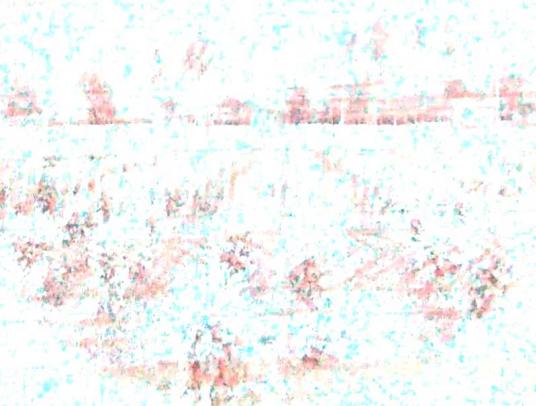
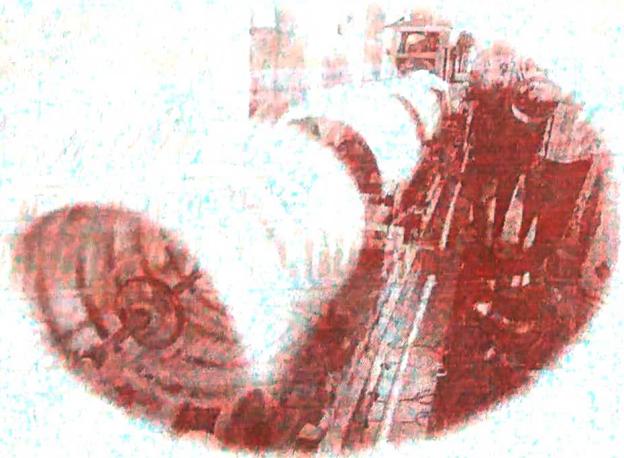
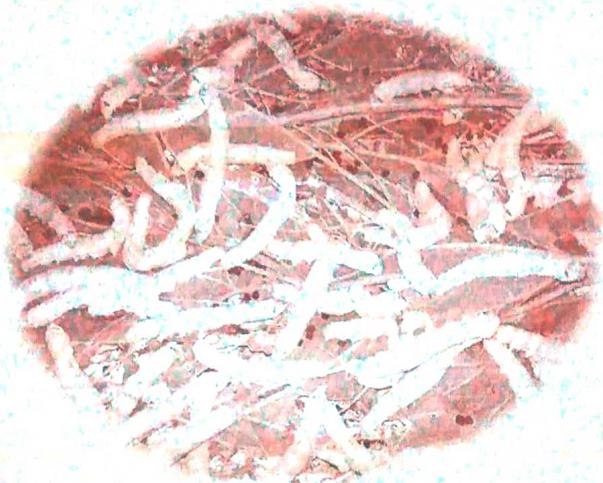




B.L.D.E.Associations

# S.B. ARTS & K.C.P SCIENCE COLLEGE

## VIJAYAPUR-586103



**CAREER ORIENTED PROGRAMME-**  
**SERICULTURE**

**DEPARTMENT OF ZOOLOGY**

**2018-19**



B.L.D.E.ASSOCIATION'S  
**S. B. ARTS AND K. C. P. SCIENCE COLLEGE, VIJAYAPUR**  
ACCREDITED at 'A' Grade in 3<sup>rd</sup> Cycle by NAAC  
Phone: (08352) – 261766, (08352) 262770 Extn. 2223, 2224  
Fax: 08352 – 261766 E-mail: [bldeasbkcp@gmail.com](mailto:bldeasbkcp@gmail.com) Web: [www.bldeasbkcp.org](http://www.bldeasbkcp.org)



Date: 02.07.2018

**DEPARTMENT OF ZOOLOGY**  
**CAREER ORIENTED PROGRAMME (C.O.P)**  
**SERICULTURE**  
**NOTICE**

It is hereby informed to all the students of B.Sc I semester that the Department of zoology is conducting **COP-Course in Sericulture** from 09 .07. 2018 .So the interested students can register their names before 07.07 2018. The classes will be conducted from Wednesday to Saturday from 5.00 - 6.00pm.

  
**IQAC, Co-ordinator**  
**S.B.Arts & K.C.P.Science College,**  
**Vijayapur.**

  
**Head of the Department**  
**Head of the**  
**Department of Zoology**  
**S.B. Arts & K.C.P. Sc. College**  
**BIJAPUR.**

  
**Principal,**  
**S. B. Arts & KCP Sc. College,**  
**Bijapur**

B.L.D.E.As  
S.B.Arts & K.C.P.Sci.College,Vijayapur  
DEPARTMENT OF ZOOLOGY  
CAREER ORIENTED PROGRAMME(C.O.P)  
SERICULTURE

Time Table Year 2018-19

DAY	TIME
Wednesday	05:00-06:00pm
Thursday	05:00-06:00pm
Friday	05:00-06:00pm
Saturday	05:00-06:00pm

  
**IQAC, Co-ordinator**  
S.B.Arts & K.C.P.Science College,  
Vijayapur.

*V Palit*  
Head of the  
Department of Zoology  
S.B.Arts & K.C.P.Sc. College  
BIJAPUR

  
Principal,  
S. B. Arts & KCP Sc. College,  
Bijapur

**B.L.D.E ASSOCIATIONS  
S.B. ARTS AND K.C.P. SCIENCE COLLEGE BIJAPUR  
DEPARTMENT OF ZOOLOGY**

**FIRST YEAR COURSE**

**CERTIFICATE COURSE IN APPLIED SERICULTURE**

The course will be of 30 credits. Each credit will have 15 hours workload  
(450 Hours Syllabus)

Theory 200 marks, Practical – 100 marks, Dissertation and Project – 150 – Marks.

