

Govt. Degree College Udhampur
Recognized by Government of J and K, Affiliated to
University of Jammu
Department of Sericulture

About Department

▶ Departmental Profile of sericulture

- ▶ Year of establishment: 1997
- ▶ Posts sanctioned (Teaching/ Non-teaching): Teaching - 01 & Non-Teaching - NIL
- ▶ Present position of posts: 02
- ▶ Programmes offered like UG, PG: UG(B.Sc.)

About Department

► Vision of the Department:

1. Department aims at understanding the discipline and skill promoting education.
2. To attain excellence in sericulture education , research and transfer of technologies to the user group for the improvement of their livelihood.
3. To develop skilled human resources in the diverse field of sericulture through formal education.
4. To provide congenial educational environment, learning experiences and equal opportunities to enable the students to grow and prosper in their careers.
5. Introduction of M.Sc. Course in sericulture.

About Department

► Mission of the Department:

1. To nurture sericulture as sustainable and profitable vocation for the students with emphasis on rural employment for the holistic development.
2. To impart adequate skill and confidence among students to emerge as potential entrepreneurs.
3. To strengthen research, extension and training programs for various application.
4. To impart education in the branches of sericulture and allied activities.
5. To emerge as a resource centre to decipher and for transfer of technologies to the field/seri-farmers with the updated knowledge in the field of sericulture sciences through appropriate extension strategies.
6. To act as a centre of consultancy to address the local issues in relation to sericulture farming.
7. To organise classes with subject experts, industry and field trainers.

About Department

Futuristic Approach:

1. To fill all the 90 seats during admission of B.Sc. Sem-I during academic session 2022-23.
2. To equip the laboratory this year with more appliances for post-cocoon parameters.
3. Explore and train the students for establishment of silkworm rearing units, silk reeling and weaving units by visiting the various research institutes and industries.
4. Arrange more field visit for the students outside of the state to expose them to new technologies.

Departmental facilities

- ▶ No. of Labs available for department: 01
- ▶ Name and number of major equipment's available for students:

Items	No.	Items	No.	Items	No.
Students Microscope	24	Hydrometer	02	Reciprocating shaker	02
Dissection Microscope	10	Electronic Top Loading Balance	02	Centrifuge Machine	03
pH meter	04	Humidifier	04	Flame Photometer	01
Electronic Balance	01	Turbidity meter	01	pH Meter (Digital)	01
Digital Multimeter	02	Soil testing kit	01	Farm Implements	21
Rearing stand	02	Spectrophotometer Digital	02	Research microscope	03
Rearing trays	08				

Departmental facilities

- ▶ No of computers available in the department for staff:02
- ▶ Internet facility : Yes
- ▶ ICT Enabled class rooms and labs availability : Yes
- ▶ Detail of books available in library related to your subject : 974 (649 General Section and 325 Book Bank)
- ▶ No. of Journals in hard copy form: 01

Teaching staff

- ▶ No. of sanction posts: 01
- ▶ Present status: 02

Name of the Faculty	Designation	Qualification	Specialization
1. Prof. Gurvinder Raj Verma	Associate Professor	M.Sc., PGDS, DBM	Cocoon Production
2 Dr. Bandana Mazal	Assistant Professor	M.Sc., Ph.D	Mulberry Pathology

Supporting staff

- ▶ Sanctioned strength : Nil
- ▶ Present position: 02

Name of the supporting staff	Designation
Mr. Rajinder Gupta	Lab Assistant (Holding the additional charge of sericulture lab)
Mr. Shakeel Ahmed	Lab bearer on daily wages basis

Additional Responsibilities shared by staff members

Name of the faculty member	Additional responsibilities shared (Different committees/assignments)
1.Prof.Gurvinder Raj Verma	Coordinator of IQAC & Distance Education, Convener of Picnic/Tour committee, Publication/Printing & Stationery committee, Library committee, Conference Hall/Smart Class/Edu-Sat committee, Career Counselling committee, Nature Club committee, College academic committee, College Development committee, Browsing Centre, SWAYAM Committee, Grievance Redressal/Vigilance/RTI Cell & College Dispensary committee, Member of Advisory Committee, UGC Committee, Science Club, Admission/Time Table, Stock Verification Committee and Nodal Officer of the college for National Ranking Infrastructure Framework.
2.Dr. Bandana Mazal	Member of science club, PMSSS, IQAC, Counselling cell, Women Empowerment Cell, Discipline/Anti raging committee, Vigilance/RTI Cell and CASH committee.

