

STSN GOVT DEGREE COLLEGE, KADIRI

SRI SATHYA SAI DISTRICT,AP

DEPARTMENT OF SERICULTURE



Certificate course

ON

PACKAGE OF PRACTICES IN SERICULTURE

RESOLUTION

It is resolved that the department of *Sericulture* unanimously decided to conduct a 30 days certificate course in ‘ **Package of practices in sericulture**’ for the first year BSC[CZS] Students of this college ,the course schedule will be 01-12-2021 to 07-01-2022.After successful completion of course for both theory &Practical and distribution of Certificates to the students. The course syllabus is attached to this copy.

Department of Sericulture

M. Sathoshikumar
B. Suvitha

From

Department of Computer Science
STSN Govt Degree College
Kadiri-515 591

To

The Principal
STSN Govt Degree College
Kadiri-515 591

Subject: Request for Permission to Conduct Certificate Course in *Package of Practices in Sericulture* Respected Madam,

I trust this letter finds you well. I am writing to seek permission to conduct a certificate course in *Package of Practices in Sericulture*. As this process in this course may be useful for students will get more knowledge about mulberry cultivation, silworm rearing & self employment and income generation

Course Details

Course Name: *Package of practices in sericulture*

Duration: 30 Days


Group: II CZS

Course Content:

We kindly request your approval for the proposed certificate course. We are more than willing to provide any additional information or address any concerns you may have. Your support in this endeavor is highly valued, and we believe it will significantly enhance the educational offerings at STSN GDC, Kadiri.

Thank you for considering our request. We look forward to your positive response.

Your's Sincerely


PRINCIPAL
STSN Govt. DEGREE COLLEGE
KADIRI - 515 591
Dist. Kadapa, Andhra Pradesh

M. Sauthoshikumar
B. Sunita

CIRCULAR

29-10-2021

This is to inform that the Department of Sericulture is going to conduct a Certificate course in *Package of Practices in Sericulture*. As this process in this course may be useful for students will get more knowledge about mulberry cultivation, silworm rearing & self employment and income generation. This course may be useful for students will get more knowledge about. In this regard enroll their names in the Department of Sericulture on or before 30.11.2021.

Department of Sericulture

Course Details

Course Name: *Package of practices in sericulture*

Duration: 30

Group: II CZS

Course Content:

- Preparation of Mulberry Nursery
- Raising of Mulberry
- Mulberry Nursery Management

M. Sauthoshikumar
B. Sunitha

DEPARTMENT OF SERICULTURE

CERTIFICATE COURSE IN PACKAGE OF PRACTICES IN SERICULTURE

OBJECTIVES:

- To introduce the concepts of origin, growth, study of sericulture as science.
- To understand the scientific approach of mulberry.
- To imparting training in mulberry cultivation, silkworm rearing.
- To give scientific knowledge about mulberry cultivation , silkworm rearing techniques to the students.
- To make the students aware about soil to soil concept, sericulture extention and innovation/techniques
- To train the students in comprehensive value added products production techniques
- To make the students understand about various value added products prepared from different wastes generated during various stages of sericulture.
- To provide hands –on training in the preparation of value added products from sericulture wastes obtained during various stages of silk production.

Activities:

- Mulberry cultivation practices in mulberry garden.
- Disinfection of rearing house.
- Chawki rearing .
- Preparation of valued added products i.e mulberry jam preparation, preparation of cocoon hand crafts etc.
- Visiting of mulberry cultivation and silkworm rearing centres.

OUTCOME

After successful completion of this course the student is will be able to

- Apply knowledge and skills of “Package of Practices in Sericulture”.
- Study of introduction of origin and growth and study of sericulture as science.
- Study of scope of mulberry cultivation.

Students got experience in different kinds of activities in mulberry cultivation

DEPARTMENT OF SERICULTURE
PROGRAMME::CERTIFICATE COURSE
COURSE- PACKAGE OF PRACTICES IN SERICULTURE

Unit-I MORICULTURE:-

Introduction and scope of mulberry cultivation- Ecological requirements, land preparation, selection and propagation of mulberry varieties , plantation, irrigation, application of manures, fertilizers , weeding , pruning, harvesting of mulberry .

Unit-II SILKWORM REARING:-

Introduction of silkworm rearing-Rearing house Rearing apparatus, disinfection of rearing house -Chawki & late age rearing, environmental conditions In silkworm rearing house,
Feeds of silkworms, Bed cleaning ,Bed disinfectants, Moulting and Mounting , spinning and harvesting of cocoons

Unit-III VALUE ADDITION IN SERICULTURE:-

General account of by products-value added products of mulberry, value added products of cocoon , value added products of silk.

