

Date:-10/01/2023

To ,
The Principal,
Pravara Medical Trust's
Arts, Commerce and Science College
Shevgaon.

Subject :- Permission of Syllabus framing workshop on "Apiculture".....

Respected Sir,

With the Above reference subject the department of Zoology organizes a Syllabus Framing Workshop of multidisciplinary certificate course on "Apiculture" on 29th January 2023. We believe that this workshop will provide students with valuable knowledge and practical skills, and inspire them to explore the field of apiculture further.

We kindly request your permission to conduct this workshop on 29th January 2023.

Thank you for your time and consideration.

Syllabus framing workshop committee are as follows:

Sr. No.	Name of Person	Designation
1	Mr. Sajed S. Patel	IQAC Coordinator
2	Miss Gawali Priyanka P.	Subject Expert
3	Miss.Jadhav Geeta A.	Subject Expert
4	Mr. Kishor. S. Dhadge	H.O.D
5	Mr. Ramdas B. Torade	Coordinator
6	Mr. Paratwagh M.B	Courses Coordinator



Bhambhani
HEAD

Dept. of Zoology
Pravara Medical Trust's
Arts, Commerce and Science College
Shevgaon, Dist. Ahmednagar

Your's Faithfully,

Ramdas
COORDINATOR

Permitted
Ramdas

Pravara Medical Trust's



Arts, Commerce and Science College, Shevgaon

Tal: Shevgaon Dist: Ahmednagar 414502 Maharashtra, India

Tel: 02429 223031 Fax: 02429 223399 Email: pmt.acsc@gmail.com



College Code: 1481

College ID: PU/AN/Sci/136/2013

Website: www.pmtacscollege.com

Date:-12/01/2023

To,
Miss. Gawali Priyanka P.
Department Of Zoology,
Jijamata College Bhenda.

Subject: As subject expert for syllabus framing workshop on Apiculture ...

Dear Sir,

With the above reference subject, department of Zoology of our college would like to run a multidisciplinary certificate course on "Apiculture" in the academic year 2022-23. During the month of February to March (45 days).


You are nominated as a **Subject Expert-Member** for the Syllabus Framing Committee of the said course. The department of Zoology organizes a syllabus framing Workshop of multidisciplinary certificate course on "Apiculture" on 29th January 2023.

We request you to attend the said Workshop and help us to frame the syllabus.

Syllabus framing committee are as follows:

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1	Mr. Sajed S. Patel	IQAC Coordinator
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Your's, 
Principal
Arts, Comm. & Sci. College
Shevgaon, Dist. Ahmednagar







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Date:-12/01/2023

To,
Miss Jadhav Geeta A.
Mula Education Society's,
Arts, Commerce and Science college,
Maka.

Subject: As subject expert for syllabus framing workshop on Apiculture ...

Dear Sir,

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5	Mr. Ramdas B. Torade	Coordinator
6	Mr. Paratwagh M.B	Courses Coordinator



Your's
[Signature]
Principal

Arts, Comm. & Sci. College
Shevgaon, Dist Ahmednagar

Pravara Medical Trust's



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Date:- 13/01/2023

To,
Miss. Gavali Priyanka P.
Department Of Zoology,
Jijamata College Bhenda.

Subject: Thanking Letter...

Respected Sir,

With the above mentioned subject, our college has organized syllabus framing workshop of multidisciplinary certificate course on "**Apiculture**" for the graduate students of department of Zoology on 13/01/2023. We are thankful to you that you have attended the said workshop and help us to frame syllabus.

We wish you best wishes for future.

Thanking You!



Principal
Arts, Comm. & Sci. College
Shevgaon, Dist Ahmednagar

Received

Pravara Medical Trust's



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Thanking You!




