

Shri Sarda Education Society (Trust)'s
(A linguistic Minority Educational Institute)

Smt Radhabai Sarda Arts, Commerce & Science College Anjangaon Surji

Department of Zoology
Academic Session: 2018-2019

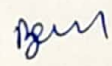
To
The Principal,
Smt Radhabai Sarda Arts, Commerce &
Science College, Anjangaon Surji

Subject: Regarding Permission to conduct Certificate Course entitled "Sericulture"
during the academic session 2018-2019

Hon'ble Sir,

With reference to above subject, I request you to kindly grant us permission for conducting the said course in the department of Zoology. The duration of the course will be 30 hours (2 hours X 15 working days). The syllabus of the course is enclosed herewith for your kind consideration. The course will be fruitful for the students keeping in mind their development for joint business along with the agriculture practices which prove to be economic in very less investments.

With regards,


PRINCIPAL
Smt. Radhabai Sarda
Arts, Commerce & Science College
Anjangaon Surji

Yours faithfully,

Date: 19 /09/2018

Place: Anjangaon Surji

Enclosures:

1. Syllabus of Certificate Course


Head, Department of Zoology

HEAD
Department of Zoology
Smt. Radhabai Sarda College
Anjangaon Surji

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Smt Radhibai Sarda Arts, Commerce & Science College, Anjangaon Surji Dist Amravati.
Department of Zoology

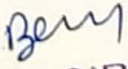
Certificate Course on Sericulture

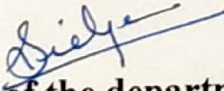
NOTICE

Session: 2018-2019

All the faculty member of department are informed that a departmental meeting related to certificate course is arranged on 21 September 2018 at 11:30 AM at the department of Zoology. You all are requested to present for the meeting with some innovative ideas. The minutes of the meeting are as follows.

1. It was unanimously decided to start certificate course for 30 Hours
2. To decide the topic and design syllabus
3. To frame the time table
4. Student would be taken to field visit , during the course for practical knowledge
5. Exam will be conducted after completion of the course


PRINCIPAL
Smt. Radhabai Sarda
Arts, Commerce & Science College
Anjangaon Surji


Head of the department
HEAD
Department of Zoology
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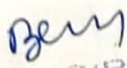
Department of Zoology
Certificate Course on Sericulture

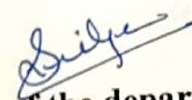
NOTICE

Session: 2018-2019

All the students BSc III are hereby informed that department of Zoology is going to start a certificate course of 'Sericulture' from 1st October 2018 to 17th October 2018. Those students who are interested in the mentioned certificate course can confirm admission on or before 29th September 2018.

Date: 24/09/2018


PRINCIPAL
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Anjagaon Surji


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Anjagaon Surji

Shri Sarda Education Society (Trust)'s
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Smt Radhabai Sarda Arts, Commerce and Science College Anjangaon Surji

Department Of Zoology
Academic Session: 2018-19

List of Enrolled students for Certificate Course "Sericulture"