**PAPER – I**

**IMPORTANCE OF SERICULTURE, SILK WORM BIOLOGY AND REARING.**

- 1) History of sericulture, global silk production, silk industry as a cottage industry, rural employment potential earning through export of silk. 10 hrs.
- 2) Introduction to Mulberry and non mulberry silk worms based on optimism voltinism and mulberry silkworm races in Karnataka. 5 hrs.
- 3) Morphology of bombyx mori eggs, larva, pupa, and adult, and its life-cycle 5 hrs.
- 4) Sex differentiation in larva, pupa and adult Bombyx Mori. 5 hrs.
- 5) Silk worm rearing technology: rearing house, disinfection of rearing house, rearing equipments, type of disinfections, rearing of early age silkworm (Chawki rearing) rearing late age silk worms, different methods of rearing and environmental condition, feeding schedule and spacing. Advantages and disadvantages of different rearing house. 5 hrs.
- 6) Silk worm disease: Pebrine, Flacherie, Grasserie, and Muscardine, causative agents, preservation and control measures, pest and predatory insects of silkworm. 6 hrs.
- 7) Methods of mounting, harvesting and transportation and marketing of cocoons. 6 hrs
- 8) Silk reeling: character of cocoons, drying, stiffening, cocoon cooking different methods. Charaka reeling, semiautomatic and automatic reeling machines, reeling of silk, lacing, skeining and booking. 10 hrs.
- 9) Economics of silk worm rearing, production and silk reeling and silk byproduct. 6 hrs.

**PAPER – II**

**MULBERRY CROP PRODUCTION**

- 1) Food plants of mulberry and non- mulberry silk worms. 8 hrs
  - 2) Soil, soil suitable of mulberry cultivation. Study of different types of manures and fertilizers. 15 hrs
  - 3) Mulberry cultivation, selection and preparation of land planting, milching, intercultivation, manuring, weeding, and pruning of leaves. 12 hrs
  - 4) Preparation of mulberry seeding cuttings, sampling and grafting. 8 hrs
  - 5) A brief account of common weeds, diseases and pests of mulberry and their control measures. 10 hrs
  - 6) Harvesting of mulberry and different method. 9 hrs
- Economics of mulberry production, under rainfed irrigated condition. 8 hrs

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VIJAYAPUR

## PAPER - I PRACTICALS

- 1) Classification of mulberry and non mulberry silkworms
- 2) Study of morphology of egg, larva, pupa, adult Bombyx Mori
- 3) Study of life cycle of Bombyx Mori, identification of different stages in life cycle of Bombyx mori
- 4) Dissection of digestive system, nervous system, reproductive system, and mounting of mouth parts, silk gland and spiracle in IV or V instar larva of Bombyx mori
- 5) Study of the non mulberry silkworms
- 6) Study of the different types of diseased silkworms
- 7) Cocoon harvesting and marketing of cocoons
- 8) Visit to mulberry fields and silkworm rearing centers, feeding centers. Tour report must be recorded in the journals

## PAPER - II PRACTICALS

- 1) Identification of different species of mulberry including high yielding varieties of mulberry
- 2) Field cum laboratory work for mulberry cultivation.  
Selection and preparation of land, planting materials and methods.
- 3) Identification and use of different rearing appliances
- 4) Propagation of mulberry – seedlings, cuttings, samplings, grafting and layering.
- 5) Pruning and different methods of pruning
- 6) Identification of weeds and pests of mulberry and their control.
- 7) A compulsory visit to mulberry fields and silkworm rearing centers.

## FIELD WORK AND TRAINING

- 1) Compulsory one month of the job intensive training in sericulture farm/ training school or TSC/ CRC.
- 2) Each batch of students should establish and manage atleast half acre of mulberry garden. Starting from raising saplings.
- 3) Visits to progressive sericulturists and Govt. silk farms and individual interactions.

## EXAMINATION PATTERN

Final Marks	Internal Marks	Total Marks	Min Passing
Theory Paper 80	20	100	40
Practicals 40	10	50	20

*(Signature)*  
Head of the  
Department of Zoology,  
Arts & K.C.P.Sc. College,  
VIJAYAPUR.

*(Signature)*  
IQAC, Co-ordinator  
S.B.Arts & K.C.P.Science College,  
Vijayapur.

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VIJAYAPUR.

**B.L.D.E. Associations**  
**S.B. ARTS & K.C.P SCIENCE COLLEGE, VIJAYAPUR**  
**DEPARTMENT OF ZOOLOGY**  
**COP- SERICULTURE**

