

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

Department of Zoology

**ADD ON COURSE
ON
BEE KEEPING AND HONEY
PROCESSING**



Academic year-2022-2023

Shri Swami Vivekanand Shikshan Sanstha's
VIVEKNAND COLLEGE, KOLHAPUR (AUTONOMOUS)
DEPARTMENT OF ZOOLOGY
Academic Year 2022-2023

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ADD ON COURSE ON "BEEKEEPING AND HONEY PROCESSING"

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G. K. Sontakke
Dr. G. K. Sontakke
Head,
Department of Zoology
Vivekanand College,
Kolhapur (Autonomous)



“Education for Knowledge, Science and Culture”
 -Shikshahmaharshi Dr. Bapuji Salunkhe
 Vivekanand College, Kolhapur (Autonomous)
Internal Quality Assurance Cell
 2022-23



Quality Initiatives/ Activities Report

1. **Name of Department:** Zoology
2. **Name of Organized Activity:** Add on Course- “Beekeeping and honey processing”
3. **Date/ Duration:** 30 hr.

4. **Aims and Objectives:**

1. To inculcate importance of Beekeeping and Honey Processing in relation with entrepreneurship development.
2. To give students knowledge about various techniques of Bee keeping and honey processing and its marketing to make them self-sustainable after graduation.
3. To teach techniques of construction of Bee Hives and its maintenance.
4. To teach students about Honey production and health related problems with Honey bees.

5. **No. of beneficiaries:**

	Teachers		Students	
	Male	Female	Male	Female
	2	3	26	54
Total	5		80	

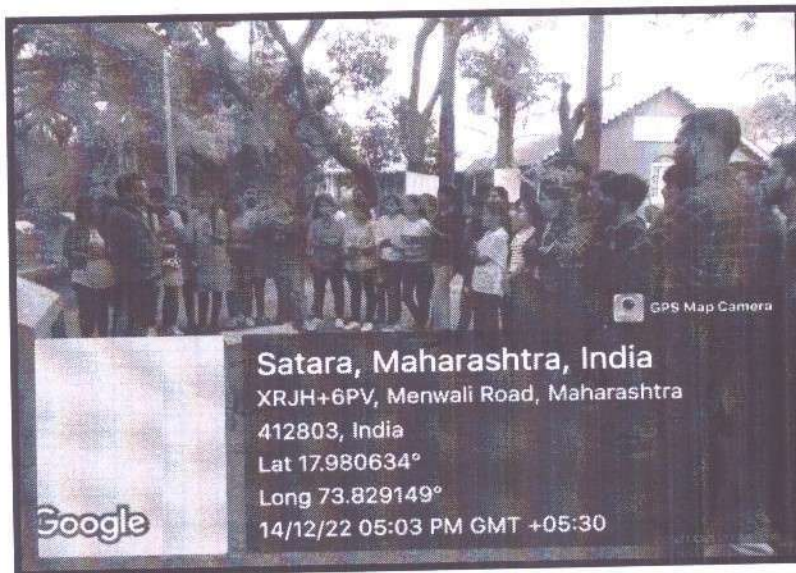
6. **Expenditure & funding agency:** Vivekanand College Kolhapur (Autonomous)

7. **Brief description:** Add on Course in ‘Beekeeping and Honey Processing’ was introduced for B.Sc./ B.A./ B. Com Undergraduate students of Arts, Commerce and Science for academic year 2022- 2023 with a view to enhance essential for employability. The syllabus, emphasis on development of entrepreneurial potential and skills amongst the students. For teaching 5 teachers were involved with total 48 lectures (30Hrs). The course scheduled by morning 10.30-11.30 am. Total 80 students of our college were admitted for this course. A certificate was provided to all passed students.

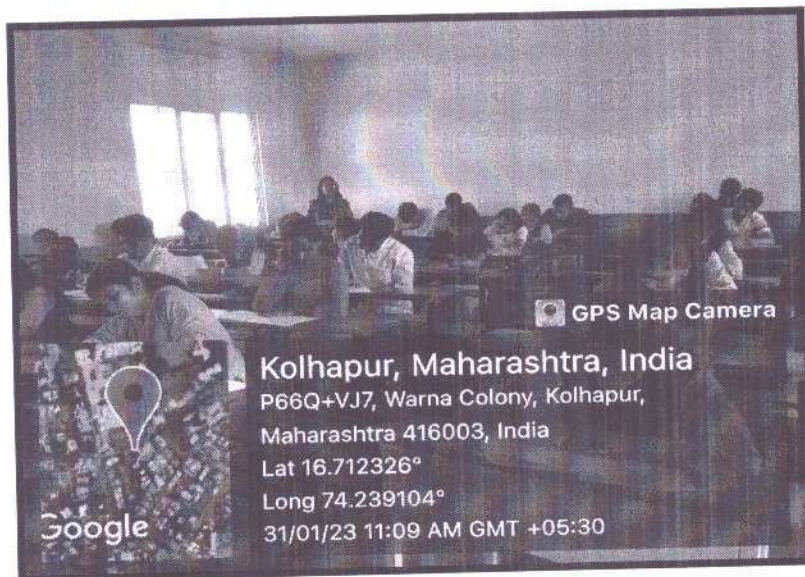
8. **Outcomes:**

1. Students aware about importance of Beekeeping and Honey Processing
2. Students acquires the knowledge about various techniques of Bee keeping and honey processing and its marketing to make them self-sustainable after graduation.
3. Students aware about Honey production and health related problems with Honey bees.

9. **Photos:**



Hands on training at Directorate of Beekeeping Mahabaleshwar, Maharashtra



Examination conducted for the Bee keeping and honey processing

10. **Signatures of coordinator/ organizer:**

Putar
 Head,
 Department of Zoology
 Vivekanand College,
 Kolhapur (Autonomous)

5

Permission letter

Date: 27/08/2022

To,
The Principal,
Vivekanand College, Kolhapur (Autonomous)

Subject: Regarding the permission to start Add on Course

Respected Sir,

With reference to above subject, Department of Zoology is going to conduct add on course on **"Beekeeping and honey processing"** for academic year 2022-2023. The details of course are mentioned below. For that kindly requesting you to grant permission for the same.

Name of the Course - Beekeeping and Honey processing

Duration - 30 Hrs

Fees - Rs.500/-

Thanking you.

pod
27/8/2022

Allowed
pk
27.8.2022

Yours faithfully,

G. K. Sontakke
Dr. G. K. Sontakke
Head,
Department of Zoology
Vivekanand College,
Kolhapur (Autonomous)

Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur (Autonomous)

Department of Zoology

Academic year 2022-2023

**ADD ON COURSE-
BEEKEEPING AND HONEY PROCESSING**


Date: 15/09/2022

NOTICE

All students hereby informed that Department of Zoology is going to organize **Add on Course on "Beekeeping and Honey processing"** for this semester of academic year 2022-2023. The interested students can register for this course. The fees for above said course is Rs. 500/-. Students have to pay the course fees in the department of Zoology 20th September to 31st October 2022.

Commencement of Classes- 09th November, 2022

Duration- 30 Hrs


Dr. G. K. Sontakke
Head,
Department of Zoology
Vivekanand College,
Kolhapur (Autonomous)



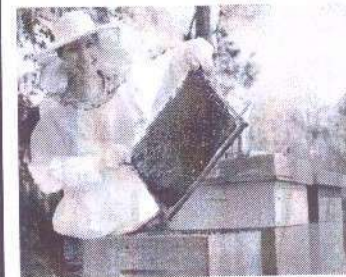
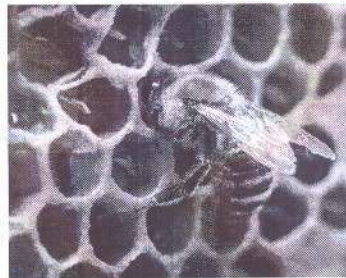
Shri Swami Vivekanand Shikshan Sanstha's
VIVEKANAND COLLEGE, KOLHAPUR [Autonomous]

(Affiliated to Shivaji University, Kolhapur)

NAAC Reaccredited : "A" with CGPA 3.24

College With Potential For Excellence

ISO 9001-2015



DEPARTMENT OF ZOOLOGY

Academic year 2022 - 2023

Add on Course: Beekeeping & Honey

About Course: Processing

This is a practical course which introduces the subject on beekeeping to the students with brief history and introduction. Information on the basic principles of honey bee management, bee equipment used and manipulations required for scientific honey production is covered in this course.

Highlight of Course:

- Hands on training-beekeeping
- Field Visit at Apiculture Centres
- Guest Lecture by Expert

Opportunities:

- Self employment

Course outcomes:

- The learner understands the basics about beekeeping tools, equipment, and managing beehives.
- To learner for managing beehives for honey production and pollination.
- Learner will understand the marketing of various bee products.

