



TELANGANA TRIBAL WELFARE RESIDENTIAL
DEGREE COLLEGE (GIRLS), KOTHAGUDEM



Bhadradri Kothagudem District, Telangana State – 507101 (Affiliated to Kakatiya University,
Warangal, Telangana)

Website: <https://ttwrdds.ac.in/Kothagudem>

Department of zoology



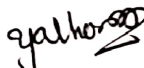
CERTIFICATE COURSE YEAR 2021-22

CERTIFICATE

The following faculty members and students are permitted to 30 days certificate course on "SERICULTURE", in the **TTWRDC GIRLS KOTHAGUDEM**, this **CERTIFICATE COURSE** has conducted daily 1 hours in the year 2021-22 by the department of zoology


Principal
T.W.R. Degree College (Girls)
Kothagudem 507 101
Bhadradi Kothagudem Dist

Head of the department

T. Yashodha - 
Head
Department of Zoology
TTWRDC (G), Kothagudem
Bhadradi Kothagudem Dist

TITTLE OF THE PROGRAM; --SERICULTURE

COURSE DURATION ; - 30 DAYS

CHIEF GUEST:-Smt.P. Rathnakumari

COURSE TYPE;-- NON CORE

DURATION:-30 DAYS

START DATE:- 01/02/2022

END DATE: -07/03/2022

EXAM DATE: -08/03/2022

OBJECTIVE OF THE PROGRAM: - SERICULTURE

The main objective of the programme is the intended to;

- Prepare the rural youth/farmers for accepting sericulture as Profit making enterprise
- Impact knowledge and technical skills in various aspects of sericulture
- Create awareness about the opportunities and employment is sericulture

BRIEFF DISCRPTION:-

· Department of zoology organized 30 days certificated course on "sericulture to the students of college .The Inaugural section of. This programme is designed and scheduled for 30 sections of 1 hours each daily from 4pm to 5pm .29 students are enrolled for the program. The

subsequent sessions are taken through offline mood after successful lectures of 30 sessions ,students as attended for return test.

Successful 15 students are given course completion certificate .

SERICULTURE SYLLABUS

UNIT 1: - Sericulture in India entrepreneurial opportunities in sericulture

UNIT 2:-Mulberry cultivation for south India non mulberry cultivation practices

UNIT 3:-Basic concepts incubation and silkworm rearing economics of sericulture

UNIT 4:-Mulberry diseases and pert management silkworm disease and pest management non- mulberry silkworm disease and their

Schedule (30 Days) of the programme

S.NO	DATE	TOPIC COVERED	LECTURER
1	01/02/22	Introduction	Md. Sadathunnisa
2	02/02/22	Basic concepts incubation	T.Yashoda
3	03/02/22	Mulberry cultivation	Md. Sadathunnisa
4	04/02/22	Mulberry cultivation	T.Yashoda
5	05/02/22	silkworm disease	T.Yashoda
6	07/02/22	Incubation of silkworm	Md. Sadathunnisa

7	08/02/22	Mulberry cultivation	T.Yashoda
8	09/02/22	silkworm disease	T.Yashoda
9	10/02/22	south India non mulberry cultivation practices	Md. Sadathunnisa
10	11/02/22	Mulberry diseases	T.Yashoda
11	12/02/22	Mulberry diseases	T.Yashoda
12	14/02/22	Mulberry diseases	Md. Sadathunnisa
13	15/02/22	pest management	T.Yashoda
14	16/02/22	pest management	Md. Sadathunnisa
15	17/02/22	pest management	T.Yashoda
16	18/02/22	Mulberry diseases	T.Yashoda
17	19/02/22	Mulberry diseases	Md. Sadathunnisa
18	21/02/22	Mulberry diseases	T.Yashoda
19	22/02/22	Mulberry diseases	T.Yashoda
20	23/02/22	Mulberry diseases	Md. Sadathunnisa
21	24/02/22	incubation and silkworm	T.Yashoda
22	25/02/22	incubation and silkworm	T.Yashoda
23	26/02/22	incubation and silkworm	Md. Sadathunnisa
24	28/02/22	entrepreneurial opportunities in sericulture	T.Yashoda
25	01/03/22	entrepreneurial opportunities in sericulture	Md. Sadathunnisa
26	02/03/22	entrepreneurial	T.Yashoda
27	03/03/22	Sericulture in India	Md. Sadathunnisa
28	04/03/22	Sericulture in India	T.Yashoda

