



VIDYABHARTI SANSTHA, WARDHA.
DR. R. G. BHOYAR ARTS, COMMERCE & SCIENCE COLLEGE
MOHANAPUR, TH-SELOO DIST-WARDHA 442104
(FORMERLY VIDYABHARTI COLLEGE)
Affiliated To Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.
NAAC Accredited with B+ Grade
College Index : (Sr.-699) (Jr.07.08.006)

Contact: 07155299036

Website: vbcseloo.org

Email: vidyabharti868@gmail.com

Academic year	2021-22
Name of Activity	Certificate course in Sericulture
Organised by	Department of Zoology, Dr. R. G. Bhoyar Arts, Comm. And Science College, Seloo, Dist Wardha
Organizing unit/agency/collaborating agency	-
Number of students	15
Permission letter	Attached
Syllabus	Attached
Time table	Attached
Photos	Attached
Certificate copy	Attached
Attendance list	Attached
Feedback form	Attached
Brief report	<p>During this session 2021-22, classes for Certificate course in Sericulture started from 15th of July 2021 to 15th January 2022 on every Friday and Saturday in morning 8am to 10 am. The number of students admitted for this course were 15 from B.Sc. final year. For practical sessions students visit was organised to the farmer's field intermittently.</p> <p>During this session the students of Certificate course visited to the Sericulture farm situated in Tahasil Seloo (Ghorad), Dist. Wardha. The Sericulture farmer Mr. Viki Mahure explained in detail about all the methods, schedule and techniques to be followed in Sericulture. On the day of visit of students, Viki Mahure had harvested 1.48 tan of cocoons. He also demonstrated the harvesting of cocoons from 'Chandrika' and explained for identification of defective or double cocoons. Students learned most of the techniques of sericulture in detail.</p>




PRINCIPAL
Dr. R. G. Bhoyar Arts, Comm.
& Sci. College, SELOO



Students observed the rearing facility at Mr. Viki Mahure's (farmer) field



Students observing the spinning process of cocoon formation by silkworms at farmer's field



[Signature]
PRINCIPAL
Dr. R. G. Bhojar Arts, Comm.
& Sci. College, SELOO

To,

The Principal,

Dr. R. G. Bhoyar Arts, Comm. and

Science College, Seloo


Dist. Wardha

Subject – Permission for running the six-month course, 'Certificate course in Sericulture' during the session 2021-2022.

Resp Sir,

I undersigned, Dr. Karuna P. Ganvir, Assistant Professor, Department of Zoology of your college, want your permission for running the six-month course, 'Certificate Course in Sericulture' for the session 2021- 2022 onwards. I hope you will kindly approve and give the permission for this course.

Thank you.


PRINCIPAL
Dr. R. G. Bhoyar Arts, Comm.
& Science College, SELOO


Your Obedient

Dr. Karuna P. Ganvir



Dr. R. G. Bhoyar Arts, Comm. and Science College, Seloo, Dist Wardha

SYLLABUS FOR CERTIFICATE COURSE IN SERICULTURE

Session 2021-2022

PAPER I (Moriculture and Silkworm Biology)

Unit I - Introduction to Sericulture

- 1.1 History and present status
- 1.2 Silkworm types, host plants
- 1.3 Silk production of mulberry and non-mulberry sericulture in India.
- 1.4 Recent trends in Sericulture. Modernization of culture practices high yielding hybrid races of silkworm.

Unit II - Moriculture

- 2.1 Mulberry Plantation and management
- 2.2 Mulberry varieties
- 2.3 Mulberry diseases and control
- 2.4 Mulberry pests and control

Unit III Silkworm Biology

- 3.1 Silkworm life cycle
- 3.2 Egg, larva, pupa and adult Morphology
- 3.3 Anatomy of Larva
- 3.4 Silk gland

Unit IV Silkworm Pests and diseases

- 4.1 Pebrine, Grasserie, Flacherie, Muscardine, symptoms and control
- 4.2 Use of disinfectants
- 4.3 Insect pests and control
- 4.4 Vertebrate pests and control



PAPER II (Silkworm rearing and Marketing)

Unit I - Rearing house and equipment

- 1.1 Rearing house (model and thatched roof)
- 1.2 Rearing equipment
- 1.3 Disinfection of rearing house
- 1.4 Disinfection of rearing equipment

Unit II - Rearing methods

- 2.1 Brushing
- 2.2 Early age rearing
- 2.3 Late age rearing
- 2.4 Feeding schedule during rearing and artificial diet

Unit III - Harvesting and preservation of cocoons

- 3.1 Harvesting of cocoons, methods
- 3.2 Types of preservation of cocoons
- 3.3 Stifling
- 3.4 Reeling methods


Unit IV - Marketing

- 4.1 Gradation of cocoons and yarn
- 4.2 Marketing of multivoltine, bivoltine and hybrid cocoons
- 4.3 Cost and production of rearing
- 4.4 Indian and international market

Practical

1. Identification of Mulberry varieties
2. Preparation of land for mulberry sowing
3. Methods of pruning
4. Management of plantation and use of fertilizers
5. Field collection of diseases and pests of mulberry
6. Disinfection of rearing house
7. Rearing of silkworm
8. Cocoon harvesting
9. Reeling
10. Preparation of life cycle of silkworm
11. Study tour


PRINCIPAL
Dr. R. G. Bhojar Arts, Comm.
& Science College, SELOO


Convener of the Course

(Dr. K. P. Ganvi)




**Dr. R. G. Bhoyar Arts, Comm. and Science College, Seloo, Dist
Wardha**


CERTIFICATE COURSE IN SERICULTURE

Time Table Session 2021-22

Days	Periods	Time
Friday	Theory	8 am to 10 am
Saturday	Theory	8 am to 10 am
According to rearing schedule	Practical	-




PRINCIPAL
Dr. R. G. Bhoyar Arts, Comm.
& Science College, SELOO


Convener of the Program
(Dr. K. P. Ganvi)



Vidyabharti Sanstha, Wardha

Dr. R. G. Bhojar Arts, Comm. and Science College, Seloo, Dist Wardha

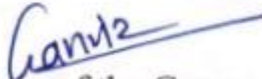
NAAC Accredited 'B+'

Six-month course

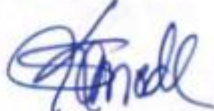
'CERTIFICATE COURSE IN SERICULTURE'

This is to certify that Miss/Mr. _____

of class _____ has successfully completed the six-month course, '**Certificate course in Sericulture**', conducted by Department of Zoology of our college during the session 2021-2022.


Convener of the Course
Dr. Karuna P. Ganvir
Assistant Professor
Dept. of Zoology




Principal
Dr. Sanjay S. Kanode

Dr. R. G. Bhojar Arts, Commerce and Science College, Seloo, Dist. Wardha
Department of Zoology
Certificate Course in Sericulture
Students Attendance (2021-22)

Name of Student	Signature of Students							
	16/07/21	17/07/21	23/07/21	24/07/21	30/07/21	31/07/21	6/08/21	7/08/21
1 Pragati Sanjayrao Nikode	P.S. Nikode	P.S. Nikode	P.S. Nikode	P.S. Nikode	P.S. Nikode	P.S. Nikode	P.S. Nikode	P.S. Nikode
2 Pornima Bandu Deolikar	P. Deolikar	P. Deolikar	P. Deolikar	P. Deolikar	P. Deolikar	P. Deolikar	P. Deolikar	P.S. Nikode AB
3 Nisha Dnyaneshwar Dharmul	AB	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul
4 Kiran Purushottam Parate	K. Parate	K. Parate	K. Parate	K. Parate	K. Parate	AB	K. Parate	K. Parate
5 Nisha Pramodraoji Zade	N. Zade	N. Zade	N. Zade	N. Zade	N. Zade	N. Zade	N. Zade	N. Zade
6 Ruchika Subhashrao Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke
7 Sanjana Ramaji Wandile	AB	S. Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile	AB	S. Wandile



[Handwritten signature]

8	Utkarsha Kishorroao Zore	<u>U.K.Zore</u>	<u>U.K.Zore</u>	<u>U.K.Zore</u>	<u>U.K.Zore</u>	<u>U.K.Zore</u>	<u>U.K.Zore</u>	<u>U.K.Zore</u>	<u>U.K.Zore</u>
9	Utkarsha Umesh Lende	<u>U.Lende</u>	<u>U.Lende</u>	<u>U.Lende</u>	<u>U.Lende</u>	<u>U.Lende</u>	<u>U.Lende</u>	<u>U.Lende</u>	<u>U.Lende</u>
10	Suraj Ramesh Zamare	<u>S.R.Zamare</u>	<u>S.R.Zamare</u>	<u>S.R.Zamare</u>	<u>S.R.Zamare</u>	<u>S.R.Zamare</u>	<u>S.R.Zamare</u>	<u>S.R.Zamare</u>	<u>S.R.Zamare</u>
11	Vaishnavi Sunil Kawalkar	<u>V.S.Kawalkar</u>	<u>V.S.Kawalkar</u>	<u>V.S.Kawalkar</u>	<u>V.S.Kawalkar</u>	<u>V.S.Kawalkar</u>	<u>V.S.Kawalkar</u>	<u>V.S.Kawalkar</u>	<u>V.S.Kawalkar</u>
12	Sonali Suresh Zade	<u>S.Zade</u>	<u>S.Zade</u>	<u>S.Zade</u>	<u>S.Zade</u>	<u>S.Zade</u>	<u>S.Zade</u>	<u>S.Zade</u>	<u>S.Zade</u>
13	Ankita Gajanan Jachak	<u>AJ</u>	<u>AJ</u>	<u>AJ</u>	<u>AJ</u>	<u>AJ</u>	<u>AJ</u>	<u>AJ</u>	<u>AJ</u>
14	Karishma Ravichandraji Patil	<u>K.Patil</u>	<u>K.Patil</u>	<u>K.Patil</u>	<u>K.Patil</u>	<u>K.Patil</u>	<u>K.Patil</u>	<u>K.Patil</u>	<u>K.Patil</u>
15	Pawan Rambhauji Kantode	<u>P.R.Kantode</u>	<u>P.R.Kantode</u>	<u>P.R.Kantode</u>	<u>P.R.Kantode</u>	<u>P.R.Kantode</u>	<u>P.R.Kantode</u>	<u>P.R.Kantode</u>	<u>P.R.Kantode</u>



P.R.Kantode
PRINCIPAL
Dr. R. G. Bhoyar Arts, Comm.
& Science College, SELOO

	Name of Student	Signature of Students							
		13/08/21	14/08/21	20/08/21	21/08/21	27/08/21	28/08/21	3/09/21	4/09/21
1	Pragati Sanjayrao Nikode	P.S. Nikode	P.S. Nikode	P.S. Nikode	P.S. Nikode	P.S. Nikode	P.S. Nikode	P.S. Nikode	P.S. Nikode
2	Pornima Bandu Deolikor	P. Deolikor	P. Deolikor	P. Deolikor	P. Deolikor	P. Deolikor	P. Deolikor	P. Deolikor	P. Deolikor
3	Nisha Dnyaneshwar Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	AB	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul
4	Kiran Purushottam Parate	K. Parate	K. Parate	K. Parate	K. Parate	K. Parate	K. Parate	K. Parate	K. Parate
5	Nisha Pramodraoji Zade	N. Zade	N. Zade	N. Zade	N. Zade	N. Zade	N. Zade	N. Zade	N. Zade
6	Ruchika Subhashrao Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke
7	Sanjana Ramaji Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile
8	Utkarsha Kishorao Zore	U. Zore	U. Zore	U. Zore	U. Zore	U. Zore	U. Zore	U. Zore	U. Zore
9	Utkarsha Umesh Lende	U. Lende	U. Lende	AB	U. Lende	U. Lende	U. Lende	AB	U. Lende



10	Suraj Ramesh Zamare	<u>Szame</u>	<u>Szame</u>	<u>Szame</u>	<u>Szame</u>	<u>Szame</u>	<u>Szame</u>	<u>Szame</u>	<u>Szame</u>
11	Vaishnavi Sunil Kawalkar	<u>V.S. Kavalakar</u>	<u>V.S. Kavalakar</u>	<u>V.S. Kavalakar</u>	<u>V.S. Kavalakar</u>	<u>V.S. Kavalakar</u>	<u>V.S. Kavalakar</u>	<u>V.S. Kavalakar</u>	<u>V.S. Kavalakar</u>
12	Sonali Suresh Zade	<u>Szade</u>	<u>Szade</u>	<u>Szade</u>	<u>Szade</u>	<u>Szade</u>	<u>Szade</u>	<u>Szade</u>	<u>Szade</u>
13	Ankita Gajanan Jachak	<u>AG</u>	<u>AG</u>	<u>AG</u>	<u>AG</u>	<u>AG</u>	<u>AG</u>	<u>AG</u>	<u>AG</u>
14	Karishma Ravichandraji Patil	<u>Kpatil</u>	<u>Kpatil</u>	<u>Kpatil</u>	<u>Kpatil</u>	<u>Kpatil</u>	<u>Kpatil</u>	<u>Kpatil</u>	<u>Kpatil</u>
15	Pawan Rambhauji Kantode	<u>P.R. Kantode</u>	<u>P.R. Kantode</u>	<u>P.R. Kantode</u>	<u>P.R. Kantode</u>	<u>P.R. Kantode</u>	<u>P.R. Kantode</u>	<u>P.R. Kantode</u>	<u>P.R. Kantode</u>




Dr. R. G. Bhojar
PRINCIPAL
 Dr. R. G. Bhojar Arts, Comm.
 & Science College, SELOO

	Name of Student	Signature of Students							
		10/09/21	11/09/21	17/09/21	18/09/21	24/09/21	25/09/21	1/10/21	2/10/21
1	Pragati Sanjayrao Nikode	P.S. Nikode	P.S. Nikode	P.S. Nikode	P.S. Nikode	P.S. Nikode	P.S. Nikode	P.S. Nikode	P.S. Nikode
2	Pornima Bandu Deolikor	P. Deolikor	P. Deolikor	P. Deolikor	P. Deolikor	P. Deolikor	P. Deolikor	AB	P. Deolikor
3	Nisha Dnyaneshwar Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul
4	Kiran Purushottam Parate	K. Parate	K. Parate	K. Parate	K. Parate	K. Parate	K. Parate	K. Parate	K. Parate
5	Nisha Pramodraoji Zade	N. Zade	N. Zade	N. Zade	N. Zade	N. Zade	N. Zade	N. Zade	N. Zade
6	Ruchika Subhashrao Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke
7	Sanjana Ramaji Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile
8	Utkarsha Kishorrao Zore	U. Zore	U. Zore	U. Zore	AB	U. Zore	U. Zore	U. Zore	U. Zore
9	Utkarsha Umesh Lende	U. Lende	U. Lende	U. Lende	U. Lende	U. Lende	U. Lende	U. Lende	U. Lende



10	Suraj Ramesh Zamare	S. Zamare	S. Zamare	S. Zamare	S. Zamare	S. Zamare	S. Zamare	AB	S. Zamare.
11	Vaishnavi Sunil Kawalkar	V.S. Pawalkar	V.S. Pawalkar	V.S. Pawalkar	V.S. Pawalkar	V.S. Pawalkar	V.S. Pawalkar	V.S. Pawalkar	V.S. Pawalkar
12	Sonali Suresh Zade	S. Zade	S. Zade	S. Zade	S. Zade	S. Zade	S. Zade	S. Zade	S. Zade
13	Ankita Gajanan Jachak	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ
14	Karishma Ravichandraji Patil	K. Patil	K. Patil	K. Patil	K. Patil	K. Patil	K. Patil	K. Patil	K. Patil
15	Pawan Rambhauji Kantode	P. Kantode	P. Kantode	P. Kantode	AB	P. Kantode	P. Kantode	P. Kantode	P. Kantode.