S.NO	DATE/DAY	TOPICS COVERED	Hour
1	01/11/2022	Introduction and scope of Sericulture	1
2	02/11/2022	Introduction of package of practices in mulberry Cultivation	1
3	03/11/2022	Selection of ecological requirements, Land & site selection	1
4	04/11/2022	Preparation of land	1
5	06/11/2022	propagation of mulberry	1
6	07/11/2022	Plantation,	1
7	08/11/2022	Irrigation	1
	09/11/2022	application of manures, fertilizers	1
9	10/11/2022	pruning, of mulberry	1
10	13/11/2022	harvesting of mulberry	1
11	14/11/2022	Introduction of silkworm rearing	1
12	15/11/2022	Types of Rearing house	1
13	16/11/2022	Rearing apparatus	1
14	17/11/2022	Disinfection of rearing house	1
15	18/11/2022	Chawki & late age rearing	1
16	20/11/2022	environmental conditions In silkworm rearing house	1
17	21/11/2022	Feeds of silkworms	1
18	22/11/2022	Bed cleaning ,Bed disinfectants	1
19	23/11/2022	Moulting	1
20	24/11/2022	Mounting	1
21	25/11/2022	spinning and harvesting of cocoons	1
22	27/11/2022	Value Addition In Sericulture	1
23	28/11/2022	General account of by products	1
24	29/11/2022	value added products of mulberry	1
25	30/11/2022	Mulberry Leaf and Fruit Recepties	1
26	03/01/2023	value added products of cocoon	1
27	04/01/2023	Bio Crafts	1
28	05/01/2023	value added products of silk	1
29	06/01/2023	Group discussion on Sericulture	1
30	07/01/2023	Certificate distribution	1

STUDENT REGISTRATION FORM:BSc-CZS(VI Semester)

S.No	Register	Number	Name of the Student	Remarks
1	2042005081001		A. Siri Chandana	Certificate Issued
2	2042005081002		B.Sai Kiran	Certificate Issued
3	2042005081004		B.Hemanth Kumar Reddy	Certificate Issued
4	2042005081005		B.Venkatramana	Certificate Issued
5	2042005081007		B.Satheeshkumar Naik	Certificate Issued
6	2042005081009		D Mohan Das	Certificate Issued
7	2042005081011		Gangamolla Anil	Certificate Issued
8	2042005081012		H D Akshatha	Certificate Issued
9	2042005081013		H Mahanthesh	Certificate Issued
10	2042005081014		K. Reddisekhar	Certificate Issued
11	2042005081015		K Anil	Certificate Issued
12	2042005081016		K.Raju	Certificate Issued
13	2042005081017		K Narayana Swamy	Certificate Issued
14	2042005081020		K.Jagadeesh	Certificate Issued
15	2042005081021		M. Nowziya	Certificate Issued
16	2042005081022		M. Jagadeesh	Certificate Issued
17	2042005081023		M. Sruthi	Certificate Issued
18	2042005081024		M. Rajani	Certificate Issued
19	2042005081025		M. Tejaswini	Certificate Issued
20	2042005081026		M. Narendra	Certificate Issued
21	2042005081027		M. Balaji Naik	Certificate Issued
22	2042005081028		M. Nagendra Naik	Certificate Issued
23	2042005081030		N. Gayathri	Certificate Issued
24	2042005081035		S. Chandrakala	Certificate Issued
25	2042005081036		S. Narasimha	Certificate Issued
26	2042005081037		T. Akhil	Certificate Issued
27	2042005081038		T. Prathibha	Certificate Issued
28	2042005081039		V. Vijay Kumar Naik	Certificate Issued
29	2042005081040		V. Subramanyam	Certificate Issued
30	2042005081041		V.Haresh	Certificate Issued

