

Government Degree College, Eturnagaram

CERTIFICATE COURSE IN SERICULTURE (Rearing of Silkworm)

A Career Oriented "Certificate Course" in SeriCulture (Tasar Culture).

GOVERNMENT DEGREE COLLEGE, ETURNAGARAM

From: 03.02.2020 to 10.03.2020 (Class timing- 3.00pm to 4.00pm)

Duration of the course- 28 Days

Organized by-

Department of Zoology.

Resource Person:

- 1. U. Swamy, Assistant Professor of Zoology.
 - 2. Dr. G. Shiva Kumar, Research Scholar
- 3. Dr. D. Bala Krishna, Lecturer in Animal Science.
 - 4. Dr. P. Suresh, Lecturer in Zoology.
- 1. Number of intended hours required: 20 (Theory-10 & Practicals-10)

2. Number of credits:

3. Objectives:

*Providing basic theoretical and practical knowledge about the culture of Tasar silkworms and development of simple management skills.

Syllabus of the Certificate Course

S	iyllabi (theory) fo	or the Certificate Course in Tasar (Culture
Th	eoretical Learnin	g	
S.N	o. Unit	Topic Description& periods	No. of tota periods
1	UNIT-I INTRODUCTION TO TASAR CULTIVATION	 Sericulture: Definition, history and present status. (1) Silkworms: Types of silkworms, food plants, food plants (1) Prospects and problems of Tasar Culture (2) Role of womenin sericulture (1) 	5
2	UNIT-II TASAR CULTIVATION-I	 Morphology, Taxonomy of TasarCulture- Antheraea mylitta (Tasar). (3) Economic and biomedical importance ofsilk. (2) 	5
3	UNIT-II TASAR CULTIVATION-II	1. Propagation of Terminalia plantation- Techniques (2) 2. Pruning: Techniques of Bottom pruning, middle pruning and repeated pruning (2) 3. Leaf yield: Estimation of leaf yield per unit area-acre/hectare (2)	6
4	UNIT-IV ESTIBLISHMEN T &MANAGEMENT OF TASAR GARDEN	 Grainage activities (egg laying's management), (1) Brushing(1) sanitation measures, physical and chemical (2) Shuffling worms (1) Protective measures from predators. (2) Methods of pest management. (2) Harvesting skills (1) Cocoons preservation (2) 	12
Pract	ical & Field Experien	ced Learning	
5	Field learning experiences	*Experienced learning: Field visits in Tasar silkworm culturing areas in Shapelly, Kondai villages of Eturnagaram Mandal.	6
6	Practical Learning	*Microscopic studies for pests' observation, handling of worms and moths. (2) *Cleaning eggs (1) *Transportation and marketing (1)	4
Betro		ry- 70 marks (2.5 hours).2. Practical- 30 marks (1ho Town PRINCI Government De ETURNA	le

Students Enrolled:

S.No.	Name of the student	idents Enrolled	
and the second se	BATTU NAMRATHA	Course	Signature
	BATTU RUCHITHA	B.Sc-B.Z.C.	Normatha
the second se	BATTU SHIRISHA	B.Sc-B.Z.C.	Rube
	BOLLE KOMALA	B.Sc-B.Z.C.	algeopa-
	DABBAGATLA ANAND	B.Sc-B.Z.C.	10malet
6	DABBAGATLA ANAND	B.Sc-B.Z.C.	D. ANAMO
	DABBAGATLA BABU	B.Sc-B.Z.C.	D. Baber
0	DANTHULURI SUSHMA	B.Sc-B.Z.C.	autuna
	EESAM KARUNASRI	B.Sc-B.Z.C.	Kara
	ELLENDULA RAM BABU	B.Sc-B.Z.C.	Pompaku
	GADDAM ROJA	B.Sc-B.Z.C.	Roja
	GUMMADI RAJITHA	B.Sc-B.Z.C.	Ratitly
the second se	GUMMADI SANJEEV	8.Sc-B.Z.C.	Sautreev
	JADI NAGALAXMI	B.Sc-B.Z.C.	Nagaboxini
	JAGAJAMPULA KALYANI	B.Sc-B.Z.C.	
	AJJARI SUPRAJA	B.Sc-B.Z.C.	Kalyan
16)	KALESHWARAM SRUJANAKUMARI	B.Sc-B.Z.C.	sutraja
	ALVAPALLY SAMMAKKA	B.Sc-B.Z.C.	K. Sujanakan
	CARAM SRILATHA	B.Sc-B.Z.C.	sammaka
	COMARAM RAMAKUMARI	B.Sc-B.Z.C.	sillatha
	OPIRI RAVALI	B.Sc-B.Z.C.	Ramakumag
	ADE BHEEMESWARI	B.Sc-B.Z.C.	Kavali
	ANKIDI SÜNIL	B.Sc-B.Z.C.	Shemeswari Sumeswari
	ANTHENA ANWESH	B.Sc-B.Z.C.	Serni
24 M	IATTI AKHILA	B.Sc-B.Z.C.	downsh
25 M	OHAMMED NASREEN BEGUM		tkhila
26 N/	ALI ARUNKUMAR	B.Sc-B.Z.C. B.Sc-B.Z.C.	(Nostein