Eligibility: 12th pass **Intake:** 40 **Duration:** 30 Hrs

Dr. G. K. Sontakke
Head
Department of Zoology

Dr. R. R. Kumbhar
Principal
Vivekanand College, Kolhapur

VIVEKANAND COLLEGE KOLHAPUR (AUTONOMOUS)

SYLLABUS

ADD ON COURSE
IN
“BEEKEEPING
AND
HONEY PROCESSING”

Academic Year 20222-23

ADD ON COURSE IN BEEKEEPING AND HONEY PROCESSING

Jr. College Recog. No. H.S.C./1074/R-1/DT : 8-8-1976
Jr. College Code No. 23-09-002
Jr. College U.Dise No. 27341301006

“ज्ञान, विज्ञान आणि सुरस्कार यांसाठी शिक्षण प्रसार”
शिक्षणसंस्थी श्री. बापूजी साबुंबे

Estd. : June 1964



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

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

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

NAAC Reaccredited : "A" (CGPA 3.24)

College with Potential for Excellence by U.G.C., New Delhi

"Star College" by D.B.T. Govt. of India

ISO 9001 : 2015



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DEPARTMENT OF ZOOLOGY

ADD ON COURSE IN BEEKEEPING AND HONEY PROCESSING

CONTENT

Sr. No	Particulars	Page No
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2.	Objectives of the Course	01
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ADD ON COURSE IN BEEKEEPING AND HONEY PROCESSING

PREAMBLE

Globalization of education and economy has led the University Grants Commission to reorient and reshape its policies and programs to make the current Indian Higher Education System more relevant and career-oriented with focus on quality and excellence. It is envisaged that professionally qualified graduates with a sound knowledge of their core disciplines and expertise in a concerned skill will have more openings in service, industry and self-employment sectors. Demand and scope for such professionally trained graduates are visible in the applied fields of almost all basic/core disciplines and faculties in the current changing global scenario and is likely to increase in the future.

The present Add on Course in '**Beekeeping and Honey Processing**' was introduced for B.Sc./ B.A./ B. Com Undergraduate students of Science, Commerce and an Arts faculty the academic year 2022- 2023 with a view to enhance essential for employability. This syllabus, emphasis on development of entrepreneurial potential and skills amongst the students.

OBJECTIVES OF THE COURSE

- ✦ To inculcate the importance of beekeeping and honey processing in relation to entrepreneurial development.
- ✦ To give students knowledge about various techniques of bee keeping and honey processing and its marketing to make them self-sustainable after graduation.
- ✦ To teach techniques for building bee hives and their maintenance.
- ✦ To teach students about honey production and health related problems with honey bees.

LEARNING OUTCOMES OF THE COURSE

By the end of this course, students should be able to learn:

- ✦ The learner understands the basics of beekeeping tools, equipment, and managing beehives.
- ✦ To understand the basic life cycle of the honeybees, beekeeping tools and equipment.
- ✦ To learn about managing beehives for honey production and pollination.
- ✦ The course is useful for providing self-employment for learners.
- ✦ Beekeeping is useful in pollination of the flora.
- ✦ Learners will understand the marketing of various bee products.

ORDINANCE

- ✦ The Add-on Course Beekeeping and Honey processing is for Under Graduate Level in B.A./ B.Sc./B.Com. and will be covered under the following ordinances.
- ✦ The number of students per batch is 40.
- ✦ The admission/examination shall be open to any candidate who passed the 10+2 examination with at least 45% marks in aggregate in science/commerce/art.
- ✦ The duration of this course will consist of thirty hours. Lecture will conduct any four days of every week.
- ✦ Every candidate will be required to attend a minimum of 75 % lectures/periods delivered to that class.
- ✦ The course will be 30 hours (each lecture will be 48 minutes), with a field session and a final exam.
- ✦ Exams will consist of multiple-choice questions, short answer or essay questions and diagrams to label.
- ✦ The candidate must obtain 35 % of the total marks in theory and practical separately to pass the course.
- ✦ The candidate after passing the examination will be awarded a separate certificate in Beekeeping and Honey Processing.

SYLLABUS

Title of the Course: Bee Keeping and Honey Processing
(Course code: ADZBKHP2201)

THEORY

Unit I: **15 lectures**

Biology of Honey bees: **7 lecture**

Introduction of Apiculture- Scope, importance, history, classification and biology of honey bees.
Social organization of honey bees and types of honey bees.

Honeybee enemies and diseases: **8 lecture**

Bee enemies– Wax moth, ants, wasps, mites, bacterial, viral, fungal & protozoan diseases.
Control and preventive measures.

Unit II: **15 lecture**

Bee keeping tools and equipments: **7 lecture**

Artificial bee rearing (Apiary), bee hives- newton and Langstroth, selection of bee species for apiculture, bee keeping equipments, methods of extraction of honey & honey processing

Economics of bee keeping: **8 lecture**

Honeybee Plants and Floral Calendar, Products of apiculture industry- honey, bee wax, royal jelly, bee venom, pollen, propolis and its uses. Bee keeping in small scale and large scale, economics of bee keeping.

PRACTICAL

1. To study the morphology of Honeybees and Identification of different species and classes of Honey bees
2. To Study different stages in life cycle of Honey bees.
3. To study the behavior of Honeybees
4. Bee keeping unit - Handling of frames with colonies
5. Introduction of parts of Bee box - ISI 'A' type 'B' type & Tools used in Bee keeping
Colony inspection, maintenance - writing up of inspection report
6. Identification of Queen cells, Drone cells & Brood
7. Sugar feeding of colonies in scarcity period
8. Identification of swarming tendency in a colony - Removal of Drone cells
9. Identification of kinds of Queen cells.
10. Methods of Multiplication of Bee Colonies
11. Steps for strengthening of colonies - Requeening technique.
12. Bee flora - Propagation of bee plants - Preparation of floral calendar.
13. Migratory Bee Keeping - measures to be taken while transporting colonies-Mapping of areas for migration.
14. Extraction of Honey using Honey extractor, moisture reduction, packing and storing of Honey. Methods of Extraction of Bees wax, Royal Jelly and Bee venom.

NATURE OF QUESTION PAPER

THEORY

- Instructions:** 1) All the questions are **compulsory**.
 2) Figures to the right indicate **full** marks.
 3) Draw neat labeled diagrams **wherever** necessary.

Time: 2 hours

Total Marks: 50

Q.1. Choose correct alternative.

(10)

- | | | | | |
|-------|----|----|----|----|
| i. | A) | B) | C) | D) |
| ii. | A) | B) | C) | D) |
| iii. | A) | B) | C) | D) |
| iv. | A) | B) | C) | D) |
| v. | A) | B) | C) | D) |
| vi. | A) | B) | C) | D) |
| vii. | A) | B) | C) | D) |
| viii. | A) | B) | C) | D) |
| ix. | A) | B) | C) | D) |
| x. | A) | B) | C) | D) |

Q.2. Answer in one sentence

(10)

- i.
- ii.
- iii.
- iv.
- v.

Q.3 Attempt any Two.

(20)

- i.
- ii.
- iii.

Q.4. Attempt any two

(10)

- i.
- ii.
- iii.

NATURE OF QUESTION PAPER

PRACTICAL

Total Marks=50

- 1. Identify & describe..... 5 Marks
- 2. Identify & describe bee enemies 5 Marks
- 3. Identify & describe diseases 5 Marks
- 4. Identify & mentioned uses 5 Marks
- 5. Describe & draw neat labeled diagram of 10 Marks
- 6. Journal 10 Marks
- 7. Study tour & Viva voce 10 Marks

BIBLIOGRAPHY:

1. Prospective in Indian Apiculture - R.C. Mishra
2. Rearing queen bees in India - M.C. Suryanarayana et. al.
3. Bee Keeping in India - G. K. Ghosh
4. Technology and value addition of Honey - Dr. D. M. Wakhle and K. D. Kamble.
5. ABC & XYZ of Bee culture - A. I. Root
6. Indian Bee Journal - All India Bee Keeping Association
7. Asian Bee Journal
8. Dewey M. Caron, 2013. Honey Bee Biology and Beekeeping, Revised Edition. Wicwas Press, Kalamazoo.
9. Pradip V Jabde, 1993. Text Book of Applied Zoology: Vermiculture, Apiculture, Sericulture, Lac Culture, Agricultural Pests and their Controls. Discovery Publishing House, New Delhi.
10. Eva Crane, 1999. The World History of Beekeeping and Honey Hunting. Routledge, India.
11. Ted Hooper, 2010. Guide to Bees & Honey: The World's Best-Selling Guide to Beekeeping. Northern Bee Books, Oxford.
12. Laidlaw, H.H., 1997. Contemporary queen rearing. Published by Dadant and Sons. R. A. Morse, Rearing queen honey bees. Wicwas press, NY.
13. Alison Benjamin, By (author) Brian McCallum, 2008. Keeping Bees and Making Honey. David & Charles, Newton Abbot.
14. Kim Pezza, 2013. Backyard Farming: Keeping Honey Bees: From Hive Management to Honey Harvesting and More. Hatherleigh Press, U.S.5
15. Kim Flottum, 2014. The Backyard Beekeeper: An Absolute Beginner's Guide to Keeping Bees in Your Yard and Garden. Quarry Books.
16. Roger A. Morse, Kim Flottum, 1998. Honey Bee Pests, Predators and Diseases. WicwasPr; 3rd edition.
17. Alethea Morrison (Author), Mars Vilaubi (Photographer), 2013. Homegrown Honey Bees: An Absolute Beginner's Guide to Beekeeping Your First Year, from Hiving to Honey Harvest. Storey Publishing, LLC; 1 edition.
18. Hunt, G.J., 2000. Using honey bees in pollination Purdue University.
19. Craig Hughes, 2010. Urban Beekeeping: A Guide to Keeping Bees in the City. e Good Life Press, Preston.

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

Department of Zoology
Academic year 2022-2023

**ADD ON COURSE-
BEEKEEPING AND HONEY PROCESSING**

Examination Pattern

Theory	Practical	Total
50 Marks	50 Marks	100 Marks

Nature of Question Paper

Theory

- Instructions:** 1) All the questions are **compulsory**.
 2) Figures to the right indicate **full marks**.
 3) Draw neat labeled diagrams **wherever** necessary.

Time: 2 hours

Total Marks: 50

Q.1. Choose correct alternative.

