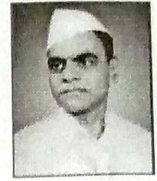




Janata Shikshan Sanstha's
KISAN VEER MAHAVIDYALAYA, WAI



Department of Zoology
"Certificate Course in Apiculture"

Academic Year: 2024-25

INDEX

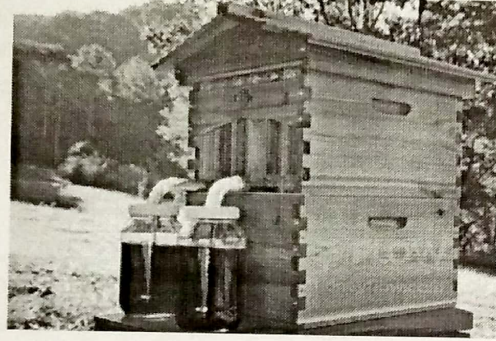
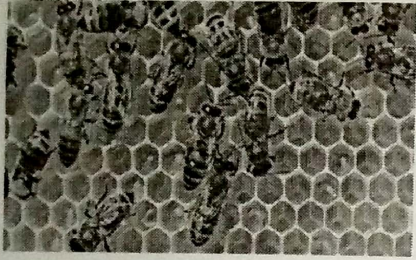
Sr. No.	Content
1.	Notice
2.	Objectives and learning outcomes
3.	Syllabus
4.	Workload distribution
5.	Time – Table
6.	List of Participants
7.	Attendance
8.	Report
9.	Certificate

KISAN VEER MAHAVIDYALAYA, WAI

DEPARTMENT OF ZOOLOGY

CERTIFICATE COURSE IN APICULTURE TECHNOLOGY

2024-25



Papers: I & II (100 Marks)
Practicals: I & II (100 Marks)
On site Visit Apiculture Centre ,
Mahableshwar

Eligibility : B.sc. I/ II/ III Appeare
Intake capacity : 20 + 20 = 40
Duration - 90 hr.
Fees : 500/- only

Objectives:

- Aware about economic importance of honey bees.
- Identify role of honey bees in nature and in agricultural productivity.
- Use Apiculture for employment, self employment and conservation of nature.
- Apply knowledge and skill to establish its own apiary or provides services to apiary.
- Understand the basics about beekeeping tools, equipment, and managing beehives.
- Manage beehives for honey production and pollination.
- Do marketing of various bee products.

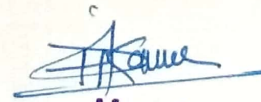
Advantages of Apiculture

- ❖ High employment potential for local people
- ❖ Provides Vibrancy to Rural Economy
- ❖ Readily available market
- Eco- Friendly Activity, Low Investment, High Returns
- They are non- hazardous to Environment

Contact

Dr. Hanamantrao D. Kanase Course Co-Ordinator
Head, Department of Zoology
Cell : 9922010210





Head

Department of Zoology
Kisan Veer Mahavidyalaya,
Wai 412803



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Wai, Dist. Satara



Kisan Veer Mahavidyalaya, Wai


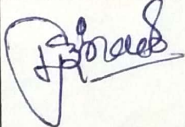
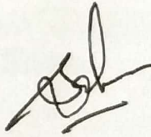
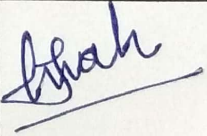

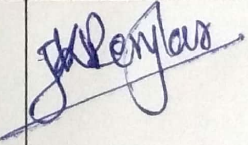
Department of Zoology

Year: 2024-25

CERTIFICATE COURSE IN APICULTURE

Notice

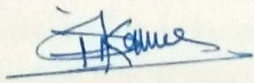
The meeting of the Board of Studies of Zoology will be held on Saturday 14 May 2024 at 11:00 am in the Department of Zoology. The meeting will be chaired by Dr. H.D. Kanase, Co-ordinator and Head, Department of Zoology, Kisan Veer Mahavidyalaya, Wai. All the members are advised to attend meeting.

Sr. No.	Name	Designation	Position	Signature
1	Dr. H.D. Kanase	Head Department of Zoology Kisan Veer Mahavidyalaya, Wai	Chairperson	
2	Dr. Mrs. Ingawle M.V.	Head Department of Botany Kisan Veer Mahavidyalaya, Wai	Member	
3	Mr. Tayade R. R.	Asst. Prof. Department of Zoology Kisan Veer Mahavidyalaya, Wai	Member	
4	Dr. Mrs. Shewale A. S.	Asst. Prof. Department of Zoology Kisan Veer Mahavidyalaya, Wai	Member	
5	Mr. Chavan S. S.	Asst. Prof. Department of Zoology Kisan Veer Mahavidyalaya, Wai	Member	
6	Miss. Renjar J.K.	Asst. Prof. Department of Zoology Kisan Veer Mahavidyalaya, Wai	Member	

Agenda:

1. To recommended to the college Development Committee through the Principal the introduction of new Certificate Course/s.
2. To recommended to the college Development Committee through the Principal the discontinuation of earlier Certificate Course.
3. To recommended to the Principal of course syllabi, course structure & evaluation scheme of new Certificate course.
4. To recommended the reference books and other study material to be used for the study of the Course/s.
5. Any other subject with the permission of the Chair.


Course Co-Ordinator


Head
Department of Zoology
Kisan Veer Mahavidyalaya,
Wai 412803


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Wai, Dist. Satara



Janata Shikshan Sanstha's
Kisan Veer Mahavidyalaya, Wai
Department of Zoology

Year: 2024-25

CERTIFICATE COURSE IN APICULTURE

Apiculture, also known as beekeeping, is the practise of producing and maintaining honeybee colonies. If apiculture is integrated with farming in the rural areas, it is economically sustainable. Beekeeping can be started as a company by farmers, and apiculture is quite simple to learn. One of the oldest sweeteners, honey is a natural, healthy food that is pure and unfiltered. It is a food free of cholesterol and fat with no additional ingredients.

Beekeeping is a business that produces wax and honey. In India, the mountainous regions are where honey bee farming is most common, but in recent years, locals have also started this activity in the plains to increase their income. India has a great deal of potential for the growth of beekeeping because of its diverse environment and endless floral resources found in both natural vegetation and cultivated crops. Recent data indicates that around 50 million hectares of land are being used to grow crops including oilseeds, pulses, orchards, and other plants that benefit from bee pollination. Moreover, there are around 60 million hectares of forests that have the capacity to support beekeeping. At least one crore bee colonies may readily survive in this large expanse of agricultural and woodland.

Appropriate management techniques, superior beekeeping skills, ideal climatic conditions, and acceptable locations for beekeeping have boosted the quality and quantity of apicultural output while reducing unwanted risk. Beekeeping is becoming a more popular, economically viable, and environmentally acceptable agricultural enterprise, yet it still predominates in rural or interior areas of our nation, requiring increased government knowledge and assistance.

Outcomes of this Course:

- Acquire knowledge about different species and casts of the honey bees.
- Aware about economic importance of honey bees.
- Identify role of honey bees in nature and in agricultural productivity.
- Use Apiculture for employment, self employment and conservation of nature.
- Apply knowledge and skill to establish its own apiary or provides services to apiary.
- Learn various products of honey bees and value addition in these products, create scope for entrepreneurship.
- Assess the pest, and enemies/ predator of honey bees.
- Understand the basics about beekeeping tools, equipment, and managing beehives.
- Manage beehives for honey production and pollination.
- Do marketing of various bee products.



The key features are:

- Short-term skill based training programmes
- Identification of "minimum skills set" sufficient to get employment
- Flexible training delivery mechanism
- Opportunity for lifelong learning

Statement of learning outcomes:

- Working Process: Person may establish a small scale industry or a domestic business/generate employment for others.
- Professional knowledge: Basic facts, process and principle applied
- Professional skill: Recall and demonstrate practical skill, routine and repetitive work in narrow range of application
- Core skill: Communication with oral and written modes with minimum required clarity

Employability Potential of the Programme

Choosing apiculture as a grade course gives a great deal of promise for entry into the unique profession of honey bee keeping. Development of knowledge and skills in handling bees and their colonies, identifying pests that they are affected by and taking preventative measures, need and supply of food, food sources, a suitable climate, basic requirements for beekeeping, and extraction of various products from bee colonies are all included in the certificate programme in apiculture.

As a Beekeeper, Bee Breeder, Bee Product Extractor, Bee Product Analyst, Bee Product Value Addition, Bee Trainer, Bee Entrepreneur-selling Bee Colonies, Establishment of Honey House-Extraction, Processing and Packaging of Honey, Honey Export, Bee Product Value Addition

Opportunities in Government organizations working in the field of beekeeping are-

- Khadi and Village Industries Commission (KVIC).
- Central Bee Research and Training Institute (CBRTI), Pune
- State Khadi and Village Industries Board (KVIB).
- Directorate of Honey Bee Keeping, Mahabaleshwar.

Private Sector, learner can provide services as –

- Beekeeper
- Honey Processer

- Bee Breeder
- Bee Product Extractor
- Bee Product Analysis and Quality Control.
- Value Addition in bee Product.

General Information and Course Structure:

Level: Certificate

Stream: Science or any stream

Subject: Bee Keeping Management / Honey Processing

Language: English/Marathi

Teaching mode: Offline, Online through Google meet, Video and PDF notes.

Intake: 20+20 seats

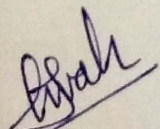
Attendance: 90%

Available infrastructure: Well equipped laboratory, small & large scale Apiculture units


Teaching Staff: Qualified, Experienced Guest Lecturers & eminent professors will be invited.

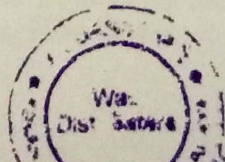
Duration of Course:

Sr.No.	Course	Duration	Eligibility
1)	Certificate Course in Apiculture	90 hr.	B.Sc.


Course Co-Ordinator


Head
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Janata Shikshan Sanstha's
KISAN VEER MAHAVIDYALAYA, WAI



Department of Zoology
"Certificate Course in Apiculture"
Academic Year: 2024-25

NOTICE

All the students (B.Sc. I, II and III) of Zoology Department are hereby informed that, the certificate course in Vermiculture will be conducted from **5th July 2024** to **25th October 2024**. All the students should remain present for the lectures in time.