PRINCIPAL
 Dr. R. G. Bhojar Arts, Comm.
 & Science College, SELOO

Name of Student	Signature of Students							
	8/10/21	9/10/21	15/10/21	16/10/21	22/10/21	23/10/21	29/10/21	30/10/21
1 Pragati Sanjayrao Nikode	P. Nikode	P. Nikode	P. Nikode	P. Nikode	AB	P. Nikode	P. Nikode	P. Nikode
2 Pornima Bandu Deolika	P. Deolika	P. Deolika	P. Deolika	P. Deolika	P. Deolika	P. Deolika	P. Deolika	P. Deolika
3 Nisha Dnyaneshwar Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul
4 Kiran Purushottam Parate	K. Parate	AB	K. Parate	K. Parate	K. Parate	K. Parate	AB	K. Parate
5 Nisha Pramodraoji Zade	N. Zade	N. Zade	N. Zade	N. Zade	N. Zade	N. Zade	N. Zade	N. Zade
6 Ruchika Subhashrao Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke
7 Sanjana Ramaji Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile
8 Utkarsha Kishorrao Zore	U. Zore	U. Zore	U. Zore	AB	U. Zore	U. Zore	U. Zore	AB
9 Utkarsha Umesh Lende	U. Lende	U. Lende	U. Lende	U. Lende	U. Lende	U. Lende	U. Lende	U. Lende



10	Suraj Ramesh Zamare	S. Zamare	S. Zamare	S. Zamare	S. Zamare	S. Zamare	S. Zamare	S. Zamare	S. Zamare
11	Vaishnavi Sunil Kawalkar	Vaishnavi	Vaishnavi	Vaishnavi	AB	Vaishnavi	Vaishnavi	AB	Vaishnavi
12	Sonali Suresh Zade	S. Zade	S. Zade	S. Zade		S. Zade	S. Zade	S. Zade	S. Zade
13	Ankita Gajanan Jachak	AB	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita
14	Karishma Ravichandraji Patil	K. Patil	K. Patil	K. Patil	K. Patil	K. Patil	K. Patil	K. Patil	K. Patil
15	Pawan Rambhauji Kantode	P. Kantode	P. Kantode	P. Kantode	AB	P. Kantode	P. Kantode	P. Kantode	P. Kantode




PRINCIPAL
 Dr. R. G. Bhojar Arts, Comm.
 & Science College, SELOO

	Name of Student	Signature of Students							
		5/11/21	6/11/21	12/11/21	13/11/21	19/11/21	20/11/21	26/11/21	27/11/21
1	Pragati Sanjayrao Nikode	AB	P. Nikode	P. Nikode	P. Nikode	P. Nikode	P. Nikode	P. Nikode	P. Nikode.
2	Pornima Bandu Deolikor	P. Deolikor	P. Deolikor	P. Deolikor	P. Deolikor	P. Deolikor	P. Deolikor	P. Deolikor	P. Deolikor
3	Nisha Dnyaneshwar Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul
4	Kiran Purushottam Parate	K. Parate	K. Parate	K. Parate	K. Parate	K. Parate	K. Parate	K. Parate	K. Parate.
5	Nisha Pramodraoji Zade	N. Zade	N. Zade	AB	N. Zade	N. Zade	N. Zade	AB	N. Zade.
6	Ruchika Subhashrao Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke	R. Hulke.
7	Sanjana Ramaji Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile
8	Utkarsha Kishorrao Zore	U. Zore	U. Zore	U. Zore	U. Zore	U. Zore	U. Zore	U. Zore	U. Zore.
9	Utkarsha Umesh Lende	U. Lende	U. Lende	AB	U. Lende	U. Lende	U. Lende	U. Lende	U. Lende.



10	Suraj Ramesh Zamare	Zamare	Zamare	Zamare	Zamare	Zamare	S-Zamare	Zamare	Zamare
11	Vaishnavi Sunil Kawalkar	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	AB	Vaishnavi	Vaishnavi
12	Sonali Suresh Zade	Zade	Zade	Zade	Zade	Zade	Zade	Zade	Zade
13	Ankita Gajanan Jachak	AB	Ankita	Ankita	Ankita	Ankita	Ankita	AB	Ankita
14	Karishma Ravichandraji Patil	K. Patil	K. Patil	K. Patil	K. Patil	K. Patil	K. Patil	K. Patil	K. Patil
15	Pawan Rambhauji Kantode	P. Kantode	P. Kantode	AB	P. Kantode	P. Kantode	P. Kantode	P. Kantode	P. Kantode



[Signature]
PRINCIPAL
 Dr. R. G. Bhojar Arts, Comm.
 & Science College, SELOO

	Name of Student	Signature of Students							
		3/12/21	4/12/21	10/12/21	11/12/21	17/12/21	18/12/21		
1	Pragati Sanjayrao Nikode	P. Nikode	P. Nikode	P. Nikode	P. Nikode	P. Nikode	P. Nikode	P. Nikode	P. Nikode
2	Pornima Bandu Deolika	AB	P. Deolika	P. Deolika	P. Deolika	AB	P. Deolika	P. Deolika	P. Deolika
3	Nisha Dnyaneshwar Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul	N. Dharmul
4	Kiran Purushottam Parate	K. Parate	K. Parate	K. Parate	K. Parate	K. Parate	AB	K. Parate	K. Parate
5	Nisha Pramodraoji Zade	N. Zade	N. Zade	N. Zade	N. Zade	N. Zade	N. Zade	N. Zade	N. Zade
6	Ruchika Subhashrao Hulke	R. Hulke	R. Hulke	R. Hulke	AB	R. Hulke	R. Hulke	R. Hulke	R. Hulke
7	Sanjana Ramaji Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile	S. Wandile
8	Utkarsha Kishorrao Zore	U. Zore	U. Zore	U. Zore	U. Zore	U. Zore	U. Zore	U. Zore	U. Zore
9	Utkarsha Umesh Lende	U. Lende	AB	U. Lende	U. Lende	U. Lende	U. Lende	U. Lende	U. Lende



		3/12/21	4/12/21	10/12/21	11/12/21	17/12/21	18/12/21
10	Suraj Ramesh Zamare	Zamare	Zamare	Zamare	Zamare	Zamare	Zamare.
11	Vaishnavi Sunil Kawalkar	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi
12	Sonali Suresh Zade	Zade	Zade	Zade	Zade	Zade	S. Zade
13	Ankita Gajanan Jachak	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita
14	Karishma Ravichandraji Patil	K. Patil	K. Patil	K. Patil	K. Patil	K. Patil	K. Patil
15	Pawan Rambhauji Kantode	P. Kantode	P. Kantode	P. Kantode	P. Kantode	P. Kantode	P. Kantode.



[Signature]
PRINCIPAL

Dr. R. G. Bhojar Arts, Comm.
& Science College, SELOO

Course Feedback Form

**Dr. R. G. Bhoyar Arts, Comm. and Science College, Seloo,
Dist. Wardha**

**Department of Zoology
Certificate Course in sericulture
Session 2021-22**

Please tick the short questionnaire to make the course better

S.N.	Questions	Yes/No	Feedback			
			Excellent	Very good	Good	Poor
1	Is the course beneficial to you?					
2	Do you like the course content?					
3	Is your syllabus completed?					
4	Did you get the study material?					
5	How your teacher taught the subject?					
6	Did the Practical's held?					
7	Did the course complete within six months?					
8	Did the teacher solve your queries regarding the course?					
9	Did the teacher take your tests or assignments?					
10	Will you suggest other students for doing this course?					

Ganiz
Convener of the
Course



[Signature]
PRINCIPAL
Dr. R. G. Bhoyar Arts, Comm.
& Science College, SELOO

[Signature]
Co-ordinator
Internal Quality Assurance Cell
Dr. R. G. Bhoyar Arts, Comm.
& Science College, SELOO



Estd. 2008

Vidyabharti Sanstha, Wardha's
Vidyabharti College, Seloo

(Art's, Commerce & Science)

Th. Seloo, Wardha - 442 104

College Index :

Sr. - 868

Jr. 07.08.006

Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

Ref.No. Vbcs / /

Date : / /

Academic year	2020-21
Name of Activity	Certificate course in Sericulture
Organised by	Department of Zoology, Vidyabharti College, Seloo, Dist Wardha
Organizing unit/agency/collaborating agency	-
Number of students	15
Permission letter	Attached
Syllabus	Attached
Time table	Attached
Photos	Attached
Certificate copy	Attached
Attendance list	Attached
Feedback form	Attached
Brief report	During the academic year 2020-21, total 15 students were enrolled for 'Certificate course in Sericulture'. Course session was from 15th July 2020 to 30th January 2021. All lectures were held as per time table schedule for this session. The lectures were on Friday and Saturday morning 9am to 10am and the practical were based on the silkworm rearing schedule. During this course students visited to farmers field situated at Zadshi, Tah. Seloo and learned rearing practices. Students after completing this course were certified.



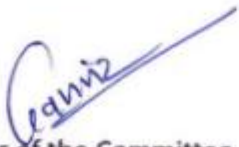

PRINCIPAL
Vidyabharti College, Seloo



Students Observed the feeding of silkworms at farmer's rearing facility



Students interacted with the farmer at his Mulberry field


Convener of the Committee
(Dr. K. P. Ganviz)




Principal

PRINCIPAL
Dr. R. G. Bhojar Arts, Comm.
& Science College, SELOO

To,

The principal,
Vidyabharti College, Seloo
Dist. Wardha

Subject – Permission for running the six-month course, ‘Certificate course in Sericulture’ during the session 2020-21.

Resp Sir,

I undersigned, Dr. Karuna P. Ganvir, Assistant Professor, Department of Zoology of your college, want your permission for running the six-month course, ‘Certificate Course in Sericulture’ for the session 2020-2021. I hope you will kindly approve and give the permission for this course.

Thank you.

Granted

PRINCIPAL
Dr. R. G. Bhojar Arts, Comm.
& Science College, SELOO

Karuna P. Ganvir
Your Obedient

Dr. Karuna P. Ganvir

Vidyabharti College, Seloo

SYLLABUS FOR CERTIFICATE COURSE IN SERICULTURE

Session 2020-2021

PAPER I (Moriculture and Silkworm Biology)

Unit I - Introduction to Sericulture

- 1.1 History and present status
- 1.2 Silkworm types, host plants
- 1.3 Silk production of mulberry and non-mulberry sericulture in India.
- 1.4 Recent trends in Sericulture. Modernization of culture practices high yielding hybrid races of silkworm.

Unit II - Moriculture

- 2.1 Mulberry Plantation and management
- 2.2 Mulberry varieties
- 2.3 Mulberry diseases and control
- 2.4 Mulberry pests and control

Unit III Silkworm Biology

- 3.1 Silkworm life cycle
- 3.2 Egg, larva, pupa and adult Morphology
- 3.3 Anatomy of Larva
- 3.4 Silk gland

Unit IV Silkworm Pests and diseases

- 4.1 Pebrine, Grasserie, Flacherie, Muscardine, symptoms and control
- 4.2 Use of disinfectants
- 4.3 Insect pests and control
- 4.4 Vertebrate pests and control

PAPER II (Silkworm rearing and Marketing)

Unit I - Rearing house and equipment

- 1.1 Rearing house (model and thatched roof)
- 1.2 Rearing equipment
- 1.3 Disinfection of rearing house
- 1.4 Disinfection of rearing equipment

Unit II - Rearing methods

- 2.1 Brushing
- 2.2 Early age rearing
- 2.3 Late age rearing
- 2.4 Feeding schedule during rearing and artificial diet

Unit III - Harvesting and preservation of cocoons

- 3.1 Harvesting of cocoons, methods
- 3.2 Types of preservation of cocoons
- 3.3 Stifling
- 3.4 Reeling methods

Unit IV - Marketing

- 4.1 Gradation of cocoons and yarn
- 4.2 Marketing of multivoltine, bivoltine and hybrid cocoons
- 4.3 Cost and production of rearing
- 4.4 Indian and international market


Practical

1. Identification of Mulberry varieties
2. Preparation of land for mulberry sowing
3. Methods of pruning
4. Management of plantation and use of fertilizers
5. Field collection of diseases and pests of mulberry
6. Disinfection of rearing house
7. Rearing of silkworm
8. Cocoon harvesting
9. Reeling
10. Preparation of life cycle of silkworm
11. Study tour



PRINCIPAL

*Dr. R. G. Bhojar Arts, Comm.
& Science College, SELOO*



Convener of the Course


Vidyabharti College, Seloo, Dist. Wardha
CERTIFICATE COURSE IN SERICULTURE

Time Table
Session 2020-21

Days	Periods	Time
Friday	Theory	8 am to 10 am
Saturday	Theory	8 am to 10 am
According to rearing schedule	Practical	-


Co-ordinator
Internal Quality Assurance Cell
Vidyabharti College, Seloo, Dist. Wardha


PRINCIPAL
Dr. R. G. Bhoyar Arts, Comm.
& Science College, SELOO


Convener of the Program
(Dr. K. P. Ganviz)



Vidyabharti Sanstha, Wardha
Vidyabharti College, Seloo Dist. Wardha

NAAC Accredited 'B+'

Six-month course

'CERTIFICATE COURSE IN SERICULTURE'

This is to certify that Miss/Mr. _____

of class _____ has successfully completed the six-month course, **'Certificate course in Sericulture'**, conducted by Department of Zoology of our college during the session 2020-2021.