- | | | | | |
|-------|----|----|----|----|
| i) | A) | B) | C) | D) |
| ii) | A) | B) | C) | D) |
| iii) | A) | B) | C) | D) |
| iv) | A) | B) | C) | D) |
| v) | A) | B) | C) | D) |
| vi) | A) | B) | C) | D) |
| vii) | A) | B) | C) | D) |
| viii) | A) | B) | C) | D) |
| ix) | A) | B) | C) | D) |
| x) | A) | B) | C) | D) |

(10)

Q.2. Answer in one sentence

- i)
- ii)
- iii)
- iv)
- v)

(10)

Q.3 Attempt any Two.

- A)
- B)
- C)

(20)

Q.3. Attempt any two

- A)
- B)
- C)
- D)

(10)



Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College Kolhapur (Autonomous)
 Department of Zoology
 Academic year- 2022-23
 Add on Course on
"Bee keeping and honey processing"

List of the Student

Sr. No	Roll No	Name of the Student	Class	What app Mobile No.
1.	BH2201	Alman Adesh Ajit	B.Sc. III	9356562870
2.	BH2202	Bardeskar Stuti Kaitan	B.Sc. III	8975020404
3.	BH2203	Bhurke Swara Sachin	B.Sc. II	9284031014
4.	BH2204	Chapte Kaushal Balasaheb	B. Sc. I	9359685752
5.	BH2205	ChopadarVedanshu Vinay	B.Sc. II	7387731752
6.	BH2206	Chougale Priyanka Sanjay	B.Sc. III	9923730717
7.	BH2207	Chougale Vaishnavi Sardar	B.Sc. I	9371004201
8.	BH2208	Chougale Vaishnavi Shivaji	B.Sc. I	9404600410
9.	BH2209	Chougule Vinay Vijay	B. Sc.I	8421050138
10.	BH2210	Dabholkar Meghdut Vishnu	B.Sc. III	9356768972
11.	BH2211	Dadarne Aditya Ajit	B. Sc. I	8806899300
12.	BH2212	Darekar Vishakha Vishwanath	B.Sc. III	8956186613
13.	BH2213	Darvan Madhuri Kumar	B. Sc.III	9156289360
14.	BH2214	Davare Sarita Balu	B.Sc. III	8698871260
15.	BH2215	Gadkari Rifa Farukh	B. Sc.III	9579953308
16.	BH2216	Garde Janhavi Alhad	B.Sc. III	9403694189
17.	BH2217	Ghatage Rutuja Avinash	B. Sc. I	8459173176
18.	BH2218	Gije Nandini Ravindra	B. Sc.III	9579653438
19.	BH2219	Jadhav Sangram Pandurang	B. Sc.III	9307425779
20.	BH2220	Jadhav Suyash Kubar	B. Sc.I	7083776258

21.	BH2221	Kamble Aarti Shivaji	B.Sc. III	8080930806
22.	BH2222	Kamble Pratham Shrirang	B. Sc. II	9271893294
23.	BH2223	Kamble Rutuja Vishal	B.Sc. I	9665174436
24.	BH2224	Kamble Sanjivani Nilkanth	B.Sc. III	8767927831
25.	BH2225	Kamble Shrushti Prakash	B. Sc. II	7447619298
26.	BH2226	Kashid Shantanu Sunil	B.Sc. III	8625072885
27.	BH2227	Kharade Kedar Sanjay	B. Sc. II	7083949690
28.	BH2228	Khot Ankita Ashok	B. Sc.III	7887634314
29.	BH2229	Khot Darshankunmar Sarjerao	B.Sc. III	906768199
30.	BH2230	Kolekar Prathamesh Dilip	B. Sc.I	9172318758
31.	BH2231	Koli Rohit Sanjay	B. Sc.III	7620695488
32.	BH2232	Korane Harshad Mahesh	B. Sc. I	7796771555
33.	BH2233	Kothavale Alisha Tanaji	B. Sc. II	7875891130
34.	BH2234	Kumbhar Shruti Ramchandra	B.Sc. II	7666899115
35.	BH2235	Ligade Smeet Sunil	B.Sc I	9130526234
36.	BH2236	Mane Payal Ashok	B. Sc III	8483807529
37.	BH2237	Mangave Apurva Balaso	B.Sc. I	9067563108
38.	BH2238	Metkar Aniket Ananda	B. Sc.III	9146328962
39.	BH2239	More Supriya Sanjay	B. Sc.III	9022004294
40.	BH2240	Mulik Amruta Ajay	B. Sc.I	7387017048
41.	BH2241	Mulik Mohini Shivaji	B.Sc. II	8799996560
42.	BH2242	Mulla Tahesin Altaf	B. Sc.III	8605869313
43.	BH2243	Nadaf Saniya Yunus	B.Sc. II	9822353196
44.	BH2244	Nalwade Sakshi Sunil	B.Sc. III	9422580546
45.	BH2245	Nayakwadi Ashiya Riyaj	B. Sc. I	8080957543
46.	BH2246	Patil Janhavi Jagdish	B.Sc. II	8308688769


Shri Swami Vivekanand Shikshan Sanstha's
VIVEKNAND COLLEGE, KOLHAPUR (AUTONOMOUS)
 DEPARTMENT OF ZOOLOGY
 Academic Year 2022-2023

Time Table – Add on Course
“Bee keeping and Honey processing”

Time	Tuesday	Wednesday	Thursday	Friday	Saturday
10 -11am	GKS	SSD	PSS	TCG	VKP

GKS- Dr. G. K. Sontakke TCG- Dr. T. C. Goupale SSD- Dr. S. S. Desai

VKP- Ms. V. K. Patil PSS- Ms. P. S. Shetfalkar


Dr. G. K. Sontakke
 Head,
 Department of Zoology
 Vivekanand College,
 Kolhapur (Autonomous)

Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College Kolhapur (Autonomous)
 Department of Zoology
 Academic year- 2022-23

Add on Course "Bee keeping and honey processing"

Attendance of the Student

Sr. No	Name of the Student	16/11/22	17/11/22	18/11/22	19/11/22	21-11-2022
1.	Alman Aadesh Ajit	<u>Ajit</u>	<u>Ajit</u>	<u>Ajit</u>	<u>Ajit</u>	<u>Ajit</u>
2.	Bardeskar Struti Kaitan STUH	<u>Struti</u>	<u>Struti</u>	<u>Struti</u>	<u>Struti</u>	<u>Struti</u>
3.	Bhurke Swara Sachin	<u>Swara</u>	<u>Swara</u>	<u>Swara</u>	<u>Swara</u>	<u>Swara</u>
4.	Chapate Kushal Balasaheb	<u>Kushal</u>	<u>Kushal</u>	<u>Kushal</u>	<u>Kushal</u>	<u>Kushal</u>
5.	Chopdar Vedanshu Vinay chopdar	<u>Vedanshu</u>	<u>Vedanshu</u>	<u>Vedanshu</u>	<u>Vedanshu</u>	<u>Vedanshu</u>
6.	Chougale Priyanka Sanjay	<u>Priyanka</u>	<u>Priyanka</u>	<u>Priyanka</u>	<u>Priyanka</u>	<u>Priyanka</u>
7.	Chougale Vaishanavi Sardar	<u>Vaishanavi</u>	<u>Vaishanavi</u>	<u>Vaishanavi</u>	<u>Vaishanavi</u>	<u>Vaishanavi</u>
8.	Chougale Vaishanavi Shivaji	<u>Vaishanavi</u>	<u>Vaishanavi</u>	<u>Vaishanavi</u>	<u>Vaishanavi</u>	<u>Vaishanavi</u>
9.	Chougale Vinay Vijay	<u>Vinay</u>	<u>Vinay</u>	<u>Vinay</u>	<u>Vinay</u>	<u>Vinay</u>
10.	Dabholkar Meghdut Vishnu	A	A	A	<u>Meghdut</u>	A
11.	Dadame Aditya Ajit	A	<u>Aditya</u>	<u>Aditya</u>	A	A
12.	Darekar Vishakha Vishvanath	<u>Vishakha</u>	<u>Vishakha</u>	<u>Vishakha</u>	<u>Vishakha</u>	<u>Vishakha</u>
13.	Darvan Madhuri Kumar	<u>Madhuri</u>	<u>Madhuri</u>	A	<u>Madhuri</u>	<u>Madhuri</u>
14.	Davare Sarita Balu	<u>Sarita</u>	<u>Sarita</u>	<u>Sarita</u>	<u>Sarita</u>	<u>Sarita</u>
15.	Gadkari Rifa Farukh	<u>Rifa</u>	<u>Rifa</u>	A	<u>Rifa</u>	<u>Rifa</u>
16.	Garde Janhavi Alhad	<u>Janhavi</u>	<u>Janhavi</u>	<u>Janhavi</u>	<u>Janhavi</u>	<u>Janhavi</u>
17.	Ghatage Rutuja Avinash	R.A.Ghatage	R.A.Ghatage	R.A.Ghatage	R.A.Ghatage	R.A.Ghatage
18.	Gije Nandini Ravindra	<u>Nandini</u>	<u>Nandini</u>	<u>Nandini</u>	<u>Nandini</u>	<u>Nandini</u>
19.	Jadhav Sangram Panduran	<u>Sangram</u>	<u>Sangram</u>	A	<u>Sangram</u>	<u>Sangram</u>
20.	Jadhav Suyash Kubar	A	A	A	skj	A
21.	Kamble Aarti Shivaji	<u>Aarti</u>	<u>Aarti</u>	<u>Aarti</u>	<u>Aarti</u>	<u>Aarti</u>