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Shevgaon, Dist Ahmednagar


Received

**Proposed syllabus
Skill Based course in Apiculture**

Sr.No	Unit I	15Hrs.
1	Introduction to Apiculture - scope, importance <ul style="list-style-type: none"> ➤ History of beekeeping: Definition, ➤ Beekeeping worldwide and In India. ➤ Traditional beekeeping, Modern beekeeping, Urban or backyard beekeeping. ➤ Role of Central Honey Bee Research & Training Institute 	
2	Honey Bee morphology, Anatomy and Life cycle Basic concepts of morphology of Honey bees	
3	[Practical: To study the morphology of Honeybees] <ul style="list-style-type: none"> ➤ Types of honey bees- indigenous, exotic, ➤ Species of honey bees. ➤ Origin, systematics and distribution of honey bees. 	
4	[Practical: To study different species of honey bees.] <ul style="list-style-type: none"> ➤ Social organization in honey bees: ➤ Colony life and social organization – Queen, drone, worker. 	
5	[Practical: i. Identification of different casts of Honey bees, ii. Study of different stages of the life cycle of the honey bee, iii. Identification of Queen cells, Drone cells & Brood] <ul style="list-style-type: none"> ➤ Study of Social behaviour of honey bee: Attack, Bee Dance ➤ Annual biological cycle of the bee colony, ➤ Identification of swarming tendency in a colony, ➤ Migration of Bees 	
6	Honeybee Enemies and Diseases [with the help of Photographs]	

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	<ul style="list-style-type: none"> ➤ Bee enemies – Enemy: Mites, Wax Moths, Ants, Bee Eaters, Garden Lizards, Bears ➤ Disease management - Identification of symptoms of Nosema. Sac brood Virus, Thai sac brood virus, American foul brood, and European foul brood diseases. ➤ Preventive and control measures of the diseases, Vit B supplementation, Management of Dehydration 	
Unit II		15Hrs.
1.	Beekeeping: Tools and Equipment. Basic requirements for beekeeping start up BIS standard Tools used in apiculture.	
2	[Practical: Demonstration Different equipment required for bee keeping]	
3	<p>Introduction to types of bee boxes and Their Parts [Practical: Study of different types and parts of the bee box]</p> <ul style="list-style-type: none"> i. Handling frames of bee colony, ii. Division of Colonies, iii. Bee Capturing, iv. Queen Rearing, v. Sugar feeding of colonies in scarcity period] 	

