

**Skill Embedded
Value Added
Certificate
Course**

Fatima College Autonomous)

Affiliated to Madurai Kamaraj University
Re-Accredited with A++ by NAAC (Cycle-IV)
MARY LAND, MADURAI- 625 018.
TAMIL NADU, INDIA



COURSE OBJECTIVES

- Understand the methods of rearing farm animals.
- Inculcate the skills needed to formulate the strategies to be adopted for sustainable development.
- Promotion of Dairying for self-employment

List of featured items

Internships
Visit to animal farms
Collaboration with entrepreneurs of rabbit farm and dairy farm

Livestock Farming

2022-2023



Course Description

To apply the principles of management and breeding of domestic, livestock or farm animals for the purpose of obtaining their products (meat, milk, eggs, etc.)

Fees : Rs.1500/-
No. of hours: 60

Department of Zoology



FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' by NAAC (Cycle – IV)
Mary Land, Madurai

UNDERGRADUATE

For those who joined in 2021 onwards

*(Offered as **SKILL – EMBEDDED VALUE ADDED CERTIFICATE COURSE***

For all students)

| PROGR MME CODE | COURSE CODE | COURSE TITLE | CATEGORY | HRS/ WEEK | CREDIT S |
|----------------------|----------------|----------------------|--|--------------|-------------|
| UAZO | 21UGVACZ1 | Livestock Farming | Skill – Embedded Value Added Certificate Course | - | 2 |

COURSE DESCRIPTION

To apply the principles of management and breeding of domestic, livestock or farm animals for the purpose of obtaining their products (meat, milk, eggs, etc.)

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- Understand the methods of rearing farm animals.
- Inculcate the skills needed to formulate the strategies to be adopted for sustainable development.
- Promotion of Dairying for self-employment.

UNIT - I INTRODUCTION

(12 HRS.)

Present status and future prospects of livestock development in India.

Buffalo: Breeds of Buffalo, Housing, Feed Management, Milking and Disease Management

UNIT – II SWINE

(12 HRS.)

Swine: Importance of pig as a meat animal. Selection of breeds, breeding systems and feeding strategies. Care and Management of pregnant sows and unweaned piglets.

UNIT - III –RABBIT REARING

(12 HRS.)

Rabbit: Economic importance. Important fur and meat type breeds. Housing, handling, feeding, watering, breeding, management, sanitation and health care of rabbits.

UNIT - IV -CATTLE FARMING

(12 HRS.)

Important breeds of Cow, Housing and rearing systems. Breeding Management, Prenatal and Postnatal care - Milking management - Machine and hand milking.

UNIT - V - SHEEP AND GOAT

(12 HRS.)

Breeds of Sheep and Goat, Nutritional value of Chevon and goat milk, Commercial Rearing of Sheep and goat: Feeding, Housing, Breeding and Health Management Strategies,

REFERENCES:

1. ICAR, *Hand book of Animal Husbandry*, The Indian Council for Agricultural Research, New Delhi.
2. Uma Shankar Singh, (2008) *Dairy Farming*, Anmol Publications, New Delhi.

DIGITAL OPEN EDUCATIONAL RESOURCES

1. <https://www.agrifarming.in/livestock-farming>
2. <https://vikaspedia.in/agriculture/livestock/>

3. <https://www.apnikheti.com/en/pn/livestock/bee/dammer-or-stingless-bee>
4. https://agritech.tnau.ac.in/expert_system/poultry/
5. https://agritech.tnau.ac.in/animal_husbandry/animhus_index.html

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

| NO. | COURSE OUTCOMES | KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY) | PSOs ADDRESSED |
|------|--|--|-------------------|
| CO 1 | Illustrate the Breeds of Buffalo and its rearing techniques. | K2 | PSO2 |
| CO 2 | Plan for a Swine Breeding and Feeding Strategies. | K3 | PSO4, PSO11 |
| CO 3 | Analyze the rearing methods of Rabbit. | K4 | PSO10 |
| CO 4 | Assess the Rearing of Sheep and Goat. | K1 | PSO9 |
| CO 5 | Assess the commercial importance of Livestock Farming. | K5 | PSO9 |

Mapping of COs with PSOs

| CO/ PSO | PSO 1 | PSO 2 | PSO 3 | PSO 4 | PSO 5 | PSO 6 | PSO 7 | PSO 8 | PSO 9 | PSO 10 | PSO 11 | PSO 12 |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|
| CO1 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| CO2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 |
| CO3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 |
| CO4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 |
| CO5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 |