Faculty Profile
Prof. Gurvinder Raj Verma

Research Paper details	Year of Publication
and G. R. Verma . An empirical investigation into the construct of higher education service quality: an application and diagnostics using modified SERVPERF. <i>International Research Journal of Management and Commerce</i> , 3(2) : 01-20.	2016
and G. R. Verma . <i>Achieving quality in higher education: Road to academic excellence in graduate and post-graduate institution of Jammu and Kashmir. Zenith International Journal of Multidisciplinary Research</i> , 6(3) : 70-82	2016
Gurvinder Raj Verma and Mokshe Sajgotra. Estimation of Heterosis in Newly Evolved CSR Bivoltine Hybrids of Silkworm (<i>Bombyx mori</i> L.) at Room and High Temperature. <i>International Journal of Bio-resource and Stress Management</i> , 8(1) : 001-005.	2017
Mokshe Sajgotra, G. R. Verma and Vikas Gupta. Comparative effect of feeding frequency on economic traits of bivoltine silkworm, <i>Bombyx mori</i> L. <i>Journal of Entomology and Zoology Studies</i> , 6(3) : 1678-1682.	2018

Conferences /seminars

Name of the Conferences/Seminars	Organizer	Date	Year
<i>“Global Issues on Environment”</i>	Govt. College for Women Parade, Jammu, J&K	17-18 th September	2010
UGC Sponsored International Conference on <i>“Global Warming “The Biggest Challenge of 21st Century”</i> .	Govt. Degree College (Boys), Udhampur, J&K	24-26 th February	2012
101 st Indian Science Congress on “”.	University of Jammu, Jammu, J&K	03-04 th February	2014
Indian Science Congress Association: National Seminar on <i>“Science and Technology for Human Development”</i>	Department of Zoology, University of Jammu, J&K	25-27 th March	2015
NAAC sponsored National Seminar on <i>“Quality Culture in Higher Education- The Road Ahead”</i> .	Govt. PG College for Women, Gandhi Nagar, Jammu, J&K	25-26 th October	2016
UGC- Special Assistance Programme Sponsored National Seminar on <i>“Emerging Trends and Challenges in Biodiversity Conservation”</i> .	Department of Zoology, University of Jammu, J&K	28-29 th March	2017
Indian Council of Medical Research: National Conference on <i>“Advances in Basic & Applied Sciences”</i>	Career Point University, Hamirpur, H.P	07-08 th April	2017
Indian Association of Solid State Chemists and Allied Scientists: National Symposium on <i>“New Trends of Research in Solid State Chemistry and Allied Areas”</i>	University of Jammu, Jammu, J&K	04-06 th March	2018
National Level Seminar on <i>“Science & Technology for the Unreached: Notions, Values and Applicability”</i> .	Govt. Degree College, Samba, J&K	20 th -21 st April	2018
One Day National Seminar on Technology, Tradition, Heritage and Culture <i>“Concoction for Consciousness: Progression, Identity-Formation and Subjectivation”</i>	Govt. Degree College, Udhampur, J&K	“March 26	2019
Three Day International Conference on Global Challenges, Innovation and Sustainability of Mankind <i>“Unravelling the Mind’s Eye”</i>	Govt. Degree College, Udhampur, J&K	Oct.31-Nov. 2	2019
National webinar on <i>“Beekeeping: Opportunities and Challenges”</i>	AICRP(Honeybee and Pollinator), Division of Entomology, SKUAST Jammu	May 20-21,	2021
National Webinar on <i>“Mutual Funds-A Tool for Financial Empowerment”</i>	GCW Udhampur association with of Mutual Funds in India(AMFI)	May 25	2021
Webinar on <i>“Finance and Economy for Society: Integrating Sustainability”</i>	Department of Sociology and Social work University Arts and Science College Kakatiya University, Warangal, Telangana State in collaboration with association with of Mutual Funds in India(AMFI)	May 27	2021
One day seminar on Dogri Sahitya Ch Padma Sachdev Hounda Yogdaan	GDC Udhampur		

Trainings/Workshops/Refreshers

Name of the Trainings/Workshops/Refresher	Organizer	Date	Days
Orientation Course	ASC, Shimla University, Shimla, H.P	14-06-2004 to 10-07-2004	27
Refresher course in Environmental Sciences (ID) from ASC.	Department of Environmental Sciences, University of Jammu, Jammu, J&K	20-12-2006 to 10-01-2007	22
Workshop on “ <i>Academic Administrators in information Technology</i> ”.	UGC ASC, University of Jammu, Jammu, J&K	13-09-2007 to 14-09-2007	02
Refresher course in Environmental Sciences (ID) from ASC.	Department of Environmental Sciences, University of Jammu, Jammu, J&K	21-12-2009 to 12-01-2010	23
Workshop on “ <i>NAAC accreditation/Re-accreditation</i> ”.	Govt. at GGM Sc. College, Jammu in collaboration with Department of Higher Education, J&K	20-10-2010 to 21-10-2010	02
Workshop on “ <i>7th Science Congress JKSC-II</i> ”.	University of Jammu, Jammu, J&K	13-10-2011 to 15-10-2011	03
Refresher course in Computer Science and IT (ID) from ASC.	Department of Computer Sciences, University of Jammu, Jammu, J&K	09-12-2011 to 29-12-2011	21
Workshop on “ <i>All India Survey on Higher Education</i> ”.	University of Jammu, Jammu in collaboration with <i>Ministry of Human Resource Development, New Delhi</i>	26-05-2012	01
Workshop on “ <i>Nanoera: Future Prospects In Nanotechnology</i> ”.	Deptt. of Electronics and Physics, GDC-Udhampur in collaboration with Dept. of Science and Technology, Udhampur		01