22.	Kamble Pratham Shrirang	Kamble	Kamble	Kamble	Kamble	Kamble
23.	Kamble Rutuja Vishal	Kamble	Kamble	A	Kamble	Kamble
24.	Kamble Sanjivini Nilkanth	Kamble	Kamble	A	Kamble	Kamble
25.	Kamble Shrushti Prakash	Kamble	Kamble	Kamble	Kamble	Kamble
26.	Kashid Shantanu Sunil	Kashid	Kashid	A	A	A
27.	Kharade Sanjay Kedar	A	A	A	A	Kedar
28.	Khot Ankita Ashok	A	A	A	A	Ankita
29.	Khot Darshankunmar Sarjerao	Khot	Khot	A	Khot	Khot
30.	Kolekar Prathamesh Dilip	A	A	Prathamesh	Prathamesh	Prathamesh
31.	Koli Rohit Sanjay	Koli	Koli	A	Koli	Koli
32.	Korane Harshad Mahesh	Korane	Korane	Korane	Korane	Korane
33.	Kothavale Alisha Tanaji	A	A	Kothavale	A	Kothavale
34.	Kumbhar Shruti Ramchandra	Kumbhar	Kumbhar	A	Kumbhar	Kumbhar
35.	Ligade Smeet Sunil	A	Ligade	A	Ligade	Ligade
36.	Mane Payal Ashok	Mane	Mane	A	Mane	Mane
37.	Mangave Apurva Balaso	Mangave	Mangave	A	Mangave	Mangave
38.	Metkar Aniket Anada	Metkar	Metkar	A	Metkar	Metkar
39.	More Supriya Sanjay	More	More	A	More	More
40.	Mulik Amruta Ajay	Mulik	Mulik	Mulik	Mulik	Mulik
41.	Mulik Mohini Shivaji	Mulik	Mulik	Mulik	Mulik	Mulik
42.	Mulla Tehesim Altaf	Mulla	Mulla	A	Mulla	Mulla
43.	Nadaf Saniya Yunus	Nadaf	Nadaf	Nadaf	Nadaf	Nadaf
44.	Nalwade Sakshi Sunil	Nalwade	Nalwade	A	Nalwade	Nalwade
45.	Nayakwade Ashiya Riyaj	Nayakwade	Nayakwade	Nayakwade	Nayakwade	Nayakwade
46.	Patil Janhavi Jagdish	Patil	Patil	Patil	Patil	Patil
47.	Patil Mrunali Vitthal	A	Patil	Patil	Patil	Patil

48.	Patil Niraj Dipak	Niraj	Niraj	A	Niraj	Niraj
49.	Patil Om Chandrakant	Patil	Patil	Patil	Patil	Patil
50.	Patil Omkar Vijay	Omkar	Omkar	A	Omkar	Omkar
51.	Patil Pragati Tanaji	Patil	Patil	Patil	Patil	Patil
52.	Patil Priya Prakash	Patil	A	A	Patil	A
53.	Patil Rutuja Chandrakant	Patil	Patil	Patil	Patil	Patil
54.	Patil Sanika Suryakant	Patil	Patil	A	Patil	Patil
55.	Patil Shubhada Ganesh	Shubhada	Shubhada	Shubhada	Shubhada	Shubhada
56.	Patkare Asmita Ananda	A	Asmita	A	Asmita	Asmita
57.	Potdar Shephali Satish	Potdar	Potdar	Potdar	Potdar	Potdar
58.	Pujari Supriya Rama	Pujari	Pujari	Pujari	Pujari	Pujari
59.	Sankpal Sourabh Rajaram	Sankpal	Sankpal	Sankpal	Sankpal	Sankpal
60.	Sarpe Supriy Milind	Sarpe	Sarpe	Sarpe	Sarpe	A
61.	Savairan Arpita Sanjay	Savairan	Savairan	Savairan	A	Savairan
62.	Sawant Siddhi Amar	Sawant	Sawant	A	Sawant	Sawant
63.	Shaikh Rizwan Firoz	Shaikh	Shaikh	Shaikh	Shaikh	Shaikh
64.	Shewale Prithviraj Subhash	Shewale	Shewale	A	Shewale	Shewale
65.	Shinde Abhay Tatoba	Shinde	Shinde	Shinde	Shinde	Shinde
66.	Shinde Adityaraj Sachin	Shinde	Shinde	Shinde	Shinde	Shinde
67.	Shinde Pragati Sakharan	Shinde	Shinde	A	Shinde	Shinde
68.	Shinde Shruti Ravindra	Shinde	Shinde	Shinde	Shinde	Shinde
69.	Shingare Madhavi Dhondiram	Shingare	Shingare	Shingare	Shingare	Shingare
70.	Singh Shweta Raviranjn	Singh	Singh	Singh	Singh	A
71.	Surgali Shreeshail Mallappa	Surgali	Surgali	A	Surgali	Surgali
72.	Sutar Vaishanavi Rajendra	Sutar	Sutar	Sutar	Sutar	Sutar
73.	Tadavalekar Tejasvini Ananda	Tadavalekar	A	Tadavalekar	Tadavalekar	Tadavalekar

74.	Tadwale Aarohi Anil	A	A	A	A	<u>Tadwale</u>
75.	Tamaichikar Nilam Narendra	Nilam	Nilam	Nilam	Nilam	A
76.	Tope Preeti Pravin	A	A	<u>Popc.</u>	<u>Popc.</u>	<u>Popc.</u>
77.	Vadgaonvkar Prasad Shubhash	Prasad	Prasad	Prasad	Prasad	Prasad
78.	Varute Omkar Sambhaji	Varute	Varute	A	Varute	A
79.	Vathare Soundarya Sanjay	A	Vathare	A	Vathare	Vathare
80.	Vora Kritika Bharat	Vora	A	A	Vora	A

Pitru

Head,
Department of Zoology
Vivekanand College,
Kolhapur (Autonomous)

Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College Kolhapur (Autonomous)
Department of Zoology
 Academic year- 2022-23

Add on Course "Bee keeping and honey processing"

Attendance of the Student

Sr. No	Name of the Student	23/11/22	24/11/22	25/11/22	26/11/22	27/11/22
1.	Alman Aadesh Ajit	<u>Alman</u>	<u>Alman</u>	<u>Alman</u>	<u>Alman</u>	<u>Alman</u>
2.	Bardekar Struti Kaitan	<u>Bardekar</u>	<u>Bardekar</u>	<u>Bardekar</u>	<u>Bardekar</u>	<u>Bardekar</u>
3.	Bhurke Swara Sachin	<u>Bhurke</u>	<u>Bhurke</u>	<u>Bhurke</u>	A	<u>Bhurke</u>
4.	Chapate Kushal Balasaheb	<u>Chapate</u>	<u>Chapate</u>	<u>Chapate</u>	<u>Chapate</u>	<u>Chapate</u>
5.	Chopdar Vedanshu Vinay	<u>Chopdar</u>	<u>Chopdar</u>	<u>Chopdar</u>	<u>Chopdar</u>	<u>Chopdar</u>
6.	Chougale Priyanka Sanjay	<u>Chougale</u>	<u>Chougale</u>	A	<u>Chougale</u>	<u>Chougale</u>
7.	Chougale Vaishanavi Sardar	<u>Chougale</u>	<u>Chougale</u>	<u>Chougale</u>	<u>Chougale</u>	<u>Chougale</u>
8.	Chougale Vaishanavi Shivaji	<u>Chougale</u>	<u>Chougale</u>	<u>Chougale</u>	<u>Chougale</u>	<u>Chougale</u>
9.	Chougule Vinay Vijay	A	A	A	A	A
10.	Dabholkar Meghdut Vishnu	<u>Dabholkar</u>	A	<u>Dabholkar</u>	A	<u>Dabholkar</u>
11.	Dadame Aditya Ajit	<u>Dadame</u>	A	A	A	A
12.	Darekar Vishakha Vishvanath	<u>Darekar</u>	A	<u>Darekar</u>	<u>Darekar</u>	<u>Darekar</u>
13.	Darvan Madhuri Kumar	<u>Darvan</u>	<u>Darvan</u>	<u>Darvan</u>	<u>Darvan</u>	<u>Darvan</u>
14.	Davare Sarita Balu	<u>Davare</u>	<u>Davare</u>	<u>Davare</u>	<u>Davare</u>	<u>Davare</u>
15.	Gadkari Rifa Farukh	<u>Gadkari</u>	<u>Gadkari</u>	A	<u>Gadkari</u>	<u>Gadkari</u>
16.	Garde Janhavi Alhad	<u>Garde</u>	<u>Garde</u>	<u>Garde</u>	<u>Garde</u>	<u>Garde</u>
17.	Ghatage Rutuja Avinash	R.A.Ghatage	R.A.Ghatage	R.A.Ghatage	R.A.Ghatage	R.A.Ghatage
18.	Gije Nandini Ravindra	<u>Gije</u>	<u>Gije</u>	<u>Gije</u>	<u>Gije</u>	<u>Gije</u>
19.	Jadhav Sangram Pandurang	<u>Jadhav</u>	<u>Jadhav</u>	<u>Jadhav</u>	<u>Jadhav</u>	<u>Jadhav</u>
20.	Jadhav Suyash Kubar	<u>Jadhav</u>	<u>Jadhav</u>	A	A	A
21.	Kamble Aarti Shivaji	<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>