Convener of the Course
Dr. Karuna P. Ganvir
Assistant Professor
Dept. of Zoology

Principal
Dr. Sanjay S. Kanode



Dr. R. G. Bhojar Arts Commerce and Science College, Seloo, Dist. Wardha

Department of Zoology

Certificate Course in Sericulture

Students Attendance (2020-2021)

	Name of Student	Signature of Students							
		17/07/20	18/07/20	24/07/20	25/07/20	31/07/20	1/08/20	7/08/20	8/08/20
1	JAYENDRA ANIRUDHA KENDHE	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>
2	PUJA SHRIRAM SHINDE	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>
3	PALLAVI GANESHRAO NAXINE	Pallavi Naxine	pallavi Naxine.	Pallavi Naxine	pallavi Naxine	Pallavi Naxine.	pallavi Naxine	Pallavi Naxine	Pallavi Naxine
4	ISHA MANISH DEOTALE	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>
5	ANAND RAVISHANKAR MUDE	<u>Mude</u>	<u>Mude</u>	<u>Mude</u>	<u>Mude</u>	<u>Mude</u>	<u>Mude</u>	<u>Mude</u>	<u>Mude</u>
6	ASHIKA RAJENDRA TELANG	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>



7	AMIT RAJU BHOYAR	<u>Bhoayar</u>	<u>Bhoayar</u>	<u>Bhoayar</u>	<u>Bhoayar</u>	<u>Bhoayar</u>	<u>Bhoayar</u>	<u>Bhoayar</u>	<u>Bhoayar</u>
8	SAMIRAN DEEPAK SHINDE	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>
9	AKANKSHA SHARADRAO WANDILE	<u>Akansha</u>	<u>Akansha</u>	<u>Akansha</u>	<u>Akansha</u>	<u>Akansha</u>	<u>Akansha</u>	<u>Akansha</u>	<u>Akansha</u>
10	PRAJWAL RAVINDRA TELANGE	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>
11	AISHWARYA DNYANESHWAR BHAJBHUJE	<u>Aishwarya</u>	<u>Aishwarya</u>	<u>Aishwarya</u>	<u>Aishwarya</u>	<u>Aishwarya</u>	<u>Aishwarya</u>	<u>Aishwarya</u>	<u>Aishwarya</u>
12	ANUP YESHWANT YUWNATE	<u>Anup</u>	<u>Anup</u>	<u>Anup</u>	<u>Anup</u>	<u>Anup</u>	<u>Anup</u>	<u>Anup</u>	<u>Anup</u>
13	CHETAN SANJAYRAO IRPATE	<u>Irpat</u>	<u>Irpat</u>	<u>Irpat</u>	<u>Irpat</u>	<u>Irpat</u>	<u>Irpat</u>	<u>Irpat</u>	<u>Irpat</u>
14	EKANTI GOPALRAO WASAKE	<u>Wasake</u>	<u>Wasake</u>	<u>Wasake</u>	<u>Wasake</u>	<u>Wasake</u>	<u>Wasake</u>	<u>Wasake</u>	<u>Wasake</u>
15	MANISHA RAJENDRA THAKARE	<u>Thakare</u>	<u>Thakare</u>	<u>Thakare</u>	<u>Thakare</u>	<u>Thakare</u>	<u>Thakare</u>	<u>Thakare</u>	<u>Thakare</u>



[Signature]
PRINCIPAL
 Dr. R. G. Bhojar Arts, Comm.
 & Science College, SELOO

Name of Student	Signature of Students							
	14/08/20	21/08/20	22/08/20	28/08/20	29/08/20	4/09/20	5/09/20	11/09/20
1 JAYENDRA ANIRUDHA KENDHE	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>
2 PUJA SHRIRAM SHINDE	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>
3 PALLAVI GANESHRAO NAXINE	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>
4 ISHA MANISH DEOTALE	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>
5 ANAND RAVISHANKAR MUDE	<u>Mude</u>	<u>Mude</u>	<u>Mude</u>	<u>Mude</u>	<u>Mude</u>	<u>Mude</u>	<u>Mude</u>	<u>Mude</u>
6 ASHIKA RAJENDRA TELANG	<u>Ashik</u>	<u>Ashik</u>	<u>Ashik</u>	<u>Ashik</u>	<u>Ashik</u>	<u>Ashik</u>	<u>Ashik</u>	<u>Ashik</u>
7 AMIT RAJU BHOYAR	<u>Bhojar</u>	<u>Bhojar</u>	<u>Bhojar</u>	<u>Bhojar</u>	<u>Bhojar</u>	<u>Bhojar</u>	<u>Bhojar</u>	<u>Bhojar</u>
8 SAMIRAN DEEPAK SHINDE	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>



9	AKANKSHA SHARADRAO WANDILE	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha
10	PRAJWAL RAVINDRA TELANGE	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal
11	AISHWARYA DNYANESHWAR BHAJBHUJE	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya
12	ANUP YESHWANT YUWNATE	Anup	Anup	Anup	Anup	Anup	Anup	Anup	Anup
13	CHETAN SANJAYRAO IRPATE	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan
14	EKANTI GOPALRAO WASAKE	Ekanth	Ekanth	Ekanth	Ekanth	Ekanth	Ekanth	Ekanth	Ekanth
15	MANISHA RAJENDRA THAKARE	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha




PRINCIPAL
 Dr. R. G. Bhojar Arts, Comm.
 & Science College, SELOO

	Name of Student	Signature of Students							
		12/09/20	18/09/20	19/09/20	25/09/20	26/09/20	2/10/20	3/10/20	9/10/20
1	JAYENDRA ANIRUDHA KENDHE	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>
2	PUJA SHRIRAM SHINDE	<u>Pshinde</u>	<u>Pshinde</u>	<u>Pshinde</u>	<u>Pshinde</u>	<u>Pshinde</u>	<u>Pshinde</u>	<u>Pshinde</u>	<u>Pshinde</u>
3	PALLAVI GANESHRAO NAXINE	<u>pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>pallavi Naxine</u>	<u>pallavi Naxine</u>	<u>Pallavi Naxine</u>
4	ISHA MANISH DEOTALE	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>
5	ANAND RAVISHANKAR MUDE	<u>Aruel</u>	<u>Aruel</u>	<u>Aruel</u>	<u>Aruel</u>	<u>Aruel</u>	<u>Aruel</u>	<u>Aruel</u>	<u>Aruel</u>
6	ASHIKA RAJENDRA TELANG	<u>Ashik</u>	<u>Ashik</u>	<u>Ashik</u>	<u>Ashik</u>	<u>Ashik</u>	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>
7	AMIT RAJU BHOYAR	<u>Bhojar</u>	<u>Bhojar</u>	<u>Bhojar</u>	<u>Bhojar</u>	<u>Bhojar</u>	<u>Bhojar</u>	<u>Bhojar</u>	<u>Bhojar</u>
8	SAMIRAN DEEPAK SHINDE	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>



[Handwritten signature]

9	AKANKSHA SHARADRAO WANDILE	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha
10	PRAJWAL RAVINDRA TELANG	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal
11	AISHWARYA DNYANESHWAR BHAJBHUJE	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya
12	ANUP YESHWANT YUWNATE	Anup	Anup	Anup	Anup	Anup	Anup	Anup	Anup
13	CHETAN SANJAYRAO IRPATE	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan
14	EKANTI GOPALRAO WASAKE	Ekanth	Ekanth	Ekanth	Ekanth	Ekanth	Ekanth	Ekanth	Ekanth
15	MANISHA RAJENDRA THAKARE	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha




PRINCIPAL
 Dr. R. G. Bhojar Arts, Comm.
 & Science College, SELOO

	Name of Student	Signature of Students							
		10/10/20	2/11/20	3/11/20	9/11/20	10/11/20	16/11/20	17/11/20	23/11/20
1	JAYENDRA ANIRUDHA KENDHE	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>
2	PUJA SHRIRAM SHINDE	<u>Pshinde</u>	<u>Pshinde</u>	<u>Pshinde</u>	<u>Pshinde</u>	<u>Pshinde</u>	<u>Pshinde</u>	<u>Pshinde</u>	<u>Pshinde</u>
3	PALLAVI GANESHRAO NAXINE	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>
4	ISHA MANISH DEOTALE	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>
5	ANAND RAVISHANKAR MUDE	<u>Amud</u>	<u>Amud</u>	<u>Amud</u>	<u>Amud</u>	<u>Amud</u>	<u>Amud</u>	<u>Amud</u>	<u>Amud</u>
6	ASHIKA RAJENDRA TELANG	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>
7	AMIT RAJU BHOYAR	<u>Bhoayar</u>	<u>Bhoayar</u>	<u>Bhoayar</u>	<u>Bhoayar</u>	<u>Bhoayar</u>	<u>Bhoayar</u>	<u>Bhoayar</u>	<u>Bhoayar</u>
8	SAMIRAN DEEPAK SHINDE	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>



9	AKANKSHA SHARADRAO WANDILE	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha
10	PRAJWAL RAVINDRA TELANG	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal
11	AISHWARYA DNYANESHWAR BHAJBHUJE	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya
12	ANUP YESHWANT YUWNATE	Anup	Anup	Anup	Anup	Anup	Anup	Anup	Anup
13	CHETAN SANJAYRAO IRPATE	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan
14	EKANTI GOPALRAO WASAKE	Ekanth	Ekanth	Ekanth	Ekanth	Ekanth	Ekanth	Ekanth	Ekanth
15	MANISHA RAJENDRA THAKARE	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha




PRINCIPAL
 Dr. R. G. Bhojar Arts, Comm.
 & Science College, SELOO

	Name of Student	Signature of Students							
		24/11/20	30/11/20	31/11/20	6/12/20	7/12/20	13/12/20	14/12/20	20/12/20
1	JAYENDRA ANIRUDHA KENDHE	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>
2	PUJA SHRIRAM SHINDE	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>
3	PALLAVI GANESHRAO NAXINE	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>
4	ISHA MANISH DEOTALE	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>	<u>Deotale</u>
5	ANAND RAVISHANKAR MUDE	<u>Anud</u>	<u>Anud</u>	<u>Anud</u>	<u>Anud</u>	<u>Anud</u>	<u>Anud</u>	<u>Anud</u>	<u>Anud</u>
6	ASHIKA RAJENDRA TELANG	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>
7	AMIT RAJU BHOYAR	<u>Bhojar</u>	<u>Bhojar</u>	<u>Bhojar</u>	<u>Bhojar</u>	<u>Bhojar</u>	<u>Bhojar</u>	<u>Bhojar</u>	<u>Bhojar</u>
8	SAMIRAN DEEPAK SHINDE	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>	<u>Simran</u>



9	AKANKSHA SHARADRAO WANDILE	<u>Akanksha</u>	<u>Akanksha</u>	<u>Akanksha</u>	<u>Akanksha</u>	<u>Akanksha</u>	<u>Akanksha</u>	<u>Akanksha</u>	<u>Akanksha</u>
10	PRAJWAL RAVINDRA TELANGE	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>
11	AISHWARYA DNYANESHWAR BHAJBHUJE	<u>Aishwarya</u>	<u>Aishwarya</u>	<u>Aishwarya</u>	<u>Aishwarya</u>	<u>Aishwarya</u>	<u>Aishwarya</u>	<u>Aishwarya</u>	<u>Aishwarya</u>
12	ANUP YESHWANT YUWNATE	<u>Anup</u>	<u>Anup</u>	<u>Anup</u>	<u>Anup</u>	<u>Anup</u>	<u>Anup</u>	<u>Anup</u>	<u>Anup</u>
13	CHETAN SANJAYRAO IRPATE	<u>Chetan</u>	<u>Chetan</u>	<u>Chetan</u>	<u>Chetan</u>	<u>Chetan</u>	<u>Chetan</u>	<u>Chetan</u>	<u>Chetan</u>
14	EKANTI GOPALRAO WASAKE	<u>Ekanti</u>	<u>Ekanti</u>	<u>Ekanti</u>	<u>Ekanti</u>	<u>Ekanti</u>	<u>Ekanti</u>	<u>Ekanti</u>	<u>Ekanti</u>
15	MANISHA RAJENDRA THAKARE	<u>Manisha</u>	<u>Manisha</u>	<u>Manisha</u>	<u>Manisha</u>	<u>Manisha</u>	<u>Manisha</u>	<u>Manisha</u>	<u>Manisha</u>




PRINCIPAL
 Dr. R. G. Bhojar Arts, Comm.
 & Science College, SELOO

	Name of Student	Signature of Students							
		21/12/20	27/12/20	28/12/20	4/12/20	5/12/20	11/12/20	12/12/20	18/12/20
1	JAYENDRA ANIRUDHA KENDHE	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>	<u>Jkendhe</u>
2	PUJA SHRIRAM SHINDE	<u>Pshinde</u>	<u>Pshinde</u>	<u>Pshinde</u>	<u>Pshinde</u>	<u>Pshinde</u>	<u>Pshinde</u>	<u>Pshinde</u>	<u>Pshinde</u>
3	PALLAVI GANESHRAO NAXINE	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>	<u>Pallavi Naxine</u>
4	ISHA MANISH DEOTALE	<u>Ideotale</u>	<u>Ideotale</u>	<u>Ideotale</u>	<u>Ideotale</u>	<u>Ideotale</u>	<u>Ideotale</u>	<u>Ideotale</u>	<u>Ideotale</u>
5	ANAND RAVISHANKAR MUDE	<u>Amude</u>	<u>Amude</u>	<u>Amude</u>	<u>Amude</u>	<u>Amude</u>	<u>Amude</u>	<u>Amude</u>	<u>Amude</u>
6	ASHIKA RAJENDRA TELANG	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>	<u>Ashika</u>
7	AMIT RAJU BHOYAR	<u>Bhoyar</u>	<u>Bhoyar</u>	<u>Bhoyar</u>	<u>Bhoyar</u>	<u>Bhoyar</u>	<u>Bhoyar</u>	<u>Bhoyar</u>	<u>Bhoyar</u>
8	SAMIRAN DEEPAK SHINDE	<u>Sshinde</u>	<u>Sshinde</u>	<u>Sshinde</u>	<u>Sshinde</u>	<u>Sshinde</u>	<u>Sshinde</u>	<u>Sshinde</u>	<u>Sshinde</u>



9	AKANKSHA SHARADRAO WANDILE	<u>Akanksha</u>	<u>Akanksha</u>	<u>Akanksha</u>	<u>Akanksha</u>	<u>Akanksha</u>	<u>Akanksha</u>	<u>Akanksha</u>	<u>Akanksha</u>
10	PRAJWAL RAVINDRA TELANGE	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>
11	AISHWARYA DNYANESHWAR BHAJBHUJE	<u>Aishwarya</u>	<u>Aishwarya</u>	<u>Aishwarya</u>	<u>Aishwarya</u>	<u>Aishwarya</u>	<u>Aishwarya</u>	<u>Aishwarya</u>	<u>Aishwarya</u>
12	ANUP YESHWANT YUWNATE	<u>Anup</u>	<u>Anup</u>	<u>Anup</u>	<u>Anup</u>	<u>Anup</u>	<u>Anup</u>	<u>Anup</u>	<u>Anup</u>
13	CHETAN SANJAYRAO IRPATE	<u>Chetan</u>	<u>Chetan</u>	<u>Chetan</u>	<u>Chetan</u>	<u>Chetan</u>	<u>Chetan</u>	<u>Chetan</u>	<u>Chetan</u>
14	EKANTI GOPALRAO WASAKE	<u>Ekanti</u>	<u>Ekanti</u>	<u>Ekanti</u>	<u>Ekanti</u>	<u>Ekanti</u>	<u>Ekanti</u>	<u>Ekanti</u>	<u>Ekanti</u>
15	MANISHA RAJENDRA THAKARE	<u>Manisha</u>	<u>Manisha</u>	<u>Manisha</u>	<u>Manisha</u>	<u>Manisha</u>	<u>Manisha</u>	<u>Manisha</u>	<u>Manisha</u>



[Signature]

PRINCIPAL

Dr. R. G. Bhojar Arts, Comm.
& Science College, SELOO

Vidyabharti College, Seloo, Dist. Wardha

Department of Zoology

Certificate Course in sericulture

Session 2020-21

Please tick the short questionnaire to make the course better

S.N.	Questions	Yes/No	Feedback			
			Excellent	Very good	Good	Poor
1	Is the course beneficial to you?					
2	Do you like the course content?					
3	Is your syllabus completed?					
4	Did you get the study material?					
5	How your teacher taught the subject?					
6	Did the Practical's held during the course?					
7	Did the course complete within six months?					
8	Did the teacher solve your queries regarding the course?					
9	Did the teacher take your tests or assignments?					
10	Will you suggest other students for doing this course?					