**List of students-2018-19**

Sl.no	Roll.no	Name	
01	20	Bhavani.Bhagewadi	<i>Bhavani</i>
02	23	Mahalaxmi.Muchandi	<i>Muchandi</i>
03	38	Asharani.Molle	<i>Asharani.</i>
04	48	BhavanaKunvar.Rajput	<i>Bijapur</i>
05	71	Annaraya.Patil	<i>Annara</i>
06	75	Bhagyashree.Hattalli	<i>Hattalli</i>
07	123	Dundappa.Biradar	<i>Dundappa</i>
08	151	Girish.Manur	<i>Girish</i>
09	156	AnilKumar.Martur	<i>Anilkm.</i>
10	170	Vijayalaxmi.Jadhav	<i>Vijayalaxmi</i>
11	211	Pavitra.Hiremath	<i>Hiremath</i>
12	304	Chaitra.Karkal	<i>Chaitra</i>
13	308	Bhagyrashree.Karinni	<i>Karinni</i>
14	316	Akshata.Limakar	<i>Akshata</i>
15	327	Amoghasiddha.Melinamani	<i>Amem</i>
16	338	Ishwar.Chinnarathod	<i>Ishwar</i>
17	339	Vishal.Mayur	<i>Vishal</i>
18	349	Prajwal.Ijeri	<i>Prajwal</i>
19	352	Asmita.Pangudwale	<i>Asmita</i>
20	369	Shreya.Anagawadi	<i>Anagawadi</i>
21	371	Najma.Kudalagi	<i>Kudalagi</i>
22	377	Ashwini.Rathod	<i>Ashwini</i>
23	380	Tejaswini.Shavant	<i>Tejaswini</i>
24	390	Abhishek.Pujari	<i>Abhishek</i>
25	397	Devi.Biradar	<i>Devi</i>
26	402	Nikita.Kanase	<i>Nikita</i>
27	425	Reshma.Tarase	<i>Reshma</i>
28	475	Swati.Muttagi	<i>Swati</i>
29	523	Pooja.Munjanni	<i>Pooja</i>
30	530	Ashwini.Choudhri	<i>Ashwini</i>

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*Wafay*  
 Head of the  
 Department of Zoology  
 S.B. Arts & K.C.P. Sc. College  
 BIJAPUR.



**IQAC, Co-ordinator**  
**S.B.Arts & K.C.P.Science College,**  
**Vijayapur.**

**B.L.D.E.Association's**  
**SB ARTS & KCP Science College Bijapur**  
**DEPARTMENT OF ZOOLOGY**  
**COP - SERICULTURE**  
**Students Attendance - 2018-19**

Sl.No	Roll No	Name	1/01	12/01	18/01	19/01	25/01	26/01	1/02	2/02	8/02	9/02	16/02	22/02	23/02	29/02	30/02	05/03	06/03	12/03	13/03
1	20	Bhavani.Bhagewadi	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
2	23	Mahalaxmi.Muchandi	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)
3	38	Asharani.Molle	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
4	48	BhavanaKunvar.Rajput	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
5	71	Annaraya.Patil	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
6	75	Bhagyashree.Hattalli	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
	123	Dundappa.Biradar	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
8	151	Girish.Manur	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)
9	156	AnilKumar.Martur	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
10	170	Vijayalaxmi.Jadhav	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)
11	211	Pavitra.Hiremath	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)
12	304	Chaitra.Karkal	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)
13	308	Bhagyashree.Karinni	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
14	316	Akshata.Limakar	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
15	327	Amoghasiddha.Melinamani	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
16	338	Ishwar.Chinnarathod	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)
17	339	Vishal.Mayur	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)
18	349	Prajwal.Ijeri	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)
19	352	Asmita.Pangudwale	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
20	369	Shreya.Anagawadi	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
21	371	Najma.Kudalagi	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
22	377	Ashwini.Rathod	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
23	380	Tejashwini.Shavant	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)
24	390	Abhishek.Pujari	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
25	397	Devi.Biradar	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	402	Nikita.Kanase	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
27	425	Reshma.Tarase	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)
28	475	Swati.Muttagi	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
29	523	Pooja.Munjanni	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)
30	530	Ashwini.Choudhri	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)

continued

B.L.D.E. Association's  
**SB ARTS & KCP Science College Bijapur**  
**DEPARTMENT OF ZOOLOGY**  
**COP - SERICULTURE**  
 Students Attendance - 2018-19

Sl.No	Roll No	Name	19/09	20/09	26/09	27/09	03/10	04/10	10/10	11/10	17/10	18/10	24/10	25/10	31/10	1/11	7/11	8/11	14/11	19/11	27/11
1	20	Bhavani.Bhagewadi	(B)	(B)	(B)	(B)	(B)	(B)													
2	23	Mahalaxmi.Muchandi	(M)	(M)	(M)	(M)	(M)	(M)													
3	38	Asharani.Molle	(A)	(A)	(A)	(A)	(A)	(A)													
4	48	BhavanaKunvar.Rajput	(B)	(B)	(B)	(B)	(B)	(B)													
5	71	Annaraya.Patil	(A)	(A)	(A)	(A)	(A)	(A)													
6	75	Bhagyashree.Hattalli	(B)	(B)	(B)	(B)	(B)	(B)													
7	123	Dundappa.Biradar	(D)	(D)	(D)	(D)	(D)	(D)													
8	151	Girish.Manur	(G)	(G)	(G)	(G)	(G)	(G)													
9	156	AnilKumar.Martur	(A)	(A)	(A)	(A)	(A)	(A)													
10	170	Vijayalaxmi.Jadhav	(V)	(V)	(V)	(V)	(V)	(V)													
11	211	Pavitra.Hiremath	(P)	(P)	(P)	(P)	(P)	(P)													
12	304	Chaitra.Karkal	(C)	(C)	(C)	(C)	(C)	(C)													
13	308	Bhagyashree.Karinni	(B)	(B)	(B)	(B)	(B)	(B)													
14	316	Akshata.Limakar	(A)	(A)	(A)	(A)	(A)	(A)													
15	327	Amoghasiddha.Melinamani	(A)	(A)	(A)	(A)	(A)	(A)													
16	338	Ishwar.Chinnarathod	(I)	(I)	(I)	(I)	(I)	(I)													
17	339	Vishal.Mayur	(V)	(V)	(V)	(V)	(V)	(V)													
18	349	Prajwal.Ijeri	(P)	(P)	(P)	(P)	(P)	(P)													
19	352	Asmita.Pangudwale	(A)	(A)	(A)	(A)	(A)	(A)													
20	369	Shreya.Anagawadi	(S)	(S)	(S)	(S)	(S)	(S)													
21	371	Najma.Kudalagi	(N)	(N)	(N)	(N)	(N)	(N)													
22	377	Ashwini.Rathod	(A)	(A)	(A)	(A)	(A)	(A)													
23	380	Tejashwini.Shavant	(T)	(T)	(T)	(T)	(T)	(T)													
24	390	Abhishek.Pujari	(A)	(A)	(A)	(A)	(A)	(A)													
25	397	Devi.Biradar	(D)	(D)	(D)	(D)	(D)	(D)													
26	402	Nikita.Kanase	(N)	(N)	(N)	(N)	(N)	(N)													
27	425	Reshma.Tarase	(R)	(R)	(R)	(R)	(R)	(R)													
28	475	Swati.Muttagi	(S)	(S)	(S)	(S)	(S)	(S)													
29	523	Pooja.Munjanni	(P)	(P)	(P)	(P)	(P)	(P)													
30	530	Ashwini.Choudhri	(A)	(A)	(A)	(A)	(A)	(A)													

continued

**B.L.D.E.Association's**  
**SB ARTS & KCP Science College Bijapur**  
**DEPARTMENT OF ZOOLOGY**  
**COP - SERICULTURE**  
**Students Attendance - 2018-19**

Sl.No	Roll No	Name	22/11/01	2/12/01	3/12/01	9/12/01	10/12/01	16/12/01	17/12/01	23/12/01	24/12/01	30/12/01	31/12/01	06/01/02	07/01/02	13/01/02	14/01/02	20/01/02	21/01/02	27/01/02	28/01/02
1	20	Bhavani.Bhagewadi	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
2	23	Mahalaxmi.Muchandi	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)
3	38	Asharani.Molle	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
4	48	BhavanaKunvar.Rajput	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
5	71	Annaraya.Patil	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
6	75	Bhagyashree.Hattalli	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
	123	Dundappa.Biradar	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
8	151	Girish.Manur	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)
9	156	AnilKumar.Martur	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
10	170	Vijayalaxmi.JadHAV	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)
11	211	Pavitra.Hiremath	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)
12	304	Chaitra.Karkal	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)
13	308	Bhagyashree.Karinni	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
14	316	Akshata.Limakar	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
15	327	Amoghasiddha.Melinamani	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
16	338	Ishwar.Chinnarathod	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)	(I)
17	339	Vishal.Mayur	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)	(V)
18	349	Prajwal.Ijeri	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)
19	352	Asmita.Pangudwale	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
	369	Shreya.Anagawadi	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
21	371	Najma.Kudalagi	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
22	377	Ashwini.Rathod	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
23	380	Tejaswini.Shavant	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)
24	390	Abhishek.Pujari	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
25	397	Devi.Biradar	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
26	402	Nikita.Kanase	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)	(O)
27	425	Reshma.Tarase	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)
28	475	Swati.Muttagi	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
29	523	Pooja.Munjanni	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)
30	530	Ashwini.Choudhri	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)

continued

**B.L.D.E.Association's**  
**SB ARTS & KCP Science College Bijapur**  
**DEPARTMENT OF ZOOLOGY**  
**COP - SERICULTURE**  
**Students Attendance - 2018-19**

Sl.No	Roll No	Name	6 03	7 03	13 03	14 03	20 03	21 03	21 03	28 03	03 04
1	20	Bhavani.Bhagewadi	B	B	B	B	B	B	B	B	
2	23	Mahalaxmi.Muchandi	M	M	M	M	M	M	M	M	AB
3	38	Asharani.Molle	AB	AB	AB	AB	AB	AB	AB	AB	
4	48	BhavanaKunvar.Rajput	B	B	P	B	B	B	B	B	
5	71	Annaraya.Patil									
6	75	Bhagyashree.Hattalli									
7	123	Dundappa.Biradar									
8	151	Girish.Manur	@	@	@	@	@	@	@	@	
9	156	AnilKumar.Martur	AM	AM	AM	AM	AM	AM	AM	AM	
10	170	Vijayalaxmi.JadHAV	AB	AB	AB	AB	AB	AB	AB	AB	AB
11	211	Pavitra.Hiremath	H	H	H	H	H	H	H	H	
12	304	Chaitra.Karkal	O	O	O	O	O	O	O	O	
13	308	Bhagyashree.Karinni	B	B	B	B	B	B	B	B	
14	316	Akshata.Limakar	AB	AB	AB	AB	AB	AB	AB	AB	
15	327	Amoghasiddha.Melinamani	AM	AM	AM	AM	AM	AM	AM	AM	
16	338	Ishwar.Chinnarathod	el	el	el	el	el	el	el	el	
17	339	Vishal.Mayur	VM	VM	VM	VM	VM	VM	VM	VM	
18	349	Prajwal.Ijeri	P	P	P	P	P	P	P	P	
19	352	Asmita.Pangudwale	AB	AB	AB	AB	AB	AB	AB	AB	
20	369	Shreya.Anagawadi	SST	SST	SST	SST	SST	SST	SST	SST	AB
21	371	Najma.Kudalagi	Najma	Najma	Najma	Najma	Najma	Najma	Najma	Najma	Najma
22	377	Ashwini.Rathod	A	A	A	A	A	A	A	A	
23	380	Tejashwini.Shavant	T	T	T	T	T	T	T	T	
24	390	Abhishek.Pujari	P	P	P	P	P	P	P	P	
25	397	Devi.Biradar	Dev	Dev	Dev	Dev	Dev	Dev	Dev	Dev	
26	402	Nikita.Kanase	NK	NK	NK	NK	NK	NK	NK	NK	
27	425	Reshma.Tarase	RDT	RDT	RDT	RDT	RDT	RDT	RDT	RDT	AB
28	475	Swati.Muttagi	Sat	Sat	Sat	Sat	Sat	Sat	Sat	Sat	
29	523	Pooja.Munjanni	PBM	PBM	PBM	PBM	PBM	PBM	PBM	PBM	
30	530	Ashwini.Choudhri	O	O	O	O	O	O	O	O	AB

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Principal,  
S.B. Arts and KCP Science College S.B.Arts & K.C.P.Science College,  
VIJAYAPUR

IQAC, Co-ordinator

Vijayapur.

#palil

Head of the  
Department of Zoology,  
S.B.Arts & K.C.P.Science College  
VIJAYAPUR.

B.L.D.E. Association's  
**SB ARTS & KCP Science College Bijapur**  
**DEPARTMENT OF ZOOLOGY**  
**COP - SERICULTURE**  
**Students Attendance - 2018-19**

*Paper-II*

Sl.No	Roll No	Name	13	14	20	21	22	28	29	30	4	10	11	17	18	24	25	31	01	09	17	08	14
1	20	Bhavani.Bhagewadi	(B)																				
2	23	Mahalaxmi.Muchandi	(M)																				
3	38	Asharani.Molle	(A)																				
4	48	BhavanaKunvar.Rajput	(B)																				
5	71	Annaraya.Patil	(A)																				
6	75	Bhagyashree.Hattalli	(B)																				
7	123	Dundappa.Biradar	(D)																				
8	151	Girish.Manur	(G)																				
9	156	AnilKumar.Martur	(A)																				
10	170	Vijayalaxmi.Jadhav	(V)																				
11	211	Pavitra.Hiremath	(P)																				
12	304	Chaitra.Karkal	(C)																				
13	308	Bhagyashree.Karinni	(B)																				
14	316	Akshata.Limakar	(A)																				
15	327	Amoghasiddha.Melinamani	(A)																				
16	338	Ishwar.Chinnarathod	(I)																				
17	339	Vishal.Mayur	(V)																				
18	349	Prajwal.Ijeri	(P)																				
19	352	Asmita.Pangudwale	(A)																				
20	369	Shreya.Anagawadi	(S)																				
	371	Najma.Kudalagi	(N)																				
22	377	Ashwini.Rathod	(A)																				
23	380	Tejashwini.Shavant	(T)																				
24	390	Abhishek.Pujari	(A)																				
25	397	Devi.Biradar	(D)																				
26	402	Nikita.Kanase	(N)																				
27	425	Reshma.Tarase	(R)																				
28	475	Swati.Muttagi	(S)																				
29	523	Pooja.Munjanni	(P)																				
30	530	Ashwini.Choudhri	(A)																				

Continued

**B.L.D.E. Association's**  
**SB ARTS & KCP Science College Bijapur**  
**DEPARTMENT OF ZOOLOGY**  
**COP - SERICULTURE**  
**Students Attendance - 2018-19**

Sl.No	Roll No	Name	15/09	21/09	22/09	28/09	29/09	5/10	6/10	12/10	13/10	19/10	20/10	26/10	27/10	2/11	3/11	9/11	10/11	16/11	17/11
1	20	Bhavani.Bhagewadi	B	B	B	B	B	AB	B	B	B	B	B	B	B	B	B	B	B	B	B
2	23	Mahalaxmi.Muchandi	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
3	38	Asharani.Molle	AB																		
4	48	BhavanaKunvar.Rajput	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
5	71	Annaraya.Patil	AB																		
6	75	Bhagyashree.Hattalli	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
7	123	Dundappa.Biradar	AB																		
8	151	Girish.Manur	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@	@
9	156	AnilKumar.Martur	AM																		
10	170	Vijayalaxmi.Jadhav	AB																		
11	211	Pavitra.Hiremath	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
12	304	Chaitra.Karkal	CD																		
13	308	Bhagyashree.Karinni	BY																		
14	316	Akshata.Limakar	AB																		
15	327	Amoghasiddha.Melinamani	AM																		
16	338	Ishwar.Chinnarathod	CH																		
17	339	Vishal.Mayur	VM																		
18	349	Prajwal.Ijeri	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	352	Asmita.Pangudwale	AB																		
20	369	Shreya.Anagawadi	SA	AB	SA																
21	371	Najma.Kudalagi	Najma																		
22	377	Ashwini.Rathod	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
23	380	Tejashwini.Shavant	TEJ																		
24	390	Abhishek.Pujari	ABH																		
25	397	Devi.Biradar	DEVI																		
26	402	Nikita.Kanase	NK																		
27	425	Reshma.Tarase	RT																		
28	475	Swati.Muttagi	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
29	523	Pooja.Munjanni	PBM																		
30	530	Ashwini.Choudhri	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A

Continued

**B.L.D.E. Association's**  
**SB ARTS & KCP Science College Bijapur**  
**DEPARTMENT OF ZOOLOGY**  
**COP - SERICULTURE**  
**Students Attendance - 2018-19**

Sl.No	Roll No	Name	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
1	20	Bhavani.Bhagewadi	(B)																													
2	23	Mahalaxmi.Muchandi	(M)																													
3	38	Asharani.Molle	(A)																													
4	48	BhavanaKunvar.Rajput	(B)																													
5	71	Annaraya.Patil	(A)																													
6	75	Bhagyashree.Hattalli	(B)																													
7	123	Dundappa.Biradar	(D)																													
8	151	Girish.Manur	(G)																													
9	156	AnilKumar.Martur	(A)																													
10	170	Vijayalaxmi.Jadhav	(V)																													
11	211	Pavitra.Hiremath	(P)																													
12	304	Chaitra.Karkal	(C)																													
13	308	Bhagyrashree.Karinni	(B)																													
14	316	Akshata.Limakar	(A)																													
15	327	Amoghasidda.Melinamani	(A)																													
16	338	Ishwar.Chinnarathod	(I)																													
17	339	Vishal.Mayur	(V)																													
18	349	Prajwal.Ijeri	(P)																													
19	352	Asmita.Pangudwale	(A)																													
20	369	Shreya.Anagawadi	(S)																													
21	371	Najma.Kudalagi	(N)																													
22	377	Ashwini.Rathod	(A)																													
23	380	Tejashwini.Shavant	(T)																													
24	390	Abhishek.Pujari	(A)																													
25	397	Devi.Biradar	(D)																													
26	402	Nikita.Kanase	(N)																													
27	425	Reshma.Tarase	(R)																													
28	475	Swati.Muttagi	(S)																													
29	523	Pooja.Munjanni	(P)																													
30	530	Ashwini.Choudhri	(A)																													

Continued

**B.L.D.E. Association's**  
**SB ARTS & KCP Science College Bijapur**  
**DEPARTMENT OF ZOOLOGY**  
**COP - SERICULTURE**  
**Students Attendance - 2018-19**

Sl.No	Roll No	Name	16/02	22/02	23/02	1/03	2/03	08/03	09/03	15/03	16/03	22/03	23/03	29/03	30/03
1	20	Bhavani.Bhagewadi	B	B	B	B	B	B	B	B	B	B	B	B	B
2	23	Mahalaxmi.Muchandi	M	M	M	M	M	M	M	M	M	M	M	M	M
3	38	Asharani.Molle	AM												
4	48	BhavanaKunvar.Rajput	B	B	B	B	B	B	B	B	B	B	B	B	B
5	71	Annaraya.Patil	AP												
6	75	Bhagyashree.Hattalli	BH												
7	123	Dundappa.Biradar	D	D	D	D	D	D	D	D	D	D	D	D	D
8	151	Girish.Manur	G	G	G	G	G	G	G	G	G	G	G	G	G
9	156	AnilKumar.Martur	AM												
10	170	Vijayalaxmi.Jadhav	J	J	J	J	J	J	J	J	J	J	J	J	J
11	211	Pavitra.Hiremath	H	H	H	H	H	H	H	H	H	H	H	H	H
12	304	Chaitra.Karkal	CD												
13	308	Bhagyashree.Karinni	BK												
14	316	Akshata.Limakar	AL												
15	327	Amoghasiddha.Melinamani	AM												
16	338	Ishwar.Chinnarathod	IC												
17	339	Vishal.Mayur	VM												
18	349	Prajwal.Ijeri	PI												
19	352	Asmita.Pangudwale	AP												
20	369	Shreya.Anagawadi	SA												
21	371	Najma.Kudalagi	Najma												
22	377	Ashwini.Rathod	A	A	A	A	A	A	A	A	A	A	A	A	A
23	380	Tejaswini.Shavant	TS												
24	390	Abhishek.Pujari	AP												
25	397	Devi.Biradar	DB												
26	402	Nikita.Kanase	NK												
27	425	Reshma.Tarase	RT												
28	475	Swati.Muttagi	SMT												
29	523	Pooja.Munjanni	PM												
30	530	Ashwini.Choudhri	AC												

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Principal,  
S.B. Arts and KCP Science College  
VIJAYAPUR

**IQAC, Co-ordinator**  
S.B.Arts & K.C.P.Science College,  
Vijayapur.

Head of the  
Department  
S.B.Arts & K.C.P.Science College  
VIJAYAPUR

**B.L.D.E. Association's**  
**SB ARTS & KCP Science College Bijapur**  
**DEPARTMENT OF ZOOLOGY**  
**COP - SERICULTURE**  
**Students Attendance - 2018-19**  
**PRACTICAL**

Sl.No	Roll No	Name	22 1	5 8	19 8	2 9	16 9	30 9	14 10	28 10	11 11	25 11	
1	20	Bhavani.Bhagewadi	(B)										
2	23	Mahalaxmi.Muchandi	(M)										
3	38	Asharani.Molle	(ABM)	(BM)	(ABM)								
4	48	BhavanaKunvar.Rajput	(B)										
5	71	Annaraya.Patil	(Apatl)										
6	75	Bhagyashree.Hattalli	(BH)										
7	123	Dundappa.Biradar	(Dundappa)										
8	151	Girish.Manur	(G)										
9	156	AnilKumar.Martur	(Ami)										
10	170	Vijayalaxmi.Jadhav	(VJ)										
11	211	Pavitra.Hiremath	(PH)										
12	304	Chaitra.Karkal	(C)										
13	308	Bhagyrashree.Karinni	(B)										
14	316	Akshata.Limakar	(ASL)										
15	327	Amoghasiddha.Melinamani	(AM)										
16	338	Ishwar.Chinnarathod	(I)										
17	339	Vishal.Mayur	(VM)										
18	349	Prajwal.Ijeri	(P)										
19	352	Asmita.Pangudwale	(AP)										
20	369	Shreya.Anagawadi	(SSA)										
21	371	Najma.Kudalagi	(Najma)										
22	377	Ashwini.Rathod	(A)										
23	380	Tejaswini.Shavant	(T)										
24	390	Abhishek.Pujari	(Ab)										
25	397	Devi.Biradar	(Dev)										
26	402	Nikita.Kanase	(NK)										
27	425	Reshma.Tarase	(RT)										
28	475	Swati.Muttagi	(SMT)										
29	523	Pooja.Munjanni	(PBM)										
30	530	Ashwini.Choudhri	(A)										

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**Principal,**  
**S.B. Arts and KCP Science College**  
**VIJAYAPUR**

  
**IQAC, Co-ordinator**  
**S.B.Arts & K.C.P.Science College,**  
**Vijayapur.**

**Patil**  
**Head of the**  
**Department of Zoology,**  
**S.B.Arts & K.C.P.Sc. College,**  
**VIJAYAPUR.**



Date: 02.04.2019

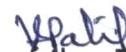
**DEPARTMENT OF ZOOLOGY**  
**CAREER ORIENTED PROGRAMME (C.O.P)**  
**SERICULTURE**

**NOTICE**

All the students of B.Sc I sem who have enrolled their names for COP-Course in Sericulture are here by informed to attend the examination to be held on the below dates.

	Paper	Date	Time
Theory	Paper-I	24.04.19	09.00am-12.00pm
	Paper-II	25.04.19	09.00am-12.00pm
Practical	Paper-I	26.04.19	10.00am-02.00pm
	Paper-II	27.04.19	10.00am-02.00pm

  
**IQAC, Co-ordinator**  
S.B.Arts & K.C.P.Science College,  
Vijayapur.

  
Head of the Department

  
Head of the  
Department of Zoology  
S.B.Arts & K.C.P.Sc. College  
BIJAPUR.

  
Principal,  
S. B. Arts & KCP Sc. College,  
Bijapur

B.L.D.E. Association's  
S.B. ARTS & K.C.P SCIENCE COLLEGE,  
VIJAYAPUR  
DEPARTMENT OF ZOOLOGY  
CERTIFICATE COURSE IN SERICULTURE-2018-19  
Question Paper  
Paper-I  
(Importance of sericulture, silkworm Biology and rearing)

Time-3 Hours Max Marks:80

Q.I) Answer **any four** of the following: (4X20=80 Marks)

1. Describe diseases of silkworm with its causative agents symptoms and control measures.
2. Explain different Mulberry races and their economical in karnataka.
3. Describe life cycle of silk *Bombyx mori* with neat labeled diagram
4. Explain the process of silk rearing.
5. Explain the different methods of cocoon cooking.

*Aspatil*  
Head of the  
Department of Zoology,  
S.B.Arts & K.C.P Sc. College,  
VIJAYAPUR.

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**IQAC, Co-ordinator**  
S.B.Arts & K.C.P.Science College,  
Vijayapur.

*Las*  
Principal,  
S.B. Arts and KCP Science College  
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DEPARTMENT OF ZOOLOGY  
CERTIFICATE COURSE IN SERICULTURE-2018-19  
QUESTION PAPER  
Paper-II  
(MULBERRY CROP PRODUCTION)

Time-3 Hours

Max Marks:80

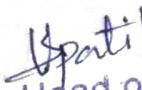
Q.I) Answer **any four** of the following: **(4X20=80 Marks)**

- 1.Explainviral disease of Mulbeery with their symptoms and controlling measures.
2. Explain the different methods of harvesting of mulberry leaves.
- 3.Describes methods and Importance of presence of mulberry leaves
4. Explain the economics of Mulberry production and irrigated condition.
- 5.Expalin the commom insect pest of mulberry with their control measures

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Vijayapur.

  
Head of the  
Department of Zoology,  
S.B.Arts & K.C.P.Sc. College,  
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**DEPARTMENT OF ZOOLOGY**  
**COP- SERICULTURE**

**EXAMINATION RESULT**

**Year 2018-19**

<b>Sl.no</b>	<b>Roll No</b>	<b>Name</b>	<b>Theory</b>		<b>practical</b>		<b>Total</b>
			<b>Paper-I</b>	<b>Paper-II</b>	<b>Paper-I</b>	<b>Paper-II</b>	
01	20	Bhavani.Bhagewadi	80	70	42	45	237
02	23	Mahalaxmi.Muchandi	80	82	45	42	249
03	38	Asharani.Molle	84	80	40	36	240
04	48	BhavanaKunvar.Rajput	80	80	39	38	237
05	71	Annaraya.Patil	AB	AB	AB	AB	
06	75	Bhagyashree.Hattalli	81	70	36	36	223
07	123	Dundappa.Biradar	76	80	49	37	242
08	151	Girish.Manur	82	58	35	38	213
09	156	AnilKumar.Martur	80	78	39	36	233
10	170	Vijayalaxmi.Jadhav	AB	AB	AB	AB	
11	211	Pavitra.Hiremath	AB	AB	AB	AB	
12	304	Chaitra.Karkal	78	80	32	42	232
13	308	Bhagyrashree.Karinni	AB	AB	AB	AB	
14	316	Akshata.Limakar	60	85	43	46	234
15	327	Amoghasiddha.Melinamani	70	70	40	38	218
16	338	Ishwar.Chinnarathod	70	60	48	36	214
17	339	Vishal.Mayur	75	75	41	40	233
18	349	Prajwal.Ijeri	86	89	47	39	261
19	352	Asmita.Pangudwale	78	58	45	38	219
20	369	Shreya.Anagawadi	AB	AB	AB	AB	
21	371	Najma.Kudalagi	84	80	42	43	249
22	377	Ashwini.Rathod	91	75	36	39	241
23	380	Tejashwini.Shavant	55	86	38	33	212
24	390	Abhishek.Pujari	80	80	40	45	245
25	397	Devi.Biradar	82	78	38	42	240
26	402	Nikita.Kanase	71	68	32	48	219
27	425	Reshma.Tarase	70	74	45	36	225
28	475	Swati.Muttagi	82	86	40	39	247
29	523	Pooja.Munjanni	78	70	39	35	232
30	530	Ashwini.Choudhri	80	89	42	40	251

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Held on 11/11/18

Department of Zoology  
S.B. Arts & K.C.P. Sc. College  
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SB ARTS & K.C.P.SCIENCE COLLEGE BIJAPUR  
DEPARTMENT OF ZOOLOGY  
CAREER ORIENTED PROGRAMME (C O P)  
SERICULTURE

**REPORT**

As per the curriculum the department of Zoology has conducted the career oriented programme for B.sc I year students on Sericulture for the academic year 2018-19. The duration of certificate course is one year. Theory and practical classes were conducted for 30 students who have enrolled their names for the course.

The Students are taken to Surrounding village of manguli for the study of different stages of silkworm development and mulberry plantation .Students also visited the Chakki centre at Bagewadi and reeling centre at vijayapur. Sericulture is one the career option where the scope for employment in government and private sector is high. The main aim of the course provide the full proof knowledge and Maintaining and marketing of silk. It also provide gainful employment, economic development and improvement in the quality of life to the Students in rural area and therefore it plays an important role in anti poverty programme and prevents migration of rural people to urban area in search of employment. The career option in this field is never ending due to the constant production, manufacturing and selling of silk clothes.

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Arts and KCP Science College  
VIJAYAPUR

  
**IQAC, Co-ordinator**  
S.B.Arts & K.C.P.Science College,  
Vijayapur.

  
Head of the  
Department of Zoology,  
S.B.Arts & K.C.P.Science College,  
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Students visited chakki centre at  
Bagwadi



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KPAC, Co-ordinator  
Arts & K.C.P.Science College,  
Vijayapur.

Principal,  
S.B. Arts and KCP Science College,  
VIJAYAPUR

Shri. S. P. Patil  
Head of the  
Department of Zoology,  
S.B. Arts & K.C.P. Sc. College,  
VIJAYAPUR.



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## DEPARTMENT OF ZOOLOGY

CAREER ORIENTED PROGRAMME (Add on Course)

# Certificate

This is to certify that Shri/ SME Bhavanakunvar Rajput  
has successfully completed Certificate Course in Sericulture Conducted  
by Department of Zoology, BLDEA's S B Arts and K C P Science College,  
Vijayapur during year 2018-2019

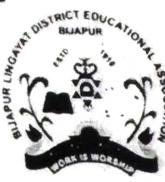
Date: 24/06/2019

Principal,  
S.B. Arts and KCP Science College  
VIJAYAPUR

Coordinator/HOD

IQAC, Co-ordinator  
S.B.Arts & K.C.P.Science College,  
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Principal



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## **DEPARTMENT OF ZOOLOGY**

**CAREER ORIENTED PROGRAMME (Add on Course)**

# *Certificate*

This is to certify that Shri/ Smt Kum Chaitra Karkal .....  
has successfully completed Certificate Course in **Sericulture** Conducted  
by Department of Zoology, BLDEA's S B Arts and K C P Science College,  
Vijayapur during year 2018 -2019

  
**Principal,**  
S.B. Arts and KCP Science College  
VIJAYAPUR

  
**Coordinator/HOD**

  
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Date: 24/06/2019



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## **DEPARTMENT OF ZOOLOGY**

**CAREER ORIENTED PROGRAMME (Add on Course)**

# *Certificate*

This is to certify that Shri/ <sup>Kumar</sup> Smt Bhagyashree. Karinnoi.....

has successfully completed Certificate Course in Sericulture Conducted  
by Department of Zoology, BLDEA's S B Arts and K C P Science College,  
Vijayapur during year 2018 -2019

  
**Principal,**

S.B. Arts and KCP Science College  
VIJAYAPUR

Date: 24/06/ 2019

  
**Wadi  
Coordinator/HOD**

  
**IQAC, Co-ordinator**  
S.B.Arts & K.C.P.Science College,  
Vijayapur.

  
**Principal**