Sn	Id	Name Of The Student	Class	Signature
1	3766	Vaishnavi N. Khode	BSc III	<i>V. Khode</i>
2	3785	Vaishnavi S. Kale	BSc III	<i>V. Kale</i>
3	3789	Shruti D. Padole	BSc III	<i>S. Padole</i>
4	3817	Rajashri Manohar Gole	BSc III	<i>R. Gole</i>
5	3818	Pratiksha A. Parkare	BSc III	<i>P. Parkare</i>
6	3820	Nutan G. Gotmare	BSc III	<i>N. Gotmare</i>
7	3825	Ravina S. Waghmare	BSc III	<i>R. Waghmare</i>
8	3834	Swati D. Patil	BSc III	<i>S. Patil</i>
9	3836	Radhika P. Khedkar	BSc III	<i>R. Khedkar</i>
10	3841	Sonali G. Ingale	BSc III	<i>S. Ingale</i>
11	3859	Aarti W. Badan	BSc III	<i>A. Badan</i>
12	3861	Divyani P. Rokade	BSc III	<i>D. Rokade</i>
13	3889	Sakshi S. Ugale	BSc III	<i>S. Ugale</i>
14	3891	Komal D. Kedar	BSc III	<i>K. Kedar</i>
15	3892	Chanchal R. Yeul	BSc III	<i>C. Yeul</i>
16	3893	Mohini V. Patil	BSc III	<i>M. V. Patil</i>
17	3903	Ankita M. Agrawal	BSc III	<i>A. Agrawal</i>
18	3909	Sneha S. Harne	BSc III	<i>S. Harne</i>
19	3922	Pranali S. Babhulakar	BSc III	<i>P. Babhulakar</i>
20	3929	Pallavi M. Rohankar	BSc III	<i>P. Rohankar</i>
21	3931	Adliya Khanam Riyaz Mohd.	BSc III	<i>A. Mohd.</i>
22	3947	Bhavna G. Chaudhari	BSc III	<i>B. Chaudhari</i>
23	4172	Anjali N. Shewane	BSc III	<i>A. Shewane</i>
24	4176	Humaira Afreen Syed Nazimuddin	BSc III	<i>H. Syed</i>
25	4178	Madiha Sabeen Aejaz Ahmad	BSc III	<i>M. Aejaz</i>
26	3759	Shweta S. Kanherkar	BSc III	<i>S. Kanherkar</i>
27	3731	Samiksha R. Charjan	BSc III	<i>S. Charjan</i>
28	3482	Kajal G. Sorgivkar	BSc III	<i>K. Sorgivkar</i>
29	3732	Vedangi S. Sontakke	BSc III	<i>V. Sontakke</i>
30	2350	Sanobar Sadaf Atique Ahmad	BSc III	<i>S. Ahmad</i>
31	3760	Vaishnavi A. Barabde	BSc III	<i>V. Barabde</i>
32	3743	Namrata D. Sultane	BSc III	<i>N. Sultane</i>
33	3737	Radha R. Gawhale	BSc III	<i>R. Gawhale</i>
34	3734	Humaira Wajahat Abdul Sadique	BSc III	<i>H. Sadique</i>
35	3535	Vaishnav G. Kale	BSc III	<i>V. Kale</i>

S. Kale
Coordinator

S. Kale
Head of the Department

HEAD
Department of Zoology
Smt. Radhabai Sarda College
Anjangaon Surji

B. M.
Principal
PRINCIPAL
Smt. Radhabai Sarda
Arts, Commerce & Science College
Anjangaon Surji

Shri Sarda Education Society's
(A Linguistic Minority Educational Institute)
Smt Radhabai Sarda Arts, Commerce & Science College
Anjangaon Surji, Dist Amravati - 444705

Application Form for Course Work

(Academic Session: 2018-2019)

Application Form No.: **000159**

Applicant's Name : Ky. Vaishnavi Naresh khode.

Father's Name: Naresh khode.

Permanent Address: At post. kumbhargaoon.

Tq. Anjangaon (surji) dist- Amravati.

District: Amravati State: Maharashtra Pin Code: 444705

Email ID: vaishnavi khode 21@gmail.com.

Phone No./Mobile No.:

9	5	2	7	6	7	3	4	3	3
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Gender:

Male

☐

Female

☒

Date of Birth: / /

Aadhaar Card No.

6	9	3	1	7	9	6	8	5	0	6	4
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Name of the Department: zoology

Class: B.sc IIIrd

Section: CBZ.

Course Applied For: Value Added/Certificate/Bridge Course/Add-on Program

Date of Admission in College: 31/07/2018.

ID Number: 3766

Category:

OPEN

☐

OBC

☒

SC

☐

ST

☐

NT

☐

VJ

☐

SBC

☐

Languages Known:

Marathi

☒

Hindi

☐

English

☐

Title of the Course: Sericulture.

N.B.: I Certify that the information I have given in this application is complete and correct. I am aware that false information grounds for expulsion.

Q. Khode.
Applicant's Signature

Shri Sarda Education Society's
(A Linguistic Minority Educational Institute)
Smt Radhabai Sarda Arts, Commerce & Science College
Anjangaon Surji, Dist Amravati - 444705

Application Form for Course Work

(Academic Session: 2018-2019)

Application Form No.: 000160

Applicant's Name : Ku. Vaishnavi S. Kale

Father's Name: _____

Permanent Address: At. post. kapustalri
Tq- Anjangaon surji dis. Amravati



District: Amravati State: _____ Pin Code: _____

Email ID: vaishnavi.kale800@gmail.com

Phone No./Mobile No.:

7	2	6	4	9	1	4	3	4	2
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Gender: Male ☐ Female ☒

Date of Birth: / /

Aadhaar Card No.

8	8	1	3	9	4	3	7	9	1	0	6
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Name of the Department: zoology

Class: BSc III (Sem III) Section: CB2

Course Applied For: Value Added/Certificate/Bridge Course/Add-on Program

Date of Admission in College: _____

ID Number: 3785

Category: OPEN ☐ OBC ☒ SC ☐ ST ☐ NT ☐ VJ ☐ SBC ☐

Languages Known: Marathi ☐ Hindi ☐ English ☒

Title of the Course: sericulture

N.B.: I Certify that the information I have given in this application is complete and correct. I am aware that false information grounds for expulsion.