Faculty Profile

Dr. BANDANA MAZAL

Research Paper details	Year of Publication
1. An investigation on morphological and cultural study of leaf spot (<i>Phleospora maculans</i>) in mulberry.	2017
2. Evaluation of SAR chemicals under field conditions for the management of leaf spot (<i>Phleospora maculans</i>) disease in mulberry.	2018
3. Evaluation of SAR chemicals under different concentration at IN VITRO conditions for the management of leaf spot (<i>Phleospora maculans</i>) in mulberry.	2017
4 A study on efficacy of SAR chemicals on biochemical constituents of mulberry leaves.	2018
5. Economic empowerment of tribals through fish collection co-operative societies.	2018
6.Expression of heterosis in silkworm hybrids with popular commercial hybrids CSR2 X CSR4 as control.	2018

Conferences/Seminars

Name of the Conferences/Seminars	Organizer	Date	Year
1. Two days National Science Conference on Science, Society And Sustainable Development.	Poonch campus, University of Jammu in collaboration with GDC ,Poonch.	25-26 Nov.	2017
2. International Conference on “Worldwide Research Initiatives for Agriculture, Science & Technology” .	National Agriculture Development Co-operative Ltd.	24-26 Oct.	2018
3. International seminar on Recent Trends and Experimental Approaches In Science, Technology, Nature and Management	<u>Society for Science and Nature in Association with FDDI, Jodhpur & Oura Parkashan, Lucknow</u>	23-24 Dec.	2018
4. International Conference on Global Research Initiative for Sustainable Agriculture and Allied Sciences (GRISASS -2018) held at Rajasthan Agricultural Research Institute, Durgapura , Jaipur (Rajasthan).	<u>Astha Foundation, Merrut (U.P).</u>	28-30 oct.	2018
5. Three days Internatinal Conference on Global Challenges, Innovation and Sustainability of Mankind.	<u>Govt. Degree College Udhampur In Collaboration with ISCA</u>	Oct.31- Nov.2	2019
6. Three days Internatinal Conference on Water Conservation “SANRAKSHAN”	<u>Govt. Degree College Udhampur</u>	Feb.29-March 02	2020

Faculty Profile/achievements

Name of the Trainings/Workshops/Refresher/award	Organizer	Date	Days
1. Ten days online workshop on “Underutilized Plant species : Future smart Crops for Food, Nutritional Security and Income Generation”	SKUAST-KASHMIR	20-29 Aug.2020	10
2. Four days National Level skill development webinar workshop on Distant Teaching and Learning Through Online Tools.	SKUAST-KASHMIR	31 Aug.- 03 Sep. 2020	04
3. General Orientation Course	UGC (HRDC) UNIVERSITY OF JAMMU	24-12-2018 to 21-01-2019	28
4.Received Best Thesis Award at International Conference on Global Research Initiative for Sustainable Agriculture and Allied Sciences (GRISASS -2018) during 28-30 october, 2018 held at Rajasthan Agricultural Research Institute, Durgapura , Jaipur (Rajasthan).	<u>Astha</u> <u>Foundation, Merrut</u> <u>(U.P).</u>	28-30 oct. 2018	-
5. “Young Scientist Award” at International Conference on “Worldwide Research Initiatives for Agriculture, Science & Technology” during 24-26 of oct. 2018 held at University of Kashmir, Hazratbal, Srinagar	National Agriculture Development Co-operative Ltd.	24-26 oct. 2018	-

Objectives of the Department

- ▶ Academic calendar/time table/Question papers of assessments/examination details year wise
- ▶ Curricular aspects like: curriculum designing, Academic flexibility, curriculum enrichment etc.
- ▶ Professional skill: any workshop, training organized for the students with evidences
- ▶ Research and Development
- ▶ Application of Modern ICT in the Department for effective teaching learning process

Outcomes of the Departmental activities year wise

► Students participation in different competitions from your department

1. Students of B.Sc. Sem-VI (2018) participated in three day's Science Art Exhibition "Vision J&K 2018" w.e.f 29th of Jan – 31st of Jan, 2018.