Ramdas
COORDINATOR

P. Paratwadi
Coordinator
Skill Development Centre
PMT's ACSC, Shevgaon

[Signature]
IQAC
PMT's ACSC
Shevgaon

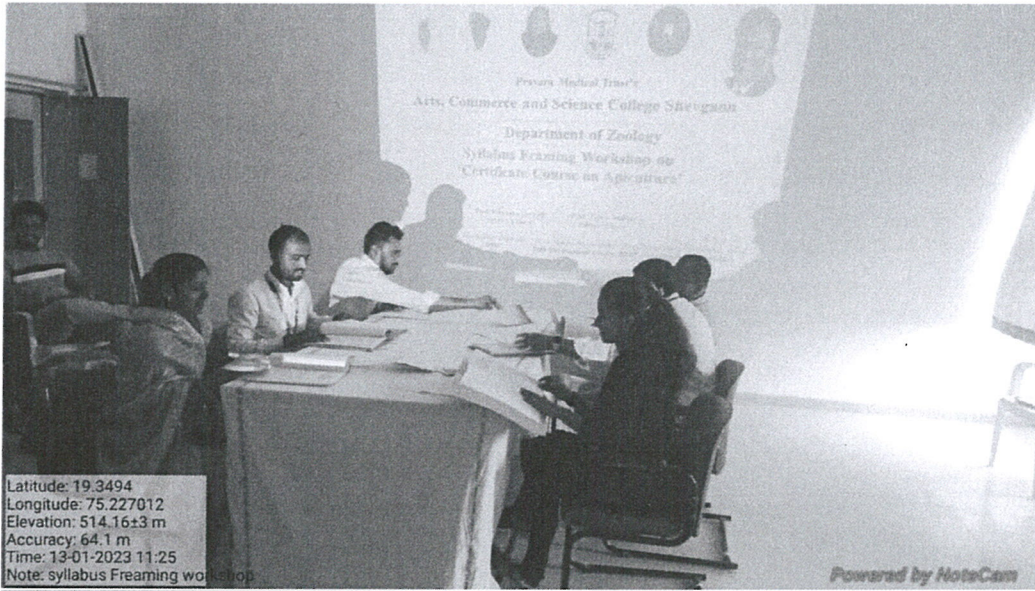


Peiya. A
(Expert- 01)

[Signature]
(Expert- 02)

[Signature]
HEAD
Dept. of Zoology
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Shevgaon, Dist. Ahmednagar

Syllabus Framing workshop Photos on Apiculture



Ramdas
COORDINATOR

Shubayk
HEAD
Dept. of Zoology
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Workshop Report on "Apiculture"

- ❖ **Title of the Workshop:** Syllabus Framing Workshop on Apiculture
- ❖ **Date:** 29th January 2023
- ❖ **Organized by:** Department of Zoology
Pravara Medical Trust's Arts, Commerce, and Science College, Shevgaon

❖ Introduction:

The Syllabus Framing Workshop on Apiculture was successfully organized by the Department of Zoology at Pravara Medical Trust's Arts, Commerce, and Science College, Shevgaon, on 29th January 2023. The event aimed to discuss and finalize the syllabus for the subject of Apiculture, which is increasingly relevant in the field of Zoology and agriculture.

❖ Inauguration & Keynote Session :-

The workshop commenced at 10:00 AM with an official opening address. The distinguished participants and experts present at the workshop included:

1. **Mr. Sajed S. Patel** – IQAC Coordinator
2. **Miss Gawali Priyanka P.** – Subject Expert
3. **Miss Jadhav Geeta A.** – Subject Expert
4. **Mr. Kishor S. Dhadge** – H.O.D., Department of Zoology
5. **Mr. Ramdas B. Torade** – Coordinator of the Workshop
6. **Mr. Paratwagh M.B.** – Courses Coordinator

The workshop aimed to develop a structured syllabus that would effectively introduce students to the principles of Apiculture, covering various aspects of beekeeping, bee biology, honey production, and the ecological importance of bees.


❖ Objectives of the Workshop


- To introduce participants to the basics of apiculture.
- To explain the ecological importance of honey bees.
- To provide practical knowledge on starting and managing a beekeeping operation.
- To discuss the economic viability of beekeeping as a business.
- To share the latest trends and research in apiculture.

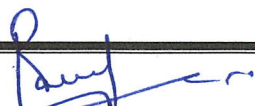
❖ Future Plans

Based on the success and feedback from this workshop, the organizing team plans to host additional workshops and training sessions focused on specialized topics in apiculture, such as:

- Advanced pest and disease management


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Principal
Arts, Comm. & Sci. College
Shevgaon, Dist. Ahmednagar





Pravara Medical Trust's,
Arts, Commerce and Science College Shevgaon
Ayurved College Campus, Tal- Shevgaon, Dist- Ahmednagar
Skill Development Centre Organized

**One Day Workshop on
Syllabus Framing for Certificate Course 2022-23**




This certificate is awarded to

Ms. Gawali Priyanka P. We appreciate your participation and rich
Contribution in designing of the syllabus for Certificate Course -Entitled Certificate
Course on Apiculture on 29/01/2023


Co-ordinator
(Skill Development Centre)


IQAC
(Co-ordinator)


Principal



Pravara Medical Trust's,



Arts, Commerce and Science College Shevgaon
Ayurved College Campus, Tal- Shevgaon, Dist- Ahmednagar
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Co-ordinator
(Skill Development Centre)


IQAC
(Co-ordinator)


Principal