24/11/22 25/11/22 26/11/22 27/11/22

22.	Kamble Pratham Shrirang	Kamble	Kamble	Kamble	Kamble	Kamble
23.	Kamble Rutuja Vishal	Kamble	Kamble	Kamble	Kamble	Kamble
24.	Kamble Sanjivini Nilkanth	Kamble	Kamble	Kamble	Kamble	Kamble
25.	Kamble Shrushti Prakash	Kamble	Kamble	Kamble	Kamble	Kamble
26.	Kashid Shantanu Sunil	Kashid	Kashid	Kashid	A	A
27.	Kharade Sanjay Kedar	A	A	A	A	Kedar
28.	Khot Ankita Ashok	A	A	A	A	SIKHOOT
29.	Khot Darshankunmar Sarjerao	Khot	Khot	Khot	Khot	Khot
30.	Kolekar Prathamesh Dilip	A	Kolekar	Kolekar	Kolekar	Kolekar
31.	Koli Rohit Sanjay	A	Koli	Koli	Koli	Koli
32.	Korane Harshad Mahesh	Korane	Korane	A	Korane	Korane
33.	Kothavale Alisha Tanaji	Kothavale	Kothavale	Kothavale	Kothavale	Kothavale
34.	Kumbhar Shruti Ramchandra	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar
35.	Ligade Smeet Sunil	A	A	Ligade	A	Ligade
36.	Mane Payal Ashok	Mane	Mane	Mane	Mane	Mane
37.	Mangave Apurva Balaso	Mangave	A	Mangave	Mangave	Mangave
38.	Metkar Aniket Anada	A	Metkar	Metkar	Metkar	Metkar
39.	More Supriya Sanjay	More	More	A	More	More
40.	Mulik Amruta Ajay	Mulik	Mulik	Mulik	Mulik	Mulik
41.	Mulik Mohini Shivaji	Mulik	Mulik	Mulik	Mulik	Mulik
42.	Mulla Tehesim Altaf	Mulla	Mulla	Mulla	Mulla	Mulla
43.	Nadaf Saniya Yunus	Nadaf	Nadaf	Nadaf	Nadaf	Nadaf
44.	Nalwade Sakshi Sunil	Nalwade	Nalwade	Nalwade	Nalwade	Nalwade
45.	Nayakwade Ashiya Riyaj	Nayakwade	Nayakwade	Nayakwade	Nayakwade	Nayakwade
46.	Patil Janhavi Jagdish	A	Patil	Patil	A	Patil
47.	Patil Mrunali Vitthal	A	Patil	Patil	Patil	Patil

23/11/22 24/11/22 25/11/22 26/11/22 27/11/22

48.	Patil Niraj Dipak	meera	meera	meera	meera	A
49.	Patil Om Chandrakant	Patil	Patil	Patil	Patil	Patil
50.	Patil Omkar Vijay	Patil	Patil	Patil	Patil	Patil
51.	Patil Pragati Tanaji	Patil	A	Patil	Patil	Patil
52.	Patil Priya Prakash	Patil	A	Patil	Patil	A
53.	Patil Rutuja Chandrakant	Patil	Patil	A	Patil	Patil
54.	Patil Sanika Suryakant	A	Patil	Patil	Patil	Patil
55.	Patil Shubhada Ganesh	Shubhada	shubhad	shubhad	shubhad	shubhad
56.	Patkare Asmita Ananda	Asmita	Asmita	A	Asmita	Asmita
57.	Potdar Shephali Satish	Potdar	Potdar	Potdar	Potdar	Potdar
58.	Pujari Supriya Rama	Pujari	A	Pujari	Pujari	Pujari
59.	Sankpal Sourabh Rajaram	Sankpal	Sankpal	Sankpal	Sankpal	A
60.	Sarpe Supriy Milind	Sarpe	Sarpe	Sarpe	Sarpe	Sarpe
61.	Savairan Arpita Sanjay	Savairan	Savairan	Savairan	Savairan	Savairan
62.	Sawant Siddhi Amar	Sawant	Sawant	A	Sawant	Sawant
63.	Shaikh Rizwan Firoz	A	A	Bhaijn	Bhaijn	Bhaijn
64.	Shewale Prithviraj Subhash	Shewale	A	Shewale	Shewale	Shewale
65.	Shinde Abhay Tatoba	Shinde	Shinde	Shinde	Shinde	Shinde
66.	Shinde Adityaraj Sachin	Ashinde	Ashinde	Ashinde	Ashinde	Ashinde
67.	Shinde Pragati Sakharam	Prade	Prade	Prade	Prade	Prade
68.	Shinde Shruti Ravindra	Shinde	Shinde	Shinde	Shinde	A
69.	Shingare Madhavi Dhondiram	A	A	Shingare	Shingare	Shingare
70.	Singh Shweta Raviranjn	Singh	Singh	Singh	Singh	
71.	Surgali Shreeshail Mallappa	Surgali	A	Surgali	Surgali	Surgali
72.	Sutar Vaishanavi Rajendra	Sutar	Sutar	Sutar	Sutar	Sutar
73.	Tadavalekar Tejasvini Ananda	Tadavalekar	Tadavalekar	Tadavalekar	Tadavalekar	A

23/11/22 24/11/22 25/11/22 26/11/22

74.	Tadwale Aarohi Anil	A	A	A	A	A
75.	Tamaichikar Nilam Narendra	Nilam	Nilam	Nilam	Nilam	Nilam
76.	Tope Preeti Pravin	Popo	Popo	Popo	Popo	A
77.	Vadgaonvkar Prasad Shubhash	Prasad	Prasad	Prasad	A	Prasad
78.	Varute Omkar Sambhaji	Arute	Arute	Arute	Arute	A
79.	Vathare Soundarya Sanjay	Vathare	A	Vathare	Vathare	Vathare
80.	Vora Kritika Bharat	Vora	A	Vora	A	A

Sub.

Head,
Department of Zoology
Vivekanand College,
Kolhapur (Autonomous)

Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College Kolhapur (Autonomous)
Department of Zoology
 Academic year- 2022-23
 Add on Course "Bee keeping and honey
 processing"


Student Attendance

Sr. No	Name of the Student	01/12/2022	02/12/2022	03/12/2022	05/12/2022	06/12/2022
1.	Alman Adesh Ajit	<u>Alman</u>	<u>Alman</u>	<u>Alman</u>	<u>Alman</u>	<u>Alman</u>
2.	Bardeskar Stuti Kaitan	<u>Bardeskar</u>	<u>Bardeskar</u>	<u>Bardeskar</u>	<u>Bardeskar</u>	<u>Bardeskar</u>
3.	Bhurke Swara Sachin	<u>Bhurke</u>	<u>Bhurke</u>	A	<u>Bhurke</u>	A
4.	Chapte Kaushal Balasaheb	A	A	A	A	Chapte
5.	Chopadar Vedanshu Vinay	<u>Chopadar</u>	<u>Chopadar</u>	<u>Chopadar</u>	<u>Chopadar</u>	<u>Chopadar</u>
6.	Chougale Priyanka Sanjay	A	<u>Chougale</u>	<u>Chougale</u>	<u>Chougale</u>	<u>Chougale</u>
7.	Chougale Vaishnavi Sardar	<u>Chougale</u>	<u>Chougale</u>	<u>Chougale</u>	<u>Chougale</u>	<u>Chougale</u>
8.	Chougale Vaishnavi Shivaji	<u>Chougale</u>	<u>Chougale</u>	A	A	<u>Chougale</u>
9.	Chougule Vinay Vijay	<u>Chougule</u>	<u>Chougule</u>	<u>Chougule</u>	<u>Chougule</u>	<u>Chougule</u>
10.	Dabholkar Meghdut Vishnu	A	A	A	A	A
11.	Dadarne Aditya Ajit	A	<u>Dadarne</u>	<u>Dadarne</u>	<u>Dadarne</u>	<u>Dadarne</u>
12.	Darekar Vishakha Vishwanath	<u>Darekar</u>	<u>Darekar</u>	A	<u>Darekar</u>	A
13.	Darvan Madhuri Kumar	<u>Darvan</u>	<u>Darvan</u>	<u>Darvan</u>	<u>Darvan</u>	<u>Darvan</u>
14.	Davare Sarita Balu	A	<u>Davare</u>	<u>Davare</u>	<u>Davare</u>	<u>Davare</u>
15.	Gadkari Rifa Farukh	<u>Gadkari</u>	<u>Gadkari</u>	A	<u>Gadkari</u>	<u>Gadkari</u>
16.	Garde Janhavi Alhad	<u>Garde</u>	<u>Garde</u>	<u>Garde</u>	<u>Garde</u>	<u>Garde</u>
17.	Ghatage Rutuja Avinash	A	R.A.Ghatage	R.A.Ghatage	R.A.Ghatage	R.A.Ghatage
18.	Gije Nandini Ravindra	<u>Gije</u>	<u>Gije</u>	A	<u>Gije</u>	<u>Gije</u>
19.	Jadhav Sangram Pandurang	<u>Jadhav</u>	<u>Jadhav</u>	<u>Jadhav</u>	<u>Jadhav</u>	<u>Jadhav</u>
20.	Jadhav Suyash Kubar	A	A	A	A	A