➤ Different activities organized by the department and its outcome

1. Collection of weeds.
2. Collection of soil samples.
3. Collection of mulberry diseased samples.
4. Pruning of mulberry garden every year.
5. Silkworm rearing during every year.

All the above activities results in increasing the practical knowledge of students.

► Outcome of the various value added courses if any : NA

► Any event organized by the students of your department: nil

► Any activity related to students where students went for internship, skill training programme or participated in any placement drive

Enrolment of the students Year wise 2016-2017

Semester	Course Name	Course Code	Enrollm		
			Boys	Girls	T
I	1. Introduction to Sericulture and Soil Science(Theory Core) 2. Introduction to Sericulture and Soil Science(Practical)	USETC-101 USEPC-102	20	37	5
II	1. Biology of Mulberry and Silkworm Rearing(Theory Core) 2. Biology of Mulberry and Silkworm Rearing(Practical Core)	USETC-201 USEPC-202	18	32	5
III	1. Diseases and Pests of Mulberry and Silkworm Rearing (Theory Core) 2. Diseases and Pests of Mulberry and Silkworm Rearing (Practical Core) 3. Mulberry Production Technology (Skill Enhancement Course)	USETC-301 USEPC-302 USETS-303	19	26	4
IV	1. Genetics and Breeding of Silkworm Mulberry (Theory core) 2. Genetics and Breeding of Silkworm Mulberry (Practical core) 3. Silkworm Seed Technology (Skill Enhancement Course)	USETC-401 USEPC-402 USETS-403	19	26	4
V	1. Silkworm Seed and Silk Technology (DSE) 2. Silkworm Seed and Silk Technology (DSE)	USETE-501 USEPE-502	21	20	4

Enrolment Of The Students Category Wise (2016-2017)

<u>Semester</u>	OM			SC			ST			RBA			OBC		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
I 57	10	20	30	05	05	10	01	0	01	3	7	10	1	5	6
II 50	10	17	27	5	3	8	1	0	01	1	8	9	1	4	5
III 45	11	19	30	03	04	7	02	01	03	01	01	02	02	01	03
IV 45	11	19	30	03	04	7	02	01	03	01	01	02	02	01	03
V 41	10	09	19	08	06	14	01	04	05	01	01	02	01	00	01
VI 41	10	09	19	08	06	14	01	04	05	01	01	02	01	00	01

Enrolment of the students Year wise 2017-2018

Semester	Course Name	Course Code	Enrollment	
			Boys	Girls
I	1. Introduction to Sericulture and Soil Science(Theory Core) 2. Introduction to Sericulture and Soil Science(Practical)	USETC-101 USEPC-102	15	53
II	1. Biology of Mulberry and Silkworm Rearing(Theory Core) 2. Biology of Mulberry and Silkworm Rearing(Practical Core)	USETC-201 USEPC-202	14	48
III	1. Diseases and Pests of Mulberry and Silkworm Rearing (Theory Core) 2. Diseases and Pests of Mulberry and Silkworm Rearing (Practical Core) 3. Mulberry Production Technology (Skill Enhancement Course)	USETC-301 USEPC-302	15	31
		USETS-303	10	27
IV	1. Genetics and Breeding of Silkworm Mulberry (Theory core) 2. Genetics and Breeding of Silkworm Mulberry (Practical core) 3. Silkworm Seed Technology (Skill Enhancement Course)	USETC-401 USEPC-402	15	31
		USETS-403	10	27
V	1. Silkworm Seed and Silk Technology (DSE)	USETC-501	19	28
	2. Silkworm Seed and Silk Technology (DSE)	USEPE-502	19	28
	3. Silkworm Seed and Silk Technology (DSE)	USETC-503		

Enrolment Of The Students Category Wise (2017-2018)

<u>Semester</u>	OM			SC			ST			RBA			OBC		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
I 68	7	36	43	3	10	13	0	3	3	2	2	4	3	2	5
II 62	7	33	40	2	8	10	0	3	3	2	2	4	3	2	5
III 46	7	16	23	5	3	8	1	0	01	1	8	9	1	4	5
IV 46	7	16	23	5	3	8	1	0	01	1	8	9	1	4	5
V 47	11	21	32	03	04	7	02	01	03	01	01	02	02	01	03
VI 47	11	21	32	03	04	7	02	01	03	01	01	02	02	01	03