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Grading System



Certificate Course in Sericulture (Rearing Silkworm) GOVERNMENT DEGREE COLLEGE, ETURNAGRAM From: 03.02.2020 to 10.03.2020 (Class timing- 3.00pm to 4.00pm) Duration of the course- 28 Days

Organized by- Department of Zoology

The Department of Zoology has conducted certificate course in Sericulture for 28 days (28 Hours) from: 03.02.2020 to 10.03.2020 TIMINGS: 3.00PM to 4.00PM Total 26 students registered for course and successfully completed. The inaugural session of the course was presided over by Dr.B. Ramulu, Principal, GDC Eturnagaram. Assistant Professor of Zoology Mr. U. Swamy has involved in the certificate course as Course coordinator and Dr. G. Shiva Kumar., Dr. D. Bala Krishna and Dr. P. Suresh have rendered their services as resource persons during the certificate course from: 03.02.2020 to 10.03.2020, voluntarily to help the students and the department of Zoology. At the end of the course, Examination was conducted for 50 marks to assess the students and certificates distributed to them on the hands of the Principal Sri Dr. B. Ramulu in valedictory function.

Assessment Criterion

Marks Range	Grade	
41-50	A	
31-40	В	
21-30	c	

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Principal

Grading:

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	(Organized by- Department of Zo	ology.
	S.No.	Name of the student	Grade
	1	BATTU NAMRATHA	A
	2	BATTU RUCHITHA	B
	3	BATTU SHIRISHA	A
	4	BOLLE KOMALA	A
	5	DABBAGATLA ANAND	C
	6	DABBAGATLA BABU	8
	7	DANTHULURI SUSHMA	c
	8	EESAM KARUNASRI	A
	9	ELLENDULA RAM BABU	B
	10	GADDAM ROJA	A
	11	GUMMADI RAJITHA	A
	12	GUMMADI SANJEEV	A
	13	JADI NAGALAXMI	c
	14	JAGAJAMPULA KALYANI JAJJARI SUPRAJA	A C
	15	K. SRUJANAKUMARI	B
	17	KALVAPALLY SAMMAKKA	A
	18	KARAM SRILATHA	В
	19	KOMARAM RAMAKUMARI	8
	20	KOPIRI RAVALI	B
	21	MADE BHEEMESWARI	A
	22	MANKIDI SUNIL	A
	23	MANTHENA ANWESH	A
	24	MATTI AKHILA	A
01	25	MOHAMMED NASREEN BEGUM	A
Wharmi	26	NALI ARUNKUMAR	8

Model Certificate:





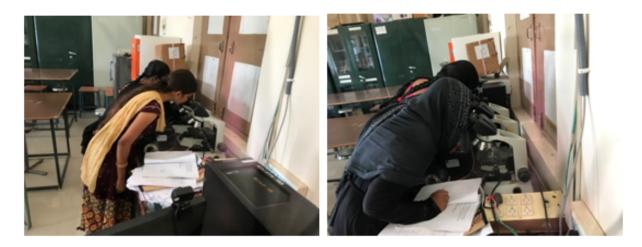


Field Study:





Practical Session:



Attendance:

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		26.02.2020	03.02.2020	02.03.2020	02.03.2020	03.03.2020	02.03.2020	04.03.2020	05.03.2020	06.03.2020	09.03.2020	10.03.2020	
1	BATTU NAMRATHA	p	p	p	p	p	р	р	p	p	р	p	
2	BATTU RUCHITHA	p	p	р	p	р	A	р	р	p	A	P	-
3	BATTU SHIRISHA	p	р	р	р	р	р	р	р	р	p	P	-
4	BOLLE KOMALA	р	р	р	р	p	p	A	р	р	p	р	-
5	DABBAGATLA ANAND	р	р	A	р	р	p	р	p	p	p	P	-
6	DABBAGATLA BABU	p	р	A	р	p	p	р	p	P	p	P	-
7	DANTHULURI SUSHMA	р	р	р	p	р	p	p	p	p	p	p	-
-	EESAM KARUNASRI	р	р	p	p	p	p	p	P	p	p	p	-
9	ELLENDULA RAM BABU	р	р	р	p	р	p	p	A	p	p	p	-
	GADDAM ROJA	р	p	р	р	р	р	p	p	p	p	p	_
	GUMMADI RAJITHA	A	p	р	р	р	p	p	p	p	p	-	-
12 0	GUMMADI SANJEEV	A	р	р	p	p	p	p	p	p	p	p	_
13 J	ADI NAGALAXMI	p	p	p	р	p	p	p	p	p	p	p	_
14 J/	AGAJAMPULA KALYANI	p	р	р	p	p	p	p	p	p	p	p	_
15 JA	AJJARI SUPRAJA	р	p	р	p	p	p	p	p	p	p	p	
16 K	ALESHWARAM SRUJANAKUMARI	p	p	р	p	p	p	p	p	p	p	p	
17 KA	ALVAPALLY SAMMAKKA	p	р	р	p	p	p	р	p	p	p	p	
18 KA	ARAM SRILATHA	p	р	р	p	p	p	p	p	p	p	p	
19 KO	MARAM RAMAKUMARI	p	р	р	p	p	p	р	p	p	p	p	
	PIRI RAVALI	p	р	p	p	р	p	p	p	p	A	p	
	ADE BHEEMESWARI	p	p	p	p	p	p	p	р	p	p	P	a pe
	ANKIDI SUNIL	p	p	p	p	p	p	p	p	p	p	F	p Thomas
	NTHENA ANWESH	p	p	p	p	p	p	p	p	p	p		p Touler
	TTI AKHILA	p	p	p	p	p	p	р	p	p	p		P PRINCIPAL
	HAMMED NASREEN BEGUM	p	p	A	p	p	A	p	p	F) p		Bevernment Degree Colleg
-	I ARUNKUMAR	p	p	p	p	p	p	p	p	F)	p Mulugu Dist-506165