Ganvi

A

Coordinator
Internal Quality Assurance Cell
Dr. R. G. Bhojar Arts, Comm.
& Science College, SELOO

[Signature]

PRINCIPAL

**Dr. R. G. Bhojar Arts, Comm.
& Science College, SELOO**





Estd. 2008

Vidyabharti Sanstha, Wardha's
Vidyabharti College, Seloo

(Art's, Commerce & Science)

Th. Seloo, Wardha - 442 104

College Index :

Sr. - 888

Jr. 07.08.006

Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

Ref.No. Vbcs / /

Date : / /

Academic year	2019-20
Name of Activity	'Certificate course in Sericulture'
Duration of the Course	6 Months
Date of Activity	15 July 2019 -15 January 2020
Organised by	Vidyabharti College, Seloo, Dist Wardha
Organizing unit/agency/collaborating agency	-
Number of students	15
Permission letter	Attached
Syllabus	Attached
Time table	Attached
Photos	Attached
Certificate copy	Attached
Attendance list	Attached
Feedback form	Attached
Brief report	<p>During the academic year 2019-20, total 15 students were enrolled for 'Certificate course in Sericulture'. Course session was from 15 July 2019 -15 January 2020. All lectures were as per time table scheduled for this session. The lectures were on Friday and Saturday morning 8 am to 10 am and the practical were based on the silkworm rearing schedule. During this course students visited to farmers field and learned rearing practices. Students after completing this course were certified.</p> <p>During this session Department of Zoology has organized biological excursion tour for all B.Sc. I, III, and V semester on date 28/08/2019 at Basic Seed Multiplication and Training Centre (BSMTC), Central Sericulture Board, Devlipar Dist. Bhandara. For this tour 54 students were present and faculties of Zoology department i.e Dr. A. D. Tiple, Dr. K. P. Ganvir and Dr. Vaishali Badwaik were present. All students registered for 'Certificate course in Sericulture' were present in this tour.</p>




PRINCIPAL
Vidyabharti College, Seloo

Dr. P. C. Gedam, Scientist B and Dr. E. D. Ingale, Senior field assistant of B.S.M.T.C. guided and shared his valuable knowledge of Tasar silkworm rearing and inculcate the importance of Tasar silk among students. Dr. Gedam told that Tasar seed production and their supply occurs in very hygienic conditions and for this utmost care is necessary for it. He also showed and described different life cycle stages of tasar silkworm.

College students also visited to Reserve Forest of Ravanwadi where Dr. Ashish Tiple and Dr. Vaishali Badwaik guided the students to observe and study different flora and fauna in the environment. Students observed different birds, butterflies, dragonflies, bugs, beetles, water bugs, snails etc. and learnt their habit and habitat. During this visit students also learnt flora in environment and took photographs.

Students present for this tour- 54

Organizer of the tour- Dr. A. D. Tiple, Dr. K. P. Ganvir and Dr. Vaishali Badwaik

Outcome of the tour-

- 1) Students learnt practically all the steps of Tasar silkworm rearing and preparation of Tasar silk.
- 2) This field study was very valuable and it rejuvenated students' spirit as they get attached with the environment.
- 3) Students learnt different flora and fauna of this region.
- 4) This study tour was very helpful for their academic syllabus.




PRINCIPAL
Vidyabharti College, Seior



Biological excursion tour for all B.Sc. I, III, and V semester on date 28/08/2019 at Basic Seed Multiplication and Training Centre (BSMTC), Central Sericulture Board, Devlipar Dist. Bhandara.



To,
The Director,
B.S.M.T.C.
Devlipar
Dist. Bhandara

Subject – Permission for Study tour visit at your Centre.

Resp. Sir,

Our college has decided to organize Biological Excursion tour for B.Sc. students at your Centre, Biological Seed Multiplication and Training Centre (B.S.M.T.C.), Devlipar, Bhandara where students will learn Tasar Sericulture. So, I request you to kindly permit us to visit your centre on date 28th August 2019.

Thank you.

(Signature)
Principal
Vidyabharti College, Seeloo

(Signature)
Convener of the Course

(Signature)
Co-ordinator
Internal Quality Assurance Cell
Vidyabharti College, SELOO



Principal

(Signature)
PRINCIPAL
Dr. R. G. Bhojar Arts, Comm.
& Science College, SELOO

To,

The principal,

Vidyabharti College, Seloo

Dist. Wardha

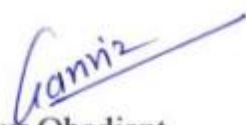
Subject – Permission for running the six-month course, 'Certificate course in Sericulture' for the session 2019-20.

Resp Sir,

I undersigned, Dr. Karuna P. Ganvir, Assistant Professor, Department of Zoology of your college, want your permission for running the six-month course, 'Certificate Course in Sericulture' for the session 2019-20. I hope you will kindly approve and give the permission for this course.

Thank you.


PRINCIPAL
Dr. R. G. Bhojar Arts, Comm.
& Science College, SELOO


Your Obedient

Dr. Karuna P. Ganvir



Vidyabharti College, Seloo

SYLLABUS FOR CERTIFICATE COURSE IN SERICULTURE

Session 2019-2020

PAPER I (Moriculture and Silkworm Biology)

Unit I - Introduction to Sericulture

- 1.1 History and present status
- 1.2 Silkworm types, host plants
- 1.3 Silk production of mulberry and non-mulberry sericulture in India.
- 1.4 Recent trends in Sericulture. Modernization of culture practices high yielding hybrid races of silkworm.

Unit II - Moriculture

- 2.1 Mulberry Plantation and management
- 2.2 Mulberry varieties
- 2.3 Mulberry diseases and control
- 2.4 Mulberry pests and control

Unit III Silkworm Biology

- 3.1 Silkworm life cycle
- 3.2 Egg, larva, pupa and adult Morphology
- 3.3 Anatomy of Larva
- 3.4 Silk gland

Unit IV Silkworm Pests and diseases

- 4.1 Pebrine, Grasserie, Flacherie, Muscardine, symptoms and control
- 4.2 Use of disinfectants
- 4.3 Insect pests and control
- 4.4 Vertebrate pests and control

PAPER II (Silkworm rearing and Marketing)

Unit I - Rearing house and equipment

- 1.1 Rearing house (model and thatched roof)
- 1.2 Rearing equipment



- 1.3 Disinfection of rearing house
- 1.4 Disinfection of rearing equipment

Unit II - Rearing methods

- 2.1 Brushing
- 2.2 Early age rearing
- 2.3 Late age rearing
- 2.4 Feeding schedule during rearing and artificial diet

Unit III - Harvesting and preservation of cocoons

- 3.1 Harvesting of cocoons, methods
- 3.2 Types of preservation of cocoons
- 3.3 Stifling
- 3.4 Reeling methods

Unit IV - Marketing

- 4.1 Gradation of cocoons and yarn
- 4.2 Marketing of multivoltine, bivoltine and hybrid cocoons
- 4.3 Cost and production of rearing
- 4.4 Indian and international market

Practical

1. Identification of Mulberry varieties
2. Preparation of land for mulberry sowing
3. Methods of pruning
4. Management of plantation and use of fertilizers
5. Field collection of diseases and pests of mulberry
6. Disinfection of rearing house
7. Rearing of silkworm
8. Cocoon harvesting
9. Reeling
10. Preparation of life cycle of silkworm
11. Study tour



PRINCIPAL
Dr. R. G. Bhojar Arts, Comm.
& Science College, SELOO



Convener of the Course



Vidyabharti College, Seloo, Dist. Wardha


CERTIFICATE COURSE IN SERICULTURE

Time table

Session 2019-20

Days	Periods	Time
Friday	Theory	8 am to 10 am
Saturday	Theory	8 am to 10 am
According to rearing schedule	Practical	-




PRINCIPAL
Dr. R. G. Bhojar Arts, Comm.
& Science College, SELOO


Convener of the Program



Vidyabharti Sanstha, Wardha
Vidyabharti College, Seloo Dist. Wardha


NAAC Accredited 'B+'

Six-month course


'Certificate course in Sericulture'

This is to certify that Miss/Mr. _____

of class _____ has successfully completed the six-month course, '**Certificate course in Sericulture**', conducted by Department of Zoology of our college during the session 2019-2020.


Convener of the Course
Dr. Karuna P. Ganvir
Assistant Professor
Dept. of Zoology




Principal
Dr. Sanjay S. Kanode

Vidyabharti College, Seloo, Dist. Wardha

Department of Zoology

Certificate Course in Sericulture


Students Attendance (2019-20)

	Name of Student	Signature of Students							
		9/07/2019	20/07/2019	26/07/19	27/07/19	2/08/19	3/08/19	9/08/19	10/08/19
1	ROHINI PRADIP TIWARI	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>
2	SAMIKSHA KESHAORAO TADAS	<u>Gadas</u>	<u>Gadas</u>	<u>Gadas</u>	<u>Gadas</u>	<u>Gadas</u>	<u>Gadas</u>	<u>Gadas</u>	<u>Gadas</u>
3	APEKSHA SUBHASHRAO HATWAR	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>
4	POORNIMA ASHOK JAMBHULKAR	<u>Pambhulkae</u>	<u>Pambhulkae</u>	<u>Pambhulkae</u>	<u>Pambhulkae</u>	<u>Pambhulkae</u>	<u>Pambhulkae</u>	<u>Pambhulkae</u>	<u>Pambhulkae</u>
5	SONALI VINOD ITAL	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>
6	KALLYANI HARIBHAU TELRANDHE	<u>Kelrandhe</u>	<u>Kelrandhe</u>	<u>Kelrandhe</u>	<u>Kelrandhe</u>	<u>Kelrandhe</u>	<u>Kelrandhe</u>	<u>Kelrandhe</u>	<u>Kelrandhe</u>
7	POONAM PRAMOD NARAYANE	<u>Prarane</u>	<u>Prarane</u>	<u>Prarane</u>	<u>Prarane</u>	<u>Prarane</u>	<u>Prarane</u>	<u>Prarane</u>	<u>Prarane</u>



8	PAYAL GAJANAN KANER	<u>Pahes</u>	<u>Rahes</u>	<u>Rahes</u>	<u>Ranes</u>	<u>Ranes</u>	<u>Ranes</u>	<u>Rane</u>	<u>Rane</u>
9	PALLAVI GULABRAO DHABARDE	<u>Pahubare</u>	<u>Bhadark</u>	<u>Bhadark</u>	<u>Bhubark</u>	<u>Bhadark</u>	<u>Bhabark</u>	<u>Bhubark</u>	<u>Bhabark</u>
10	NEHA DNYANESHWAR BHANDAKKAR	<u>NB</u>	<u>NB</u>	<u>NB</u>	<u>NB</u>	<u>NB</u>	<u>NB</u>	<u>NB</u>	<u>NB</u>
11	ASHVIN RAVIDAS TALWEKAR	A. Talewark	A. Talewark	A. Talewark	A. Talewark	A. Talewark	A. Talewark	A. Talewark	A. Talewark
12	SIDHANT PRAKASH PUNWATKAR	<u>PS</u>	<u>PS</u>	<u>PS</u>	<u>PS</u>	<u>PS</u>	<u>PS</u>	<u>PS</u>	<u>PS</u>
13	ASHWINI SURESHRAO SHANKHADARWAR	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>
14	AKHIL PREMNATH PAHUNE	<u>Apahune</u>	<u>Apahune</u>	<u>Apahune</u>	<u>Apahune</u>	<u>Apahune</u>	<u>Apahune</u>	<u>Apahune</u>	<u>Apahune</u>
15	PRAJWAL JANARDHANRAO BUTLE	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal




PRINCIPAL
 Dr. R. G. Bhojar Arts, Comm.
 & Science College, SELOO

Name of Student	Signature of Students							
	16/08/19	17/08/19	23/08/19	24/08/19	30/08/19	31/08/19	6/09/19	7/09/19
1 ROHINI PRADIP TIWARI	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>
2 SAMIKSHA KESHAORAO TADAS	<u>Sadas</u>	<u>Sadas</u>	<u>Sadas</u>	<u>Sadas</u>	<u>Sadas</u>	<u>Sadas</u>	<u>Sadas</u>	<u>Sadas</u>
3 APEKSHA SUBHASHRAO HATWAR	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>
4 POORNIMA ASHOK JAMBHULKAR	<u>Pambhulkar</u>	<u>Pambhulkar</u>	<u>Pambhulkar</u>	<u>Pambhulkar</u>	<u>Pambhulkar</u>	<u>Pambhulkar</u>	<u>Pambhulkar</u>	<u>Pambhulkar</u>
5 SONALI VINOD ITAL	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>
6 KALLYANI HARIBHAU TELRANDHE	<u>Haribhau</u>	<u>Haribhau</u>	<u>Haribhau</u>	<u>Haribhau</u>	<u>Haribhau</u>	<u>Haribhau</u>	<u>Haribhau</u>	<u>Haribhau</u>
7 POONAM PRAMOD NARAYANE	<u>Poonam</u>	<u>Poonam</u>	<u>Poonam</u>	<u>Poonam</u>	<u>Poonam</u>	<u>Poonam</u>	<u>Poonam</u>	<u>Poonam</u>
8 PAYAL GAJANAN KANER	<u>Paner</u>	<u>Paner</u>	<u>Paner</u>	<u>Paner</u>	<u>Paner</u>	<u>Paner</u>	<u>Paner</u>	<u>Paner</u>
9 PALLAVI GULABRAO DHABARDE	<u>Pdhabarde</u>	<u>Pdhabarde</u>	<u>Pdhabarde</u>	<u>Pdhabarde</u>	<u>Pdhabarde</u>	<u>Pdhabarde</u>	<u>Pdhabarde</u>	<u>Pdhabarde</u>



10	NEHA DNYANESHWAR BHANDAKKAR	<u>NB</u>	<u>NB</u>	<u>NB</u>	<u>NB</u>	<u>NB</u>	<u>NB</u>	<u>NB</u>	<u>NB</u>
11	ASHVIN RAVIDAS TALWEKAR	A. Talewkar	A. Talewkar	A. Talewkar	A. Talewkar	A. Talewkar	A. Talewkar	A. Talewkar	A. Talewkar
12	SIDHANT PRAKASH PUNWATKAR	<u>PS</u>	<u>PS</u>	<u>PS</u>	<u>PS</u>	<u>PS</u>	<u>PS</u>	<u>PS</u>	<u>PS</u>
13	ASHWINI SURESHRAO SHANKHADARWAR	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>
14	AKHIL PREMNATH PAHUNE	<u>AP</u>	<u>AP</u>	<u>AP</u>	<u>AP</u>	<u>AP</u>	<u>AP</u>	<u>AP</u>	<u>AP</u>
15	PRAJWAL JANARDHANRAO BUTLE	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal



[Signature]
PRINCIPAL

Dr. R. G. Bhojar Arts, Comm.
& Science College, SELOO


	Name of Student	Signature of Students							
		13/09/19	14/09/19	20/09/19	21/09/19	27/09/19	28/09/19	4/10/19	5/10/19
1	ROHINI PRADIP TIWARI	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>
2	SAMIKSHA KESHAORAO TADAS	<u>Adas</u>	<u>Adas</u>	<u>Adas</u>	<u>Adas</u>	<u>Adas</u>	<u>Adas</u>	<u>Adas</u>	<u>Adas</u>
3	APEKSHA SUBHASHRAO HATWAR	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>
4	POORNIMA ASHOK JAMBHULKAR	<u>Pambhulkar</u>	<u>Pambhulkar</u>	<u>Pambhulkar</u>	<u>Pambhulkar</u>	<u>Pambhulkar</u>	<u>Pambhulkar</u>	<u>Pambhulkar</u>	<u>Pambhulkar</u>
5	SONALI VINOD ITAL	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>
6	KALLYANI HARIBHAU TELRANDHE	<u>Telexade</u>	<u>Telexade</u>	<u>Telexade</u>	<u>Telexade</u>	<u>Telexade</u>	<u>Telexade</u>	<u>Telexade</u>	<u>Telexade</u>
7	POONAM PRAMOD NARAYANE	<u>Pharayan</u>	<u>Pharayan</u>	<u>Pharayan</u>	<u>Pharayan</u>	<u>Pharayan</u>	<u>Pharayan</u>	<u>Pharayan</u>	<u>Pharayan</u>
8	PAYAL GAJANAN KANER	<u>Raner</u>	<u>Raner</u>	<u>Raner</u>	<u>Raner</u>	<u>Raner</u>	<u>Raner</u>	<u>Raner</u>	<u>Raner</u>
9	PALLAVI GULABRAO DHABARDE	<u>Palbharde</u>	<u>Palbharde</u>	<u>Palbharde</u>	<u>Palbharde</u>	<u>Palbharde</u>	<u>Palbharde</u>	<u>Palbharde</u>	<u>Palbharde</u>



[Handwritten signature]

10	NEHA DNYANESHWAR BHANDAKKAR	<u>NBh</u>	<u>NBh</u>	<u>NBh</u>	<u>NBh</u>	<u>NBh</u>	<u>NBh</u>	<u>NBh</u>	<u>NBh</u>
11	ASHVIN RAVIDAS TALWEKAR	A. Talewkar	A. Talewkar	A. Talewkar	A. Talewkar	A. Talewkar	A. Talewkar	A. Talewkar	A. Talewkar
12	SIDHANT PRAKASH PUNWATKAR	<u>Its</u>	<u>Its</u>	<u>Its</u>	<u>Its</u>	<u>Its</u>	<u>Its</u>	<u>Its</u>	<u>Its</u>
13	ASHWINI SURESHRAO SHANKHADARWAR	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>
14	AKHIL PREMNATH PAHUNE	<u>Apahune</u>	<u>Apahune</u>	<u>Apahune</u>	<u>Apahune</u>	<u>Apahune</u>	<u>Apahune</u>	<u>Apahune</u>	<u>Apahune</u>
15	PRAJWAL JANARDHANRAO BUTLE	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>




PRINCIPAL
 Dr. R. G. Bhojar Arts, Comm.
 & Science College, SELOO

	Name of Student	Signature of Students							
		11/10/19	12/10/19	18/10/19	19/10/19	25/10/19	26/10/19	1/11/19	2/11/19
1	ROHINI PRADIP TIWARI	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>
2	SAMIKSHA KESHAORAO TADAS	<u>Adas</u>	<u>Adas</u>	<u>Adas</u>	<u>Adas</u>	<u>Adas</u>	<u>Adas</u>	<u>Adas</u>	<u>Adas</u>
3	APEKSHA SUBHASHRAO HATWAR	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>
4	POORNIMA ASHOK JAMBHULKAR	<u>Pambhulka</u>	<u>Pambhulka</u>	<u>Pambhulka</u>	<u>Pambhulka</u>	<u>Pambhulka</u>	<u>Pambhulka</u>	<u>Pambhulka</u>	<u>Pambhulka</u>
5	SONALI VINOD ITAL	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>
6	KALLYANI HARIBHAU TELRANDHE	<u>Telrandhe</u>	<u>Telrandhe</u>	<u>Telrandhe</u>	<u>Telrandhe</u>	<u>Telrandhe</u>	<u>Telrandhe</u>	<u>Telrandhe</u>	<u>Telrandhe</u>
7	POONAM PRAMOD NARAYANE	<u>Prayane</u>	<u>Prayane</u>	<u>Prayane</u>	<u>Prayane</u>	<u>Prayane</u>	<u>Prayane</u>	<u>Prayane</u>	<u>Prayane</u>
8	PAYAL GAJANAN KANER	<u>Raner</u>	<u>Raner</u>	<u>Raner</u>	<u>Raner</u>	<u>Raner</u>	<u>Raner</u>	<u>Raner</u>	<u>Raner</u>
9	PALLAVI GULABRAO DHABARDE	<u>Palbharde</u>	<u>Palbharde</u>	<u>Palbharde</u>	<u>Palbharde</u>	<u>Palbharde</u>	<u>Palbharde</u>	<u>Palbharde</u>	<u>Palbharde</u>



10	NEHA DNYANESHWAR BHANDAKKAR	<u>NBh</u>	<u>NBh</u>	<u>NBh</u>	<u>NBh</u>	<u>NBh</u>	<u>NBh</u>	<u>NBh</u>	<u>NBh</u>
11	ASHVIN RAVIDAS TALWEKAR	<u>A. Talewark</u>	<u>A. Talewark</u>	<u>A. Talewark</u>	<u>A. Talewark</u>	<u>A. Talewark</u>	<u>A. Talewark</u>	<u>A. Talewark</u>	<u>A. Talewark</u>
12	SIDHANT PRAKASH PUNWATKAR	<u>Ita</u>	<u>Ita</u>	<u>Ita</u>	<u>Ita</u>	<u>Ita</u>	<u>Ita</u>	<u>Ita</u>	<u>Ita</u>
13	ASHWINI SURESHRAO SHANKHADARWAR	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>
14	AKHIL PREMNATH PAHUNE	<u>Arahuns</u>	<u>Arahuns</u>	<u>Arahuns</u>	<u>Arahuns</u>	<u>Arahuns</u>	<u>Arahuns</u>	<u>Arahuns</u>	<u>Arahuns</u>
15	PRAJWAL JANARDHANRAO BUTLE	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>	<u>Prajwal</u>


PRINCIPAL
 Dr. R. G. Bhojar Arts, Comm.
 & Science College, SELOO



	Name of Student	Signature of Students							
		8/11/19	9/11/19	15/11/19	16/11/19	22/11/19	23/11/19	29/11/19	30/11/19
1	ROHINI PRADIP TIWARI	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>
2	SAMIKSHA KESHAORAO TADAS	<u>Adas</u>	<u>Adas</u>	<u>Adas</u>	<u>Adas</u>	<u>Adas</u>	<u>Adas</u>	<u>Adas</u>	<u>Adas</u>
3	APEKSHA SUBHASHRAO HATWAR	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>
4	POORNIMA ASHOK JAMBHULKAR	<u>Pambhulka</u>	<u>Pambhulka</u>	<u>Pambhulka</u>	<u>Pambhulka</u>	<u>Pambhulka</u>	<u>Pambhulka</u>	<u>Pambhulka</u>	<u>Pambhulka</u>
5	SONALI VINOD ITAL	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>
6	KALLYANI HARIBHAU TELRANDHE	<u>Tebrade</u>	<u>Tebrade</u>	<u>Tebrade</u>	<u>Tebrade</u>	<u>Tebrade</u>	<u>Tebrade</u>	<u>Tebrade</u>	<u>Tebrade</u>
7	POONAM PRAMOD NARAYANE	<u>Pharane</u>	<u>Pharane</u>	<u>Pharane</u>	<u>Pharane</u>	<u>Pharane</u>	<u>Pharane</u>	<u>Pharane</u>	<u>Pharane</u>
8	PAYAL GAJANAN KANER	<u>Raner</u>	<u>Raner</u>	<u>Raner</u>	<u>Raner</u>	<u>Raner</u>	<u>Raner</u>	<u>Raner</u>	<u>Raner</u>
9	PALLAVI GULABRAO DHABARDE	<u>Pelhubard</u>	<u>Pelhubard</u>	<u>Pelhubard</u>	<u>Pelhubard</u>	<u>Pelhubard</u>	<u>Pelhubard</u>	<u>Pelhubard</u>	<u>Pelhubard</u>



[Handwritten signature]

10	NEHA DNYANESHWAR BHANDAKKAR	<u>NB</u>	<u>NB</u>	<u>NB</u>	<u>NB</u>	<u>NB</u>	<u>NB</u>	<u>NB</u>	<u>NB</u>
11	ASHVIN RAVIDAS TALWEKAR	A.Talwekar	A.Talwekar	A.Talwekar	A.Talwekar	A.Talwekar	A.Talwekar	A.Talwekar	A.Talwekar
12	SIDHANT PRAKASH PUNWATKAR	<u>SP</u>	<u>SP</u>	<u>SP</u>	<u>SP</u>	<u>SP</u>	<u>SP</u>	<u>SP</u>	<u>SP</u>
13	ASHWINI SURESHRAO SHANKHADARWAR	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>
14	AKHIL PREMNATH PAHUNE	<u>AP</u>	<u>AP</u>	<u>AP</u>	<u>AP</u>	<u>AP</u>	<u>AP</u>	<u>AP</u>	<u>AP</u>
15	PRAJWAL JANARDHANRAO BUTLE	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal



[Signature]
PRINCIPAL
 Dr. R. G. Bhojar Arts, Comm.
 & Science College, SELOO

	Name of Student	Signature of Students							
		6/12/19	7/12/19	13/12/19	14/12/19	20/12/19	21/12/19	27/12/19	28/12/19
1	ROHINI PRADIP TIWARI	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>	<u>Rohini</u>
2	SAMIKSHA KESHAORAO TADAS	<u>Sadas</u>	<u>Sadas</u>	<u>Sadas</u>	<u>Sadas</u>	<u>Sadas</u>	<u>Sadas</u>	<u>Sadas</u>	<u>Sadas</u>
3	APEKSHA SUBHASHRAO HATWAR	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>	<u>Apeksha</u>
4	POORNIMA ASHOK JAMBHULKAR	<u>Pambhulka</u>	<u>Pambhulka</u>	<u>Pambhulka</u>	<u>Pambhulka</u>	<u>Pambhulka</u>	<u>Pambhulka</u>	<u>Pambhulka</u>	<u>Pambhulka</u>
5	SONALI VINOD ITAL	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>	<u>s.v.ital</u>
6	KALLYANI HARIBHAU TELRANDHE	<u>Haribhau</u>	<u>Haribhau</u>	<u>Haribhau</u>	<u>Haribhau</u>	<u>Haribhau</u>	<u>Haribhau</u>	<u>Haribhau</u>	<u>Haribhau</u>
7	POONAM PRAMOD NARAYANE	<u>Ponam</u>	<u>Ponam</u>	<u>Ponam</u>	<u>Ponam</u>	<u>Ponam</u>	<u>Ponam</u>	<u>Ponam</u>	<u>Ponam</u>
8	PAYAL GAJANAN KANER	<u>Ramesh</u>	<u>Ramesh</u>	<u>Ramesh</u>	<u>Ramesh</u>	<u>Ramesh</u>	<u>Ramesh</u>	<u>Ramesh</u>	<u>Ramesh</u>
9	PALLAVI GULABRAO DHABARDE	<u>Palbharde</u>	<u>Palbharde</u>	<u>Palbharde</u>	<u>Palbharde</u>	<u>Palbharde</u>	<u>Palbharde</u>	<u>Palbharde</u>	<u>Palbharde</u>



10	NEHA DNYANESHWAR BHANDAKKAR	<u>NBh</u>	<u>NBh</u>	<u>NBh</u>	<u>NBh</u>	<u>NBh</u>	<u>ABh</u>	<u>NBh</u>	<u>NBh</u>
11	ASHVIN RAVIDAS TALWEKAR	A.Talewkar	A.Talewkar	A.Talewkar	A.Talewkar	A.Talewkar	A.Talewkar	A.Talewkar	A.Talewkar
12	SIDHANT PRAKASH PUNWATKAR	<u>ES</u>	<u>ES</u>	<u>ES</u>	<u>ES</u>	<u>ES</u>	<u>ES</u>	<u>ES</u>	<u>ES</u>
13	ASHWINI SURESHRAO SHANKHADARWAR	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>
14	AKHIL PREMNATH PAHUNE	<u>Akhil</u>	<u>Akhil</u>	<u>Akhil</u>	<u>Akhil</u>	<u>Akhil</u>	<u>Akhil</u>	<u>Akhil</u>	<u>Akhil</u>
15	PRAJWAL JANARDHANRAO BUTLE	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal



[Signature]
PRINCIPAL
 Dr. R. G. Bhojar Arts, Comm.
 & Science College, SELOO

Course Feedback Form

Vidyabharti College, Seloo, Dist. Wardha
Department of Zoology
Certificate Course in sericulture
Session 2019-20

Please tick the short questionnaire to make the course better

S.N.	Questions	Yes/No	Feedback			
			Excellent	Very good	Good	Poor
1	Is the course beneficial to you?					
2	Do you like the course content?					
3	Is your syllabus completed?					
4	Did you get the study material?					
5	How your teacher taught the subject?					
6	Did the Practicals held?					
7	Did the course completed within six months?					
8	Did the teacher solved your queries regarding the course?					
9	Did the teacher taken your tests or assignments?					
10	Will you suggest other students for doing this course?					

Ganvi



[Signature]
PRINCIPAL

Dr. R. G. Bhojar Arts, Comm. & Science College, SELOO

[Signature]

Co-ordinator
Internship Cell
Dr. R. G. Bhojar Arts, Comm. & Science College, SELOO



Estd. 2008

Vidyabharti Sanstha, Wardha's
Vidyabharti College, Seloo

(Art's, Commerce & Science)

Th. Seloo, Wardha - 442 104

College Index :

Sr. - 888

Jr. 07.08.006

Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

Ref.No. Vbcs / /

Date : / /

Academic year	2018-2019
Name of Activity	'Certificate course in Sericulture'
Duration of the Course	6 months
Date of Activity	15 July 2018-15 January 2019
Organised by	Department of Zoology, Vidyabharti College, Seloo, Dist Wardha
Organizing unit/agency/collaborating agency	-
Number of students	15
Permission letter	Attached
Syllabus	Attached
Time table	Attached
Photos	Attached
Certificate copy	Attached
Attendance list	Attached
Feedback form	Attached
Brief report	During the academic year 2018 – 19, total 15 students were enrolled for 'Certificate course in Sericulture'. The admission form filled by students. The lectures were on Friday and Saturday morning 8 am to 10 am and the practical's were based on the silkworm rearing schedule. Course session starts from 15th July 2018 to 15 th January 2019. During this course, for practical sessions, students visited to the sericulture farmers field and learned the rearing practices and obstacles faced by farmers. Students after completing this course were certified.