Enrolment of the students Year wise 2018-2019

Semester	Course Name	Course Code	Enrollment	
			Boys	Girls
I	1. Introduction to Sericulture and Soil Science(Theory Core) 2. Introduction to Sericulture and Soil Science(Practical)	USETC-101 USEPC-102	23	32
II	1. Biology of Mulberry and Silkworm Rearing(Theory Core) 2. Biology of Mulberry and Silkworm Rearing(Practical Core)	USETC-201 USEPC-202	19	31
III	1. Diseases and Pests of Mulberry and Silkworm Rearing (Theory Core) 2. Diseases and Pests of Mulberry and Silkworm Rearing (Practical Core) 3. Mulberry Production Technology (Skill Enhancement Course)	USETC-301 USEPC-302 USETS-303	19 36	31 15
IV	1. Genetics and Breeding of Silkworm Mulberry (Theory core) 2. Genetics and Breeding of Silkworm Mulberry (Practical core) 3. Silkworm Seed Technology (Skill Enhancement Course)	USETC-401 USEPC-402 USETS-403	19 26	31 24
V	1. Silkworm Seed and Silk Technology (DSE) 2. Silkworm Seed and Silk Technology (DSE) 3. Silkworm Seed and Silk Technology (Skill Enhancement Course)	USETC-501 USEPE-502 USETS-503	15 09	29 33

Enrolment Of The Students Category Wise (2018-2019)

<u>Semester</u>	OM			SC			ST			RBA			OBC		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
I T=55 B=23 G=32	11	26	37	04	04	08	0	01	01	07	01	08	01	00	01
II T=50 B=19 G=31	08	26	35	3	3	06	00	01	01	07	01	08	01	00	01
III T=60 B=14 G=46	03	25	28	03	12	15	00	05	05	07	02	09	01	02	03
IV T=60 B=14 G=46	03	25	28	03	12	15	00	05	05	07	02	09	01	02	03
V T=44	12	15	27	01	05	06	1	0	01	00	06	06	01	03	4

Enrolment of the students Year wise 2019-2020

Semester	Course Name	Course Code	Enro	
			Boys	Girls
I	1. Introduction to Sericulture and Soil Science(Theory Core) 2. Introduction to Sericulture and Soil Science(Practical)	USETC-101 USEPC-102	20	47
II	1. Biology of Mulberry and Silkworm Rearing(Theory Core) 2. Biology of Mulberry and Silkworm Rearing(Practical Core)	USETC-201 USEPC-202	18	44
III	1. Diseases and Pests of Mulberry and Silkworm Rearing (Theory Core) 2. Diseases and Pests of Mulberry and Silkworm Rearing (Practical Core) 3. Mulberry Production Technology (Skill Enhancement Course)	USETC-301 USEPC-302	17	30
		USETS-303	17	17
IV	1. Genetics and Breeding of Silkworm Mulberry (Theory core) 2. Genetics and Breeding of Silkworm Mulberry (Practical core) 3. Silkworm Seed Technology (Skill Enhancement Course)	USETC-401 USEPC-402	17	30
		USETS-403	31	20
V	1. Silkworm Seed and Silk Technology (DSE) 2. Silkworm Seed and Silk Technology (DSE) 3. Silkworm Rearing Technology (Skill Enhancement Course)	USETE-501 USEPE-502	11	47
		USETS-503	18	25

Enrolment Of The Students Category Wise (2019-2020)

<u>Semester</u>	OM			SC			ST			RBA			OBC		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
I T=67 B=20 G=47	11	31	42	05	12	17	01	02	03	03	0	03	0	02	02
II T=62 B=18 G=44	11	28	39	4	12	16	01	02	03	02	00	02	00	02	02
III T=47 B=17 G=30	08	25	33	03	03	06	00	01	01	05	01	06	1	0	01
IV T=47 B=17 G=30	08	25	33	03	03	06	00	01	01	05	01	06	1	0	01
V	06	23	29	02	13	15	00	05	05	03	03	06	00	03	03

Enrolment of the students Year wise 2020-2021

Semester	Course Name	Course Code	Enrollment	
			Boys	Girls
I	1. Introduction to Sericulture and Soil Science(Theory Core) 2. Introduction to Sericulture and Soil Science(Practical)	USETC-101 USEPC-102	19	44
II	1. Biology of Mulberry and Silkworm Rearing(Theory Core) 2. Biology of Mulberry and Silkworm Rearing(Practical Core)	USETC-201 USEPC-202	13	41
III	1. Diseases and Pests of Mulberry and Silkworm Rearing (Theory Core) 2. Diseases and Pests of Mulberry and Silkworm Rearing (Practical Core) 3. Mulberry Production Technology (Skill Enhancement Course)	USETC-301 USEPC-302	18	40
		USETS-303	18	03
IV	1. Genetics and Breeding of Silkworm Mulberry (Theory core) 2. Genetics and Breeding of Silkworm Mulberry (Practical core) 3. Silkworm Seed Technology (Skill Enhancement Course)	USETC-401 USEPC-402	18	40
		USETS-403	18	03
V	1. Silkworm Seed and Silk Technology (DSE) 2. Silkworm Seed and Silk Technology (DSE) 3. Silkworm Rearing Technology (Skill Enhancement Course)	USETC-501 USEPE-502 USETC-503	16	29