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3 BATTU SHRINSHA p	p p	p	p			-	-		-		-		-	-	-	-			2 BATTU RUCHITHA
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DUABBAGATLA BABU p	p p	p	-	-	-	-		-	-	-				-		-	p		SIDABBAGATLA ANAND
/ DANTHULUR SUSHMA p	p A	r		-	1	-	-	-	-	-	-	-	-	-		-	p		6 DABBAGATLA BABU
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JELEEMOULA RAM BABU p A p	F F	-	1	-		-	-	-	-	-	-	-	-		_	F	p		
Digaduam Roja p <		1			-	P		-	-	-	-	-	_		P	A	p		9 ELLENDULA RAM BABU
11 GUMMADI RAITHA p	PP	1		-	-		-				1.	-			p	p	p		
12 GUMMADI SANJEEV p p p A p <td>P P</td> <td>-</td> <td></td> <td>-</td> <td></td> <td>-</td> <td>-</td> <td>-</td> <td></td> <td>-</td> <td>-</td> <td>p</td> <td>0</td> <td>r</td> <td>p</td> <td>p</td> <td>p</td> <td></td> <td></td>	P P	-		-		-	-	-		-	-	p	0	r	p	p	p		
13 JADI NAGALAXMI p </td <td>P 11</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td>p</td> <td>, ,</td> <td>5</td> <td>A</td> <td>p</td> <td>p</td> <td></td> <td></td>	P 11	-	-	-	-	-				-	-	p	, ,	5	A	p	p		
14 JAGAAAMPULA KALYANI p <td></td> <td>-</td> <td>1</td> <td>-</td> <td></td> <td>-</td> <td></td> <td>-</td> <td>-</td> <td></td> <td>D</td> <td>p</td> <td></td> <td>F</td> <td>p</td> <td>p</td> <td>p</td> <td></td> <td></td>		-	1	-		-		-	-		D	p		F	p	p	p		
15 JAJJARI SUPRAJA p	P P		-	1	-	-	-		-	-	-	0		F	p	p	p		
10 KALESHWARAM SRUJANAKUMARI p A p	P P	-	-	-	-	1	-	-	-	-	-	0	1	P	p	p	p		
17/KALVAPALLY SAMMAKKA p <td>p p p</td> <td>p</td> <td>-</td> <td></td> <td>-</td> <td>-</td> <td>-</td> <td></td> <td>-</td> <td>_</td> <td>-</td> <td>)</td> <td>- I</td> <td>p</td> <td>p</td> <td>A</td> <td>p</td> <td>1</td> <td>16 KALESHWARAM SRUJANAKUMARI</td>	p p p	p	-		-	-	-		-	_	-)	- I	p	p	A	p	1	16 KALESHWARAM SRUJANAKUMARI
18 KARAM SRILATHA p	p p p	p	p	-	-	-	-	r		-	-	_		D	p	p	P		
19 KOMARAM RAMAKUMARI p	p p r	p	p		-	-	-	-		_	-	_		D	p	p	p		
20 KOPIRI RAVALI p	PA	p	p	p	p	-	-	-	_	-	-	_			-	-	p		19 KOMARAM RAMAKUMARI
P P	p A	p	p	p	p	p	-	-		-	-	_		-	-	+	1		20 KOPIRI RAVALI
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3 MANTHENA ANWESH p	p p	p	p	p	p	p	р	р	-	_	-	-		-		-	<u> </u>		
A MATTI AKHILA p p A p p p p p p p p p p p p p p p p	p p	p	p	p	p	р	р	р	-	-	-	-			-				
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Certificate Distribution