PRINCIPAL
Vidyabharti College, Seloo



Students were plucking mulberry leaves in Farmer's field during their field visit



Students feeding silkworms in farmer's rearing facility


Convener of the Course




Principal

PRINCIPAL
Dr. R. G. Bhojar Arts, Comm.
& Science College, SELOO

To,

The principal,
Vidyabharti College, Seloo
Dist. Wardha

Subject – Permission for running the six-month course, ‘Certificate course in Sericulture’

Resp Sir,

I undersigned, Dr. Karuna P. Ganvir, Assistant Professor, Department of Zoology of your college, want your permission for running the six-month course, ‘Certificate Course in Sericulture’ for the session 2018-2019. I hope you will kindly approve and give the permission for this course.

Thank you.

Granted.

[Signature]

PRINCIPAL
Dr. R. G. Bhojar Arts, Comm.
& Science College, SELOO

[Signature]

Your Obedient

Dr. Karuna P. Ganvir



Vidyabharti College, Seloo

SYLLABUS FOR CERTIFICATE COURSE IN SERICULTURE

Session 2018-2019

PAPER I (Moriculture and Silkworm Biology)

Unit I - Introduction to Sericulture

- 1.1 History and present status
- 1.2 Silkworm types, host plants
- 1.3 Silk production of mulberry and non-mulberry sericulture in India.
- 1.4 Recent trends in Sericulture. Modernization of culture practices high yielding hybrid races of silkworm.

Unit II - Moriculture

- 2.1 Mulberry Plantation and management
- 2.2 Mulberry varieties
- 2.3 Mulberry diseases and control
- 2.4 Mulberry pests and control

Unit III Silkworm Biology

- 3.1 Silkworm life cycle
- 3.2 Egg, larva, pupa and adult Morphology
- 3.3 Anatomy of Larva
- 3.4 Silk gland

Unit IV Silkworm Pests and diseases

- 4.1 Pebrine, Grasserie, Flacherie, Muscardine, symptoms and control
- 4.2 Use of disinfectants
- 4.3 Insect pests and control
- 4.4 Vertebrate pests and control



PAPER II (Silkworm rearing and Marketing)

Unit I - Rearing house and equipment

- 1.1 Rearing house (model and thatched roof)
- 1.2 Rearing equipment
- 1.3 Disinfection of rearing house
- 1.4 Disinfection of rearing equipment

Unit II - Rearing methods

- 2.1 Brushing
- 2.2 Early age rearing
- 2.3 Late age rearing
- 2.4 Feeding schedule during rearing and artificial diet

Unit III - Harvesting and preservation of cocoons

- 3.1 Harvesting of cocoons, methods
- 3.2 Types of preservation of cocoons
- 3.3 Stifling
- 3.4 Reeling methods

Unit IV - Marketing


- 4.1 Gradation of cocoons and yarn
- 4.2 Marketing of multivoltine, bivoltine and hybrid cocoons
- 4.3 Cost and production of rearing
- 4.4 Indian and international market

Practical

1. Identification of Mulberry varieties
2. Preparation of land for mulberry sowing
3. Methods of pruning
4. Management of plantation and use of fertilizers
5. Field collection of diseases and pests of mulberry
6. Disinfection of rearing house
7. Rearing of silkworm
8. Cocoon harvesting
9. Reeling
10. Preparation of life cycle of silkworm
11. Study tour


PRINCIPAL

Dr. R. G. Bhojar Arts, Comm.
& Science College, SELOO


Convener of the Course

(Dr. K. P. Ganvi)



Vidyabharti College, Seloo, Dist. Wardha

CERTIFICATE COURSE IN SERICULTURE

Time table

Session 2018-19

Days	Periods	Time
Friday	Theory	8 am to 10 am
Saturday	Theory	8 am to 10 am
According to rearing schedule	Practical	-



[Handwritten Signature]

PRINCIPAL

Dr. R. G. Dhoyar Arts, Comm.
& Science College, SELOO

[Handwritten Signature]

Convener of the Program

(Dr. K. P. Ganviz)



Vidyabharti Sanstha, Wardha
Vidyabharti College, Seloo Dist. Wardha
NAAC Accredited 'B+'
Six-month course

'CERTIFICATE COURSE IN SERICULTURE'

This is to certify that Miss/Mr. _____
of class _____ has successfully completed the six-month course,
'Certificate course in Sericulture', conducted by Department of Zoology of our
college during the session 2018-2019.

Karuna P. Ganvir

Convener of the Course
Dr. Karuna P. Ganvir
Assistant Professor
Dept. of Zoology



Sanjay S. Kanode

Principal
Dr. Sanjay S. Kanode

VIDYABHARTI COLLEGE, SELOO, DIST. WARDHA

Department of Zoology

Certificate Course in Sericulture

Students Attendance (2018-19)

	Name of Student	Signature of Students							
		20/07/2018	21/07/2018	27/07/2018	28/07/2018	3/08/2018	4/08/2018	10/08/2018	11/08/2018
1	AKASH BHARAT THOMBRE	Akash Thombre	Akash thombre	Akash thombre	Akash thombre	Akash thombre	Akash thombre	Akash thombre	Akash thombre
2	KHUSHBOO PRAMOD SHENDE	K. P. Shende	K.P. Shende	K.P. Shende	K.P. Shende	K.P. Shende	K.P. Shende	K.P. Shende	K.P. Shende
3	RAHUL BABANRAO BHENDE	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende
4	RESHMA GOPAL KOHALE	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale
5	PRATIKSHA DNYANESHWARRAO PATIL	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
6	AKSHAY NARAYAN DUKARE	Dukare	Dukare	Dukare	Dukare	Dukare	Dukare	Dukare	Dukare



[Handwritten signature]

7	RENUKA ARUN SHENDE	<u>R. A. shende</u>	<u>R. A. shende</u>	<u>R. A. shende</u>	<u>R. A. shende</u>	<u>R. A. shende</u>	<u>R. A. shende</u>	<u>R. A. shende</u>	<u>R. A. shende</u>
8	AKSHAY DINESH DATEY	<u>A. Datey</u>	<u>A. Datey</u>	<u>A. Datey</u>	<u>A. Datey</u>	<u>A. Datey</u>	<u>A. Datey</u>	<u>A. Datey</u>	<u>A. Datey</u>
9	UZMA NAAZ MAJID SHAIKH	<u>U. Shaikh</u>	<u>U. Shaikh</u>	<u>U. Shaikh</u>	<u>U. Shaikh</u>	<u>U. Shaikh</u>	<u>U. Shaikh</u>	<u>U. Shaikh</u>	<u>U. Shaikh</u>
10	ASHWINI GANESHRAO KOTHE	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>
11	APURVA GAJANAN AUZEKAR	<u>A. Auzeke</u>	<u>A. Auzeke</u>	<u>A. Auzeke</u>	<u>A. Auzeke</u>	<u>A. Auzeke</u>	<u>A. Auzeke</u>	<u>A. Auzeke</u>	<u>A. Auzeke</u>
12	ARTI ANANT THAKARE	Arti Thakare	Arti Thakare	Arti Thakare	Arti Thakare	Arti Thakare	Arti Thakare	Arti Thakare	Arti Thakare
13	SUBODH UMAKANTRAO TALE	<u>S. Tale</u>	<u>S. Tale</u>	<u>S. Tale</u>	<u>S. Tale</u>	<u>S. Tale</u>	<u>S. Tale</u>	<u>S. Tale</u>	<u>S. Tale</u>
14	KANCHAN DILIP KUNGHATKAR	<u>K. Kunghatkar</u>	<u>K. Kunghatkar</u>	<u>K. Kunghatkar</u>	<u>K. Kunghatkar</u>	<u>K. Kunghatkar</u>	<u>K. Kunghatkar</u>	<u>K. Kunghatkar</u>	<u>K. Kunghatkar</u>
15	SHITAL VINODRAO BORKAR	<u>S. Borkar</u>	<u>S. Borkar</u>	<u>S. Borkar</u>	<u>S. Borkar</u>	<u>S. Borkar</u>	<u>S. Borkar</u>	<u>S. Borkar</u>	<u>S. Borkar</u>



Principle
 PRINCIPAL
 Dr. R. G. Bhojar Arts, Comm.
 & Science College, SELOO

	Name of Student	Signature of Students							
		17/08/2018	18/08/2018	24/08/2018	25/08/2018	31/08/2018	1/09/2018	7/09/2018	8/09/2018
1	AKASH BHARAT THOMBRE	Akash thombre	Akash thombre	Akash thombre	Akash thombre	Akash thombre	Akash thombre	Akash thombre	Akash thombre
2	KHUSHBOO PRAMOD SHENDE	K.P. Shende	K.P. Shende	K.P. Shende	K.P. Shende	K.P. Shende	K.P. Shende	K.P. Shende	K.P. Shende
3	RAHUL BABANRAO BHENDE	R. B. Bhende	R. B. Bhende	R. B. Bhende	R. B. Bhende	R. B. Bhende	R. B. Bhende	R. B. Bhende	R. B. Bhende
4	RESHMA GOPAL KOHALE	R. G. Kohale	R. G. Kohale	R. G. Kohale	R. G. Kohale	R. G. Kohale	R. G. Kohale	R. G. Kohale	R. G. Kohale
5	PRATIKSHA DNYANESHWARRAO PATIL	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
6	AKSHAY NARAYAN DUKARE	Akshay	Akshay	Akshay	Akshay	Akshay	Akshay	Akshay	Akshay
7	RENUKA ARUN SHENDE	R. A. shende	R. A. shende	R. A. shende	R. A. shende	R. A. shende	R. A. shende	R. A. shende	R. A. shende
8	AKSHAY DINESH DATEY	Akshay	Akshay	Akshay	Akshay	Akshay	Akshay	Akshay	Akshay
9	UZMA NAAZ MAJID SHAIKH	Shaikh	Shaikh	Shaikh	Shaikh	Shaikh	Shaikh	Shaikh	Shaikh



10	ASHWINI GANESHRAO KOTHE	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>
11	APURVA GAJANAN AUZEKAR	<u>Auzekar</u>	<u>Auzekar</u>	<u>Auzekar</u>	<u>Auzekar</u>	<u>Auzekar</u>	<u>Auzekar</u>	<u>Auzekar</u>	<u>Auzekar</u>
12	ARTI ANANT THAKARE	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre
13	SUBODH UMAKANTRAO TALE	<u>Seehar</u>	<u>Seehar</u>	<u>Seehar</u>	<u>Seehar</u>	<u>Seehar</u>	<u>Seehar</u>	<u>Seehar</u>	<u>Seehar</u>
14	KANCHAN DILIP KUNGHATKAR	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>
15	SHITAL VINODRAO BORKAR	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>




 PRINCIPAL
 Dr. R. G. Ehojar Arts, Comm.
 & Science College, SELOO

	Name of Student	Signature of Students							
		14/09/2018	15/09/2018	21/09/2018	22/09/2018	28/09/2018	29/09/2018	05/10/2018	06/10/2018
1	AKASH BHARAT THOMBRE	Akash thombre	Akash thombre	Akash thombre	Akash thombre	Akash thombre	Akash thombre	Akash thombre	Akash thombre
2	KHUSHBOO PRAMOD SHENDE	k.p.shende	k.p.shende	k.p.shende	k.p.shende	k.p.shende	k.p.shende	k.p.shende	k.p.shende
3	RAHUL BABANRAO BHENDE	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende
4	RESHMA GOPAL KOHALE	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale
5	PRATIKSHA DNYANESHWARRAO PATIL	Patil.	Patil.	Patil.	Patil.	Patil.	Patil.	Patil.	Patil..
6	AKSHAY NARAYAN DUKARE	Dukare	Dukare	Dukare	Dukare	Dukare	Dukare	Dukare	Dukare
7	RENUKA ARUN SHENDE	R.A.shende	R.A.shende	R.A.shende	R.A.shende	R.A.shende	R.A.shende	R.A.shende	R.A.shende.
8	AKSHAY DINESH DATEY	Aratay	Aratay	Aratay	Aratay	Aratay	Aratay.	Aratay	Aratay
9	UZMA NAAZ MAJID SHAIKH	Shaikh	Shaikh	Shaikh	Shaikh	Shaikh	Shaikh	Shaikh	Shaikh



10	ASHWINI GANESHRAO KOTHE	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>
11	APURVA GAJANAN AUZEKAR	<u>Aurava</u>	<u>Aurava</u>	<u>Aurava</u>	<u>Aurava</u>	<u>Aurava</u>	<u>Aurava</u>	<u>Aurava</u>	<u>Aurava</u>
12	ARTI ANANT THAKARE	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre
13	SUBODH UMAKANTRAO TALE	<u>Seebodh</u>	<u>Seebodh</u>	<u>Seebodh</u>	<u>Seebodh</u>	<u>Seebodh</u>	<u>Seebodh</u>	<u>Seebodh</u>	<u>Seebodh</u>
14	KANCHAN DILIP KUNGHATKAR	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>
15	SHITAL VINODRAO BORKAR	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>

R. G. Bhojar
PRINCIPAL

Dr. R. G. Bhojar Arts, Comm.
& Science College, SELOO



	Name of Student	Signature of Students							
		12/10/2018	13/10/2018	19/10/2018	20/10/2018	26/10/2018	27/10/2018	2/11/2018	3/11/2018
1	AKASH BHARAT THOMBRE	Akash Thombre	Akash Thombre	Akash Thombre	Akash Thombre	Akash Thombre	Akash Thombre	Akash Thombre	Akash Thombre
2	KHUSHBOO PRAMOD SHENDE	K.P.Shende	K.P.Shende	K.P.Shende	K.P.Shende	K.P.Shende	K.P.Shende	K.P.Shende	K.P.Shende
3	RAHUL BABANRAO BHENDE	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende
4	RESHMA GOPAL KOHALE	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale
5	PRATIKSHA DNYANESHWARRAO PATIL	Patil,	Patil,	Patil	Patil,	Patil,	Patil,	Patil,	Patil,
6	AKSHAY NARAYAN DUKARE	Akshay	Akshay	Akshay	Akshay	Akshay	Akshay	Akshay	Akshay
7	RENUKA ARUN SHENDE	R.A.shende	R.A.shende	R.A.shende	R.A.shende	R.A.shende	R.A.shende	R.A.shende	R.A.shende
8	AKSHAY DINESH DATEY	Akshay	Akshay	Akshay	Akshay	Akshay	Akshay	Akshay	Akshay
9	UZMA NAAZ MAJID SHAIKH	Uzma	Uzma	Uzma	Uzma	Uzma	Uzma	Uzma	Uzma



10	ASHWINI GANESHRAO KOTHE	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>
11	APURVA GAJANAN AUZEKAR	<u>Aurave</u>	<u>Aurave</u>	<u>Aurave</u>	<u>Aurave</u>	<u>Aurave</u>	<u>Aurave</u>	<u>Aurave</u>	<u>Aurave</u>
12	ARTI ANANT THAKARE	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre
13	SUBODH UMAKANTRAO TALE	<u>Seebodh</u>	<u>Seebodh</u>	<u>Seebodh</u>	<u>Seebodh</u>	<u>Seebodh</u>	<u>Seebodh</u>	<u>Seebodh</u>	<u>Seebodh</u>
14	KANCHAN DILIP KUNGHATKAR	<u>Kunghatka</u>	<u>Kunghatka</u>	<u>Kunghatka</u>	<u>Kunghatka</u>	<u>Kunghatka</u>	<u>Kunghatka</u>	<u>Kunghatka</u>	<u>Kunghatka</u>
15	SHITAL VINODRAO BORKAR	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>