Applicant's Signature

Shri Sarda Education Society's
(A Linguistic Minority Educational Institute)

Smt Radhabai Sarda Arts, Commerce & Science College
Anjangaon Surji, Dist Amravati - 444705

Application Form for Course Work

(Academic Session: 2018-2019)

Application Form No.: 000192

Applicant's Name: Ku. Shruti Dnyaneshwar Padole

Father's Name: Dnyaneshwar Padole

Permanent Address: At: Post: Bhandaraj

Tq: Anjangaon Dis: Amravati

District: Amravati State: Maharashtra Pin Code: _____

Email ID: shrutipadole98@gmail.com

Phone No./Mobile No.:

8	3	9	0	2	0	1	5	1	2
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Gender: Male ☐ Female ☒

Date of Birth: / /

Aadhaar Card No.

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Name of the Department: Zoology

Class: B.Sc III Section: CBZ

Course Applied For: Value Added/Certificate/Bridge Course/Add-on Program

Date of Admission in College: 31-07-2018

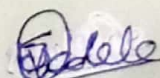
ID Number: 3798

Category: OPEN ☐ OBC ☐ SC ☐ ST ☐ NT ☒ VJ ☐ SBC ☐

Languages Known: Marathi ☒ Hindi ☐ English ☐

Title of the Course: sericulture

N.B.: I Certify that the information I have given in this application is complete and correct. I am aware that false information grounds for expulsion.


Applicant's Signature

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Smt Radhabai Sarda Arts, Commerce & Science College
Anjangaon Surji, Dist Amravati - 444705

Application Form for Course Work

(Academic Session: 2018-2019)

Application Form No.: **000187**

Applicant's Name : Ku. Rajasheer manohar Gole

Father's Name: _____

Permanent Address: At post. Hantoda

Tq. Anjangaon Surji. Dist :- Amravati

District: Amravati State: Maharashtra Pin Code: 444705

Email ID: Rajasheergole145@gmail.com

Phone No./Mobile No.:

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Gender: Male ☐ Female ☒

Date of Birth: / /

Aadhaar Card No.

6	2	3	9	8	5	8	9	9	5	8	2
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Name of the Department: Zoology

Class: BSC-III (Sem-VI) Section: _____

Course Applied For: Value Added/Certificate/Bridge Course/Add-on Program

Date of Admission in College: 31-7-2018

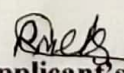
ID Number: 3817

Category: OPEN ☐ OBC ☒ SC ☐ ST ☐ NT ☐ VJ ☐ SBC ☐

Languages Known: Marathi ☐ Hindi ☐ English ☒

Title of the Course: seicwture

N.B.: I Certify that the information I have given in this application is complete and correct. I am aware that false information grounds for expulsion.

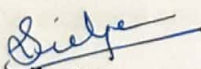

Applicant's Signature

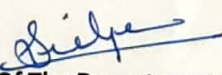
Shri Sarda Education Society's
Smt Radhabai Sarda Arts, Commerce and Science College Anjagaon Surji
Department of Zoology
Certificate Course on Sericulture

TIME TABLE

Session: 2018-2019

SN	DATE	TIME	TOPIC
1	01 October 2018	11:30 am	Inauguration and Interactive session with Guest.
2	02-03 October 2018	03-05 pm	Unit I
3	04-06 October 2018	03-05 pm	Unit II
4	08-10 October 2018	03-05 pm	Unit III
5	11-13 October 2018	03-05 pm	Unit IV
6	15-17 October 2018	03-05 pm	Unit V
7	18 October 2018	09-10:30 am	Exam


Coordinator


Head Of The Department
HEAD
Department of Zoology
Smt. Radhabai Sarda College
Anjangaon Surji


Principal
PRINCIPAL
Smt. Radhabai Sarda
Arts, Commerce & Science College
Anjangaon Surji

Shri Sarda Education Society (Trust)'s

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Smt Radhabai Sarda Arts, Commerce and Science College Anjagaon Surji

Department of Zoology

Certificate Course on Sericulture

Session: 2018-2019

SYLLABUS

Unit I: (02 Lectures = 04Hours)

- 1.1 Sericulture: Meaning and general introduction
- 1.2 Introduction and Aim of Sericulture.
- 1.3 Scope importance and present status in India

Unit II: (04 Lectures= 08 Hours)

- 2.1 Different species of Silk worm
- 2.2. Morphology, life cycle of Bombyx mori
- 2.3 Economic imp of Mulberry Silk.

