

NTR GOVT DEGREE COLLEGE FOR WOMEN MAHABUBNAGAR

CHOICE BASED CREDIT SYSTEM (CBCS) 2021-22

DEPARTMENT OF ZOOLOGY

CERTIFICATE COURSE

SERICULTURE

Course : B.Sc.  
Semester-VI

Periods: 30.

Subject Code : CE-001  
No. of Hours Allotted: 2 Hrs/week  
No. of Credits: 2  
Max Marks: 50

UNIT-I Introduction to Sericulture: (10 Periods)

- 1.1. History of Sericulture, Scope and present status of Sericulture in India
- 1.2. Types of Silk worms (Mulberry, Tassar, Eri & Muga), Types of host plants
- 1.3. Mulberry cultivation

UNIT-II Silk worm Rearing: (10 Periods)

- 2.1. Life cycle of Silk worm, Morphology and anatomy of Silk glands
- 2.2. Rearing methods of Mulberry silk worms
- 2.3. Properties and composition of Silk

UNIT-III Diseases of Silk worms: (10 Periods)

- 3.1. Influence of biotic and abiotic factors on the incidence of diseases
- 3.2. Diseases of *Bombyx mori* and *Philosamia ricini* - (Viral, Bacterial and Fungal), Prevention and Control measures.
- 3.3. Pest management in Sericulture.

Academic Year 2021-2022

Reg. No \_\_\_\_\_

NTR GOVT DEGREE COLLEGE FOR WOMEN MAHABUBNAGAR

(Affiliated to Palamuru University)

DEPARTMENT OF ZOOLOGY

Certificate Course on "SERICULTURE"

Candidate Registration Form

Name of the candidate :- *Edulla Sushma Sri Reddy*

Hall ticket No :- *19033020345012*

Father's Name :- *Edulla Vijaya Mohan Reddy*

Faculty :-

Course :- *BSc (BZCA)*

Semester & Year :- *VI - Final year*

Postal Address :- *S-5-32/A, Dhanalaxmi colony, MISHUR-509001*

No. of Certificate courses

Already completed :- *Two (Computer and Typing)*

Mobile No :- *7013396016*

*S. S. S.*  
In-Charge  
Dept. of Zoology



*R. S. S.*  
PRINCIPAL

# NTR GOVT. DEGREE COLLEGE FOR WOMEN

(Accredited by NAAC 'B' Grade)

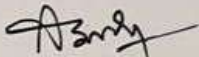
MAHABUBNAGAR - TELANGANA.




DEPARTMENT OF ZOOLOGY

## Certificate of Appreciation

This is to certify that Mr / Ms. Edulla Sushma Sai Reddy  
S/o, D/o. Vijaya mohan Reddy..... Class. B.Z. CA..... Roll No. 19033030345012  
has successfully completed the Certificate course in **Sericulture** conducted from 02-05-2022  
to 01-06-2022 with "A"..... grade.

  
**Sri B. MADHUSUDHAN**  
Lecturer in Zoology  
Course Coordinator

  
**Smt. G. SWATHI**  
Incharge Dept of Zoology

  
**Dr. K. PADMAVATHI**  
PRINCIPAL