R. G. Dhoyar
 PRINCIPAL
 Dr. R. G. Dhoyar Arts, Comm.
 & Science College, SELOO

	Name of Student	Signature of Students							
		9/11/2018	10/11/2018	16/11/2018	17/11/2018	23/11/2018	24/11/2018	30/11/2018	1/12/2018
1	AKASH BHARAT THOMBRE	Akash Thombre	Akash Thombre	Akash Thombre	Akash Thombre	Akash Thombre	Akash Thombre	Akash Thombre	Akash Thombre
2	KHUSHBOO PRAMOD SHENDE	K.P.Shende	K.P.Shende	K.P.Shende	K.P.Shende	K.P.Shende	K.P.Shende	K.P.Shende	K.P.Shende
3	RAHUL BABANRAO BHENDE	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende
4	RESHMA GOPAL KOHALE	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale
5	PRATIKSHA DNYANESHWARRAO PATIL	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
6	AKSHAY NARAYAN DUKARE	Dukare	Dukare	Dukare	Dukare	Dukare	Dukare	Dukare	Dukare
7	RENUKA ARUN SHENDE	R.A.shende	R.A.shende	R.A.shende	R.A.shende	R.A.shende	R.A.shende	R.A.shende	R.A.shende
8	AKSHAY DINESH DATEY	Datey	Datey	Datey	Datey	Datey	Datey	Datey	Datey
9	UZMA NAAZ MAJID SHAIKH	Shaikh	Shaikh	Shaikh	Shaikh	Shaikh	Shaikh	Shaikh	Shaikh




PRINCIPAL
 Vidyabharti College, Saleo

10	ASHWINI GANESHRAO KOTHE	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>
11	APURVA GAJANAN AUZEKAR	<u>Aurava</u>	<u>Aurava</u>	<u>Aurava</u>	<u>Aurava</u>	<u>Aurava</u>	<u>Aurava</u>	<u>Aurava</u>	<u>Aurava</u>
12	ARTI ANANT THAKARE	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre
13	SUBODH UMAKANTRAO TALE	<u>Seebad</u>	<u>Seebad</u>	<u>Seebad</u>	<u>Seebad</u>	<u>Seebad</u>	<u>Seebad</u>	<u>Seebad</u>	<u>Seebad</u>
14	KANCHAN DILIP KUNGHATKAR	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>
15	SHITAL VINODRAO BORKAR	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>



Dr. R. G. Bhoir
PRINCIPAL

Dr. R. G. Bhoir Arts, Comm.
& Science College, SELOO

Name of Student	Signature of Students								
	7/12/2018	8/12/2018	14/12/2018	15/12/2018	21/12/2018	22/12/2018			
1 AKASH BHARAT THOMBRE	Akash Thombre	Akash Thombre	Akash Thombre	Akash Thombre	Akash Thombre	Akash Thombre	Akash Thombre	Akash Thombre	Akash Thombre
2 KHUSHBOO PRAMOD SHENDE	K.P.Shende	K.P.Shende	K.P.Shende	K.P.Shende	K.P.Shende	K.P.Shende	K.P.Shende	K.P.Shende	K.P.Shende
3 RAHUL BABANRAO BHENDE	R.B. Bhende.	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende	R.B. Bhende
4 RESHMA GOPAL KOHALE	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale	R.G. Kohale
5 PRATIKSHA DNYANESHWARRAO PATIL	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>
6 AKSHAY NARAYAN DUKARE	<u>ADukare</u>	<u>ADukare</u>	<u>ADukare</u>	<u>ADukare</u>	<u>ADukare</u>	<u>ADukare</u>	<u>ADukare</u>	<u>ADukare</u>	<u>ADukare</u>
7 RENUKA ARUN SHENDE	R.A.Shende	R.A.Shende	R.A.Shende	R.A.Shende	R.A.Shende	R.A.Shende	R.A.Shende	R.A.Shende	R.A.Shende
8 AKSHAY DINESH DATEY	<u>ADatey</u>	<u>ADatey</u>	<u>ADatey</u>	<u>ADatey</u>	<u>ADatey</u>	<u>ADatey</u>	<u>ADatey</u>	<u>ADatey</u>	<u>ADatey</u>
9 UZMA NAAZ MAJID SHAIKH	<u>Uzma</u>	<u>Uzma</u>	<u>Uzma</u>	<u>Uzma</u>	<u>Uzma</u>	<u>Uzma</u>	<u>Uzma</u>	<u>Uzma</u>	<u>Uzma</u>



10	ASHWINI GANESHRAO KOTHE	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>	<u>Ashwini</u>
11	APURVA GAJANAN AUZEKAR	<u>Aurva</u>	<u>Aurva</u>	<u>Aurva</u>	<u>Aurva</u>	<u>Aurva</u>	<u>Aurva</u>	<u>Aurva</u>	<u>Aurva</u>
12	ARTI ANANT THAKARE	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre	Arti Thakre
13	SUBODH UMAKANTRAO TALE	<u>Subodh</u>	<u>Subodh</u>	<u>Subodh</u>	<u>Subodh</u>	<u>Subodh</u>	<u>Subodh</u>	<u>Subodh</u>	<u>Subodh</u>
14	KANCHAN DILIP KUNGHATKAR	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>	<u>Kunghatkar</u>
15	SHITAL VINODRAO BORKAR	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>	<u>Shital</u>



[Signature]
PRINCIPAL
 Dr. R. G. Bhojar Arts, Comm.
 & Science College, SELOO

[Signature]
Co-ordinator
 Internal Quality Assurance Cell
 Vidyabharti College, SELOO

Course Feedback Form

Vidyabharti College, Seloo, Dist. Wardha
Department of Zoology
Certificate Course in sericulture
Session 2018-2019

Please tick the short questionnaire to make the course better

S.N.	Questions	Yes/No	Feedback			
			Excellent	Very good	Good	Poor
1	Is the course beneficial to you?					
2	Do you like the course content?					
3	Is your syllabus completed?					
4	Did you get the study material?					
5	How your teacher taught the subject?					
6	Did the Practical held?					
7	Did the course completed within six months?					
8	Did the teacher solved your queries regarding the course?					
9	Did the teacher taken your tests or assignments?					
10	Will you suggest other students for doing this course?					

Arvish



R. G. Bhojar

PRINCIPAL

Dr. R. G. Bhojar Arts, Comm. & Science College, SELOO

A
Principal
Vidyabharti College, Seloo
Wardha, Dist. Wardha
Maharashtra
431 001



Vidyabharti Sanstha, Wardha's
Vidyabharti College, Seloo

(Art's, Commerce & Science)

Th. Seloo, Wardha - 442 104

College Index :

Sr. - 868

Jr. 07.08.006

Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

Ref.No. Vbcs / /

Date : / /

Academic year	2017-18
Name of Activity	'Certificate course in Sericulture'
Duration of the Course	6 months
Date of Activity	15 July 2017-15 January 2018
Organised by	Dept. of Zoology, Vidyabharti College, Seloo, Dist Wardha
Organizing unit/agency/collaborating agency	-
Number of students	15
Permission letter	Attached
Syllabus	Attached
Time table	Attached
Photos	Attached
Certificate copy	Attached
Attendance list	Attached
Feedback form	Attached
Brief report	<p>During the academic year 2017 – 18, total 15 students were enrolled for 'Certificate course in Sericulture'. The lectures were on Friday and Saturday morning 8am to 10am and the practical were based on the silkworm rearing schedule. Students reared silkworms during the months September- October in college campus and gain 3kg of cocoon. This production of cocoon was preserved by oven drying.</p> <p>Study tour - During this session study tour was organized on 19 August 2017 at Basic Seed Multiplication and Training Centre (BSMTC), Central Sericulture Board, Devlipar and Mohadi Dist. Bhandara. The main aim of tour was to encourage and update the knowledge of students about Tasar Silkworm rearing, cocoon reeling, weaving and to study animal and plant diversity. Students observed storage, mating, egg laying of moths of wild Tasar silkworms rearing.</p> <p>In village Mohadi, which is near about 15 km from Devlipar, students observed and learned to prepare silk thread by reeling procedure as well as weaving silk sarees on handloom. The main aim of tour was to encourage and update the knowledge of students about Tasar Silkworm rearing. The teaching faculties Dr. A. D. Tiple, Head of the Zoology Department, Dr. Karuna P. Ganvir and Dr. Khushal Pathade were present in this tour with students.</p> <p>During this certificate course, student also visited farmer's field on 5th December at Zadshi, Tah. Seloo, where they learned how to rear the mulberry silkworms on large scale.</p>




PRINCIPAL
Vidyabharti College, Seloo



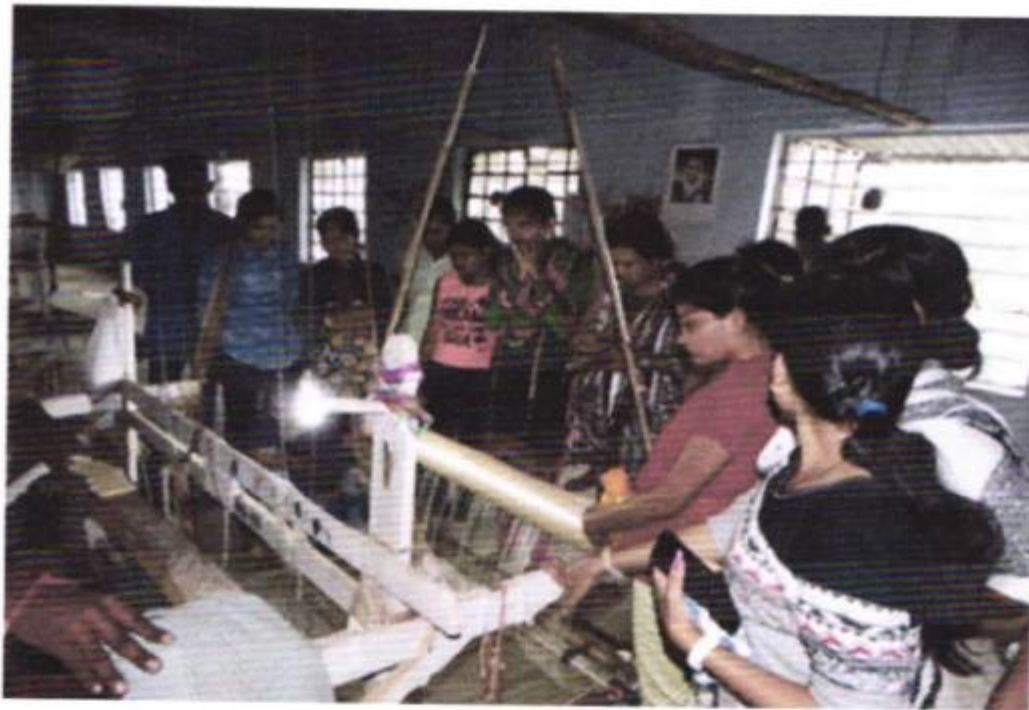
Mr. Ramteke dictating about the cocoons of Tasar silkworms to the students




Dr. Ashish Tiple, Dr. Khushal Pathade and Dr. Karuna Ganvir with students at (BSMTC), Central Sericulture Board, Devlipar Dist. Bhandara




PRINCIPAL
Vidyabharti College, Seloo



Students getting knowledge of preparation of Tasar Silk sarees at Mohadi, Dist. Bhandara

	<p>Vidyabharti Sanatha, Wardha's Vidyabharti College, Seloo (Arts, Commerce & Science) Th. Seloo, Wardha - 442 104 Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur</p>	<p>College Index : No. - 444 J. 87 59 008</p>
<p>Estd. 2006 Ref No. Voca / 1</p>		<p>Date - 13/08/2017</p>
<p>To, The Director, B.S.M.T.C. Devigar Dist. Bhandara</p>		
<p>Subject - Permission for Study tour visit at your Centre.</p>		
<p>Resp. Sir, I Undersigned Dr. A. D. Tiple, Assistant Professor and Head of Zoology Department, want to request you to kindly permit us to visit your centre on date 19th August 2017. Thank you.</p>		
		<p><i>A. D. Tiple</i> Your faithful, Dr. A. D. Tiple</p>
<p><i>o/c</i> <i>Received</i> <i>19/8/17</i> <i>Bhandara</i></p>		

Ganviz
 (Dr. K. P. Ganviz)
 Convener of Course



R. G. Bhojar
PRINCIPAL
 Dr. R. G. Bhojar Arts, Comm.
 & Science College, SELOO

To,

The principal,

Vidyabharti College, Seloo

Dist. Wardha

Subject – Permission for running the six-month course, 'Certificate course in Sericulture'

Resp Sir,

I undersigned, Dr. Karuna P. Ganvir, Assistant Professor, Department of Zoology of your college, want your permission for running the six-month course, 'Certificate Course in Sericulture' for the session 2017- 18 onwards. I hope you will kindly approve and give the permission for this course.

Thank you.

Granted
Amal

PRINCIPAL
Dr. R. G. Bhojkar Arts, Comm.
& Science College, SELOO

Karuniz
Your Obedient

Dr. Karuna P. Ganvir



Vidyabharti College, Seloo

SYLLABUS FOR CERTIFICATE COURSE IN SERICULTURE

Session 2017-18

PAPER I (Moriculture and Silkworm Biology)

Unit I - Introduction to Sericulture

- 1.1 History and present status
- 1.2 Silkworm types, host plants
- 1.3 Silk production of mulberry and non-mulberry sericulture in India.
- 1.4 Recent trends in Sericulture. Modernization of culture practices high yielding hybrid races of silkworm.

Unit II - Moriculture

- 2.1 Mulberry Plantation and management
- 2.2 Mulberry varieties
- 2.3 Mulberry diseases and control
- 2.4 Mulberry pests and control

Unit III Silkworm Biology

- 3.1 Silkworm life cycle
- 3.2 Egg, larva, pupa and adult Morphology
- 3.3 Anatomy of Larva
- 3.4 Silk gland

Unit IV Silkworm Pests and diseases

- 4.1 Pebrine, Grasserie, Flacherie, Muscardine, symptoms and control
- 4.2 Use of disinfectants
- 4.3 Insect pests and control
- 4.4 Vertebrate pests and control



Co-ordinator
Internal Quality Assurance Cell
Vidyabharti College, SELOO

Dr. C. S. ...