29	05/03/22	Sericulture in India	T.Yashoda
30	07/03/22	Sericulture in India	Md. Sadathunnisa

ENROLLED STUDENTS NAMES:

S.NO	STUDENT NAME	GROUP
1	A.Mounika	B.A(JEP)
2	B.Indhu	B.A(JEP)
3	B.Raveena	B.A(JEP)
4	B.Dhamini	B.A(JEP)
5	B.Ikhitha	B.A(JEP)
6	Ch.Kavya	B.A(JEP)
7	Ch.Narsamma	B.A(JEP)
8	G.Jyothi	B.A(JEP)
9	G.Sravana Sandhya	B.A(JEP)
10	E.Sravani	B.A(JEP)
11	I.Vani	B.A(JEP)
12	J.Rani	B.A(JEP)
13	K.Bhavani	B.A(JEP)
14	K.sowjanya	B.A(JEP)
15	K.Varalaxmi	B.A(JEP)
16	K.Swathi	B.A(JEP)
17	M. Saritha	B.A(JEP)
18	M.Sathyavathi	B.A(JEP)
19	M.Swapna	B.A(JEP)
20	M.Sowjanya	B.A(JEP)
21	P.Prathyusha	B.A(JEP)
22	P.Kavya	B.A(JEP)
23	P.Sandhyarani	B.A(JEP)
24	P.Sruthi	B.A(JEP)
25	P.Swathibhavani	B.A(JEP)
26	S.Kavyasri	B.A(JEP)
27	S.Shailu	B.A(JEP)
28	T.Pavani	B.A(JEP)
29	V.Alekhya	B.A(JEP)

WRITTEN TEST:- STUDENTS ARE TESTED WRITTEN EXAMINATION IS CONDUCTED TO ISSUE COURSE COMPLETION CERTIFICATE.

WRITTEN TEST QUESTION PAPER

ANSWER THE FOLLOWING QUESTIONS 1×10=10M

1:- The process of rearing a silkworm for silk is known as []

- A: Agriculture
- B. Pisciculture
- C. Sericulture
- D. None of the above

2 A silkworm feed on

- A. Neem leaves
- B. Mulberry leaves
- C. Black berry leaves
- D. None of the above

3. A lot of feeding is required at the

- A. The silkworm stage
- B. Cocoon stage
- C. Egg stage
- D. Both (b) &(c)

4.The silkworm is a

- A. Caterpillar
- B. Larva
- C. Cocoon
- D. Both (a)and (b)

5. How many pairs glands develop ina cocoon

A. One B. Two C. Five D. None of the above

6. How many types of silk are there

A. Mulberry

B. Tasar silk

C. Eri silk

D. Muga silk

7. Which country is the largest producer of raw silk

A. Japan

B. India

C. China

D. South Korea

8. India occupies the _____ position in production of raw silk in the world

A. 2nd

B. 3rd

C. 4th

D. 5th

9. Maximum raw silk produced in India:

A. Bivoltine silk

B. Multivoltine silk

C. Univoltine silk

D. Trivoltine

10. Which state is the largest producer of the raw silk in India

A. Tamil nadu

B. Andra Pradesh

C. Karnataka

D. West Bengal

11. Which state is the leading raw silk producer in India

- A. Tamilnadu
- B. Karnataka
- C. Andrapradesh
- D. Westbengal

12. Which country is producing all the four commercial silk in the world

- A. India
- B. China
- C. South Korea
- D. Japan

13. Muga silk is produced only in

- A. India
- B. Bangladesh
- C. Pakistan
- D. Myanmar

14. Define sericulture

A. Sericulture is the science that deals with the production of raw silk by rearing silkworm

B. Silk culture

C. Silkworm rearing

D. The process in which the silk is produced

15. more than-----% of the raw silk production in India is mulberry silk

- A. 80%
- B. 87%
- C. 89%
- D. 77%

16. The scientific name of mulberry silkworm is

- A. *Bombyx mori*
- B. *Bombyx mandarina*
- C. *Bombyx rotund apex*
- D. *Bombyx in composita*

17. Silkworm undergoes -----moulting

- A. 2
- B. 3
- C. 4
- D. 5

18. ----- symptoms are intersegmental membranes of the body which become swollen and the silk becomes shiny

