

**Skill Embedded
Value Added
Certificate
Course**

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

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

Fatima College Autonomous)

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



**Livestock
Farming**

2023 - 2024

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.)



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)

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

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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

Levels	C1	C2	C3	C4	Total Scholastic Marks	Non-Scholastic Marks C5	CIA Total	% of Assessment
	Session-wise Average	Better of W1, W2	M1+M2 5+5=10 Mks.	MID-SEM TEST 15 Mks	35 Mks.	5 Mks.	40Mks.	
K1	5	-	-	2 ½	7.5	-	7.5	18.75 %
K2	-	5	4	2 ½	11.5	-	11.5	28.75 %
K3	-	-	3	5	8	-	8	20 %
K4	-	-	3	5	8	-	8	20 %
Non-Scholastic	-	-	-	-		5	5	12.5 %
Total	5	5	10	15	35	5	40	100 %
CIA								

Scholastic	35
Non-Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

UG CIA Components					
			Nos		
C1	-	Test (CIA 1)	1	-	10 Mks
C2	-	Test (CIA 2)	1	-	10 Mks
C3	-	Assignment	1	-	5 Mks
C4	-	Open Book Test/PPT	2 *	-	5 Mks
C5	-	Quiz	2 *	-	5 Mks
C6	-	Attendance		-	5 Mks

** The best out of two will be taken into account*

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
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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



FATIMA COLLEGE (AUTONOMOUS)

AFFILIATED TO MADURAI KAMARAJ UNIVERSITY
RE-ACCREDITED WITH 'A++' BY NAAC(CYCLE-IV)
MARY LAND, MADURAI- 625 018

This is to certify that Ms. S. Dhanu Sri
has successfully completed the Skill Embedded Certificate

Course on livestock farming offered by

Department of zoology during the academic year

2023-2024 and has been awarded Distinction / First / ~~Second~~ class.

S. S.
Co-ordinator

Arthy Anshu Jayaraman
Head of the Department

S. G. Lili Sakthi Kumar
Principal



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MARY LAND, MADURAI - 625 018

This is to certify that Ms. A. Harene
has successfully completed the Skill Embedded Certificate

Course on Livestock Farming offered by

Department of Zoology during the academic year

2023 - 2024 and has been awarded Distinction / First / ~~Second~~ class.

S. S. S.
Co-ordinator

Shilpy Shalee Jayaraman
Head of the Department

S. G. Lili Sabarany Mary
Principal



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Mary Land, Madurai - 625 018, Tamil Nadu

DEPARTMENT OF ZOOLOGY

Skill Embedded Certificate Course -Livestock Farming- 21UGVACZ1

Course Teacher Name list

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

Dr. Antony Amala Jayaseeli
Signature of the HOD with Seal
Dr. ANTONY AMALA JAYASEELI
Associate Professor and Head,
Department of Zoology,
Fatima College (Autonomous),
Madurai-625 018.



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Mary Land, Madurai - 625 018, Tamil Nadu

DEPARTMENT OF _____

Value-added Course – _____

Students' Name list

S. No.	Register No.	Name of the Student

Signature of the HOD with Seal



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1.	Livestock Farming	Dr. J. Asnet Mary	30
2.	Livestock Farming	Dr. J. Thelma	30

Signature of the HOD with Seal

FATIMA COLLEGE (AUTONOMOUS), MADURAI

1. Department Name: Zoology
2. Course Name: Skill Embedded certificate course
3. Course Title and Code: Livestock Farming 21UGVACZ1
4. Strength: 16
5. Staff Incharge: Dr.J.Asnet Mary & Dr.J.Thelma

S.No.	Register No	Name	Internals				External	Total
			T1 (15)	T2 (15)	C1 (10)	Tot (40)		
1.	2022Z08	DHANU SRI S	12	11	10	33	35	68
2.	2022Z10	HARENE A	13.5	10	10	34	48	82
3.	2022Z16	KARTHIGA G	13	11	10	34	48	82
4.	2022Z18	KAYAL VIZHI M	11.5	12	10	34	40	74
5.	2022Z22	MANIMEGALAI V	12.5	10	10	33	40	73
6.	2022Z24	MERFIN L	13	10.5	10	34	47	81
7.	2022Z27	NITHISHREE P	14	12.5	10	37	54	91
8.	2022Z28	PANDISELVI M	11.5	9	10	31	39	70
9.	2022Z32	RENUKAA G	10	10	10	30	44	74
10.	2022Z34	ROSHIKA P	12.5	9	10	32	46	78
11.	2022Z35	SANDHIYA T	10	9	10	29	45	74
12.	2022Z42	VINOVA M L	13	11	10	34	44	78
13.	2022Z43	YAZHINI P	9	12	10	31	51	82
14.	2022Z45	GLADYS P	14	14	10	38	59	97
15.	2022Z46	JASMINE C	13.5	10	10	34	42	76
16.	2021Z42	SUREKHA S	8.5	10	10	29	41	70

Antony Amala Jayaseeli

Signature of the HOD

Dr.ANTONY AMALA JAYASEELI

Associate Professor and Head,

Department of Zoology,

Fatima College (Autonomous),

Madurai-625 018.