Course Co-Ordinator

Head
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Kisan Veer Mahavidyalaya, Wai

Department Of Zoology

Certificate Course in Apiculture 2024-25

Syllabus

Theory: Paper I	
Unit-I: General Apiculture (Bee Keeping)	
1)	History of bee keeping
2)	Species diversity of honey bees
3)	Pollination support through beekeeping Role of honeybees in ecosystem Domestication of Indian bees and Italian bees
4)	Bee hives and peculiarities Capturing of bee colonies Bee keeping equipments
Unit-II: Biology and social life of honey bees	
1)	Morphology and identification of Queen, drones and worker bees, cast system in honey bees-family and cast, division of labor, bee dance and communication in bees.
2)	Honey Bee biology-emerging of queen, swarming, mating, egg laying, lifespan.
3)	Collection of pollen by bees, morphological modifications - modified legs, extraction of pollen.
4)	Royal jelly and hormonal influence
5)	Bee wax, wax glands
6)	Nesting pattern of bees
7)	Bee sting, bee venom, venom gland
8)	Architectural design of bee hives, types of cells

Unit III: Basic operational principles of bee colonies

1)	Selection of location
2)	Up keeping of bee colonies
3)	Off seasonal management of bee colonies
4)	Growth period management
5)	Honey flow-seasonal management
6)	Diseases and parasites of honey bees-control measures

Unit IV: Paper – II

A)	Honey and its ingredients: <ul style="list-style-type: none">• Composition of honey, conversion of nectar to honey.
B)	Economic importance of honey and other bee products: <ul style="list-style-type: none">• Medical value of honey, special properties and uses of honey, processing and value addition of honey• Bee wax and uses, extraction, purification, processing and value addition of bee wax• Bee pollen and bee venom - uses

Unit V:

1)	Marketing aspects of bee products
2)	Role of Govt and Non-Govt agencies in promoting apiculture in Maharashtra
3)	Present status and future scope of apiculture as a small scale industry in Maharashtra.
4)	Present scenario and Scope of apiculture in India

Practical: Practical - I

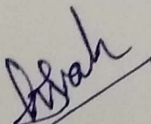
1)	Introduction of parts of Bee box - ISI 'A' type 'B' type & Tools used in Bee keeping
2)	Identification of different casts in honeybees-Queen, drones and workers & Brood
3)	Structure of honey comb-different types of cells for queen, drones and

	workers	
4)	Morphological peculiarities of worker bees-Honey and pollen storage structures	
5)	Methods of Multiplication of Bee Colonies Steps for strengthening of colonies- Requeening technique	
6)	Propagation of bee plants- Preparation of floral calendar	
Practical - II		
1)	Care- Transportation of bee colonies	
2)	Familiarize bee keeping instruments and bee hives	
3)	Extraction of Honey using Honey extractor, moisture reduction, packing and storing of Honey	
4)	Methods of Extraction of Bees wax, Royal Jelly and Bee venom	
5)	Fermentation and Granulation of Honey.	
7)	Visit to Apiculture Centre	

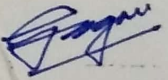
References:

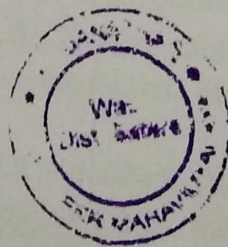
- 1) Apiculture of Honey bee R.E. Snodgrass.
- 2) Apiculture, 1987 (Translated from French in English by R.K.Kauls 1994), P.Jean-Prost, Oxford and IBH Publication, New Delhi.
- 3) Bee Biology of the Honey Bee, 87, M.Winston, Harvard University Press, Cambridge, England. 27. (The)
- 4) Bee Genetica and Breeding 1986, T.E.Reinderer, Academic Press Inc., London.
- 5) Beekeeping by E.F.Phillips. Agrobios (India) Publication.
- 6) Beekeeping in India, 1962,82, Sardar singh, ICAR, New Delhi.
- 7) Beekeeping in Integrated Mountain Development - Economics & Scientific perspective Publication.
- 8) Beekeeping- Teach yourself Books, By-Vernon F.(1984)
- 9) Bees and Bee keeping in India, D.P. Abrol, Kaluani Publications.
- 10) Bees and Bee Keeping Science, Prentice & World Resources, 1990 – Eva Crane, Heinemann Newnes, Oxford, UK.
- 11) Bees and Mankind 1982, J.B.Free, George Allen & Unwin (Pub.), Limited London, UK.
25. Biogeography and Taxonomy of Honeybees 1985, F.Ruttner, Springer-Verlag, Berlin, Germany.

- 12) Bees their vision, chemical senses & language-1950, Cornel University Press- By Fon firsh, & Karl.
- 13) Dance Language and Orientation of Bee 1967, K. Von Fristch, Harvard University Press, Cambridge,England.
- 14) Ecology and Neutral History of Tropical Bees 1989, D.W.Roubik, Cambridge University Press, Cambridge,England.
- 15) First Lesson in Beekeeping : Dadant C.D. Malilton, Illinois.
- 16) Handbook of Beekeeping by Dharamsingh, Devendra Pratap Singh, Agrobios.
- 17) Honey bee Biology 1982- By Free Johnson & Central Association of Bee Keepers England.
- 18) Honey Bee Ecology – A study of adaptation in social life 1985, T.D.Seeley, Princeton University Press, Princeton, NJOBS 40, USA.
- 19) List of Reference Books for the subject Apiculture :-
- 20) The hive & the Honey Bee- 1975, 4th edition Dadant Publication, America.
- 21) The Hive and the Honey Bee 1992 (Revised Edition), J.Graham, Dadint & Sons Inc., Hamilton, Illingis 62341, USA.
- 22) The Social Behaviour of the Bees, 1974 : By Missioner C.D.


Course Co-Ordinator


Head
Department of Zoology
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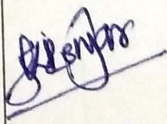


Janata Shikshan Sanstha's
Kisan Veer Mahavidyalaya, Wai
 Department of Zoology

Year: 2024-25

CERTIFICATE COURSE IN APICULTURE

Syllabus Workload distribution

Class	Unit	Teacher Name	Signature
Syllabus: - Theory			
B.SC. I, II and III	<p>Unit I</p> <p>History of bee keeping Species diversity of honey bees Pollination support through beekeeping Role of honeybees in ecosystem Domestication of Indian bees and Italian bees Bee hives and peculiarities Capturing of bee colonies Bee keeping equipments</p>	Miss. Renjar J.K	
	<p>Unit II Biology and social life of honey bees</p> <p>1. Morphology and identification of Queen, drones and worker bees, cast system in honey bees-family and cast, division of labor, bee dance and communication in bees.</p> <p>Honey Bee biology-emerging of queen, swarming, mating, egg laying, lifespan. Collection of pollen by bees, morphological modifications - modified legs, extraction of pollen. Royal jelly and hormonal influence Bee wax, wax glands Nesting pattern of bees</p>		

Bee sting, bee venom, venom gland
Architectural design of bee hives, types of cells

Unit III

Selection of location
Up keeping of bee colonies
Off seasonal management of bee colonies
Growth period management
Honey flow-seasonal management
Diseases and parasites of honey bees-control measures

Unit IV: Paper – II

- A)Honey and its ingredients:
- Composition of honey, conversion of nectar to honey,
- B)Economic importance of honey and other bee products:
- Medical value of honey, special properties and uses of honey, processing and value addition of honey
 - Bee wax and uses, extraction, purification, processing and value addition of bee wax
 - Bee pollen and bee venom - uses

Unit V:

- 1) Marketing aspects of bee products
- 2) Role of Govt and Non-Govt agencies in promoting apiculture in Maharashtra .
- 3) Present status and future scope of apiculture as a small scale industry in Maharashtra.
- 4) Present scenario and Scope of apiculture in India

Practical: Practical - I

- 1) Introduction of parts of Bee box - ISI 'A' type 'B' type & Tools used in Bee keeping
- 2) Identification of different casts in honeybees-

Dr.
Shewale
A. S.

Shah

Queen, drones and workers & Brood

3) Structure of honey comb-different types of cells for queen, drones and workers

4) Morphological peculiarities of worker bees- Honey and pollen storage structures

5) Methods of Multiplication of Bee Colonies

Steps for strengthening of colonies- Requeening technique

6) Propagation of bee plants- Preparation of floral calendar

Practical - II

1) Care- Transportation of bee colonies

2) Familiarize bee keeping instruments and bee hives

3) Extraction of Honey using Honey extractor, moisture reduction, packing and storing of Honey

4) Methods of Extraction of Bees wax, Royal Jelly and Bee venom

5) Fermentation and Granulation of Honey.

7) Visit to Apiculture Centre

Course Co-Ordinator

Head

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Department of Zoology

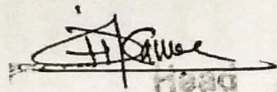
Semester - III, V

IV, VI

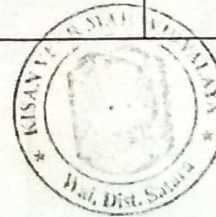
~~Time Table Year 2024-25~~

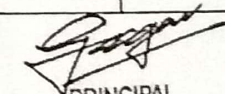
Class: B.Sc. II & III

Sr. No.	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	7.25 to 8.15						
2	8.15 to 9.05	B.Sc. III JKR	B.Sc. III RRT	B.Sc. II RRT B.Sc. III MHG	B.Sc. III JKR	B.Sc. II CSS B.Sc. III RRT	B.Sc. III CSS
3	9.05 to 9.55	B.Sc. II HDK B.Sc. III MHG	B.Sc. II ASS B.Sc. III HDK	B.Sc. III HDK	B.Sc. II MHG B.Sc. III CSS	B.Sc. III ASS	B.Sc. III HDK
4	9.55 to 10.45					Apiculture Theory JKR	B.Sc. II JKR Apiculture Theory MHG
10.45 to 11.00		R	E	C	E	S	S
5 to 8	11.00 to 2.20	B.Sc. II (B-II) CSS B.Sc. III RRT	B.Sc. II (B-II) RRT B.Sc. III JKR	B.Sc. II (B-I) HDK B.Sc. III ASS	B.Sc. II (B-I) RRT B.Sc. III HDK	O. E - MHG B.Sc. II (B-III) HDK Api. Pract. CSS	O.E - ASS B.Sc. II (B-II) MHG Api. Pract. JKR


H. K. Mee

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Janata Shikshan Sanstha's
Kisan Veer Mahavidyalaya, Wai
 Certificate Course in Apiculture (2024-25)
 Department of Zoology
Student List