Enrolment Of The Students Category Wise (2020-2021)															
Semester	OM			SC			ST			RBA			OBC		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
I T=63,G=44, B=19	14	36	50	3	4	7	0	2	2	2	1	3	0	1	1
II T=54,G=41, B=13	10	35	45	3	3	6	0	2	2	0	1	1	0	0	0
III T=58,G=40, B=18	11	26	37	6	8	14	1	2	3	0	2	2	0	2	2
IV T=58,G=40, B=18	11	26	37	6	8	14	1	2	3	0	2	2	0	2	2
V T=45,G=29, B=16	9	26	35	3	2	5	0	0	0	03	01	04	01	0	1
VI T=45,G=29, B=16	9	26	35	3	2	5	0	0	0	03	01	04	01	0	1

Results

- Results year wise, class wise as well as its analysis

Year	Class/ Semester	Enrolled			Appeared			PASSED			PASS %		
		BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL
2016-2017	Semester-VI	21	20	41	21	20	41	21	19	40	100	95	97.5
2017-2018	Semester-VI	18	28	46	18	28	46	17	28	45	94.4	100	97.8
2018-2019	Semester-VI	15	29	44	15	29	44	15	29	44	100	100	100
2019-2020	Semester-VI	11	47	58	11	47	58	11	47	58	100	100	100
2020-2021	Semester-VI	16	29	45	15	29	44	15	29	44	100	100	100

Results

Year	Class/ Semester	Enrolled			Appeared			PASSED			PASS %		
		BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL
2016-2017	I	28	29	57	28	28	56	22	28	50	78.5	100	89.2
	II	29	27	56	22	27	49	16	27	43	72.7	100	87.7
	III	19	26	45	19	26	45	18	25	43	94	96	95
	IV	19	26	45	19	26	45	18	26	44	94.7	100	97.78
	V	21	20	41	20	20	40	20	20	40	100	100	100
	VI	20	20	40	20	20	40	20	19	39	100	95	97.5

Results

Year	Class/ Semester	Enrolled			Appeared			PASSED			PASS %		
		BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL
2017-2018	I	15	53	68	13	49	62	11	43	54	84.6	87.7	87
	II	13	49	62	13	49	62	13	49	62	100	100	100
	III	15	31	46	15	31	46	14	30	44	93.3	96.7	95.6
	IV	19	26	45	19	26	45	18	26	44	94.74	100	97.78
	V	19	28	47	18	28	46	18	27	45	100	96.4	97.8
	VI	19	28	47	18	28	46	17	28	45	94.4	100	97.8

Results

Year	Class/ Semester	Enrolled			Appeared			PASSED			PASS %		
		BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL
2018-2019	I	23	32	55	19	31	50	18	29	47	94.7	93.5	94
	II	19	31	50	17	30	47	11	21	32	64.7	70	68
	III	13	47	60	12	47	59	11	46	57	91.6	97.8	96.6
	IV	12	47	59	11	47	58	11	47	58	100	100	100
	V	15	29	44	15	29	44	13	29	42	86.6	100	95.4
	VI	15	29	44	15	29	44	15	29	44	100	100	100

Results

Year	Class/ Semester	Enrolled			Appeared			PASSED			PASS %		
		BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL
2019-2020	I	19	45	64	17	45	62	16	35	51	94.11	77.77	82.25
	II	19	31	50	17	30	47	11	21	32	64.7	70	68
	III	17	30	47	16	30	46	16	30	46	100	100	100
	IV	16	30	46	15	30	45	15	30	45	100	100	100
	V	11	47	58	11	47	58	10	46	56	90.91	97.87	96.55
	VI	11	47	58	11	47	58	11	47	58	100	100	100

Results

Year	Class/ Semester	Enrolled			Appeared			PASSED			PASS %		
		BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL
2020-2021	I	17	44	61	11	41	52	11	41	52	100	100	100
	II	13	41	54	11	41	52	11	41	52	100	100	100
	III	18	40	58	18	39	57	18	39	57	100	100	100
	IV	18	40	58	18	39	57	18	39	57	100	100	100
	V	16	29	45	15	29	44	15	29	44	100	100	100
	VI	16	29	45	15	29	44	15	29	44	100	100	100

Student Progression

- Tabulation year wise (Job, PG admissions, any other course, entrepreneurship)

Year	Total students enrolled	Student's Progression						
		Master's Degree		B.Ed	Ph.D	In Job	PREPARING FOR COMPITITVE EXAMS	Data Not Available
		Sericulture	others					
2016-17	41	00	11	10	NIL	04	-	16
2017-18	49	06	12	14	01 (SERI.) 2022	01	-	15
2018-19	44	03	16	04	NIL	01	10	
2019-20	58	1	20	09	NIL	02	12	14
2020-21	57	1	15	11	NIL	03	10	17

Best Practices

▶ Best Practices if any with supporting documents, Like

▶ **Students trainings/ co-curricular activities organized by your department/ field visits etc.:**

Organized 4 weeks EDP training programme from 3-03-2020 to 12-03-2020 (offline mode) and from 12-03-2020 to 13-10-2020 (Due to covid-19 pandemic online classes were conducted occasionally as per the availability of resource persons and students).