Mapping of COs with POs

| CO/ PSO | PO1 | PO2 | PO3 | PO4 |
|------------|-----|-----|-----|-----|
| CO1 | 3 | 2 | 2 | 2 |
| CO2 | 2 | 2 | 2 | 2 |
| CO3 | 1 | 2 | 2 | 2 |
| CO4 | 2 | 3 | 2 | 2 |
| CO5 | 2 | 2 | 2 | 2 |

Note: ♦ Strongly Correlated – 3


♦ Moderately Correlated – 2

♦ Weakly Correlated -1

COURSE DESIGNER

Dr. Antony Amala Jayaseeli

Forwarded By



Dr. A. TAMIL SELVI
Head, Dept. of Zoology
FATIMA COLLEGE (AUTONOMOUS)
MADURAI-625 018

HOD'S Name &Signature

மாதத்தில் ஆஜரானவர்கள் **MADRAS** of Zoology
FATIMA COLLEGE (AUTONOMOUS)
MADURAI-626 010

Dr. A. TAMIL SELVI



FATIMA COLLEGE

(Autonomous)

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Mary Land, Madurai - 625018, Tamil Nadu

DEPARTMENT OF ZOOLOGY

Value Added Skill Embedded Certificate Course – 2022-2023

Livestock Farming - 21UGVACZ1

Course Teacher Name list

| S. No. | Course Title with Course Code | Course Teacher | No. of Hours Taken |
|--------|-------------------------------|------------------|--------------------|
| 1 | Livestock Farming - 21UGVACZ1 | Dr. J.Asnet Mary | 30 |
| 2 | | Dr. J. Thelma | 30 |

Signature of the HOD with Seal

Dr. A. TAMIL SELVI

Head, Dept. of Zoology

FATIMA COLLEGE (AUTONOMOUS)

MADURAI-625 018



FATIMA COLLEGE (AUTONOMOUS)

AFFILIATED TO MADURAI KAMARAJ UNIVERSITY
RE-ACCREDITED WITH 'A++' BY NAAC (CYCLE-IV)

MARY LAND, MADURAI - 625 018

DEPARTMENT OF ZOOLOGY

This is to certify that Ms. SHANMUGA PRIYA A - III B.Sc. Zoology
has successfully completed the Skill Embedded Certificate Course on

LIVESTOCK FARMING

during the academic year 2022-2023 and has been
awarded ~~Distinction~~ / ~~First~~ / Second class.

Dr. G. Celine Sahaya Mary
Dr. Sr. G. Celine Sahaya Mary

Head of the Department

Principal

S. S. S.
Dr. S. S. S. S. S. S.
Co-ordinator



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This is to certify that Ms. SRIMATHI. G. - III B.Sc. Zoology has successfully completed the Skill Embedded Certificate Course on

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during the academic year 2022-2023 and has been awarded ~~Distinction~~ / ~~First~~ / Second class.

[Signature]
Dr. S. SURESH
Co-ordinator

Head of the Department

[Signature]

Dr. Sr. G. Celine Sahaya Mary
Principal



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has successfully completed the Skill Embedded Certificate Course on

LIVESTOCK FARMING

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awarded ~~Distinction~~ / First / Second class.

Su. S.
Dr. S. SURESH
Co-ordinator

Mary
Head of the Department

Dr. G. Celine Sahaya Mary
Dr. Sr. G. Celine Sahaya Mary
Principal



MARY LAND, MADURAI - 625 018

This is to certify that Ms. TESAMINI. P. J. - III B.Sc. Zoology has successfully completed the Skill Embedded Certificate Course on

LIVESTOCK FARMING

during the academic year 2022-2023 and has been awarded Distinction / ~~First~~ / ~~Second~~ class.

Dr. G. Edwin Selwyn Munn

Dr. Sr. G.Celine Sahaya Mary

Head of the Department

Principal

Co-ordinator

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This is to certify that Ms. PREETHI. M - III B.Sc. Zoology has successfully completed the Skill Embedded Certificate Course on

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Suc. S.
[Dr. S. SURESH] Co-ordinator

Head of the Department

Dr. Sr. G. Celine Sahaya Mary

Dr. G. Celine Sahaya Mary

Principal



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This is to certify that Ms. Ms. Vandhana M - III B.Sc. Zoology
has successfully completed the Skill Embedded Certificate Course on

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Dr. G. Celine Sahaya Mary

Dr. Sr. G.Celine Sahaya Mary

Head of the Department

Principal

Sr. S. Sukumar
Co-ordinator



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This is to certify that Ms. KARTHIKA DEVI. M - III B.Sc. Zoology
has successfully completed the Skill Embedded Certificate Course on