Sr. No.	Roll No.	Class	Name
1	31	B.Sc. III	DANGE RAMAJAN RAFIQ
2	50	B.Sc. III	KOLI ANJALI VITTHAL
3	51	B.Sc. III	JADHAV APEKSHA MANOHAR
4	57	B.Sc. III	DIXIT AMISHA PARMESHWAR
5	61	B.Sc. III	JADHAV SANIKA RAJENDRA
6	68	B.Sc. III	DEVRE BHAVESH NAMDEV
7	75	B.Sc. III	KHARE SWAPNIL SANDIP
8	76	B.Sc. III	JADHAV SHUBHAM LAXMAN
9	89	B.Sc. III	PALANGE PRERANA DILIP
10	90	B.Sc. III	PACHANGE CHETAN DATTATRAY
11	93	B.Sc. III	KALE AJINKYA VIKRAM
12	22	B.Sc. II	DHEKANE DIYA JANARDAN
13	23	B.Sc. II	GADHAVE ADITYA SACHIN
14	24	B.Sc. II	YEWALE SHUBHAM ARJUN
15	25	B.Sc. II	ERANDE AKASH VALMIK
16	26	B.Sc. II	SHIRKE SAKSHI SUBHASH
17	27	B.Sc. II	BHISE DIPTI CHANDRAKANT
18	28	B.Sc. II	SHAHA SANA TAHIR
19	29	B.Sc. II	NAIKWADI AKSHADA VITTHAL
20	30	B.Sc. II	PHADTARE CHETANA DATTATRAY
21	31	B.Sc. II	DEKHANE SHREYA ANIL
22	32	B.Sc. II	KASURDE SAHIL ANANDA
23	33	B.Sc. II	MANDHRE AVINASH DIPAK
24	34	B.Sc. II	KAMANE SUSHANT PRASHANT
25	35	B.Sc. II	MALUSARE ROHAN DASHARATH
26	36	B.Sc. II	BANKAR SHRIJAY SURESH
27	37	B.Sc. II	BAGADE DHANARAJ RAVINDRA
28	38	B.Sc. II	ITHAPE MAKRAND SANJAY
29	39	B.Sc. II	SHINDE SHIVAM SUNIL
30	40	B.Sc. II	CHIKANE MANGESH MOHAN
31	41	B.Sc. II	PISAL OMKAR AJAY
32	90	B.Sc. I	PAWAR VAISHNAVI SUSHANT
33	91	B.Sc. I	ADSUL ANKITA SOMESHWAR
34	93	B.Sc. I	BELOSHE NAMRATA JAYWANT
35	94	B.Sc. I	PISAL SANGRAM CHARAN
36	96	B.Sc. I	BHILARE AKASH SANTOSH
37	97	B.Sc. I	BHOITE SHRAVANI MOHAN
38	98	B.Sc. I	DHEKANE SUJAL DIPAK
39	100	B.Sc. I	GONJARI SAMRUDDHI VIJAYKUMAR
40	101	B.Sc. I	DHOTE DAMINEE MANOHAR

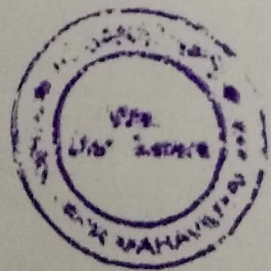
Sr. No.	Roll No.	Class	Name
41	104	B.Sc. I	SHAIKH AAYAN AZIM
42	106	B.Sc. I	MALUSARE SIDDHI SANJAY
43	107	B.Sc. I	RAJPURE ISHVARI VIJAY.
44	110	B.Sc. I	SABALE SIYA NAVANATH
45	111	B.Sc. I	JAIGUDE SAKSHI SANTOSH
46	112	B.Sc. I	SHIRKE SOHAM SANTOSH
47	114	B.Sc. I	SHELAR GANESH SUNIL
48	115	B.Sc. I	SHELAR ABHISHEK BHAGAVAN
49	117	B.Sc. I	SAKUNDE YASH HARISHCHNADRA
50	118	B.Sc. I	MUSALE VAIBHAV VISHWANATH
51	119	B.Sc. I	KALBURGI SANDHYA SHYAM
52	120	B.Sc. I	BHILARE SAKSHI SATISH
53	121	B.Sc. I	SURYAWANSHI LEENA SANJAY
54	123	B.Sc. I	MOMIN ALFIYA AMAR
55	124	B.Sc. I	DHOTRE TANVI SHASHIKANT
56	126	B.Sc. I	KUMBHAR PAYAL NITIN

[Signature]

Head
Department of Zoology
Kisan Veer Mahavidyalaya,
Wai 412803

[Signature]

PRINCIPAL
KISAN VEER MAHAVIDYALAYA
Wai, Dist. Satara



Department of Zoology, Wai

Department of Zoology
Certificate Course in Apiculture
2024-25

Student Attendance

31/07/24	01/08/24	02/08/24	03/08/24	04/08/24	05/08/24	06/08/24	07/08/24	08/08/24	09/08/24	10/08/24	11/08/24	12/08/24	13/08/24	14/08/24	15/08/24	16/08/24	17/08/24	18/08/24	19/08/24	20/08/24	21/08/24	22/08/24	23/08/24	24/08/24	25/08/24	26/08/24	27/08/24	28/08/24	29/08/24	30/08/24
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Kisan Veer Mahavidyalaya, Wai
Department of Zoology
Certificate Course in Apiculture
 2024-25

Student Attendance

Sr No	Roll No	Student Name	05/7/24		06/7/24		12/7/24		28/7/24		19/7/24		20/7/24		26/7/24		27/7/24		28/7/24		31/8/24	
			T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P
1	31	DANGE RAMAJAN RAFIQ	R.P.Dange	AB	R.P.Dange	R.P.Dange	R.P.Dange	R.P.Dange	R.P.Dange	R.P.Dange	R.P.Dange	R.P.Dange	R.P.Dange	R.P.Dange	R.P.Dange	R.P.Dange	R.P.Dange	R.P.Dange	R.P.Dange	R.P.Dange	R.P.Dange	R.P.Dange
2	50	KOLI ANJALI VITTHAL	AKali	AKali	AKali	AKali	AB	AKali	AKali	AKali	AKali	AKali	AKali	AKali	AKali	AKali	AKali	AKali	AKali	AKali	AKali	AKali
3	51	JADHAV APEKSHA MANOHAR	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav
4	57	DIXIT AMISHA PARMESHWAR	ADixit	ADixit	ADixit	ADixit	ADixit	ADixit	ADixit	ADixit	ADixit	ADixit	ADixit	ADixit	ADixit	ADixit	ADixit	ADixit	ADixit	ADixit	ADixit	ADixit
5	61	JADHAV SANIKA RAJENDRA	SR.Sadhav	SR.Sadhav	AB	SR.Sadhav	SR.Sadhav	SR.Sadhav	SR.Sadhav	SR.Sadhav	SR.Sadhav	SR.Sadhav	SR.Sadhav	SR.Sadhav	SR.Sadhav	SR.Sadhav	SR.Sadhav	SR.Sadhav	SR.Sadhav	SR.Sadhav	SR.Sadhav	SR.Sadhav
6	68	DEVRE BHAVESH NAMDEV	BDevre	BDevre	BDevre	BDevre	AB	BDevre	BDevre	BDevre	BDevre	BDevre	BDevre	BDevre	BDevre	BDevre	BDevre	BDevre	BDevre	BDevre	BDevre	BDevre
7	75	KHARE SWAPNIL SANDIP	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare
8	76	JADHAV SHUBHAM LAXMAN	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	AB	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav	ADyathav
9	89	PALANGE PRERANA DILIP	PDP	PDP	PDP	PDP	PDP	PDP	PDP	AB	PDP	PDP	PDP	PDP	PDP	PDP	PDP	PDP	PDP	PDP	PDP	PDP
10	90	PACHANGE CHETAN DATTATRAY	AB	C.D. Pach	C.D. Pach	C.D. Pach	C.D. Pach	C.D. Pach	C.D. Pach	C.D. Pach	C.D. Pach	C.D. Pach	C.D. Pach	C.D. Pach	C.D. Pach	C.D. Pach	C.D. Pach	C.D. Pach	C.D. Pach	C.D. Pach	C.D. Pach	C.D. Pach
11	93	KALE AJINKYA VIKRAM	AB	AKali	AKali	AKali	AKali	AKali	AKali	AKali	AKali	AKali	AKali	AKali	AKali	AB	AKali	AKali	AKali	AKali	AKali	AKali

Sr No	Roll No	Student Name	5/1/24		6/1/24		12/1/24		13/1/24		19/1/24		20/1/24		26/1/24		27/1/24		2/8/24		3/8/24		
			T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	
12	22	DHEKANE DIYA JANARDAN	Diya	AB	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya	
13	23	GADHAVE ADITYA SACHIN	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	AB	Gas	Gas	Gas	Gas	
14	24	YEWALE SHUBHAM ARJUN	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	
15	25	ERANDE AKASH VALMIK	Arund	Arund	Arund	Arund	Arund	Arund	Arund	Arund	Arund	Arund	Arund	Arund	Arund	Arund	Arund	Arund	Arund	Arund	Arund	AB	
16	26	SHIRKE SAKSHI SUBHASH	Shik	Shik	Shik	Shik	Shik	Shik	AB	Shik	Shik	Shik	Shik	Shik	Shik	Shik	Shik	Shik	Shik	Shik	Shik	Shik	
17	27	BHISE DIPTI CHANDRAKANT	Dip	Dip	Dip	Dip	Dip	Dip	Dip	Dip	Dip	Dip	Dip	Dip	Dip	Dip	Dip	Dip	Dip	Dip	Dip	Dip	
18	28	SHAHA SANA TAHIR	Saha	Saha	Saha	Saha	Saha	Saha	Saha	Saha	Saha	Saha	Saha	Saha	Saha	Saha	Saha	Saha	AB	Saha	Saha	Saha	Saha
19	29	NAIKWADI AKSHADA VITTHAL	A.V.N	A.V.N	A.V.N	A.V.N	A.V.N	A.V.N	A.V.N	A.V.N	A.V.N	A.V.N	A.V.N	A.V.N	A.V.N	A.V.N	A.V.N	A.V.N	A.V.N	A.V.N	A.V.N	A.V.N	
20	30	PHADTARE CHETANA DATTATRAY	Chet	Chet	Chet	Chet	Chet	Chet	Chet	Chet	Chet	Chet	Chet	Chet	Chet	Chet	Chet	Chet	Chet	Chet	Chet	Chet	
21	31	DEKHANE SHREYA ANIL	Shre	Shre	Shre	Shre	Shre	Shre	Shre	Shre	Shre	Shre	Shre	Shre	Shre	Shre	Shre	Shre	Shre	Shre	Shre	Shre	
22	32	KASURDE SAHIL ANANDA	Sa	Sa	Sa	Sa	Sa	AB	Sa	Sa	Sa	Sa	Sa	Sa	Sa	Sa	Sa	Sa	Sa	Sa	Sa	Sa	
23	33	MANDHRE AVINASH DIPAK	Av	Av	Av	Av	Av	Av	Av	Av	Av	Av	AB	Av	Av	Av	Av	Av	Av	Av	Av	Av	
24	34	KAMANE SUSHANT PRASHANT	Sush	Sush	Sush	Sush	Sush	Sush	Sush	Sush	Sush	Sush	Sush	Sush	Sush	Sush	Sush	Sush	Sush	Sush	Sush	Sush	
25	35	MALUSARE ROHAN DASHARATH	Roh	Roh	Roh	Roh	Roh	Roh	Roh	Roh	AB	Roh	Roh	Roh	Roh	Roh	Roh	Roh	Roh	Roh	Roh	Roh	

No	No	Student Name	19/1/24		20/1/24		26/1/24		27/1/24		2/8/24		3/8/24	
			T	P	T	P	T	P	T	P	T	P	T	P
27	37	BAGADE DHANARAJ RAVINDRA	DR	DR	DR	DR	DR	DR	DR	DR	DR	DR	DR	

Sr No	Roll No	Student Name	5/7/24		6/7/24		12/7/24		13/7/24		19/7/24		20/7/24		26/7/24		27/7/24		28/7/24		31/8/24	
			T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P
27	37	BAGADE DHANARAJ RAVINDRA	DRB	DRB	DRB	DRB	AB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB
28	38	ITHAPE MAKRAND SANJAY	M.ITHAPE	M.ITHAPE	M.ITHAPE	M.ITHAPE	M.ITHAPE	M.ITHAPE	M.ITHAPE	M.ITHAPE	M.ITHAPE	M.ITHAPE	M.ITHAPE	M.ITHAPE	M.ITHAPE	M.ITHAPE	M.ITHAPE	M.ITHAPE	M.ITHAPE	M.ITHAPE	M.ITHAPE	M.ITHAPE
29	39	SHINDE SHIVAM SUNIL	SHIVAM	SHIVAM	SHIVAM	SHIVAM	SHIVAM	SHIVAM	SHIVAM	SHIVAM	SHIVAM	SHIVAM	SHIVAM	SHIVAM	SHIVAM	SHIVAM	SHIVAM	SHIVAM	SHIVAM	SHIVAM	SHIVAM	SHIVAM
30	40	CHIKANE MANGESH MOHAN	MANGESH	MANGESH	MANGESH	MANGESH	MANGESH	MANGESH	MANGESH	MANGESH	MANGESH	MANGESH	MANGESH	MANGESH	MANGESH	MANGESH	MANGESH	MANGESH	MANGESH	MANGESH	MANGESH	MANGESH
31	41	PISAL OMKAR AJAY	O.A.P	O.A.P	O.A.P	O.A.P	AB	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P
32	90	PAWAR VAISHNAVI SUSHANT	AB	V.S.P	V.S.P	V.S.P	V.S.P	V.S.P	V.S.P	V.S.P	V.S.P	V.S.P	V.S.P	V.S.P	V.S.P	V.S.P	V.S.P	V.S.P	V.S.P	V.S.P	V.S.P	V.S.P
33	91	ADSUL ANKITA SOMESHWAR	ANKITA	ANKITA	ANKITA	ANKITA	ANKITA	ANKITA	ANKITA	AB	ANKITA	ANKITA	ANKITA	ANKITA	ANKITA	ANKITA	ANKITA	ANKITA	ANKITA	ANKITA	ANKITA	ANKITA
34	93	BELOSHE NAMRATA JAYWANT	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB
35	94	PISAL SANGRAM CHARAN	S.C.PISAL	S.C.PISAL	S.C.PISAL	S.C.PISAL	S.C.PISAL	S.C.PISAL	S.C.PISAL	S.C.PISAL	S.C.PISAL	S.C.PISAL	S.C.PISAL	S.C.PISAL	S.C.PISAL	S.C.PISAL	S.C.PISAL	S.C.PISAL	S.C.PISAL	S.C.PISAL	S.C.PISAL	S.C.PISAL
36	96	BHILARE AKASH SANTOSH	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	AB	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	AB	A.S.B
37	97	BHOITE SHRAVANI MOHAN	S.M.BHOITE	S.M.BHOITE	S.M.BHOITE	S.M.BHOITE	S.M.BHOITE	S.M.BHOITE	S.M.BHOITE	S.M.BHOITE	S.M.BHOITE	S.M.BHOITE	S.M.BHOITE	S.M.BHOITE	S.M.BHOITE	S.M.BHOITE	S.M.BHOITE	S.M.BHOITE	S.M.BHOITE	S.M.BHOITE	S.M.BHOITE	S.M.BHOITE
38	98	DHEKANE SUJAL DIPAK	SUJAL	SUJAL	SUJAL	SUJAL	SUJAL	SUJAL	SUJAL	SUJAL	SUJAL	SUJAL	SUJAL	SUJAL	SUJAL	SUJAL	SUJAL	SUJAL	SUJAL	SUJAL	SUJAL	SUJAL
39	100	GONJARI SAMRUDDHI VIJAYKUMAR	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG
40	101	DHOTE DAMINEE MANOHAR	DMP	DMP	DMP	AB	DMP	DMP	DMP	DMP	DMP	DMP	DMP	DMP	DMP	DMP	DMP	DMP	DMP	DMP	DMP	DMP
41	104	SHAIKH AAYAN AZIM	SHAIKH	SHAIKH	SHAIKH	SHAIKH	SHAIKH	SHAIKH	SHAIKH	SHAIKH	SHAIKH	SHAIKH	SHAIKH	SHAIKH	SHAIKH	SHAIKH	SHAIKH	SHAIKH	SHAIKH	SHAIKH	SHAIKH	AB

Sr No	Roll No	Student Name	5/7/24		6/7/24		12/7/24		13/7/24		19/7/24		20/7/24		26/7/24		27/7/24		2/8/24		3/8/24	
			T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P
42	106	MALUSARE SIDDHI SANJAY	AB	SSM	SSM	SSM	SSM	SSM	SSM	SSM	SSM	SSM	SSM	SSM	SSM	SSM	SSM	SSM	SSM	SSM	SSM	SSM
43	107	RAJPURE ISHVARI VIJAY.				AB									AB							
44	110	SABALE SIYA NAVANATH					AB										AB					
45	111	JAIGUDE SAKSHI SANTOSH				AB											AB					
46	112	SHIRKE SOHAM SANTOSH					AB											AB				
47	114	SHELAR GANESH SUNIL	GSH	GSH	GSH	AB	GSH	GSH	GSH	GSH	GSH	GSH	GSH	GSH	GSH	GSH	GSH	GSH	GSH	GSH	GSH	GSH
48	115	SHELAR ABHISHEK BHAGAVAN					AB										AB					
49	117	SAKUNDE YASH HARISHCHNADRA				AB																
50	118	MUSALE VAIBHAV VISHWANATH					AB										AB					
51	119	KALBURGI SANDHYA SHYAM		AB													AB					
52	120	BHILARE SAKSHI SATISH				AB											AB					
53	121	SURYAWANSHI LEENA SANJAY	AB														AB					
54	123	MOMIN ALFIYA AMAR	AB														AB					
55	124	DHOTRE TANVI SHASHIKANT								AB										AB		
56	126	KUMBHAR PAYAL NITIN															AB				AB	

Kisan Veer Mahavidyalaya, Wai
Department of Zoology
Certificate Course in Apiculture
 2024-25

Student Attendance

Sr No	Roll No	Student Name	9/8/24		10/8/24		16/8/24		17/8/24		23/8/24		24/8/24		30/8/24		31/8/24		6/9/24		7/9/24	
			T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P
1	31	DANGE RAMAJAN RAFIQ	AB	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang
2	50	KOLI ANJALI VITTHAL	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
3	51	JADHAV APEKSHA MANOHAR	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
4	57	DIXIT AMISHA PARMESHWAR	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
5	61	JADHAV SANIKA RAJENDRA	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
6	68	DEVRE BHAVESH NAMDEV	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
7	75	KHARE SWAPNIL SANDIP	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
8	76	JADHAV SHUBHAM LAXMAN	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
9	89	PALANGE PRERANA DILIP	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
10	90	PACHANGE CHETAN DATTATRAY	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
11	93	KALE AJINKYA VIKRAM	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB

Sr No	Roll No	Student Name	8/8/24		10/8/24		16/8/24		17/8/24		22/8/24		24/8/24		30/8/24		31/8/24		6/9/24		7/9/24	
			T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P
12	22	DHEKANE DIYA JANARDAN	AB	Dheka	Dheka	Dheka	Dheka	Dheka	Dheka	Dheka	Dheka	Dheka	Dheka	Dheka	Dheka	Dheka	Dheka	Dheka	Dheka	Dheka	Dheka	Dheka
13	23	GADHAVE ADITYA SACHIN	Gad	Gad	Gad	Gad	Gad	Gad	AB	Gad	Gad	Gad	Gad	Gad	Gad	Gad	Gad	Gad	Gad	Gad	Gad	Gad
14	24	YEWALE SHUBHAM ARJUN	Yewa	Yewa	Yewa	Yewa	Yewa	Yewa	Yewa	Yewa	Yewa	Yewa	Yewa	Yewa	Yewa	Yewa	Yewa	Yewa	Yewa	Yewa	Yewa	Yewa
15	25	ERANDE AKASH VALMIK	Eran	Eran	Eran	Eran	Eran	Eran	Eran	Eran	Eran	Eran	Eran	Eran	AB	Eran	Eran	Eran	Eran	Eran	Eran	Eran
16	26	SHIRKE SAKSHI SUBHASH	Shir	Shir	Shir	Shir	Shir	Shir	Shir	Shir	AB	Shir	Shir	Shir	Shir	Shir	Shir	Shir	Shir	Shir	Shir	Shir
17	27	BHISE DIPTI CHANDRAKANT	Bhise	Bhise	Bhise	Bhise	Bhise	Bhise	Bhise	Bhise	Bhise	Bhise	Bhise	Bhise	Bhise	Bhise	Bhise	Bhise	Bhise	Bhise	Bhise	Bhise
18	28	SHAHA SANA TAHIR	Shaha	Shaha	Shaha	Shaha	Shaha	Shaha	Shaha	Shaha	Shaha	Shaha	Shaha	Shaha	Shaha	Shaha	Shaha	Shaha	Shaha	Shaha	Shaha	Shaha
19	29	NAIKWADI AKSHADA VITTHAL	A.V.N.	A.V.N.	A.V.N.	A.V.N.	A.V.N.	A.V.N.	A.V.N.	A.V.N.	A.V.N.	A.V.N.	A.V.N.	A.V.N.	A.V.N.	A.V.N.	A.V.N.	A.V.N.	A.V.N.	A.V.N.	A.V.N.	A.V.N.
20	30	PHADTARE CHETANA DATTATRAY	Phadt	Phadt	Phadt	Phadt	Phadt	Phadt	Phadt	Phadt	Phadt	Phadt	AB	Phadt	Phadt	Phadt	Phadt	Phadt	Phadt	Phadt	Phadt	Phadt
21	31	DEKHANE SHREYA ANIL	S.A.Dek	S.A.Dek	S.A.Dek	S.A.Dek	S.A.Dek	S.A.Dek	S.A.Dek	S.A.Dek	S.A.Dek	S.A.Dek	S.A.Dek	S.A.Dek	S.A.Dek	S.A.Dek	S.A.Dek	S.A.Dek	S.A.Dek	S.A.Dek	S.A.Dek	S.A.Dek
22	32	KASURDE SAHIL ANANDA	Kasur	Kasur	Kasur	Kasur	Kasur	Kasur	Kasur	Kasur	Kasur	Kasur	Kasur	Kasur	Kasur	Kasur	Kasur	Kasur	Kasur	Kasur	Kasur	Kasur
23	33	MANDHRE AVINASH DIPAK	Mand	Mand	Mand	Mand	Mand	Mand	Mand	Mand	Mand	Mand	Mand	Mand	Mand	Mand	Mand	Mand	Mand	Mand	Mand	Mand
24	34	KAMANE SUSHANT PRASHANT	Kama	Kama	Kama	Kama	Kama	Kama	Kama	Kama	Kama	Kama	Kama	Kama	Kama	Kama	AB	Kama	Kama	Kama	Kama	Kama
25	35	MALUSARE ROHAN DASHARATH	Malus	Malus	Malus	Malus	Malus	Malus	Malus	Malus	Malus	Malus	Malus	Malus	Malus	Malus	Malus	Malus	Malus	Malus	Malus	Malus
26	36	BANKAR SHRIJAY SURESH	Bank	Bank	Bank	Bank	Bank	Bank	AB	Bank	Bank	Bank	Bank	Bank	Bank	Bank	Bank	Bank	Bank	Bank	Bank	Bank

Sr No	Roll No	Student Name	8/8/24		10/8/24		16/8/24		17/8/24		22/8/24		24/8/24		30/8/24		31/8/24		6/9/24		7/9/24	
			T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P

Sr No	Roll No	Student Name	81824		101824		161824		171824		221824		241824		251824		261824		271824	
			T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P
27	37	BAGADE DHANARAJ RAVINDRA	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB
28	38	ITHAPE MAKRAND SANJAY	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB
29	39	SHINDE SHIVAM SUNIL	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB
30	40	CHIKANE MANGESH MOHAN	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB
31	41	PISAL OMKAR AJAY	OAP	OAP	OAP	OAP	OAP	OAP	OAP	OAP	OAP	OAP	OAP	OAP	OAP	OAP	OAP	OAP	OAP	OAP
32	90	PAWAR VAISHNAVI SUSHANT	VS.P	VS.P	AB	VS.P	VS.P	VS.P	VS.P	VS.P	AB	VS.P	VS.P	VS.P	VS.P	VS.P	VS.P	VS.P	AB	VS.P
33	91	ADSUL ANKITA SOMESHWAR	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
34	93	BELOSHE NAMRATA JAYWANT	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
35	94	PISAL SANGRAM CHARAN	SC.P	AB	SC.P	AB	SC.P	AB	SC.P	AB	SC.P	AB	SC.P	AB	SC.P	AB	SC.P	AB	SC.P	AB
36	96	BHILARE AKASH SANTOSH	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	AB	A.S.B	A.S.B	A.S.B	AB	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B
37	97	BHOITE SHRAVANI MOHAN	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM
38	98	DHEKANE SUJAL DIPAK	SM	SM	SM	AB	SM	SM	SM	SM	SM	SM	SM	AB	SM	SM	SM	SM	SM	SM
39	100	GONJARI SAMRUDDHI VIJAYKUMAR	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG	SUG
40	101	DHOTE DAMINEE MANOHAR	D.M.P	D.M.P	D.M.P	D.M.P	D.M.P	AB	D.M.P	D.M.P	D.M.P	D.M.P	D.M.P	AB	D.M.P	D.M.P	D.M.P	D.M.P	D.M.P	D.M.P
41	104	SHAIKH AAYAN AZIM	SM	SM	SM	AB	SM	SM	SM	SM	SM	SM	SM	AB	SM	SM	SM	SM	SM	SM

Sr No	Roll No	Student Name	81824		14824		161824		11824		231824		241824		301824		311824		61824		71824		
			T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T
42	106	MALUSARE SIDDHI SANJAY						AB															
43	107	RAJPURE ISHVARI VIJAY.		AB																			
44	110	SABALE SIYA NAVANATH							AB														
45	111	JAIGUDE SAKSHI SANTOSH							AB														
46	112	SHIRKE SOHAM SANTOSH																					
47	114	SHELAR GANESH SUNIL		AB																			
48	115	SHELAR ABHISHEK BHAGAVAN						AB															
49	117	SAKUNDE YASH HARISHCHNADRA																					
50	118	MUSALE VAIBHAV VISHWANATH																					
51	119	KALBURGI SANDHYA SHYAM																					
52	120	BHILARE SAKSHI SATISH																					
53	121	SURYAWANSHI LEENA SANJAY																					
54	123	MOMIN ALFIYA AMAR																					
55	124	DHOTRE TANVI SHASHIKANT																					
56	126	KUMBHAR PAYAL NITIN																					

Janata Shikshan Sanstha's
Kisan Veer Mahavidyalaya, Wai
Department of Zoology
Certificate Course in Apiculture
 2024-25

Student Attendance

Sr No	Roll No	Student Name	13/9/24		14/9/24		20/9/24		21/9/24		27/9/24		28/9/24		4/10/24		11/10/24		18/10/24		25/10/24	
			T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P
1	31	DANGE RAMAJAN RAFIQ	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	AB	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang	P.P.Dang
2	50	KOLI ANJALI VITTHAL	AKol	AKol	AKol	AKol	AKol	AKol	AKol	AKol	AKol	AKol	AKol	AKol	AKol	AKol	AKol	AKol	AKol	AKol	AKol	AKol
3	51	JADHAV APEKSHA MANOHAR	BJadhav	BJadhav	BJadhav	BJadhav	BJadhav	BJadhav	BJadhav	BJadhav	BJadhav	BJadhav	BJadhav	BJadhav	BJadhav	BJadhav	BJadhav	BJadhav	BJadhav	BJadhav	BJadhav	BJadhav
4	57	DIXIT AMISHA PARMESHWAR	BDixit	BDixit	BDixit	BDixit	BDixit	BDixit	BDixit	BDixit	BDixit	BDixit	BDixit	BDixit	BDixit	BDixit	BDixit	BDixit	BDixit	BDixit	BDixit	BDixit
5	61	JADHAV SANIKA RAJENDRA	SPJadhav	SPJadhav	SPJadhav	SPJadhav	SPJadhav	SPJadhav	SPJadhav	SPJadhav	SPJadhav	SPJadhav	SPJadhav	SPJadhav	SPJadhav	SPJadhav	SPJadhav	SPJadhav	SPJadhav	SPJadhav	SPJadhav	SPJadhav
6	68	DEVRE BHAVESH NAMDEV	BDevr	AB	BDevr	BDevr	BDevr	BDevr	BDevr	BDevr	BDevr	BDevr	BDevr	BDevr	BDevr	BDevr	BDevr	AB	BDevr	BDevr	BDevr	BDevr
7	75	KHARE SWAPNIL SANDIP	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare	SKhare
8	76	JADHAV SHUBHAM LAXMAN	SLJadhav	SLJadhav	SLJadhav	SLJadhav	SLJadhav	SLJadhav	SLJadhav	SLJadhav	SLJadhav	SLJadhav	SLJadhav	SLJadhav	SLJadhav	SLJadhav	SLJadhav	SLJadhav	SLJadhav	SLJadhav	SLJadhav	SLJadhav
9	89	PALANGE PRERANA DILIP	PPalange	PPalange	PPalange	AB	PPalange	PPalange	PPalange	PPalange	PPalange	PPalange	PPalange	PPalange	PPalange	PPalange	PPalange	PPalange	PPalange	PPalange	PPalange	PPalange
10	90	PACHANGE CHETAN DATTATRAY	CDPach	CDPach	CDPach	CDPach	CDPach	CDPach	CDPach	AB	CDPach	CDPach	CDPach	CDPach	CDPach	CDPach	CDPach	CDPach	CDPach	CDPach	CDPach	CDPach
11	93	KALE AJINKYA VIKRAM	AKale	AKale	AKale	AKale	AKale	AKale	AKale	AKale	AKale	AKale	AKale	AKale	AKale	AKale	AKale	AB	AKale	AKale	AKale	AKale

Sr No	Roll No	Student Name	13/9/24		14/9/24		20/9/24		21/9/24		27/9/24		28/9/24		9/10/24		11/10/24		18/10/24		25/10/24	
			T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P
12	22	DHEKANE DIYA JANARDAN	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya
13	23	GADHAVE ADITYA SACHIN	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin
14	24	YEWALE SHUBHAM ARJUN	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun	Arjun
15	25	ERANDE AKASH VALMIK	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash
16	26	SHIRKE SAKSHI SUBHASH	Subhash	Subhash	Subhash	Subhash	Subhash	Subhash	Subhash	Subhash	Subhash	Subhash	Subhash	Subhash	Subhash	Subhash	Subhash	Subhash	Subhash	Subhash	Subhash	Subhash
17	27	BHISE DIPTI CHANDRAKANT	Dipti	Dipti	Dipti	Dipti	Dipti	Dipti	Dipti	Dipti	Dipti	Dipti	Dipti	Dipti	Dipti	Dipti	Dipti	Dipti	Dipti	Dipti	Dipti	Dipti
18	28	SHAHA SANA TAHIR	Tahir	Tahir	Tahir	Tahir	Tahir	Tahir	Tahir	Tahir	Tahir	Tahir	Tahir	Tahir	Tahir	Tahir	Tahir	Tahir	Tahir	Tahir	Tahir	Tahir
19	29	NAIKWADI AKSHADA VITTHAL	Vitthal	Vitthal	Vitthal	Vitthal	Vitthal	Vitthal	Vitthal	Vitthal	Vitthal	Vitthal	Vitthal	Vitthal	Vitthal	Vitthal	Vitthal	Vitthal	Vitthal	Vitthal	Vitthal	Vitthal
20	30	PHADTARE CHETANA DATTATRAY	Chetana	Chetana	Chetana	Chetana	Chetana	Chetana	Chetana	Chetana	Chetana	Chetana	Chetana	Chetana	Chetana	Chetana	Chetana	Chetana	Chetana	Chetana	Chetana	Chetana
21	31	DEKHANE SHREYA ANIL	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil
22	32	KASURDE SAHIL ANANDA	Ananda	Ananda	Ananda	Ananda	Ananda	Ananda	Ananda	Ananda	Ananda	Ananda	Ananda	Ananda	Ananda	Ananda	Ananda	Ananda	Ananda	Ananda	Ananda	Ananda
23	33	MANDHRE AVINASH DIPAK	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak
24	34	KAMANE SUSHANT PRASHANT	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant
25	35	MALUSARE ROHAN DASHARATH	Dasharath	Dasharath	Dasharath	Dasharath	Dasharath	Dasharath	Dasharath	Dasharath	Dasharath	Dasharath	Dasharath	Dasharath	Dasharath	Dasharath	Dasharath	Dasharath	Dasharath	Dasharath	Dasharath	Dasharath
26	36	BANKAR SHRIJAY SURESH	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh

Sr No	Roll No	Student Name	13/9/24		14/9/24		20/9/24		21/9/24		27/9/24		28/9/24		9/10/24		11/10/24		18/10/24		25/10/24	
			T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P
27	37	BAGADE DIWANA	Diwana	Diwana	Diwana	Diwana	Diwana	Diwana	Diwana	Diwana	Diwana	Diwana	Diwana	Diwana	Diwana	Diwana	Diwana	Diwana	Diwana	Diwana	Diwana	Diwana

Sr No	Roll No	Student Name	13/9/24		14/9/24		20/9/24		21/9/24		27/9/24		28/10/24		4/10/24		18/10/24		25/10/24		25/10/24		
			T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T
27	37	BAGADE DHANARAJ RAVINDRA	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB	DRB
28	38	ITHAPE MAKRAND SANJAY	M. Ithape	M. Ithape	M. Ithape	M. Ithape	M. Ithape	M. Ithape	M. Ithape	M. Ithape	M. Ithape	M. Ithape	M. Ithape	M. Ithape	M. Ithape	M. Ithape	M. Ithape	M. Ithape	M. Ithape	M. Ithape	M. Ithape	M. Ithape	M. Ithape
29	39	SHINDE SHIVAM SUNIL	Shivam	Shivam	Shivam	Shivam	Shivam	Shivam	Shivam	Shivam	Shivam	Shivam	Shivam	Shivam	Shivam	Shivam	Shivam	Shivam	Shivam	Shivam	Shivam	Shivam	Shivam
30	40	CHIKANE MANGESH MOHAN	M. Chikane	M. Chikane	M. Chikane	M. Chikane	M. Chikane	M. Chikane	M. Chikane	M. Chikane	M. Chikane	M. Chikane	M. Chikane	M. Chikane	M. Chikane	M. Chikane	M. Chikane	M. Chikane	M. Chikane	M. Chikane	M. Chikane	M. Chikane	M. Chikane
31	41	PISAL OMKAR AJAY	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P	O.A.P
32	90	PAWAR VAISHNAVI SUSHANT	V.S.Pawar	V.S.Pawar	V.S.Pawar	V.S.Pawar	AB	V.S.Pawar	V.S.Pawar	V.S.Pawar	V.S.Pawar	V.S.Pawar	V.S.Pawar	V.S.Pawar	V.S.Pawar	V.S.Pawar	V.S.Pawar	V.S.Pawar	V.S.Pawar	V.S.Pawar	V.S.Pawar	V.S.Pawar	V.S.Pawar
33	91	ADSUL ANKITA SOMESHWAR	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita	AB	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita
34	93	BELOSHE NAMRATA JAYWANT	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
35	94	PISAL SANGRAM CHARAN	S.C.Pisal	S.C.Pisal	S.C.Pisal	S.C.Pisal	S.C.Pisal	S.C.Pisal	S.C.Pisal	S.C.Pisal	S.C.Pisal	S.C.Pisal	S.C.Pisal	S.C.Pisal	S.C.Pisal	S.C.Pisal	S.C.Pisal	S.C.Pisal	S.C.Pisal	S.C.Pisal	S.C.Pisal	S.C.Pisal	S.C.Pisal
36	96	BHILARE AKASH SANTOSH	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B	A.S.B
37	97	BHOITE SHRAVANI MOHAN	S.M.	S.M.	S.M.	S.M.	S.M.	S.M.	S.M.	S.M.	S.M.	S.M.	S.M.	S.M.	S.M.	S.M.	S.M.	S.M.	S.M.	S.M.	S.M.	S.M.	S.M.
38	98	DHEKANE SUJAL DIPAK	S.D.	S.D.	S.D.	S.D.	S.D.	S.D.	S.D.	S.D.	S.D.	S.D.	S.D.	S.D.	S.D.	S.D.	S.D.	S.D.	S.D.	S.D.	S.D.	S.D.	S.D.
39	100	GONJARI SAMRUDDHI VIJAYKUMAR	SUG	SUG	SUG	SUG	AB	SUG	SUG	SUG	SVG	SUG	SVG	SVG	SVG	SVG	SVG	SVG	SVG	SVG	SVG	SVG	SVG
40	101	DHOTE DAMINEE MANOHAR	D.M.P	D.M.P	AB	D.M.P	D.M.P	D.M.P	D.M.P	D.M.P	D.M.P	D.M.P	D.M.P	D.M.P	D.M.P	D.M.P	D.M.P	D.M.P	D.M.P	D.M.P	D.M.P	D.M.P	D.M.P
41	104	SHAIKH AAYAN AZIM	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.

Sr No	Roll No	Student Name	13/9/24		14/9/24		20/9/24		21/9/24		27/9/24		28/9/24		4/10/24		11/10/24		18/10/24		25/10/24	
			T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P
42	106	MALUSARE SIDDHI SANJAY	S-SM	AB	S-SM	S-SM	S-SM	S-SM	S-SM	S-SM	AB	S-SM	S-SM	S-SM	S-SM	S-SM	S-SM	S-SM	S-SM	S-SM	S-SM	S-SM
43	107	RAJPURE ISHVARI VIJAY.	Rajpure	Rajpure	Rajpure	Rajpure	AB	Rajpure	Rajpure	Rajpure	Rajpure	Rajpure	Rajpure	Rajpure	Rajpure	Rajpure	Rajpure	Rajpure	Rajpure	Rajpure	Rajpure	Rajpure
44	110	SABALE SIYA NAVANATH	Sabale	Sabale	Sabale	Sabale	Sabale	Sabale	Sabale	Sabale	Sabale	Sabale	Sabale	Sabale	Sabale	Sabale	Sabale	Sabale	Sabale	Sabale	Sabale	Sabale
45	111	JAIGUDE SAKSHI SANTOSH	Jaigude	Jaigude	Jaigude	Jaigude	Jaigude	AB	Jaigude	Jaigude	Jaigude	Jaigude	Jaigude	Jaigude	Jaigude	Jaigude	Jaigude	Jaigude	Jaigude	Jaigude	Jaigude	Jaigude
46	112	SHIRKE SOHAM SANTOSH	Soham	Soham	Soham	Soham	Soham	Soham	Soham	Soham	Soham	Soham	Soham	Soham	Soham	Soham	Soham	Soham	Soham	Soham	Soham	Soham
47	114	SHELAR GANESH SUNIL	GSH	GSH	GSH	GSH	GSH	GSH	GSH	GSH	AB	GSH	GSH	GSH	GSH	GSH	GSH	GSH	GSH	GSH	GSH	GSH
48	115	SHELAR ABHISHEK BHAGAVAN	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
49	117	SAKUNDE YASH HARISHCHNADRA	₹	₹	₹	AB	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹
50	118	MUSALE VAIBHAV VISHWANATH	Musale	Musale	Musale	Musale	Musale	Musale	Musale	Musale	Musale	Musale	AB	Musale	Musale	Musale	Musale	Musale	Musale	Musale	Musale	Musale
51	119	KALBURGI SANDHYA SHYAM	Kalburgi	Kalburgi	Kalburgi	Kalburgi	Kalburgi	AB	Kalburgi	Kalburgi	Kalburgi	Kalburgi	Kalburgi	Kalburgi	Kalburgi	Kalburgi	Kalburgi	Kalburgi	Kalburgi	Kalburgi	Kalburgi	Kalburgi
52	120	BHILARE SAKSHI SATISH	Bhilare	Bhilare	Bhilare	Bhilare	Bhilare	Bhilare	Bhilare	Bhilare	Bhilare	Bhilare	Bhilare	Bhilare	Bhilare	Bhilare	Bhilare	Bhilare	Bhilare	Bhilare	Bhilare	Bhilare
53	121	SURYAWANSHI LEENA SANJAY	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	AB	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi	Suryawanshi
54	123	MOMIN ALFIYA AMAR	Momin	Momin	AB	Momin	Momin	Momin	Momin	Momin	Momin	Momin	Momin	AB	Momin	Momin	Momin	Momin	Momin	Momin	Momin	Momin
55	124	DHOTRE TANVI SHASHIKANT	Dhotre	Dhotre	Dhotre	Dhotre	Dhotre	Dhotre	Dhotre	Dhotre	Dhotre	Dhotre	Dhotre	AB	Dhotre	Dhotre	Dhotre	Dhotre	Dhotre	Dhotre	Dhotre	Dhotre
56	126	KUMBHAR PAYAL NITIN	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	AB	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar

Kisan Veer Mahavidyalaya, Wai

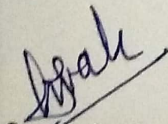
Department of Zoology

Date: 7/02/2024

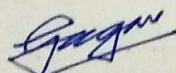
Notice

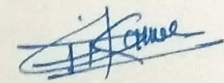
Students of the B.Sc. I, B.Sc. II and B.Sc. III Zoology are hereby informed that their theory and practical's examination of certificate course in Apiculture is arranged on 9/2/2024 and 10/ 2/2024 as per following schedule.

Date	Title	Time
9/02/2024	Certificate Course in Apiculture Paper I Paper II	9.30 am to 11.30 am 12.00 to 2.00 pm
10/2/2024	Practical Paper I Paper II	9.30 am to 11.30 am


Course Co-Ordinator




PRINCIPAL
KISAN VEER MAHAVIDYALAYA
Wai, Dist. Satara


Head
Department of Zoology
Kisan Veer Mahavidyalaya,
Wai 412803
Department of Zoology



Janata Shikshan Sanstha's
Kisan Veer Mahavidyalaya, Wai
Department of Zoology
Certificate Course in Apiculture (2024-25)
Paper II

Day & Date: 9/2/2024
Total Marks: 50

Time: 2 hr.

Q1. Select correct option and rewrite the sentence. 10

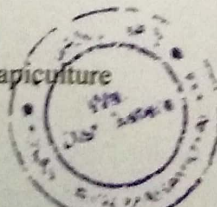
- 1) Rearing of honey bee is called as _____
a) sericulture b) lac Culture
c) vermiculture d) apiculture
- 2) _____ is commonly known as European bee.
a) *Apis mellifera* b) *Apis dorsata*
c) *Apis cerana indica* d) *Apis florea*
- 3) Mouth parts of worker bees are modified for _____
a) sucking & lapping b) biting and chewing
c) grasping d) biting
- 4) In workers egg laying apparatus modified into _____
a) Sting b) Ovipositor
c) Scent glands d) all of these
- 5) In Queen bee egg laying is called _____
a) scent glands b) ovipositor
c) sting d) all of these
- 6) Reproductive organs are fully developed in _____
a) queen b) drone
c) both in queen and drone d) Worker
- 7) The pollen basket is represent on _____ legs
a) Prothoracic b) Mesothoracic
c) Metathoracic d) All of these
- 8) The primary objective of bee keeping is to increase _____
a) Propagation b) Honey extraction
c) Crop Production d) Wax production
- 9) _____ is commanly known as little bee
a) *Apis mellifera* b) *Apis dorsata*
c) *Apis cerana indica* d) *Apis florea*
- 10) Abdomen of Honey bee bears _____
a) Sting b) Wax glands
c) Scent gland d) All of these

Q2. Answer the following questions 20

- 1) Describe economic importance of honey and add a short note on medicinal value of honey
- 2) Describe present scenario and scope of apiculture in India

Q3. Write short notes on 20

- 1) Composition of honey
- 2) Uses of Bee Wax
- 3) Role of Gov. and Non Gov. agencies In apiculture
- 4) Royal Jelly




Head
Department of Zoology
Kisan Veer Mahavidyalaya,
Wai 412803

Janata Shikshan Sanstha's
Kisan Veer Mahavidyalaya, Wai
Department of Zoology
Practical Examination 2024-2025
Short Term Course – APICULTURE (Paper – II)
Class – B.Sc. III

Day : Thursday

Date : 09/02/2024

Time: 1hr

Q1. Select correct option and rewrite the sentence.

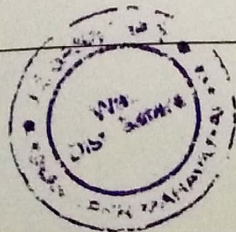
- 1) Rearing of Honey bee is called as _____
a) Sericulture b) Lac Culture c) Vermiculture d) Apiculture
- 2) _____ is commonly known as European bee.
a) *Apis mellifera* b) *Apis dorsata* c) *Apis cerana indica* d) *Apis florea*
- 3) Mouth parts of worker bees are modified for _____
a) Sucking & lapping b) Biting and chewing c) Grasping d) Biting
- 4) In workers egg laying apparatus modified into _____
a) Sting b) Ovipositor c) Scent glands d) all of these
- 5) In Queen bee egg laying is called _____
a) Scent glands b) Ovipositor c) Sting d) All of these
- 6) Reproductive organs are fully developed in _____
a) Queen b) Drone c) Both in Queen and Drone d) Worker
- 7) The pollen basket is present on _____ legs
a) Prothoracic b) Mesothoracic c) Metathoracic d) All of these
- 8) The primary objective of bee keeping is to increase _____
a) Propagation b) Honey extraction c) Crop Production d) Wax production
- 9) _____ is commonly known as little bee
a) *Apis mellifera* b) *Apis dorsata* c) *Apis cerana indica* d) *Apis florea*
- 10) Abdomen of Honey bee bears _____
a) Sting b) Wax glands c) Scent gland d) All of these

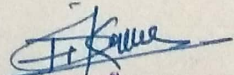
Q2. Answer the following questions

- 1) Describe economic importance of honey and add a short note on formation of honey
- 2) Describe present scenario and scope of apiculture in India

Q3. Write a short notes on

- 1) Types of honey. 3) Role of Govt and Non Gov agencies In apiculture 4) Uses of Bee wax
- 2) Royal jelly




Head
Department of Zoology
Kisan Veer Mahavidyalaya,
Wai 412803

Janata Shikshan Sanstha's
Kisan Veer Mahavidyalaya, Wai
Department of Zoology
Certificate Course in Apiculture (2023-2024)
Practical Exam Paper I

Day & Date:

Time: 2 Hrs

Total Marks: 50

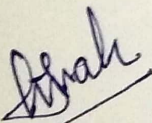
Instructions:

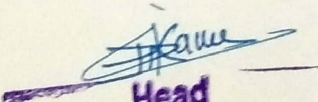
- 1) All Questions are Compulsory.
- 2) Draw diagram wherever necessary.
- 3) Figures to the right indicate full marks.

Q.1. Answer the following.

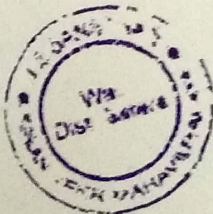
1. Identify, and mention the diagnostic features 04
2. Identify and describe 04
3. Identify & give function 04
4. Identify and describe 04
5. Identify, and give uses 04
6. Identify and state its morphological features 04
7. Identify, and state its functions 04
8. Identify and give its function 04
9. Identify, describe & sketch label 04
10. Describe disease 04

Q.2. Submission of a report on apiculture. 10


Teacher In-charge


Head
Department of Zoology
Kisan Veer Mahavidyalaya,
Wai 432003
Course Co-Ordinator
Head,
Department of Zoology

PRINCIPAL
Principal
KISAN VEER MAHAVIDYALAYA
Wai, Dist. Satara



Janata Shikshan Sanstha's
Kisan Veer Mahavidyalaya, Wai
Department of Zoology
Short Term Course
APICULTURE (2023-2024)
Practical Exam Paper I

Day & Date: Saturday 10/02/2024

Total Marks: 50

Time: 2 Hrs

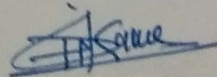
Instructions:

- 1) All Questions are Compulsory.
- 2) Draw diagram wherever necessary.
- 3) Figures to the right indicate full marks.

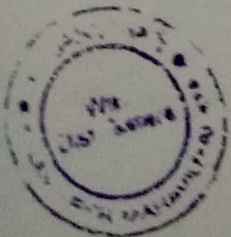
Q.1. Answer the following.

1. Identify, and mention the diagnostic features – **Queen** 04
2. Identify and describe. – **Newton Hive** 04
3. Identify & give functions . – **Smoker** 04
4. Identify and describe – **Bee Veil** 04
5. Identify, and give uses – **Bee wax** 04
6. Identify and state its morphological features - **Worker.** 04
7. Identify, and state its functions. – **Royal Jelly** 04
8. Identify and give its function. – **Honey** 04
9. Identify, describe & Sketch label . – **Uncapping knife** 04
- 10 Describe diseases of - **Honey bees** 04

Q.2. Submission of a report on sericulture. 10



Head
Department of Zoology
Kisan Veer Mahavidyalaya,
Wai 412803



Janata Shikshan Sanstha's
Kisan Veer Mahavidyalaya, Wai
Department of Zoology
Certificate Course in Apiculture (2023-2024)
Practical Exam Paper II

Day & Date:

Time: 2 Hrs

Total Marks: 50

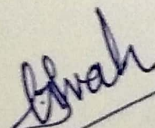
Instructions:

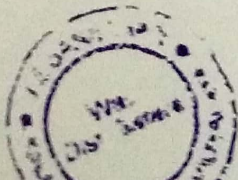
- 1) All Questions are Compulsory.
- 2) Draw diagram wherever necessary.
- 3) Figures to the right indicate full marks.

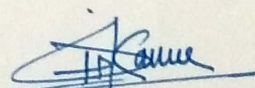
Q.1. Answer the following.

- | | |
|---|----|
| 1. Identify, and give uses | 04 |
| 2. Identify and describe | 04 |
| 3. Identify, describe and mention its peculiar features | 04 |
| 4. Identify and describe | 04 |
| 5. Identify, and give uses | 04 |
| 6. Identify and state its morphological features | 04 |
| 7. Identify, and describe given species | 04 |
| 8. Identify and give function | 04 |
| 9. Identify, sketch and label life cycle | 04 |
| 10. Identify & give function | 04 |

Q.2. Submission of a report on apiculture. 10


Teacher In-charge




Head
Department of Zoology
Kisan Veer Mahavidyalaya,
Wai, 412803
Department of Zoology

PRINCIPAL
Principal
KISAN VEER MAHAVIDYALAYA
Wai, Dist. Satara

Janata Shikshan Sanstha's
Kisan Veer Mahavidyalaya, Wai
Department of Zoology
Short Term Course
APICULTURE (2024-2025)
Practical Exam Paper II

Day & Date: Saturday 10/02/2024

Time: 2 Hrs

Total Marks: 50

Instructions:

- 1) All Questions are Compulsory.
- 2) Draw diagram wherever necessary.
- 3) Figures to the right indicate full marks.