- A. Flacherie
- B. Muscardine
- C. Grasserie
- D. Pebrine

19. The average no. of eggs laid by mulberry silkworm is

- A. 300
- B. 400
- C. 450
- D. 500

20. What is the tropical tasar silkworm reared in India

- A. *Antheraea pernyi*

B.Anthereaemylitta

C.Anthereaeyamai

D.Anthereaeproylei

RESULT OF STUDENTS:

S.NO	STUDENT NAME	GROUP	GRADE
1	A.Mounika	B.A(JEP)	A
2	B.Indhu	B.A(JEP)	A
3	B.Raveena	B.A(JEP)	B
4	B.Dhamini	B.A(JEP)	B
5	B.likhitha	B.A(JEP)	A
6	Ch.Kavya	B.A(JEP)	A
7	Ch.Narsamma	B.A(JEP)	A
8	G.Jyothi	B.A(JEP)	B
9	G.Sravana Sandhya	B.A(JEP)	C
10	E.Sravani	B.A(JEP)	A
11	I.Vani	B.A(JEP)	A
12	J.Rani	B.A(JEP)	B
13	K.Bhavani	B.A(JEP)	B
14	K.sowjanya	B.A(JEP)	C
15	K.Varalaxmi	B.A(JEP)	A
16	K.Swathi	B.A(JEP)	A
17	M. Saritha	B.A(JEP)	A
18	M.Sathyavathi	B.A(JEP)	B
19	M.Swapna	B.A(JEP)	A
20	M.Sowjanya	B.A(JEP)	A
21	P.Prathyusha	B.A(JEP)	A
22	P.Kavya	B.A(JEP)	B
23	P.Sandhyarani	B.A(JEP)	A
24	P.Sruthi	B.A(JEP)	A
25	P.Swathibhavani	B.A(JEP)	B
26	S.Kavyasri	B.A(JEP)	A
27	S.Shailu	B.A(JEP)	A

28	T.Pavani	B.A(JEP)	B
29	V.Alekhya	B.A(JEP)	A

TTWRDC (G) KOTHAGUDEM

NAME OF THE DEPARTMENT

Zoology

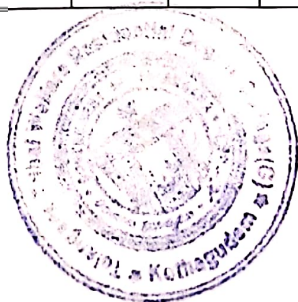
LECTURER SIGN SHEET


Seiculture

S.NO	NAME OF THE LECTURER	DATE	1	2	3	4	5	6	7	8	9	10
			1/2/22	2/2/22	3/2/22	4/2/22	5/2/22	7/2/22	8/2/22	9/2/22	10/2/22	11/2/22
1.	T. Yashodha		Yash		Yash		Yash		Yash		Yash	
2.	md-Sadath			*		*		*		*		*

S.NO	NAME OF THE LECTURER	DATE	1	2	3	4	5	6	7	8	9	10
			12/2/22	14/2/22	15/2/22	16/2/22	17/2/22	18/2/22	19/2/22	21/2/22	22/2/22	23/2/22
1.	T. Yashodha		Yash		Yash		Yash			Yash	Yash	
2.	md-Sadath			*		*		*	*			*

S.NO	NAME OF THE LECTURER	DATE	1	2	3	4	5	6	7	8	9	10
			24/2/22	25/2/22	26/2/22	28/2/22	01/3/22	2/3/22	3/3/22	4/3/22	5/3/22	7/3/22
1.	T. Yashodha			Yash		Yash		Yash		Yash		Yash
2.	md-Sadath		*		*		*		*		*	




 Principal
 TTWR Degree College (Girls),
 Kothagudem-507 118
 Bhadradi Kothagudem Di.



**TELANGANA TRIBAL WELFARE RESIDENTIAL
DEGREE COLLEGE (GIRLS) Kothagudem
(Affiliated to Kakatiya University, Warangal)**



CERTIFICATE COURSE

This Certificate is awarded to Name of the student. ch. Narsamma
TTWRDC (G) KOTHAGUDEM for her excellent performance in the Certificate course ON
“**Sericulture**” organized by Dept. of Zoology TTWRDC(Girls), KOTHAGUDEM
(Affiliated to Kakatiya University) on 2021-2022


Head of the Dept


vice-principal


Principal

TTWR Degree College (Girls),
Kothagudem-507 11S
Bhadradra