. Culture
 SVM
 Silkworm types
 Life cycle of silkworm
 SVM
 Diseases of silkworm
 ASP
 Rearing of silkworm
 SRM
 Ecos. Sericulture
 RSK
 Practical Demo

[illegible]

Roll. No.	Name of the Student							
29	Shraddha Sunil Desavale	SDesavale	SDesavale	SDesavale	SDesavale	SDesavale	SDesavale	SDesavale
30	Sharvani Sudheer Vathase.	SVathase	SVathase	SVathase	SVathase	SVathase	SVathase	SVathase
31	Nikita Vijaykumar Patil	NPatil	NPatil	NPatil	NPatil	NPatil	NPatil	NPatil
32	Karade Parika Dhanaji	—	PKarade	PKarade	—	—	PKarade	PKarade
33	Mali Sakshi Vijay	SMali	SMali	SMali	—	SMali	SMali	—
34	Prajakta Jayakar Patil	—	—	JPatil	JPatil	—	—	JPatil
35	Aditi Indrajit Kerelekar	AKerelekar	AKerelekar	—	—	AKerelekar	—	AKerelekar
36	Anagha Anil Patil	APatil	APatil	—	APatil	—	APatil	—
37	Patil Prachi Madhukar	PMPatil	PMPatil	PMPatil	—	PMPatil	PMPatil	PMPatil
38	Sakshi Raghunath Khot	SKhot	—	—	SKhot	SKhot	SKhot	SKhot
39	Mane satyaprakash Bhimsen	BMane	BMane	BMane	—	BMane	—	BMane
40								
41								
42								
43								
44								


 Head
 Department of Zoology
 Shri. Vijaysinha Yadav College
 Peth Vadgaon, Dist. Kolhapur

Date - 30-03-2024

Shri Vijaysinha Yadav College, Peth Vadgaon

Department of Zoology

Short Term Course - 2023-24

Sericulture for Rural Youth - Notice for exam

All the students enrolled for short term course - Sericulture for Rural Youth are hereby informed that, the examination of the above said course will be held as per the schedule given below.

Name of the course - Sericulture for Rural Youth

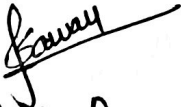
Day & Date of exam - Friday, 05-04-2024


Time - 01.00 too 02.00 pm


Max. Marks - 50


Exam pattern - Objective

All the students are informed to attend the same.


(Dr. A.S. Pawar)
Exam Coordinator


Dr. Rajaram H. Atigre
Coordinator & Head
Department of Zoology
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur

30.03.2024 - practical exam
Batch B1 

01-04.2024 Practical exam
Batch B2 

34/50

SRYO1

Day and Date: Friday, 05/04/2024
Name of Centre: VYMP

Total Marks: 50
Time: 01.00 pm-02.00pm

Q.1. Choose the correct alternative

50

1. What is the life span of an adult 'Bombyx mori' ?
☒ a) 2 days ☒ b) 3-4 days ☐ c) 6 days ☐ d) 8 days
2. Silk contains a protein known as
☒ a) casein ☐ b) fibroin ☐ c) sericin ☒ d) both (b) and (c)
3. What is sericulture?
☒ a) Rearing of fishes ☒ b) Rearing of silkworm
☒ c) Rearing of birds ☐ d) Rearing of cockroach
4. Which of the following varieties of silk is not produced in India?
☒ a) Muga Silk ☐ b) Mulberry Silk ☐ c) Tassar Silk ☒ d) American Silk
5. How many stages are there in the life cycle of a silkworm?
☒ a) 3 ☒ b) 4 ☐ c) 5 ☐ d) 6
6. Cocoon is formed by how many pairs of glands?
☒ a) Two ☐ b) Three ☐ c) Four ☐ d) One
7. Silk is produced by
☒ a) cocoon ☐ b) adult moth ☒ c) larva ☐ d) larva and adult moth
8. Pick the set of beneficial insects to man
☒ a) sandfly, butterfly ☐ b) honey bee, cockroach
☒ c) silkworm, honey bee ☐ d) Housefly, stick insect
9. Honey, silk and lac are
☒ a) artificial elements ☐ b) secretory substance of plants
☒ c) secretory substance of insects ☐ d) all of these
10. Which of the following gland secrete silk
☒ a) Labial gland ☐ b) Sex gland ☒ c) Both a and b ☐ d) None of these
11. What is the ideal range of pH of soil for mulberry plants
☒ a) 6.2 to 6.8 ☒ b) 7.4 to 7.8 ☐ c) 7.9 to 8.4 ☐ d) None of these
12. What is the process of cultivation mulberry plants called as
☒ a) Sericulture ☒ b) Mulberry cultivation
☒ c) a and b both ☐ d) None of these
13. From uzi flies, how rearing house is protected
☒ a) closed windows and ventilation ☐ b) cover window and ventilation with nylon net
☒ c) a and b both ☐ d) none of these