Unit III: (04 Lectures= 08 Hours)

- 3.1 Life cycle and Rearing of Tasar Silkworm
- 3.2 Morphology and Life cycle of Muga Silkworm
- 3.3 Morphology and Life history of Eri Silkworm

Unit IV: (03 Lectures= 06 Hours)

- 4.1 Rearing of Mulberry silk worm
- 4.2 Spinning of Cocoon
- 4.3 Post Cocoon Processing

Unit V: (02 Lectures= 04Hours)

- 5.1 Diseases of Silkworm
- 5.2 Silk Development and Research

Reference Book :

R.L.Kotpal : Modern text Book of Phylum Arthropoda

Dr.G.S.Shukla and Dr.V.B.Upadyay : Economic zoology

Dr.D.B.Tembhare :Modern Entymology

Pradip V. Jabde : text book of applied zoology

G. Gangaaa and J. Sulochana Chetty: An Introduction to Sericulture

Dr. Amardev Singh and Dr. Ravinder Kumar: Sericulture Handbook

Dr. Ravinder Kumar: A Textbook On Sericulture Training

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ANJANGAON SURJI

Programme Outcome of a Certificate course entitled "Sericulture"

Academic Session 2018-2019

- To provide a knowledge about the commercially important species of silk moth.
- To provide a basic information about maintenance of sericulture unit.
- To provide thorough knowledge of sericulture business.
- To aware students about the different diseases of silk moth and how to prevent this diseases.
- To give a detailed idea of starting own sericulture business in less investment with the help of farm products.
- To aware students about marketing of silk.
- To give detailed knowledge about important uses of silk.
- To aware students about the demand of silk in the national and international market.

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Smt Radhabai Sarda Arts, Commerce and Science College Anjagaon Surji

Department of Zoology
(Academic Session: 2018-19)

Question paper

Name of the Course: Sericulture

Date: 18/10/18

Max Marks: 50

Q.1 Answer in one sentences.

10M

- i. Define: Sericulture.
- ii. Define: Post cocoon process
- iii. Name the different species of silk .
- iv. Classification if Bombyx mori
- v. What is hatching

Q.2 Write a short note on. (Any Two)

10M

- a. Aims and scopes of Sericulture.
- b. Diseases of Silkmoth
- c. Importance of silk.

Q.3 Describe the morphology and life cycle of Mulberry silkworm.

10M

OR

Q.3 Describe the diseases of silkworm.

Q.4 Write a short note on. (Any Two)

10M

- d. Rearing of Tassar silkworm.
- e. Reeling and Spinning
- j. Stifling.

Q.5 Write a short note on. (Any Two)

10M

- k. Spinning of Cocoon .
- l. Life cycle of Muga silkworm
- m. Name of silk research station and Institute.

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Department of Zoology

Session: 2018-2019

Examination of Certificate Course on Sericulture

Sn	Name of the Student	Class	Date	Signature
1	Vaishnavi N. Khode	BSc III		VNKhode
2	Vaishnavi S. Kale	BSc III		VSale
3	Shruti D. Padole	BSc III		SPadole
4	Rajashri Manohar Gole	BSc III		RMGole
5	Pratiksha A. Parkare	BSc III		PParkare
6	Nutan G. Gotmare	BSc III		NGotmare
7	Ravina S. Waghmare	BSc III		RWaghmare
8	Swati D. Patil	BSc III		SDPatil
9	Radhika P. Khedkar	BSc III		RKhedkar
10	Sonali G. Ingale	BSc III		SGIngale
11	Aarti W. Badan	BSc III		AWBadan
12	Divyani P. Rokade	BSc III		DP.Rokade
13	Sakshi S. Ugale	BSc III		S.S. u gale
14	Komal D. Kedar	BSc III		KKedar
15	Chanchal R. Yeul	BSc III		CRYeul
16	Mohini V. Patil	BSc III		MPatil
17	Ankita M. Agrawal	BSc III		A.Agrawal
18	Sneha S. Harne	BSc III		SHorne
19	Pranali S. Babhulakr	BSc III		PBabhulakr
20	Pallavi M. Rohankar	BSc III		PRohankar
21	Adliya Khanam Riyaz Mohd.	BSc III		AMohd
22	Bhavna G. Chaudhari	BSc III		BChaudhary
23	Anjali N. Shewane	BSc III		ANShewane
24	Humaira Afreen Syed Nazimuddin	BSc III		HNazimuddin
25	Madiha Sabeen Aejaz Ahmad	BSc III		MSAejaz
26	Shweta S. Kanherkar	BSc III		SKanherkar
27	Samiksha R. Charjan	BSc III		SCharjan
28	Kajal G. Sorgivkar	BSc III		KSorgivkar
29	Vedangi S. Sontakke	BSc III		VSontakke
30	Sanobar Sadaf Atique Ahmad	BSc III		SAAtique
31	Vaishnavi A. Barabde	BSc III		VBarabde
32	Namrata D. Sultane	BSc III		NSultane
33	Radha R. Gawhale	BSc III		RGawhale
34	Humaira Wajahat Abdul Sadique	BSc III		HWAbdul
35	Vaishnav G. Kale	BSc III		VGKale