DEPARTMENT OF SERICULTURE
Signature List

S.No	Register Number	Name of the Student	Signature
1	2042005081001	Asadi Siri Chandana	A. Sri Chandana
2	2042005081002	Badam Sai Kiran	B. Sai Kiran
3	2042005081004	Bandaarla Hemanth Kumar Reddy	B. Hemanth Kumar
4	2042005081005	Bandameeda Venkatramana	B. Venkatramana
5	2042005081007	Bhukya Satheeshkumar Naik	B. Satheeshkumar
6	2042005081009	D Mohan Das	D. Mohandas
7	2042005081011	Gangamolla Anil	G. Anil
8	2042005081012	H D Akshatha	H.D. Akshatha
9	2042005081013	H Mahanthesh	H. Mahanthesh
10	2042005081014	Kamatham Reddisekhar	K. Reddisekhar
11	2042005081015	K Anil	K. Anil
12	2042005081016	Kavvaiah Gari Raju	K. Raju
13	2042005081017	K Narayana Swamy	K. Narayana Swamy
14	2042005081020	K. Jagadeesh	K. Jagadeesh
15	2042005081021	M. Nowziya	M. Nowziya
16	2042005081022	M. Jagadeesh	M. Jagadeesh
17	2042005081023	M. Sruthi	M. Sruthi
18	2042005081024	M. Rajani	M. Rajani
19	2042005081025	M. Tejaswini	M. Tejaswini
20	2042005081026	M. Narendra	M. Narendra
21	2042005081027	M. Balaji Naik	M. Balaji Naik
22	2042005081028	M. Nagendra Naik	M. Nagendra Naik
23	2042005081030	N. Gayathri	N. Gayathri
24	2042005081035	S. Chandrakala	S. Chandrakala
25	2042005081036	S. Narasimha	S. Narasimha
26	2042005081037	T. Akhil	T. Akhil
27	2042005081038	T. Prathibha	T. Prathibha
28	2042005081039	V. Vijay Kumar Naik	V. Vijay Kumar Naik
29	2042005081040	V. Subramanyam	V. Subramanyam
30	2042005081041	Vetti Haresh	V. Haresh

STSN GOVT DEGREE & P.G.COLLEGE, KADIRI,
DEPARTMENT OF SERICULTURE
ASSEMENT EVALUATION FOR CERTIFICATE COURSE

TIME : 2hrs
MARKS: 50.

I Answer any Four of the following question?

4x5=20Mark

1. Mulberry genotypes
2. Plantation methods of Mulberry
3. Chawki Rearing
4. Types Of Rearing Houses
5. Mulberry Leaf Recipes

II Answer any Three of the following question?

3x10=30 Marks

1. Explain Propagation Methods of Mulberry ?
2. Write Note on Disinfection of Rearing house and Apparatus?
3. Writ about Preparation of Mulberry Jam?
- 4.Explain preparation of Cocoon Crafts?

FEEDBACK FROM PARTICIPANTS

Name of the activity: Package of Practices in Sericulture

Date: 07-01-2022

Name of the participant: B. Venkata Ramana

Class: VI Semester BSc CZS

Phone No. 8688895092

1. How would you rate the quality of the presentations and demonstrations during the event?

- Excellent
- Very Good
- Good
- Satisfactory

2. What was your level of satisfaction about the activity?

- Excellent
- Very Good
- Good
- Satisfactory

3. Please rate your overall knowledge level about the topics covered before attending the session.

- Excellent
- Good
- Fair
- Poor

4. Please rate your overall knowledge level about the topics covered after attending the session.

- Excellent
- Good
- Fair
- Poor

5. Please write your suggestions / observations for improvement of the programme

Happy learning and I learned skills of Sericulture industry and how to cultivate mulberry garden, how to raising silkworms to produce cocoon. I know the value addition in Sericulture.



STSN GOVT.DEGREE COLLEGE, KADIRI

DEPARTMENT OF SERICULTURE


CERTIFICATE COURSE COMPLETION

*This is to certify that Mr/Miss/A.SIRICHANDANA has successfully completed 35 days Certificate course in the Department of **SERICULTURE** and has been awarded. day of JANUARY-26 in the year 2023 He/she is conferred the following award*

Authorized Signatory

Principal

M. Sauthoshikumar
B. Sunitha


PRINCIPAL
STSN Govt. DEGREE COLLEGE
KADIRI - 515 591
Dist. Channarayana

Activities





- Study of difference between chawki rearing and late age rearing.
- Students observed new methods of silkworm rearing-shoot , shelf, tray rearing.



- Study of additional income from by- products.

- Study of value added products in mulberry sector, silkworm rearing sector and silk reeling sector.

Preparation of mulberry jam



Cocoon handicrafts



- Students will be able to identify different types of sericulture wastes.

Vermicompost preparation



- Apply this knowledge to their future studies and how to learn self employment and earn income in sericulture.



Interacting with sericulture farmers and learning about selfemployment in sericulture