14. ~~Uzi fly~~, What type of parasite is Uzi fly ?
~~a) endoparasite~~ ☒ b) exoparasite
c) a and b both d) none of these

15. Causative agent of flacherie disease
~~a) flacherie virus~~ b) bacteria
~~c) a and b both~~ d) none of these

16. Disinfectants used in rearing house for disinfection is
~~a) 0.05% Asthra solution~~ ☒ b) 2% bleaching powder
~~c) 0.03% slaked lime solution~~ d) all of these

17. The silkworm larva ceases to eat and begins spinning silk all over its body
~~a) from inside to outside~~ ☒ b) from outside to inside
~~c) in a random motion~~ d) all of the above

18. Queen of textiles
~~a) Kanchipuram Sarees~~ ☒ b) Silk
~~c) Cocoon~~ d) Cotton

19. Which rearing equipment is not used at the time of spinning of silkworm larvae?
~~a) Feeding stand~~ ☒ b) Netika
~~c) Chandrika~~ d) Rotary moutage

20. The process of shedding down of exoskeleton in silkworm is called
~~a) Moulting~~ b) Mounting
~~c) Mulching~~ d) Brushing

21. Ahimsa silk is naturally obtained from
~~a) Tasar silk~~ b) Mulberry silk
~~c) Muga silk~~ ☒ d) Eri silk

22. Sericulture is native of
~~a) Japan~~ b) India
~~c) China~~ d) Korea

23. The life cycle of mulberry silkworm is completed
~~a) 20 days~~ b) 30 days
~~c) 35 days~~ d) 45 days

24. Commercial silk is obtained from
~~a) cocoon~~ b) caterpillar
~~c) adult moth~~ d) both egg and adult month

25. Which of the following statements is true
☒ a) salivary gland of moth secrete silk
☒ b) larval form of moth secretes silk
~~c) silk is extracted from cocoons of moth by boiling~~
d) both b and c

Shri. Vijaysinha Yadav College, Peth Vadgaon,

Dept. of Zoology,

Short term course in "Sericulture
for Rural youth"

Attendance of Examination,

Friday, -05-04-2024, Time - 01.00 to 02.00
pm pm

SR. NO.	Name of Student	Signature
1	Divya Sunil Jagtap	<u>Divya</u>
2	Ankita Shahaji Bhandari	<u>A. Bhandari</u>
3	Anjali vijay dhmal	<u>Anjali</u>
4	Aishwariya Namdev suryawanshi	<u>A. S.</u>
5	Snehar mahesh pawar	<u>Sp</u>
6	Sakshi mahesh Shelar	<u>Shelar</u>
7	Charvati Sudheer Valthare	<u>Valthare</u>
8	Shraddha Sunil Desavale	<u>Desavale</u>
9	Tanuja Sanjay Vasepe	<u>Vasepe</u>
10	Shraddha Rajesh Kamble	<u>S. R. K.</u>
11	Anushka Dhanaji Patil	<u>Patil</u>
12	Nikita vijaykumar Patil	<u>N. Patil</u>
13	Vaishnavi vijay Jadhav	<u>V. V. Jadhav</u>
14	Sejal Jaysing Kamble	<u>Kamble</u>
15	Sayali Shivaji Patil	<u>S. Patil</u>
16	Sakshi Santosh Pareit.	<u>S. Pareit</u>
17	Jyoti Sandip Shinde	<u>J. Shinde</u>
18	Tejaswini Popat Pawar	<u>T. Pawar</u>
19	Vaishnavi Vishva Bhosale	<u>V. V. B.</u>

(P.T.O.)