21.	Kamble Aarti Shivaji	A	Kamble	Kamble	Kamble	Kamble
22.	Kamble Pratham Shrirang	Kamble	Kamble	Kamble	Kamble	Kamble
23.	Kamble Rutuja Vishal	Kamble	A	A	Kamble	Kamble
24.	Kamble Sanjivani Nilkanth	Kamble	Kamble	Kamble	A	Kamble
25.	Kamble Shrushti Prakash	Kamble	Kamble	Kamble	Kamble	Kamble
26.	Kashid Shantanu Sunil	A	A	A	A	A
27.	Kharade Kedar Sanjay	A	A	A	A	Kharade
28.	Khot Ankita Ashok	Khot	Khot	Khot	Khot	Khot
29.	Khot Darshankunmar Sarjerao	Khot	Khot	Khot	Khot	Khot
30.	Kolekar Prathamesh Dilip	Kolekar	Kolekar	Kolekar	Kolekar	Kolekar
31.	Koli Rohit Sanjay	Koli	Koli	Koli	Koli	Koli
32.	Korane Harshad Mahesh	Korane	Korane	Korane	Korane	Korane
33.	Kothavale Alisha Tanaji	A	A	A	A	A
34.	Kumbhar Shruti Ramchandra	Kumbhar	A	Kumbhar	Kumbhar	Kumbhar
35.	Ligade Smeet Sunil	Ligade	Ligade	Ligade	Ligade	Ligade
36.	Mane Payal Ashok	A	Mane	Mane	Mane	A
37.	Mangave Apurva Balaso	Mangave	Mangave	Mangave	Mangave	Mangave
38.	Metkar Aniket Ananda	Metkar	Metkar	Metkar	Metkar	Metkar
39.	More Supriya Sanjay	More	A	More	A	More
40.	Mulik Amruta Ajay	Mulik	Mulik	Mulik	Mulik	Mulik
41.	Mulik Mohini Shivaji	Mulik	Mulik	Mulik	Mulik	Mulik
42.	Mulla Tahesin Altaf	Mulla	Mulla	Mulla	Mulla	Mulla
43.	Nadaf Saniya Yunus	Nadaf	A	Nadaf	Nadaf	Nadaf
44.	Nalwade Sakshi Sunil	A	Nalwade	A	Nalwade	Nalwade
45.	Nayakwadi Ashiya Riyaj	Nayakwadi	Nayakwadi	Nayakwadi	A	Nayakwadi
46.	Patil Janhavi Jagdish	Patil	Patil	Patil	Patil	A

47.	Patil Mrunali Alas Mayuri Vitthal	A	Patil	Patil	Patil	Patil
48.	Patil Neeraj Deepak	Neeraj	Neeraj	Neeraj	A	Neeraj
49.	Patil Om Chandrakant	Patil	Patil	A	Patil	A
50.	Patil Omkar Vijay	Omkar	Omkar	Omkar	Omkar	A
51.	Patil Pragati Tanaji	Pt Patil	Pt Patil	Pt Patil	Pt Patil	A
52.	Patil Priya Prakash	A	A	A	A	A
53.	Patil Rutuja Chandrakant	A	Patil	Patil	Patil	Patil
54.	Patil Sanika Suryakant	Patil	Patil	Patil	Patil	Patil
55.	Patil Shubhada Ganesh	shubhada	shubhada	shubhada	shubhada	shubhada
56.	Patkare Asmita Ananda	Asmita	A	Asmita	A	Asmita
57.	Potdar Shefali Satish	Potdar	Potdar	Potdar	Potdar	Potdar
58.	Pujari Supriya Rama	Pujari	Pujari	Pujari	Pujari	A
59.	Sankpal Sourabh Rajaram	spk	spk	spk	spk	spk
60.	Sarpe Supriy Milind	Sarpe	Sarpe	Sarpe	Sarpe	A
61.	Savairan Arpita Sanjay	Sarpita	Sarpita	Sarpita	A	Sarpita
62.	Sawant Siddhi Amar	A	Sawant	Sawant	Sawant	Sawant
63.	Shaikh Rizwan Firoz	A	Bhaikh	Bhaikh	Bhaikh	Bhaikh
64.	Shewale Prithviraj Subhash	Shule	A	Shule	Shule	Shule
65.	Shinde Abhay Tatoba	Shinde	A	Shinde	Shinde	Shinde
66.	Shinde Adityaraj Sachin	Shinde	Shinde	Shinde	Shinde	Shinde
67.	Shinde Pragati Sakharam	A	Prade	Prade	A	Prade
68.	Shinde Shruti Ravindra	Shinde	Shinde	Shinde	Shinde	Shinde
69.	Shingare Madhavi Dhondiram	Shingare	A	Madhavi	Shingare	A
70.	Singh Shweta Raviranjn	A	Singh	Singh	Singh	Singh
71.	Surgali Shreeshail Mallappa	Surgali	Surgali	Surgali	A	Surgali
72.	Sutar Vaishnavi Rajendra	S.	S.	S.	A	S.

73.	Tadavalekar Tejasvinee Ananda	A	Tadavalekar	A	Tadavalekar	Tadavalekar
74.	Tadwale Aarohi Anil	Aarohi	Aarohi	Aarohi	Aarohi	Aarohi
75.	Tamaichikar Nilam Narendra	Nilam	A	Nilam	Nilam	A
76.	Tope Priti Pravin	Pope	A	Pope	A	Pope
77.	Vadgaonkar Prasad Subhash	A	Prasad	Prasad	Prasad	Prasad
78.	Varute Omkar Sambhaji	A	A	A	A	A
79.	Vathare Soundarya Sanjay	Vathare	Vathare	A	A	Vathare
80.	Vora Kritika Bharat	Vora	Vora	Vora	A	Vora


 Head,
 Department of Zoology
 Vivekanand College,
 Kolhapur (Autonomous)

Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College Kolhapur (Autonomous)
Department of Zoology
 Academic year- 2022-23
 Add on Course "Bee keeping and honey
 processing"

Student Attendance

Sr. No	Name of the Student	07/12/2022	08/12/2022	09/12/2022	10/12/2022	12/12/2022
1.	Alman Adesh Ajit	<u>AAH</u>	<u>AAH</u>	<u>AAH</u>	A	<u>AAH</u>
2.	Bardeskar Stuti Kaitan	<u>BSK</u>	<u>BSK</u>	A	<u>BSK</u>	<u>BSK</u>
3.	Bhurke Swara Sachin	<u>Shurke</u>	<u>Shurke</u>	<u>Shurke</u>	<u>Shurke</u>	<u>Shurke</u>
4.	Chapte Kaushal Balasaheb	A	A	A	A	A
5.	Chopadar Vedanshu Vinay	<u>Chopadar</u>	<u>Chopadar</u>	<u>Chopadar</u>	<u>Chopadar</u>	<u>Chopadar</u>
6.	Chougale Priyanka Sanjay	<u>Chougale</u>	<u>Chougale</u>	A	<u>Chougale</u>	<u>Chougale</u>
7.	Chougale Vaishnavi Sardar	<u>Chougale</u>	<u>Chougale</u>	<u>Chougale</u>	<u>Chougale</u>	<u>Chougale</u>
8.	Chougale Vaishnavi Shivaji	<u>Chougale</u>	A	<u>Chougale</u>	<u>Chougale</u>	<u>Chougale</u>
9.	Chougule Vinay Vijay	<u>Chougule</u>	<u>Chougule</u>	A	<u>Chougule</u>	<u>Chougule</u>
10.	Dabholkar Meghdut Vishnu	A	A	A	A	A
11.	Dadarne Aditya Ajit	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>
12.	Darekar Vishakha Vishwanath	<u>Vishakha</u>	A	A	<u>Vishakha</u>	<u>Vishakha</u>
13.	Darvan Madhuri Kumar	<u>Madhuri</u>	<u>Madhuri</u>	<u>Madhuri</u>	<u>Madhuri</u>	<u>Madhuri</u>
14.	Davare Sarita Balu	<u>Sarita</u>	<u>Sarita</u>	<u>Sarita</u>	<u>Sarita</u>	<u>Sarita</u>
15.	Gadkari Rifa Farukh	A	<u>Rifa</u>	<u>Rifa</u>	A	<u>Rifa</u>
16.	Garde Janhavi Alhad	<u>Janhavi</u>	<u>Janhavi</u>	<u>Janhavi</u>	<u>Janhavi</u>	<u>Janhavi</u>
17.	Ghatage Rutuja Avinash	<u>R.A. Ghatage</u>	<u>R.A. Ghatage</u>	<u>R.A. Ghatage</u>	<u>R.A. Ghatage</u>	<u>R.A. Ghatage</u>
18.	Gije Nandini Ravindra	<u>Nandini</u>	A	<u>Nandini</u>	<u>Nandini</u>	<u>Nandini</u>
19.	Jadhav Sangram Pandurang	<u>Sangram</u>	<u>Sangram</u>	A	<u>Sangram</u>	<u>Sangram</u>
20.	Jadhav Suyash Kubar	A	A	A	A	A