Q.1. Answer the following.

1. Identify, and give uses – **Queen Excluder** 04
2. Identify and describe. - **Honey extractor** 04
3. Identify, describe and mention its peculiar features. – **Worker** 04
4. Identify and describe – **Natural Bee hive** 04
5. Identify, and give uses –**Honey** 04
6. Identify and state its morphological features - **Drone.** 04
7. Identify, and describe given species. – **Apis dorsata** 04
8. Identify and give function. – **Hand gloves** 04
9. Identify, sketch and label life cycle. – **Bee brush** 04
10. Identify & give function of - **Royal jelly** 04

Q.2. Submission of a report on sericulture. 10




Head
Department of Zoology
Kisan Veer Mahavidyalaya,
Wai 412803



Janata Shikshan Sanstha's
Kisan Veer Mahavidyalaya, Wai
Department of Zoology
Certificate Course in Apiculture
Marksheet (2024-25)

Sr. No.	Roll No	Class	Student Name	Marks				Total
				Theory Paper I	Theory Paper II	Practical I	Practical II	
1	31	B.Sc. III	DANGE RAMAJAN RAFIQ	39	37	40	42	158
2	50	B.Sc. III	KOLI ANJALI VITTHAL	42	44	42	40	168
3	51	B.Sc. III	JADHAV APEKSHA MANOHAR	44	40	43	43	170
4	57	B.Sc. III	DIXIT AMISHA PARMESHWAR	43	42	44	40	169
5	61	B.Sc. III	JADHAV SANIKA RAJENDRA	45	44	46	44	179
6	68	B.Sc. III	DEVRE BHAVESH NAMDEV	35	37	40	42	154
7	75	B.Sc. III	KHARE SWAPNIL SANDIP	39	35	44	40	158
8	76	B.Sc. III	JADHAV SHUBHAM LAXMAN	36	37	43	42	158
9	89	B.Sc. III	PALANGE PRERANA DILIP					
10	90	B.Sc. III	PACHANGE CHETAN DATTATRAY	36	32	40	38	146
11	93	B.Sc. III	KALE AJINKYA VIKRAM	34	39	42	40	155
12	22	B.Sc. II	DHEKANE DIYA JANARDAN	36	34	43	38	151
13	23	B.Sc. II	GADHAVE ADITYA SACHIN	39	37	42	40	158
14	24	B.Sc. II	YEWALE SHUBHAM ARJUN	40	42	42	44	168
15	25	B.Sc. II	ERANDE AKASH VALMIK	35	38	40	42	155
16	26	B.Sc. II	SHIRKE SAKSHI SUBHASH	36	34	40	38	148
17	27	B.Sc. II	BHISE DIPTI CHANDRAKANT	37	39	43	40	159
18	28	B.Sc. II	SHAHA SANA TAHIR	40	41	46	38	165
19	29	B.Sc. II	NAIKWADI AKSHADA VITTHAL	43	46	42	40	173
20	30	B.Sc. II	PHADTARE CHETANA DATTATRAY	42	40	40	40	166
21	31	B.Sc. II	DEKHANE SHREYA ANIL	43	45	42	42	172
22	32	B.Sc. II	KASURDE SAHIL ANANDA	39	37	43	38	157
23	33	B.Sc. II	MANDHRE AVINASH DIPAK	37	35	38	37	147
24	34	B.Sc. II	KAMANE SUSHANT PRASHANT	43	39	43	40	165
25	35	B.Sc. II	MALUSARE ROHAN DASHARATH	45	42	44	40	171
26	36	B.Sc. II	BANKAR SHRIJAY SURESH	36	37	40	38	151
27	37	B.Sc. II	BAGADE DHANARAJ RAVINDRA	35	32	38	36	141
28	38	B.Sc. II	ITHAPE MAKRAND SANJAY	32	38	36	38	144
29	39	B.Sc. II	SHINDE SHIVAM SUNIL	35	36	42	40	153
30	40	B.Sc. II	CHIKANE MANGESH MOHAN	36	38	39	38	151
31	41	B.Sc. II	PISAL OMKAR AJAY	32	36	42	40	150
32	90	B.Sc. I	PAWAR VAISHNAVI SUSHANT	37	40	40	38	155
33	91	B.Sc. I	ADSUL ANKITA SOMESHWAR	39	38	41	38	156
34	93	B.Sc. I	BELOSHE NAMRATA JAYWANT	40	36	42	40	158

35	94	B.Sc. I	PISAL SANGRAM CHARAN	36	34	38	40	148
36	96	B.Sc. I	BHILARE AKASH SANTOSH	38	36	37	38	149
37	97	B.Sc. I	BHOITE SHRAVANI MOHAN	42	40	43	42	167
38	98	B.Sc. I	DHEKANE SUJAL DIPAK	37	35	40	42	154
39	100	B.Sc. I	GONJARI SAMRUDDHI VIJAYKUMAR					
40	101	B.Sc. I	DHOTE DAMINEE MANOHAR					
41	104	B.Sc. I	SHAIKH AAYAN AZIM	36	35	38	40	149
42	106	B.Sc. I	MALUSARE SIDDHI SANJAY	40	36	44	38	158
43	107	B.Sc. I	RAJPURE ISHVARI VIJAY.	38	36	42	39	155
44	110	B.Sc. I	SABALE SIYA NAVANATH	39	35	40	38	152
45	111	B.Sc. I	JAIGUDE SAKSHI SANTOSH	40	42	44	40	166
46	112	B.Sc. I	SHIRKE SOHAM SANTOSH	36	37	39	38	150
47	114	B.Sc. I	SHELAR GANESH SUNIL	38	40	40	42	160
48	115	B.Sc. I	SHELAR ABHISHEK BHAGAVAN	42	37	42	38	159
49	117	B.Sc. I	SAKUNDE YASH HARISHCHNADRA	39	42	40	39	160
50	118	B.Sc. I	MUSALE VAIBHAV VISHWANATH					
51	119	B.Sc. I	KALBURGI SANDHYA SHYAM	36	38	42	40	156
52	120	B.Sc. I	BHILARE SAKSHI SATISH	37	39	40	38	154
53	121	B.Sc. I	SURYAWANSHI LEENA SANJAY	40	43	44	42	169
54	123	B.Sc. I	MOMIN ALFIYA AMAR	38	35	39	40	152
55	124	B.Sc. I	DHOTRE TANVI SHASHIKANT	42	34	38	40	154
56	126	B.Sc. I	KUMBHAR PAYAL NITIN	40	38	40	42	160

[Signature]

Co-ordinator and Head,

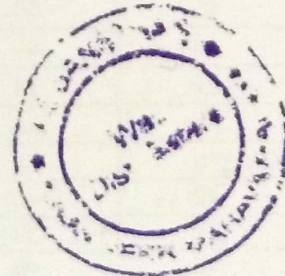
Department of Zoology

Kisan Veer Mahavidyalaya,
Wai 412803

[Signature]

Principal

PRINCIPAL
KISAN VEER MAHAVIDYALAYA
Wai, Dist. Satara





Janata Shikshan Sanstha's
KISAN VEER MAHAVIDYALAYA, WAI
Department of Zoology



"Certificate Course in Apiculture"

Course Report

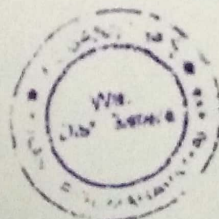
Academic Year: 2024-25

The department of Zoology conducted a certificate course entitled "Certificate Course in Apiculture". The notification and advertisement was made through our college website. The brochure of the course was uploaded on the college website. The course was started on 05 July 2024 to 25 October 2024. The time - table was displayed on the department's notice board. In all 56 students were admitted for the course. Regular lectures and practical were conducted as per the time-table. Examination of the said course was conducted and certificates were issued to the students who have completed the course successfully. Students were guided with the knowledge about apiculture and economic importance of honey. The supportive departmental staff and the administration of the college and specially Hon. Principal supported a lot.

The record of the course has maintained in the department.

Head
Department of Zoology
Course Co-Ordinator
Kisan Veer Mahavidyalaya,
Wai-422003
Department Of Zoology

PRINCIPAL
KISAN VEER MAHAVIDYALAYA
Wai, Dist. Satara





GPS Map Camera

Manghar, Maharashtra, India
Mahabaleshwar - Tapola Road, Wia Parut,
Manghar, Maharashtra 412806, India
Lat 17.884895° Long 73.647685°
24/12/24 11:27 AM

☀️ 24.07° C

🌬️ 4.03 🌧️ 45% 🏔️ 1146 m

Google



GPS Map Camera

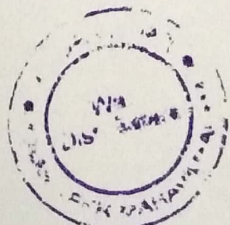
Manghar, Maharashtra, India
Vjpw+hxm, Manghar, Maharashtra 412806, India
Lat 17.886485° Long 73.647619°
24/12/24 11:39 AM

☀️ 23.52° C

🌬️ 4.61 🌧️ 45% 🏔️ 1124 m

Google

Visit to Madhache Gaon Manghar, Mahabaleshwar

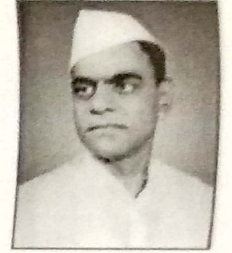




JANATA SHIKSHAN SANSTHA'S

KISAN VEER MAHAVIDYALAYA, WAI

DIST-SATARA, MAHARASHTRA, INDIA-412803

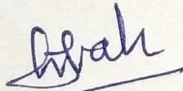


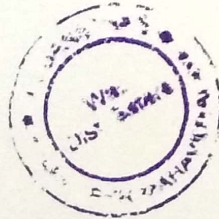
Certificate Course in Apiculture

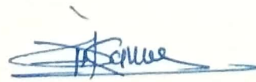
2024-25


Certificate

This is to certify that, Mr./Ms./Miss..... Malusare Rohan Dashrath participated in the "Certificate Course in Apiculture" Organized by Department of Zoology, Kisan Veer Mahavidyalaya, Wai, Satara (Maharashtra) for the Academic year 2024-25.


Coordinator




Head
Department of Zoology
Kisan Veer Mahavidyalaya,
Wai 412803
Department of Zoology


PRINCIPAL
KISAN VEER MAHAVIDYALAYA
Wai, Dist. Satara