R. No.	SR No	Name of Student	Signature
	20	Sanika Sanjay Patil	<u>SSPatil</u>
	21	Amruta Sanjay patil	
	22	Amruta Maruti chopade	<u>Amruta</u>
	23	sanika santosh patil	<u>SPatil</u>
	24	Swati Balaso Jadhav.	<u>SJadhav</u>
	25	Anuja chandrakant Relekar	A.C.Relekar
	26	Rutuja Rajendra patil	<u>RPatil</u>
	27	Prajakta Jaykar Patil	P.J.Patil
	28	Anagha Anil Patil	<u>Ali</u>
	29	Poonali Anil koli	<u>PKoli</u>
	30	Prachi Madhukar patil.	<u>Patil</u>
	31	Pranjal Shivaji patil	<u>Patil</u>
	32	Neha Atul Dalavi	<u>Neha</u>
	33	Aditi Indrajit kerlekar	<u>AKerlekar</u>
	34	SAKSHI RAGHUNATH KHOT	<u>Sakshi</u>
	35	Rosika Dhanaji Kaze	<u>Rosika</u>
	36	Sakshi vijay mal	<u>Amal</u>
	37	Satyaprakash Bhimsen mane	<u>Satyaprakash</u>
	38	Hemshwarbhan S. patil	<u>HPatil</u>
	39	Shruti Sanjay Mali	<u>SMali</u>

Pawar
(Dr. A.S. Pawar)
Exam Coordinator

Amruti
(Dr. R.H. Atigre)
Head
Department of Zoology
Shri. Vijaysinha Yadav College,
Peth Vadgaon, Dist. Kolhapur

Department of Zoology

Short Term Course – 2023-24

Sericulture for Rural Youth – Result of Final exam

Sr. No	Roll. No	Name of the Student	Marks obtained (Out of 50)
1	SRY - 01	Bhandari Ankita Shahaji .	34
2	SRY – 02	Bhosale Vaishnavi Vishvas .	26
3	SRY – 03	Chopade Amruta Maruti .	30
4	SRY – 04	Dalavi Neha Atul .	32
5	SRY – 05	Desavale Shraddha Sunil .	36
6	SRY – 06	Dhumal Anjali Vijay .	34
7	SRY - 07	Jadhav Swati Balaso .	30
8	SRY – 08	Jadhav Vaishnavi Vijay .	30
9	SRY – 09	Jagtap Divya Sunil .	34
10	SRY - 10	Kamble Sejal Jaysing .	30
11	SRY – 11	Kamble Shraddha Rajesh .	32
12	SRY – 12	Karade Rasika Dhanaji .	24
13	SRY – 13	Kerlekar Aaditi Indrajit .	28
14	SRY – 14	Khot Sakshi Raghunath .	28
15	SRY – 15	Koli Pranali Anil .	34
16	SRY – 16	Mali Sakshi Vijay .	24
17	SRY – 17	Mali Shruti Sanjay	30
18	SRY – 18	Mane Satyaprakash Bhimsen .	30
19	SRY – 19	Parit Sakshi Santosh .	32
20	SRY - 20	Patil Anagha Anil .	30
21	SRY – 21	Patil Anushka Dhanaji .	32
22	SRY – 22	Patil Harshvardhan Santosh .	30
23	SRY – 23	Patil Nikita Vijaykumar .	34

24	SRY – 24	Patil Prachi Madhukar .	32
25	SRY – 25	Patil Prajakta Jaykar .	34
26	SRY – 26	Patil Pranjal Shivaji .	34
27	SRY – 27	Patil Rutuja Rajendra .	32
28	SRY – 28	Patil Sanika Sanjay .	30
29	SRY – 29	Patil Sanika Santosh .	30
30	SRY – 30	Patil Sayali Shivaji .	30
31	SRY – 31	Pawar Tejaswini Popat .	34
32	SRY – 32	Powar Snehal Mahesh .	36
33	SRY – 33	Relekar Anuja Chandrakant .	30
34	SRY – 34	Shelar Sakshi Mahesh .	36
35	SRY – 35	Shinde Jyoti Sandeep .	34
36	SRY – 36	Suryavanshi Aishwarya Namdev .	30
37	SRY – 37	Taigade Sahil Sandip	32
38	SRY - 38	Varape Tanuja Sanjay .	36
39	SRY - 39	Vathare Sharvari Sudheer .	36

Pawar
Dr. A.S. Pawar
(Exam Coordinator)

Kim
Dr. R.H. Atigre
Head
Department of Zoology
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur