



GOVERNMENT COLLEGE KASARAGOD

VIDYANAGAR, KASARAGOD, KERALA, 671123

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NAAC 3RD CYCLE ACCREDITATION

ADD ON COURSE IN SERICULTURE



GOVERNMENT COLLEGE KASARAGOD

VIDYANAGAR, KASARAGOD, KERALA 671123

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Add on Course in Sericulture

(2018-19)

Duration: 30 hours

Number of participant: 32

List of the students enrolled

Sl No	Name of the student	Department
1	MARIYAM RUSHAIDA SHIRIN A P	Arabic
2	ANNATHBI U S	Arabic
3	HARITHANJALI B	Botany
4	ADHITHYA MOL R	Botany
5	SAJANA S	Botany
6	VAISHNA THAMBAN	Botany
7	SHWETHA C H	Botany
8	ASHWINI ASHOKAN P	Botany
9	SREESHILPA P	Botany
10	PRITHVI K	Botany
11	DEEPA M	Botany
12	ASWATHI.K	Botany
13	NISHMITHA KUMARI S R RAI	Botany
14	SUCHITHRA G	Botany
15	SREESANTHI C	Botany
16	AKHIL CHANDRAN P	Chemistry
17	KAVYARAJ P	Chemistry
18	ANUSREE P	Chemistry
19	SREEKUTTY M V	Chemistry
20	SNEHA P	Chemistry
21	UNNIMAYA V	Chemistry
22	SRUTHILAYA M	Chemistry
23	ROSHNA ABDULLAH	Computer Science
24	FATHIMATH RAFIYA P A	Computer Science
25	AMRUTHA M	Computer Science
26	MUSHRIFA BACKER P A	Computer Science
27	SAJADHA SAJNA	Computer Science
28	UNNIMAYA K S	ENGLISH
29	ALEENA RAJ	ENGLISH
30	ANAGHA MOHAN	ENGLISH
31	SHILPA M	ENGLISH
32	PRISYA AM	ENGLISH



Name and Signature of the Principal
Dr. Ananthapadmanabha A.L.





Curriculum

Course outcomes CO 1 :Develop self-employment capabilities.

CO 2 : Acquires scientific knowledge of profitable farming.

Sericulture

Course outcomes CO 1 :Develop self-employment capabilities

. CO 2 : Acquires scientific knowledge of sericulture

Module I Importance of sericulture, sericulture industry in India, sericulture as cottage industry, role of Central Silk Board. (2 Hrs)

Module II Moriculture - Mulberry varieties - Diseases of mulberry – fungal diseases –Bacterial diseases – Viral disease –Neematode disease - one example each - Pests of mulberry – leaf eating insect pests and borer pests - one example each. (6 Hrs)

Module III Biology of silkworm. Life history of Bombyxmori. Morphology of larva; silk glands, spinnerets, silk proteins. Uni, bi and multivoltine breeds.Non mulberry silk worms. (8 Hrs)

Module IV .Rearing of silkworm: Rearing house – Rearing appliances – Rearing operation – Disinfection – Brushing – Maintenance of optimum conditions, Feeding – bed cleaning – spacing. Rearing of young ages – Chawki rearing - Rearing of late age larva: Shelf rearing. Floor rearing. Application of sampoorana. Mounting: Methods – precautions, Harvesting and sorting of cocoons. (6 Hrs)

Module V Silk reeling: cocoon stifling – types, sorting, boiling and deflossing – brushing, Process of reeling: Different methods, silk waste and byproducts of silk reeling. Raw silk and marketing. Uses of silk. (6 Hrs)

Module VI Diseases of silkworm. Muscardine, Pebrine, Flacherie. Prevention and control. Pests of silkworm. Uzi fly, ants and rodents. Control measures. (2 Hrs)

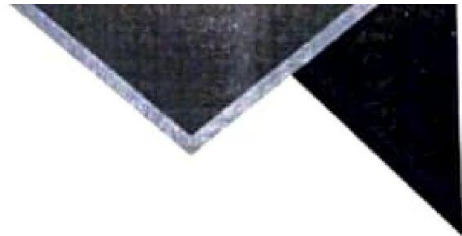


Name and Signature of the Principal
Dr. Ananthapadmanabha.A.I.

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Model Certificate:



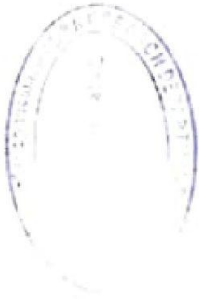
**GOVERNMENT COLLEGE
KASARAGOD
DEPARTMENT OF ZOOLOGY**

**CERTIFICATE
OF COMPLETION**

PRESENTED TO

DEEPA M

**for completing the Add on Course in Sericulture conducted by
Department of Zoology, Government College Kasaragod during 2018-19**



Co-ordinator



Name and Signature of the Principal
Dr. Ananthapadmanabha A.L.

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