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Mary Land, Madurai - 625 018, Tamil Nadu

DEPARTMENT OF ZOOLOGY

Skill Embedded Certificate Course – Livestock Farming 21UGVACZ1

Students' Name list

S. No.	Register No.	Name of the Student
1	2022Z08	Dhanu Sri S
2	2022Z10	Harene A
3	2022Z16	Karthiga G
4	2022Z18	Kayal Vizhi M
5	2022Z22	Manimegalai V
6	2022Z24	Merfin L
7	2022Z27	Nithishree P
8	2022Z28	Pandiselvi M
9	2022Z32	Renukaa G
10	2022Z34	Roshika P
11	2022Z35	Sandhiya T
12	2022Z43	Yazhini P
13	2022Z45	Gladys P
14	2022Z46	Jasmine C
15	2022Z42	Vinova M L
16	2021Z42	Surekha S

[Handwritten signatures of course teachers]
Course Teachers

[Handwritten signature of Dr. Antony Amala Jayaseeli]
Dr. ANTONY AMALA JAYASEELI
Associate Professor and Head,
Department of Zoology,
Fatima College (Autonomous),
Mary Land, Madurai - 625 018, Tamil Nadu
Signature of the Head with Seal



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2	2022Z10	Harene A
3	2022Z16	Karthiga G
4	2022Z18	Kayal Vizhi M
5	2022Z22	Manimegalai V
6	2022Z24	Merfin L
7	2022Z27	Nithishree P
8	2022Z28	Pandiselvi M
9	2022Z32	Renukaa G
10	2022Z34	Roshika P
11	2022Z35	Sandhiya T
12	2022Z43	Yazhini P
13	2022Z45	Gladys P
14	2022Z46	Jasmine C
15	2022Z42	Vinova M L
16	2021Z42	Surekha S

Dr. Antony Amala Jayaseeli
Dr. ANTONY AMALA JAYASEELI
Associate Professor and Head,
Department of Zoology,
Fatima College (Autonomous),
Mary Land, Madurai - 625 018, Tamil Nadu