▶ Internship :NA

▶ MOUs/Collaborations/Consultancy if any : with reeling unit

▶ Start-up etc.: NA

▶ Students Guidance (Mentor-mentee details):

▶ Any financial assistance to the needy students: Nil

▶ Contribution of Books or any learning material to library in hard copy form or digital form by alumni/ teachers: e-content of all the semesters in digital form.

▶ Any other exceptional activity other than regular activities by different committees with proper report :

Students Guidance (Mentor-mentee details):2016-2017

Semester	SUBJECT	Mentor/Mentee	ROLL.NO	STRENGTHH
I	Sericulture	Dr. Bandana Mazal	782-784, 786-788, 790- 803, 806-816, 818-831, 833-840	53
II	Sericulture	Prof. Gurvinder Raj Verma	782, 784, 786-788, 790-795, 797-798, 800-803, 806-816, 818-831, 833-840	50
III	Sericulture	Dr. Bandana Mazal	50-91, 95-97	45
IV	Sericulture	Dr. Mokshe Sajgotra	50-91, 95-97	45
V	Sericulture	Dr. Mokshe Sajgotra	39-79	41
VI	Sericulture	Prof. Gurvinder Raj Verma	39-79	41

Students Guidance (Mentor-mentee details):2017-2018

Semester	SUBJECT	Mentor/Mentee	ROLL.NO	STRENGTHH
I	Sericulture	Ms. Archana Choudhary	737-746, 750-758, 762-796, 798-807, 810,811	66
II	Sericulture	Ms. Archana Choudhary	737-745, 750-758, 762-764, 766--776, 778-796, 798-802, 804-807, 810,811	62
III	Sericulture	Dr. Mokshe Sajgotra	1-41, 50-52, 54-56	46
IV	Sericulture	Dr. Mokshe Sajgotra	1-41, 50-52, 54-56	46
V	Sericulture	Prof. Gurvinder Raj Verma	60-63,66, 70-77,79,80-111 and 113	46
VI	Sericulture	Prof. Gurvinder Raj Verma	60-63,66, 70-77,79,80-111 and 113	46

Students Guidance (Mentor-mentee details):2018-2019

Semester	SUBJECT	Mentor/Mentee	ROLL.NO	STRENGTHH
I	Sericulture	Ms. Archana Choudhary	121-165, 181-188, 191,192	55
II	Sericulture	Ms. Archana Choudhary	121-165, 181-188, 191,192	55
III	Sericulture	Dr. Mokshe Sajgotra	61-102, 121-128, 136-145	60
IV	Sericulture	Dr. Mokshe Sajgotra	61-102, 121-128, 136-145	60
V	Sericulture	Prof. Gurvinder Raj Verma	71-110,116-118,121	43
VI	Sericulture	Prof. Gurvinder Raj Verma	71-110,116-118,121	43

Students Guidance (Mentor-mentee details):2019-2020

Semester	SUBJECT	Mentor/Mentee	ROLL.NO	STRENGTHH
I	Sericulture	Dr. Bandana Mazal	101-157, 161-171	67
II	Sericulture	Dr. Bandana Mazal	101-157, 161-171	67
III	Sericulture	Dr. Mokshe Sajgotra	81-116, 118-124, 136-138, 141	47
IV	Sericulture	Dr. Mokshe Sajgotra	81-116, 118-124, 136-138, 141	47
V	Sericulture	Prof. Gurvinder Raj Verma	51-89, 101-109, 116-125	58
VI	Sericulture	Prof. Gurvinder Raj Verma	51-89, 101-109, 116-125	58

Students Guidance (Mentor-mentee details):2020-2021

Semester	SUBJECT	Mentor/Mentee	ROLL.NO	STRENGTHH
I	Sericulture	Dr. Bandana Mazal	55-136, 154-158, 178-182, 214	63
II	Sericulture	Dr. Bandana Mazal	55-136, 154-158, 178-182, 214	63
III	Sericulture	Dr. Mokshe Sajgotra	62-111, 120-126	58
IV	Sericulture	Dr. Mokshe Sajgotra	62-111, 120-126	58
V	Sericulture	Prof. Gurvinder Raj Verma	79-118, 127-130	45
VI	Sericulture	Prof. Gurvinder Raj Verma	79-118, 127-130	45

Innovative initiatives by the Deptt.