21.	Kamble Aarti Shivaji	<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>
22.	Kamble Pratham Shrirang	<u>Kamble</u>	A	<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>
23.	Kamble Rutuja Vishal	<u>Pramble</u>	<u>Pramble</u>	<u>Pramble</u>	<u>Pramble</u>	<u>Pramble</u>
24.	Kamble Sanjivani Nilkanth	<u>Pramble</u>	<u>Pramble</u>	<u>Pramble</u>	<u>Pramble</u>	<u>Pramble</u>
25.	Kamble Shrushti Prakash	<u>Kamble</u>	<u>Kamble</u>	A	<u>Kamble</u>	<u>Kamble</u>
26.	Kashid Shantanu Sunil	A	A	A	A	A
27.	Kharade Kedar Sanjay	A	A	A	A	<u>Kedar</u>
28.	Khot Ankita Ashok	A	A	A	A	<u>Sankar</u>
29.	Khot Darshankunmar Sarjerao	<u>Khot</u>	<u>Khot</u>	<u>Khot</u>	<u>Khot</u>	<u>Khot</u>
30.	Kolekar Prathamesh Dilip	A	A	A	A	<u>Plekar</u>
31.	Koli Rohit Sanjay	<u>KR</u>	<u>KR</u>	<u>KR</u>	A	<u>KR</u>
32.	Korane Harshad Mahesh	<u>KR</u>	<u>KR</u>	<u>KR</u>	<u>KR</u>	<u>KR</u>
33.	Kothavale Alisha Tanaji	<u>Kothavale</u>	<u>Kothavale</u>	<u>Kothavale</u>	<u>Kothavale</u>	<u>Kothavale</u>
34.	Kumbhar Shruti Ramchandra	<u>Kumbhar</u>	A	<u>Kumbhar</u>	<u>Kumbhar</u>	<u>Kumbhar</u>
35.	Ligade Smeet Sunil	<u>Ligade</u>	<u>Ligade</u>	<u>Ligade</u>	<u>Ligade</u>	<u>Ligade</u>
36.	Mane Payal Ashok	<u>PMane</u>	<u>PMane</u>	A	<u>PMane</u>	<u>PMane</u>
37.	Mangave Apurva Balaso	A	<u>Amangave</u>	<u>Amangave</u>	<u>Amangave</u>	<u>Amangave</u>
38.	Metkar Aniket Ananda	<u>Metkar</u>	<u>Metkar</u>	<u>Metkar</u>	<u>Metkar</u>	<u>Metkar</u>
39.	More Supriya Sanjay	<u>More</u>	<u>More</u>	A	<u>More</u>	<u>More</u>
40.	Mulik Amruta Ajay	<u>Amulik</u>	<u>Amulik</u>	<u>Amulik</u>	<u>Amulik</u>	<u>Amulik</u>
41.	Mulik Mohini Shivaji	<u>Mulik</u>	<u>Mulik</u>	<u>Mulik</u>	<u>Mulik</u>	<u>Mulik</u>
42.	Mulla Tahesin Altaf	<u>Mulla</u>	<u>Mulla</u>	<u>Mulla</u>	<u>Mulla</u>	<u>Mulla</u>
43.	Nadaf Saniya Yunus	<u>Sadaf</u>	<u>Sadaf</u>	A	<u>Sadaf</u>	<u>Sadaf</u>
44.	Nalwade Sakshi Sunil	<u>Sadaf</u>	A	<u>Sadaf</u>	<u>Sadaf</u>	<u>Sadaf</u>
45.	Nayakwadi Ashiya Riyaj	A	<u>Amayakwadi</u>	<u>Amayakwadi</u>	<u>Amayakwadi</u>	<u>Amayakwadi</u>
46.	Patil Janhavi Jagdish	<u>Patil</u>	<u>Patil</u>	A	<u>Patil</u>	<u>Patil</u>

47.	Patil Mrunali Alas Mayuri Vitthal	<u>Mrunali</u>	<u>Mrunali</u>	<u>Mrunali</u>	<u>Mrunali</u>	<u>Mrunali</u>
48.	Patil Neeraj Deepak	Neeraj	Neeraj	Neeraj	Neeraj	A
49.	Patil Om Chandrakant	A	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>
50.	Patil Omkar Vijay	<u>Omkar</u>	<u>Omkar</u>	<u>Omkar</u>	<u>Omkar</u>	<u>Omkar</u>
51.	Patil Pragati Tanaji	<u>Pragati</u>	<u>Pragati</u>	<u>Pragati</u>	<u>Pragati</u>	A
52.	Patil Priya Prakash	A	A	A	A	A
53.	Patil Rutuja Chandrakant	<u>Rutuja</u>	<u>Rutuja</u>	<u>Rutuja</u>	<u>Rutuja</u>	<u>Rutuja</u>
54.	Patil Sanika Suryakant	<u>Sanika</u>	<u>Sanika</u>	<u>Sanika</u>	<u>Sanika</u>	<u>Sanika</u>
55.	Patil Shubhada Ganesh	<u>Shubhada</u>	<u>Shubhada</u>	A	<u>Shubhada</u>	<u>Shubhada</u>
56.	Patkare Asmita Ananda	<u>Asmita</u>	<u>Asmita</u>	<u>Asmita</u>	<u>Asmita</u>	A
57.	Potdar Shefali Satish	A	Potdar	Potdar	Potdar	Potdar
58.	Pujari Supriya Rama	A	A	A	A	A
59.	Sankpal Sourabh Rajaram	Sankpal	Sankpal	A	Sankpal	Sankpal
60.	Sarpe Supriy Milind	<u>Supriy</u>	<u>Supriy</u>	<u>Supriy</u>	<u>Supriy</u>	<u>Supriy</u>
61.	Savairan Arpita Sanjay	<u>Arpita</u>	<u>Arpita</u>	<u>Arpita</u>	A	<u>Arpita</u>
62.	Sawant Siddhi Amar	A	<u>Sawant</u>	<u>Sawant</u>	<u>Sawant</u>	<u>Sawant</u>
63.	Shaikh Rizwan Firoz	<u>Rizwan</u>	<u>Rizwan</u>	<u>Rizwan</u>	<u>Rizwan</u>	<u>Rizwan</u>
64.	Shewale Prithviraj Subhash	A	A	A	A	A
65.	Shinde Abhay Tatoba	A	A	A	A	A
66.	Shinde Adityaraj Sachin	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	A
67.	Shinde Pragati Sakharam	A	A	A	A	A
68.	Shinde Shruti Ravindra	<u>Shruti</u>	<u>Shruti</u>	<u>Shruti</u>	<u>Shruti</u>	<u>Shruti</u>
69.	Shingare Madhavi Dhondiram	A	A	A	A	A
70.	Singh Shweta Raviranjn	<u>Shweta</u>	<u>Shweta</u>	A	<u>Shweta</u>	<u>Shweta</u>
71.	Surgali Shreeshail Mallappa	<u>Shreeshail</u>	<u>Shreeshail</u>	<u>Shreeshail</u>	<u>Shreeshail</u>	<u>Shreeshail</u>
72.	Sutar Vaishnavi Rajendra	A	A	A	A	A

73.	Tadavalekar Tejasvinee Ananda	A	A	A	A	A
74.	Tadwale Aarohi Anil	Tadwale	Aadwale	Aadwale	Aadwale	Aadwale
75.	Tamaichikar Nilam Narendra	Nilam	Nilam	A	Nilam	Nilam
76.	Tope Priti Pravin	A	Pope	Pope	Pope	Pope
77.	Vadgaonkar Prasad Subhash	Prasad	Prasad	Prasad	A	Prasad
78.	Varute Omkar Sambhaji	A	A	A	A	A
79.	Vathare Soundarya Sanjay	Vathare	Vathare	Vathare	Vathare	A
80.	Vora Kritika Bharat	Vora	Vora	Vora	Vora	Vora


 Head,
 Department of Zoology
 Vivekanand College,
 Kolhapur (Autonomous)

Date: 12/12/2022

To,
The Principal,
Vivekanand College, Kolhapur (Autonomous)

Subject: To get permission for organizing Study tour

Respected Sir,

Department of Zoology wish to organize two days study tour for students of **B. Sc. III** and **Add-on Course -Bee Keeping and Honey Processing** to Wai - Mahabaleshwar (Apiculture and Sericulture unit) on 14th and 15th December, 2022 as a part curriculum Vivekanand College, Kolhapur (Autonomous).

Therefore, kindly request you to grant the permission for the same.

Thanking you.

Enclosure:

1. List of students and Faculty

Yours faithfully,

G. K. Sontakke

Dr. G. K. Sontakke
Head,
Department of Zoology
Vivekanand College,
Kolhapur (Autonomous)

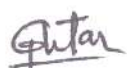
pdh
12/12/2022
Allowed
R
12/12/2022

Shri. Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur (Autonomous)
Department of Zoology
Academic year 2022 – 2023

Date :- 12/12/2022

NOTICE

All students of of B.Sc. III and Add on course on "Beekeeping and honey processing" hereby informed that Department of Zoology is going to organize two day study tour to Wai-Mahableshwar (Apiculture and Sericulture unit) on 14th and 15th December, 2022 as a part of curriculum of B.Sc. III Zoology and "Add on course on Beekeeping and honey processing", Vivekanand College, Kolhapur (Autonomous). This study tour is compulsory to all students.