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Sr. G. Celine Sahaya Mary

Dr. Sr. G. Celine Sahaya Mary

Head of the Department Principal

Sue S.
Co-ordinator



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This is to certify that Ms. STARSHINI. M - III B.Sc. Zoology has successfully completed the Skill Embedded Certificate Course on

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Dr. G. Celine Sahaya Mary

Dr. Sr. G.Celine Sahaya Mary

Head of the Department

Principal

S. S. S.
(Dr. S. Sukumar)
Co-ordinator



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This is to certify that Ms. Harabina M. B. Zoology
has successfully completed the Skill Embedded Certificate Course on

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Dr. G. Celine Sahaya Mary

Dr. Sr. G. Celine Sahaya Mary

Principal

Head of the Department

Dr. S. Sukumaran

Co-ordinator



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DEPARTMENT OF ZOOLOGY

This is to certify that Ms. ABINAYA S. - II^B B.Sc. Zoology
has successfully completed the Skill Embedded Certificate Course on

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Sr. G. Celine Sahaya Mary

Dr. Sr. G. Celine Sahaya Mary

Head of the Department

Principal

Sr. S. S. S. S. S.
Co-ordinator



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DEPARTMENT OF ZOOLOGY

This is to certify that Ms. Arundhavarshini S. - II B.Sc. Zoology -
has successfully completed the Skill Embedded Certificate Course on

LIVESTOCK FARMING

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Sus. S.
Co-ordinator

Head of the Department

Dr. Sr. G. Celine Sahaya Mary
Principal



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DEPARTMENT OF ZOOLOGY

This is to certify that Ms. SANGEETHA P - II B.Sc. Zoology has successfully completed the Skill Embedded Certificate Course on

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S. S. S.
Srs. SUKUMARI
Co-ordinator

M. S. S.
Head of the Department

S. G. Celine Sahaya Mary
Dr. Sr. G.Celine Sahaya Mary
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This is to certify that Ms. SANTHIYA. M. - II B.Sc. Zoology has successfully completed the Skill Embedded Certificate Course on

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S. S.

Dr. S. Sukumari

Co-ordinator

[Signature]

Head of the Department

Dr. G. Celine Sahaya Mary

Dr. Sr. G. Celine Sahaya Mary

Principal



MARY LAND, MADURAI - 625 018

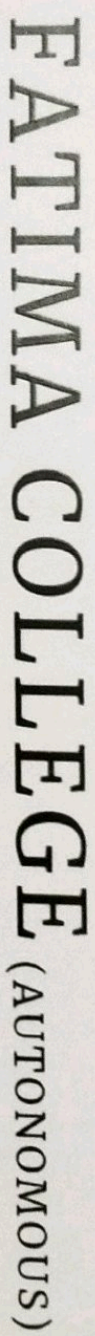
This is to certify that Ms. RELMSI. A. II B. Sc. Zoology has successfully completed the Skill Embedded Certificate Course on

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Head of the Department

Dr. S. G. Celine Sahaya Mary
Principal



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This is to certify that Ms. YUVARANI . K - II B.Sc, Zoology has successfully completed the Skill Embedded Certificate Course on

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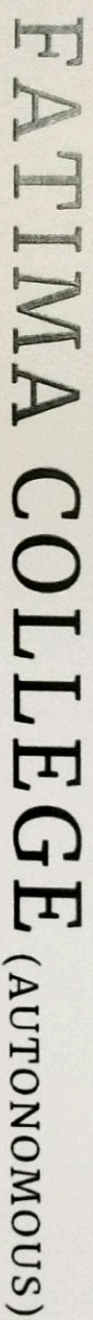
Dr. G. C. Johnson May

Dr. Sr. G.Celine Sahaya Mary

Head of the Department

Co-ordinator

Dr. S. S. Sukumard



MARY LAND, MADURAI - 625 018

This is to certify that Ms. SHANMAYIL PRIYA S-II B.Sc. Zoology has successfully completed the Skill Embedded Certificate Course on

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Head of the Department

Dr. Sr. G.Celine Sahaya Mary
Principal



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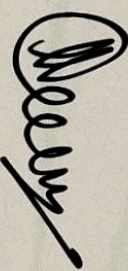
DEPARTMENT OF ZOOLOGY

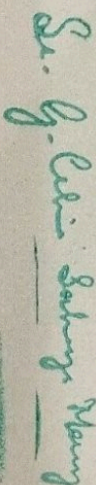
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Dr. S. SURENMARUD
Co-ordinator


Head of the Department


Dr. Sr. G. Celine Sahaya Mary
Principal