PAPER II (Silkworm rearing and Marketing)

Unit I - Rearing house and equipment

- 1.1 Rearing house (model and thatched roof)
- 1.2 Rearing equipment
- 1.3 Disinfection of rearing house
- 1.4 Disinfection of rearing equipment

Unit II - Rearing methods

- 2.1 Brushing
- 2.2 Early age rearing
- 2.3 Late age rearing
- 2.4 Feeding schedule during rearing and artificial diet

Unit III - Harvesting and preservation of cocoons

- 3.1 Harvesting of cocoons, methods
- 3.2 Types of preservation of cocoons
- 3.3 Stifling
- 3.4 Reeling methods

Unit IV - Marketing

- 4.1 Gradation of cocoons and yarn
- 4.2 Marketing of multivoltine, bivoltine and hybrid cocoons
- 4.3 Cost and production of rearing
- 4.4 Indian and international market

Practical

1. Identification of Mulberry varieties
2. Preparation of land for mulberry sowing
3. Methods of pruning
4. Management of plantation and use of fertilizers
5. Field collection of diseases and pests of mulberry
6. Disinfection of rearing house
7. Rearing of silkworm
8. Cocoon harvesting
9. Reeling
10. Preparation of life cycle of silkworm
11. Study tour


PRINCIPAL
Dr. R. G. Bhojar Arts, Comm.
& Science College, SELCO




Convener of the Course

(Dr. K. P. Gannu)

Vidyabharti College, Seloo, Dist. Wardha

CERTIFICATE COURSE IN SERICULTURE

Time table

Session 2017-18

Days	Periods	Time
Friday	Theory	8 am to 10 am
Saturday	Theory	8 am to 10 am
According to rearing schedule	Practical	-



R. G. Bhojar

PRINCIPAL

Dr. R. G. Bhojar Arts, Comm.
& Science College, SELOO

K. P. Ganit

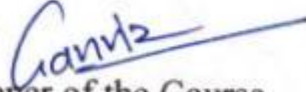
Convener of the Program


Dr. K. P. Ganit



Vidyabharti Sanstha, Wardha
Vidyabharti College, Seloo Dist. Wardha
NAAC Accredited 'B+'
Six-month course
'Certificate course in Sericulture'

This is to certify that Miss/Mr. _____
of class _____ has successfully completed the six-month
course, '**Certificate course in Sericulture**', conducted by Department of
Zoology of our college during the session 2017-2018.


Convener of the Course
Dr. Karuna P. Ganvir
Assistant Professor
Dept. of Zoology


Principal
Dr. Sanjay S. Kanode



Vidyabharti College, Seloo, Dist. Wardha

Department of Zoology

Certificate Course in Sericulture

Students Attendance (2017-18)

Name of Student	Signature of Students							
	15/07/2017	21/07/2017	22/07/2017	28/07/2017	29/07/2017	4/08/2018	5/08/2018	11/08/2018
1 KAJAL DNYANESHWAR DHAGE	<u>KDhage</u>	<u>KDhage</u>	<u>KDhage</u>	<u>KDhage</u>	<u>KDhage</u>	<u>KDhage</u>	<u>KDhage</u>	<u>KDhage</u>
2 AARTI MARUTI WANKHEDE	<u>AWankhede</u>	<u>AWankhede</u>	<u>AWankhede</u>	<u>AWankhede</u>	<u>AWankhede</u>	<u>AWankhede</u>	<u>AWankhede</u>	<u>AWankhede</u>
3 PRANITA SANJAY DEOTARE	<u>P.S.Deotare</u>	<u>P.S.Deotare</u>	<u>P.S.Deotare</u>	<u>P.S.Deotare</u>	<u>P.S.Deotare</u>	<u>P.S.Deotare</u>	<u>P.S.Deotare</u>	<u>P.S.Deotare</u>
4 PRANALI HEMANTRAO DHABARDE	<u>PDhabarde</u>	<u>PDhabarde</u>	<u>PDhabarde</u>	<u>PDhabarde</u>	<u>PDhabarde</u>	<u>PDhabarde</u>	<u>PDhabarde</u>	<u>PDhabarde</u>
5 SHUBHAM SHALIK ZADE	<u>SShubham</u>	<u>SShubham</u>	<u>SShubham</u>	<u>SShubham</u>	<u>SShubham</u>	<u>SShubham</u>	<u>SShubham</u>	<u>SShubham</u>
6 MAHEVISH TANVEER ABDUL MAJEED SHEIKH	<u>MSheikh</u>	<u>MSheikh</u>	<u>MSheikh</u>	<u>MSheikh</u>	<u>MSheikh</u>	<u>MSheikh</u>	<u>MSheikh</u>	<u>MSheikh</u>
7 SWETA RAMESHRAO JAMBHULKAR	<u>SWeta</u>	<u>SWeta</u>	<u>SWeta</u>	<u>SWeta</u>	<u>SWeta</u>	<u>SWeta</u>	<u>SWeta</u>	<u>SWeta</u>
8 SURAJ SUBHASHRAO DHANVIJ	<u>SDhanvij</u>	<u>SDhanvij</u>	<u>SDhanvij</u>	<u>SDhanvij</u>	<u>SDhanvij</u>	<u>SDhanvij</u>	<u>SDhanvij</u>	<u>SDhanvij</u>



	Name of Student	Signature of Students							
		12/08/2017	18/08/2017	19/08/2017	25/08/2017	26/08/2017	1/09/2017	2/09/2017	8/09/2017
1	KAJAL DNYANESHWAR DHAGE	<u>Dhage</u>	<u>Dhage</u>	<u>Dhage</u>	<u>Dhage</u>	<u>Dhage</u>	<u>Dhage</u>	<u>Dhage</u>	<u>Dhage</u>
2	AARTI MARUTI WANKHEDE	<u>Wankhede</u>	<u>Wankhede</u>	<u>Wankhede</u>	<u>Wankhede</u>	<u>Wankhede</u>	<u>Wankhede</u>	<u>Wankhede</u>	<u>Wankhede</u>
3	PRANITA SANJAY DEOTARE	<u>P.S.Deotare</u>	<u>P.S.Deotare</u>	<u>P.S.Deotare</u>	<u>P.S.Deotare</u>	<u>P.S.Deotare</u>	<u>P.S.Deotare</u>	<u>P.S.Deotare</u>	<u>P.S.Deotare</u>
4	PRANALI HEMANTRAO DHABARDE	<u>Dhabarde</u>	<u>Dhabarde</u>	<u>Dhabarde</u>	<u>Dhabarde</u>	<u>Dhabarde</u>	<u>Dhabarde</u>	<u>Dhabarde</u>	<u>Dhabarde</u>
5	SHUBHAM SHALIK ZADE	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>
6	MAHEVISH TANVEER ABDUL MAJEED SHEIKH	<u>Sheikh</u>	<u>Sheikh</u>	<u>Sheikh</u>	<u>Sheikh</u>	<u>Sheikh</u>	<u>Sheikh</u>	<u>Sheikh</u>	<u>Sheikh</u>
7	SWETA RAMESHRAO JAMBHULKAR	<u>Sweta</u>	<u>Sweta</u>	<u>Sweta</u>	<u>Sweta</u>	<u>Sweta</u>	<u>Sweta</u>	<u>Sweta</u>	<u>Sweta</u>
8	SURAJ SUBHASHRAO DHANVIJ	<u>Dhanvij</u>	<u>Dhanvij</u>	<u>Dhanvij</u>	<u>Dhanvij</u>	<u>Dhanvij</u>	<u>Dhanvij</u>	<u>Dhanvij</u>	<u>Dhanvij</u>
9	PAYAL DATTAJI KHEDKAR	<u>Payal</u>	<u>Payal</u>	<u>Payal</u>	<u>Payal</u>	<u>Payal</u>	<u>Payal</u>	<u>Payal</u>	<u>Payal</u>
10	TINA VIJAY KUMBHARE	<u>Kumbhare</u>	<u>Kumbhare</u>	<u>Kumbhare</u>	<u>Kumbhare</u>	<u>Kumbhare</u>	<u>Kumbhare</u>	<u>Kumbhare</u>	<u>Kumbhare</u>



	Name of Student	Signature of Students							
		9/09/2017	15/09/2017	16/09/2017	22/09/2017	23/09/2017	29/09/2017	30/09/2017	6/10/2017
1	KAJAL DNYANESHWAR DHAGE	<u>K Dhage</u>	<u>D Dhage</u>	<u>P Dhage</u>	<u>K Dhage</u>	<u>P Dhage</u>	<u>K Dhage</u>	<u>P Dhage</u>	<u>P Dhage</u>
2	AARTI MARUTI WANKHEDE	<u>A Wankhede</u>	<u>A Wankhede</u>	<u>A Wankhede</u>	<u>A Wankhede</u>	<u>A Wankhede</u>	<u>A Wankhede</u>	<u>A Wankhede</u>	<u>A Wankhede</u>
3	PRANITA SANJAY DEOTARE	<u>P.S. Deotare</u>	<u>P.S. Deotare</u>	<u>P.S. Deotare</u>	<u>P.S. Deotare</u>	<u>P.S. Deotare</u>	<u>P.S. Deotare</u>	<u>P.S. Deotare</u>	<u>P.S. Deotare</u>
4	PRANALI HEMANTRAO DHABARDE	<u>P Dhabarde</u>	<u>P Dhabarde</u>	<u>P Dhabarde</u>	<u>P Dhabarde</u>	<u>P Dhabarde</u>	<u>P Dhabarde</u>	<u>P Dhabarde</u>	<u>P Dhabarde</u>
5	SHUBHAM SHALIK ZADE	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>
6	MAHEVISH TANVEER ABDUL MAJEED SHEIKH	<u>M Sheikh</u>	<u>M Sheikh</u>	<u>M Sheikh</u>	<u>M Sheikh</u>	<u>M Sheikh</u>	<u>M Sheikh</u>	<u>M Sheikh</u>	<u>M Sheikh</u>
7	SWETA RAMESHRAO JAMBHULKAR	<u>Sweta</u>	<u>Sweta</u>	<u>Sweta</u>	<u>Sweta</u>	<u>Sweta</u>	<u>Sweta</u>	<u>Sweta</u>	<u>Sweta</u>
8	SURAJ SUBHASHRAO DHANVIJ	<u>S Dhavij</u>	<u>S Dhavij</u>	<u>S Dhavij</u>	<u>S Dhavij</u>	<u>S Dhavij</u>	<u>S Dhavij</u>	<u>S Dhavij</u>	<u>S Dhavij</u>
9	PAYAL DATTAJI KHEDKAR	<u>Poyal</u>	<u>Poyal</u>	<u>Poyal</u>	<u>Poyal</u>	<u>Poyal</u>	<u>Poyal</u>	<u>Poyal</u>	<u>Poyal</u>
10	TINA VIJAY KUMBHARE	<u>T Kumbhare</u>	<u>T Kumbhare</u>	<u>T Kumbhare</u>	<u>T Kumbhare</u>	<u>T Kumbhare</u>	<u>T Kumbhare</u>	<u>T Kumbhare</u>	<u>T Kumbhare</u>



	Name of Student	Signature of Students						
		7/10/2017	13/10/2017	14/10/2017	20/10/2017			
1	KAJAL DNYANESHWAR DHAGE	<u>K Dhage</u>	<u>K Dhage</u>	<u>K Dhage</u>	<u>K Dhage</u>	<u>K Dhage</u>	<u>K Dhage</u>	<u>K Dhage</u>
2	AARTI MARUTI WANKHEDE	<u>A Wankhede</u>	<u>A Wankhede</u>	<u>A Wankhede</u>	<u>A Wankhede</u>	<u>A Wankhede</u>		
3	PRANITA SANJAY DEOTARE	<u>P.S. Deotare</u>	<u>P.S. Deotare</u>	<u>P.S. Deotare</u>	<u>P.S. Deotare</u>	<u>P.S. Deotare</u>	<u>P.S. Deotare</u>	<u>P.S. Deotare</u>
4	PRANALI HEMANTRAO DHABARDE	<u>P Dhabarde</u>	<u>P Dhabarde</u>	<u>P Dhabarde</u>	<u>P Dhabarde</u>	<u>P Dhabarde</u>	<u>P Dhabarde</u>	<u>P Dhabarde</u>
5	SHUBHAM SHALIK ZADE	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>
6	MAHEVISH TANVEER ABDUL MAJEED SHEIKH	<u>M Sheikh</u>	<u>M Sheikh</u>	<u>M Sheikh</u>	<u>M Sheikh</u>	<u>M Sheikh</u>	<u>M Sheikh</u>	<u>M Sheikh</u>
7	SWETA RAMESHRAO JAMBHULKAR	<u>Sweta</u>	<u>Sweta</u>	<u>Sweta</u>	<u>Sweta</u>	<u>Sweta</u>	<u>Sweta</u>	<u>Sweta</u>
8	SURAJ SUBHASHRAO DHANVIJ	<u>S Dhavij</u>	<u>S Dhavij</u>	<u>S Dhavij</u>	<u>S Dhavij</u>	<u>S Dhavij</u>	<u>S Dhavij</u>	<u>S Dhavij</u>
9	PAYAL DATTAJI KHEDKAR	<u>Poyal</u>	<u>Poyal</u>	<u>Poyal</u>	<u>Poyal</u>	<u>Poyal</u>	<u>Poyal</u>	<u>Poyal</u>
10	TINA VIJAY KUMBHARE	<u>T Kumbhar</u>	<u>T Kumbhar</u>	<u>T Kumbhar</u>	<u>T Kumbhar</u>	<u>T Kumbhar</u>	<u>T Kumbhar</u>	<u>T Kumbhar</u>



11	SANKET UPENDRA BHONDE	<u>Sbbonde</u>	<u>Sbbonde</u>	<u>Sbbonde</u>	<u>Sbbonde</u>	<u>Sbbonde</u>	<u>Sbbonde</u>	<u>Sbbonde</u>	<u>Sbbonde</u>
12	PRIYA GANESH PACHARE	<u>Pachare</u>	<u>Pachare</u>	<u>Pachare</u>	<u>Pachare</u>	<u>Pachare</u>	<u>Pachare</u>	<u>Pachare</u>	<u>Pachare</u>
13	NAYANA MAHADEO SONTAKKE	<u>Sontakke</u>	<u>Sontakke</u>	<u>Sontakke</u>	<u>Sontakke</u>	<u>Sontakke</u>	<u>Sontakke</u>	<u>Sontakke</u>	<u>Sontakke</u>
14	PUJA JANARDHANRAO KUBADE	<u>Puja</u>	<u>Puja</u>	<u>Puja</u>	<u>Puja</u>	<u>Puja</u>	<u>Puja</u>	<u>Puja</u>	<u>Puja</u>
15	PAYAL NARAYANRAO DUKARE	<u>Dukare</u>	<u>Dukare</u>	<u>Dukare</u>	<u>Dukare</u>	<u>Dukare</u>	<u>Dukare</u>	<u>Dukare</u>	<u>Dukare</u>



Co-ordinator

Internal Quality Assurance Cell
Vidyabharti College, SELOO

Amal
PRINCIPAL

Dr. R. G. Bhojar Arts, Comm.
& Science College, SELOO



Vidyabharti College, Seloo, Dist. Wardha
Department of Zoology
'Certificate Course in sericulture'
Session 2017-18

Please tick () questionnaire to make the course better

S. N.	Questions	Yes/No	Feedback			
			Excellent	Very good	Good	Poor
1	Is the course beneficial to your career?					
2	Do you like the course content?					
3	Is your syllabus completed?					
4	Did you get the study material?					
5	How your teacher taught the subject?					
6	Did the Practical held time to time?					
7	Did the course completed within six months?					
8	Did the teacher solved your queries regarding the course?					
9	Did the teacher taken your tests or assignments?					
10	Will you suggest other students for doing this course?					

Ganvi

[Signature]
Co-ordinator

Internal Quality Assurance Cell
Vidyabharti College, Seloo

[Signature]

PRINCIPAL
Dr. R. G. Bhojar Arts, Comm.
& Science College, SELOO