- ▶ Any initiative for social reform like adoption of any nearby Govt. School for encouraging students in different fields, any adoption effort for a slum or nearby village with special purpose:
- ▶ Adopted Nain-su Badali Rakh Village for disbursing new seri-technologies to the farmers and to become aware of their problems.

Teaching learning Methodology

- ▶ Experiential learning : Through demonstrations, audio visual aids, trainings etc.
- ▶ Participative learning (Seminar presentation, Quiz competition, speech, debate, poster presentation, field visit reports etc.): Through presentations and field visit reports.

Mode of Assessment

- ▶ Under the semester system, introduced by the university of Jammu , the 3 years B.Sc. Degree Programme spreads over 6 semester,with 2 semester in each year. The evaluation of each course comprises of two parts; internal and external assessment. Internal assessment is done by the college itself, whereas, external examination is conducted by the university.
- ▶ Each course (Sericulture) consists of 150 marks carrying theory(100 marks) and practical (50 marks). Each theory paper consists of 100 marks, 20% of which has been reserved for internal assessment and 80% for External examination to be conducted by the university and in case of practical course 25 marks are reserved for internal practical test and 25 for external practical test.
- ▶ Further, internal practical assessment is done on the basis of students attendance, their daily conductance in the practical class, written examination and viva-voce.

SWOC/SWOT ANALYSIS

Departmental Strengths

1. Provides vocational education to students.
2. Provides employment to rural youth.
3. Students with bio-sciences background prefer to opt this subject.
4. Well equipped soil testing lab.
5. Well established infrastructure.
6. Laboratory is equipped with required tools and equipments.
7. Easily adoptable seri-technologies by the farmers.
8. Well established mulberry garden.
9. ICT-mediated teaching.
10. Practical knowledge about silk farming.

SWOC/SWOT ANALYSIS

Departmental Weakness:

1. No separate rearing block.
2. Sericulture is only taught as one of the subjects at UG level.
3. Teaching and Non-Teaching posts are inadequate.

SWOC/SWOT ANALYSIS

Departmental Opportunities:

1. Add-on & Diploma courses in sericulture can be introduced.
2. Minor & Major projects in sericulture can be taken up.
3. Potential of sericulture in adjoining rural areas for students.
4. B.Sc. Sericulture can be introduced at UG Level.

SWOC/SWOT ANALYSIS

Departmental Challenges/Threats:

1. Motivate and encourage students for entrepreneurship in sericulture.
2. Student's progression in the field of higher education.

Glimpses of activities carried out by your Deptt.

- ▶ Visit of B.Sc. semester-I students to Basic Seed Station Cherry, and Soil testing laboratory, Dept. Of Agriculture was organized on 21-09-2016 to 23-09-2016 to gain practical aspects in Mulberry plantation and soil analysis.
- ▶ Visit of B.Sc. semester-V students to silk reeling factory Jakheni and Silkworm Seed production Centre, Central Silk Board ,Udhampur was conducted on 18-10-2016 to gain practical aspects in silk reeling and seed production technology.
- ▶ Visit of B.Sc. semester-III students to Nain-Su Badali village on 21-10-2016 was carried for surveying the Mulberry cultivation and Silkworm rearing aspects of the Sericulture farmers.
- ▶ Lecture by Dr. M.K Tayal on Silkworm diseases on 28-10-2016.
- ▶ Visit of B.Sc. semester-I students to Basic Seed Station Cherry, Udhampur was conducted on 7-10-2017 to gain practical aspects in Mulberry plantation.
- ▶ Visit of B.Sc. semester-V students to silk reeling factory Jakheni and Silkworm Seed production Centre, Central Silk Board ,Udhampur was conducted on 9-10-2017 to gain practical aspects in silk reeling and seed production technology.
- ▶ Lecture on Non-Mulberry Sericulture in India-its Organizational set up and employment potential by Dr. Narinder Kumar Bhatia, Scientist -D Silkworm Seed Production Centre, Central Silk Board Jakheni Udhampur was organized on 04-02-2017.
- ▶ Lecture on “NABARD Credits Facilities and its Procedure” was organized as part of awareness programme under star college scheme on 4-04-2018.

Activities Held by the
Department

2016-2017

Visit to Soil Testing Laboratory



2016-2017

Visit to Basic Seed Farm



2016-2017

Lecture on silkworm Diseases by Dr. M.K Tayal



2017-2018

Visit to Silk Reeling Unit



Learning Activities

Disinfection



Leaf Harvesting



Silkworm Rearing Activities

Leaf Feeding



Silkworm rearing



Post Rearing Activities

Cocoons Before Harvesting



Cocoon-Harvesting