GPS Map Camera

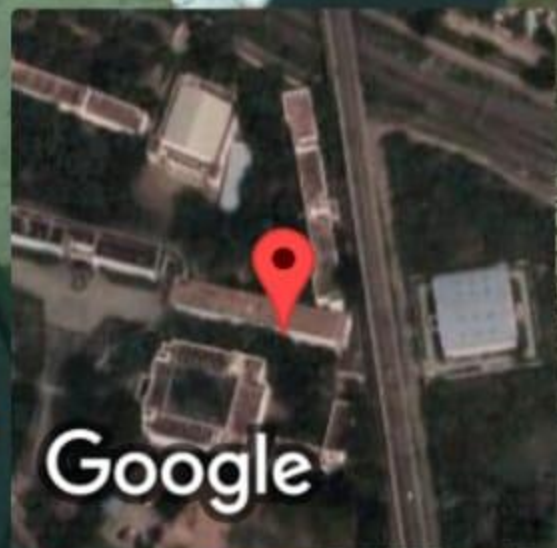
Madurai, Tamil Nadu, India

Fatima college, Mary land, Koodal Nagar, Madurai, Tamil Nadu 625018, India

Lat 9.948171°

Long 78.099356°

16/03/24 01:41 PM GMT +05:30



Google



GPS Map Camera

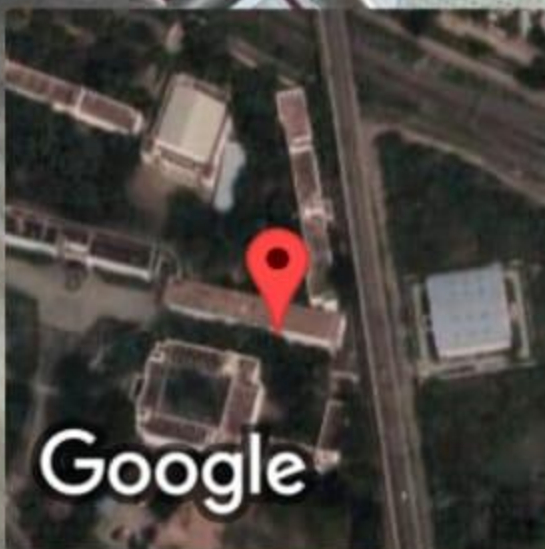
Madurai, Tamil Nadu, India

Fatima college, Mary land, Koodal Nagar, Madurai, Tamil Nadu 625018, India

Lat 9.948171°

Long 78.099356°

16/03/24 11:00 AM GMT +05:30



Google

SKILL EMBEDDED CERTIFICATE COURSE - LIVESTOCK FARMING - 21URVACZ1

Name of school:

பள்ளிக்கூடத்தின் பெயர்:

Students

மாணவர்கள்

Serial No. வரிசை எண்	Register No. பதிவு எண்	NAME பெயர்	Date of Birth பிறந்த நாள்	Date of Joining மேலும் பதிவு செய்த நாள்	Community இனம்	1	2	3	4	5
1.	2022Z06	Dhanu Sri S				/	/	/	/	/
2.	2022Z10	Harene A				/	/	/	/	/
3.	2022Z16	Karthiga G				/	/	/	/	/
4.	2022Z18	Kayal Vinhi M				/	/	/	/	/
5.	2022Z22	Mahimegalai V				/	/	/	/	/
6.	2022Z24	Mexia G				/	/	/	/	/
7.	2022Z27	Nithisree P				/	/	/	/	/
8.	2022Z28	Pandiselvi M				/	/	/	/	/
9.	2022Z32	Renukaa G				/	/	/	/	/
10.	2022Z34	Roshika P				/	/	/	/	/
11.	2022Z35	Sandhiya T				/	/	/	/	/
12.	2022Z43	Yashini P				/	/	/	/	/
13.	2022Z45	Aladys P				/	/	/	/	/
14.	2022Z46	Jasmine C				/	/	/	/	/
15.	2022Z42	Vinova M.L				/	/	/	/	/
16.	2021Z42	Surekha S				/	/	/	/	/

Attendance Register

2023-2024

வருகைப்பதிவேடு

Serial No. வரிசை எண்	Register No. பதிவு எண்	NAME பெயர்	Date of Birth பிறந்த நாள்	Date of Joining மேலும் பதிவு செய்த நாள்	Community இனம்	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Remarks குறிப்பு
1.	2022Z06	Dhanu Sri S				/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2.	2022Z10	Harene A				/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3.	2022Z16	Karthiga G				/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4.	2022Z18	Kayal Vinhi M				/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5.	2022Z22	Mahimegalai V				/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6.	2022Z24	Mexia G				/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7.	2022Z27	Nithisree P				/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8.	2022Z28	Pandiselvi M				/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9.	2022Z32	Renukaa G				/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10.	2022Z34	Roshika P				/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11.	2022Z35	Sandhiya T				/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12.	2022Z43	Yashini P				/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13.	2022Z45	Aladys P				/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14.	2022Z46	Jasmine C				/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15.	2022Z42	Vinova M.L				/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16.	2021Z42	Surekha S				/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Total Number of Students enrolled - 16

Number of Students Completed - 16

Total No. of hours (30x2) = 60 hours

Course teachers:

1. Dr. J. ASNET MARY

2. Dr. J. THELMA

தலைவர்
வருகைப்பதிவு
ஆலோசனை
மேலும் பதிவு செய்த நாள்

காலை/Morning

மாலை/Evening

ஆசிரியர்

ஆசிரியர்

மாதத்துவக்கத்தில் ரோலிங்ஸ் பிள்ளைகள்
அந்த மாதத்தில் பதிவுபட்ட சேர்க்கப்பட்டவர்கள்
அந்த மாதத்தில் லிஸ்கியவர்கள்

மாதக்கூடையில் ரோலிங்ஸ் பிள்ளைகள்
பள்ளிக்கூடம் வந்த நாள்
மாதத்தில் ரோலிங்ஸ் சராசரி சங்கியை

மாதத்தில் ஆலோசனை உயர்ந்த சராசரி
தாழ்ந்த வகுப்புச் சிறுவர்கள் சராசரி
மாதத்தில் ஆலோசனை சிறுமியர்கள்

மாதத்தில் ஆலோசனைவர்கள்

Dr. ANTONY AMALA JAYASEELI
Head Assistant Professor
Dept. of Zoology
Fatima College (Autonomous)
Madurai-625 018