Coordinator

Head of the Department

Principal

HEAD
Department of Zoology
Smt. Radhabai Sarda College
Anjagaon Surji

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Smt Radhabai Sarda Arts, Commerce and Science College Anjagaon Surji

Department of Zoology

Session: 2018-2019

Examination Result of Certificate Course on Sericulture

Sn	Name Of The Student	Max Marks	Marks Obtained	Signature
1	Vaishnavi N. Khode	50	40	V. Khode
2	Vaishnavi S. Kale	50	38	S. Kale
3	Shruti D. Padole	50	41	D. Padole
4	Rajashri Manohar Gole	50	35	R. Gole
5	Pratiksha A. Parkare	50	32	P. Parkare
6	Nutan G. Gotmare	50	44	G. Gotmare
7	Ravina S. Waghmare	50	42	R. Waghmare
8	Swati D. Patil	50	34	S. Patil
9	Radhika P. Khedkar	50	41	R. Khedkar
10	Sonali G. Ingale	50	41	S. Ingale
11	Aarti W. Badan	50	33	A. Badan
12	Divyani P. Rokade	50	39	D. P. Rokade
13	Sakshi S. Ugale	50	37	S. S. Ugale
14	Komal D. Kedar	50	48	C. D. Kedar
15	Chanchal R. Yeul	50	38	R. Yeul
16	Mohini V. Patil	50	36	M. V. Patil
17	Ankita M. Agrawal	50	33	A. Agrawal
18	Sneha S. Harne	50	45	S. Harne
19	Pranali S. Babhulakar	50	41	P. Babhulakar
20	Pallavi M. Rohankar	50	46	P. Rohankar
21	Adliya Khanam Riyaz Mohd.	50	34	A. Mohd
22	Bhavna G. Chaudhari	50	39	B. Chaudhari
23	Anjali N. Shewane	50	35	A. Shewane
24	Humaira Afreen Syed Nazimuddin	50	31	H. Nazimuddin
25	Madiha Sabeen Aejaaz Ahmad	50	32	M. Sabeen
26	Shweta S. Kanherkar	50	37	S. S. Kanherkar
27	Samiksha R. Charjan	50	35	S. Charjan
28	Kajal G. Sorgivkar	50	34	K. Sorgivkar
29	Vedangi S. Sontakke	50	37	V. Sontakke
30	Sanobar Sadaf Atique Ahmad	50	42	S. Ahmad
31	Vaishnavi A. Barabde	50	44	V. Barabde
32	Namrata D. Sultane	50	45	N. Sultane
33	Radha R. Gawhale	50	44	R. Gawhale
34	Humaira Wajahat Abdul Sadique	50	43	H. Sadique
35	Vaishnav G. Kale	50	39	V. Kale

Coordinator

Head of the Department

Principal

PRINCIPAL

Smt. Radhabai Sarda
Arts, Commerce & Science College
Anjagaon Surji

HEAD
Department of Zoology
Smt. Radhabai Sarda College
Anjagaon Surji

Shri Sarda Education Society's
SMT RADHABAI SARDA ARTS, COMMERCE & SCIENCE COLLEGE,
ANJANGAON SURJI

Department of Zoology

Academic Session: 2018-19

SUMMARY REPORT OF CERTIFICATE COURSE-"SERICULTURE"

The certificate course in "Sericulture" has been undertaken by the department of Zoology during the academic session 2018-19. The duration of the course was 30 hours (15 days). Total 35 students were enrolled for the course. All the students have completed the course successfully. The attainment of the course are as follows:

- Students were made aware about the commercially important species of silk moth.
- Course provided a basic information about maintenance of sericulture unit.
- Students got thorough knowledge of sericulture business.
- Students got detailed knowledge about the different diseases of silk moth and how to prevent these diseases.
- Students got detailed idea of starting their own sericulture business in less investment with the help of farm products.
- Students learnt the different marketing practices for sericulture business and got the knowledge about the demand of silk in the national and international market.
- Students learnt important uses of silk.