Dr. G. K. Sontakke
Head,
Department of Zoology
Vivekanand College,
Kolhapur (Autonomous)

Vivekanand College Kolhapur (Autonomous)

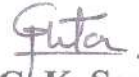
Department of Zoology
Academic Year-2022-2023

Study Tour – (Date: 14-15/12/2022)
(Kolhapur-Wai-Panchgani-Mahabaleshwar-Kolhapur)
B.Sc. III and Add on Course Beekeeping and Honey Processing

LIST OF STUDENTS AND TEACHERS

Sr.No	Name	Class
1.	Smeet Sunil Ligade	B.Sc. I
2.	Saniya Yunus Nadaf	B.Sc. II
3.	Pruthviraj Subhash Shevale	B.Sc. I
4.	Harshad Mahesh	B.Sc. I
5.	Rizwan Firoz Shaikh	B.Sc. I
6.	Apurva Balaso Mangave	B.Sc. I
7.	Rutuja Vishal Kamble	B.Sc. I
8.	Stuti Kaitan Bardeskar	B.Sc. III
9.	Mohini Shivaji Mulik	B.Sc. II
10.	Ashiya Riyaj Nayakwadi	B.Sc. I
11.	Rutuja Avinash Ghatage	B.Sc. I
12.	Sanjivini nilkanth Kamble	B.Sc. III
13.	Aarohi Anil tadwale	B.Sc. III
14.	Mrunali alias Mayuri vittal patil	B.Sc. III
15.	Kushal Balasaheb Chapte	B.Sc.I
16.	Om Chandrakant Patil	B.Sc.I
17.	Shruti Ravindra Shinde	B.Sc.II
18.	Swara Sachin Bhurke	B.Sc.II
19.	Shubhada Ganesh Patil	B.Sc.II
20.	Arpita Sanjay Savairam	B.Sc.II
21.	Janhavi Jagdish Patil	B.Sc.II
22.	Vaishnavi Sardar Chougale	B.Sc.I
23.	Priti Pravin Tope	B.Sc.I
24.	Vaishanavi Shivaji Chougale	B.Sc.I
25.	Kritika Bharat Vora	B.Sc.I
26.	Vendanshu Vinay Chopdar	B.Sc.II
27.	Supriy Millind Sarpe	B.Sc.II
28.	Prasad Subhash vadgonkar	B.Sc.II
29.	Darshankumar Sarjirav Khot	B.Sc.III

30.	Adesh Ajit Alman	B.Sc.III
31.	Sahil Firoj Chougule	B.Sc.III
32.	Rutuja Chandrakant Patil	B.Sc.III
33.	Pragati Tanaji Patil	B.Sc.III
34.	Arati Shivaji Kamble	B.Sc.III
35.	Sangram Pandurang Jadhav	B.Sc.III
36.	Vishakha Vishavnath Darekar	B.Sc.III
37.	Vaishanavi Rajendra Sutar	B.Sc.III
38.	Payal Ashok Mane	B.Sc.III
39.	Supriya Rama Pujari	B.Sc.III
40.	Sarita Balu Davare	B.Sc.III
41.	Dr. Gaupale T. C	Staff
42.	Dr. Sneha Desai	Staff
43.	Ms. Pujari Yogita	Staff


(Dr. G. K. Sontakke)
 Head,
 Department of Zoology
 Vivekanand College,
 Kolhapur (Autonomous)

Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur (Autonomous)
Department of Zoology
Study Tour

B. Sc. III (Zoology) & Add on course "Bee keeping and honey processing"
Academic year: 2022 – 2023

Report

Department of Zoology, Vivekanand College, Kolhapur (Autonomous) has organized a two days study tour of B. Sc. Part III and Add-on Course "Bee keeping and honey processing" students as per part of their curriculum to Wai – Mahabaleshwar on Wednesday, 14/12/2022 and Thursday, 15/12/2022. Total 40 students and 3 teachers have participated in the tour. The main objective of study tour was a visit of students to a place away from their normal place of study and to provide an experience outside the class rooms or labs. It also provides an opportunity non experimental and experimental research and helps bring all the students to a common platform and quite valuable and important aspect to provide practical knowledge to the students


All the students were directed to gather at college gate at 5:30 am. The tour was started at 6.00 am from Vivekanand College, Kolhapur (Autonomous) by State transport bus and reached at Wai at 11.00 am. The first place to visit was MahaGanpati temple, situated on the banks of the Krishna River at Wai. Temple is a must visit for the spiritually inclined students. Next spot visited during this study tour was **Government Fish Seed Production Center, Dhom**. Center is governed by Assistant Commissioner of Fisheries, Satara facilitated with Chinese Circular Hatcheries. Student observed overhead water storage tank, spawning pond, incubation pond, hatchling receiving pond and also studied about Chinese spawning and hatching systems based on continuous flow of water by gravity to breed carps and hatch the eggs. Lying on the route towards Mahabaleshwar, Panchgani, incredibly beautiful **Parsi Point** a very well-known viewpoint enjoyed by students. This picturesque viewpoint offered students a truly breathtaking panoramic view of the clear waters of Dhom Dam and the charm of Krishna Valley. This place refreshes the tired students and rejuvenates them from within by bursting all the stress and anxiety of everyday life. **Government Sericulture Unit, Wai** was next spot for the students to acquire knowledge about rearing silk moth and caterpillar for the production of silk. This unit is also owned by government of India. Storage of cocoons, drying, mixing and cooking were observed and good information was provided by their staff. Students come to know that with the new style of Tuti plantation and silkworm cultivation, this business can be done with very fewer efforts and on a large scale.

Afterword student visited to **Mapro Garden** which was full of Mahabaleshwar Products, a franchise selling fruit-based products in and around Mahabaleshwar. Student

enjoyed test of fresh fruit product along with their nutritional importance also taken an opportunity to buy various products from Mapro. Here students had their lunch and ready for the next journey. Government owned **Bee Keeping Centre (Apiculture unit)** was another popular spot and next attraction in Mahabaleshwar for the students in this tour. A tour to the bee-keeping Centre provided a fascinating insight to the honeybee rearing and honey collection process. Bee Keeping Centre staff demonstrated the working of the Centre and provides brief overview of honey production process to the students. The Centre has around 600 wooden hives. Total number of Bees was around 25000 to 30000. Honey bees roam around 5 square km area and bring honey to the hive. Students handled honey bee hives and bees which was absolutely harmless and very exciting experience for them. By visiting all the points decided for this day now that was time to enjoy the marketing for the students in Mahabaleshwar. **The market** is a quaint little city Centre, situated in the heart of city. Students enjoyed marketing and finally stayed at the living space lodge near the market.

With a very fresh mood on the next day (15/12/2022) students were ready with very happy faces for the next day filled with joy and knowledge. After completing their breakfast tour moved towards the **Pratapgad Fort**. It is a mountain fort built by Chhatrapati Shivaji Maharaj. The fort holds a sturdy view of coastal Konkan. The Bhavani Temple and Afzal Khan's tomb are other places of interest for students. The height of this fort is 3543 feet above sea level. Students have vast look out of Hundreds of kilometer area right from Konkan. Once again tour headed to visit **Bee Keeping Centre (Apiculture unit)** at 10.00 am for acquire information about types of honey get collected and how it is processed in unit. Students were much enthusiastic and happy after experiencing all these processes which were they only heard in theory lectures. Next on the way to old Mahabaleshwar one more beautiful point visited was **Elephant's Head Point**, which is also one of the most picturesque viewpoints in Mahabaleshwar, famous for the stunning view of the Sahyadri ranges. In old Mahabaleshwar, **Mahabaleshwar temple** was visited first. It is an ancient shrine and popularly known as the Mahabali. Another temple visited was **Krishnabai Temple**, supposed to be source of the Krishna River. The temple also offered enchanting views of the Krishna valley and surrounding countryside. Students were filled with spirituality. Return journey were started to Kolhapur at 6.00. During returned journey students enjoyed their dinner and returned at 10.00 pm in-front of the college gate.

Dr. T. C. Gaupale (Tour incharge), Dr. S. S. Desai and Ms. Y. S. Pujari guided the students in study tour. Student returned with acquaint of the knowledge and beauty of hill station to home with happy faces and with acquired knowledge in tour.


Dr. G. K. Sontakke
 Head,
 Department of Zoology
 ... College.

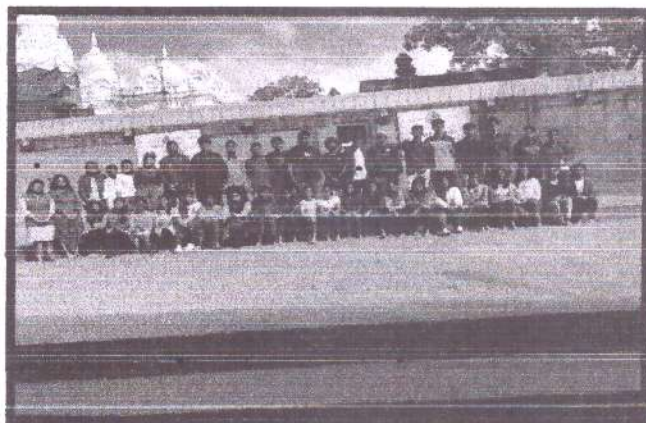


Photo 1: Mahaganapati temple, Wai



Photo 2: Govt. Fish seed Production Centre, Dhoom



Photo 3& 4: Bee keeping Centre, Mahabaleshwar



Photo 5: Apiculture Unit, Mahabaleshwar



Photo 6: Mahabaleshwar temple, Mahabaleshwar

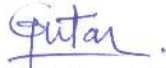
	Wai-Mahabaleshwar Study tour 2022-2023	
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Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur (Autonomous)
Department of Zoology
Academic year-2022-2023

Add on Course "Beekeeping and honey processing"

Result

Sr. No.	No. of Student Appeared	Distinction	I Class	II Class	Pass	Fail	Result
1	80	16	27	18	19	00	100%


Dr. G. K. Sontakke
HEAD
DEPARTMENT OF ZOOLOGY
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)



" Education for Knowledge, Science & Culture"
-Shikshanmaharshi Dr. Bapuji Salunkhe



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

Affiliated to Shivaji University, Kolhapur

DEPARTMENT OF ZOOLOGY

CERTIFICATE

This is to certify that Mr./Ms. Ligade Smeet Sunilof
B.Sc. I / ~~II~~ / ~~III~~ / has successfully completed the Add on Course " **Beekeeping and Honey Processing** "
carried out by Department of Zoology, Vivekanand College, Kolhapur (Autonomous) during
academic year 2022-2023. This certificate is awarded to him / her after passing theory and
practical examination.

G. K. Sontakke
Dr. G. K. Sontakke
Co-ordinator

R. R. Kumbhar
Dr. R. R. Kumbhar
Principal