



Departmental Profile
of
Department of Sericulture
SKC GDC Poonch
Submitted by: *Dr. Arti Sharma, Assistant Professor & Head*



Brief Introduction

The Department of Sericulture at Shri Krishan Chander Government Degree College (SKC GDC) Poonch, is a specialized academic division dedicated to the study of mulberry cultivation, silkworm rearing, silk production, and allied fields. The Department of Sericulture was established in the year 1997. The Department has a well-equipped laboratory cum smart classroom, silkworm rearing room, mulberry garden and library. The faculty comprises of dedicated professionals holding experience and expertise. Sericulture is being offered as a minor subject, multidisciplinary course and skill enhancement course in the college. The Department has necessary infrastructure to teach the course and ideal ambiance for teaching-learning process.



Vision of the Department

- To deliver high-quality education and practical training in sericulture through an updated curriculum, experiential learning, and strong industry-institution linkages.
- We are committed to conducting relevant research, extending knowledge to the farming community, and fostering an environment of innovation and entrepreneurship among our students.
- To attain excellence in sericulture education, research and transfer of technologies to the user group for the improvement of their livelihood.
- To develop skilled human resources in the diversified field of sericulture through formal education.
- To provide congenial educational environment, learning experiences and equal opportunities to enable the students to grow and prosper in their career.
- To inculcate entrepreneurial skills in the students.
- Promotion of sustainable use of natural resources for sustaining the tradition of Silk Farming in J&K.

Mission of the Department

- To nurture sericulture as sustainable and profitable vocation for the students with emphasis on rural employment for the holistic development.
- To impart adequate skill and confidence among students to emerge as potential entrepreneurs.
- To strengthen research, extension and training programs for various applications.
- To impart education in the branches of sericulture and allied activities.
- 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 through appropriate extension strategies.
- To act as a centre of consultancy to address the local issues in relation to sericulture farming.
- To organise classes with subject experts, industry and field trainers.
- To maintain rich biodiversity of sericulture (both mulberry and non-mulberry) in J&K.
- To provide extension services to the farmers for strengthening their total productivity.
- To make J&K as leading producer of bivoltine silk on National and International level.

1. About the Department

a.	Year of Establishment	1997
b.	<p>Teaching Faculty (02)</p> <p>1. Dr. Arti Sharma (Assistant Professor)</p> <p>2. Dr. Aadil Hussain Mir (Lecturer)</p> <p>I. Patents: NIL</p> <p>II. Publications (National/International) of Dr. Arti Sharma (15)</p>	

SL No	Authors	Year	Topic of the Publication	Nature of Publication	Journal Name	Vol, Issue	ISSN NO.
01	Arti Sharma, Palvi Sharma, Jyoti Thakur, Murali, S, Arti Devi, Sardar Singh	2018	Effect of Food Rationing On quantitative And qualitative Parameters of Silkworm, <i>Bombyx mori</i> L. International Journal of Agriculture Sciences	International	International Journal of Agriculture Sciences	10(16): 1-5	0975-9107
02	Murali, S, Arti Sharma, Palvi Sharma, Jyoti Thakur, Arti Devi, Sardar Singh	2018	Screening and Identification of Selected Breeds for their Commercial Characteristics of Silkworm, <i>Bombyx mori</i> L. Under Subtropical Region of Jammu J & K	International	Trends in Biosciences	11(33): 3751-3759	0974-8431
03	Arti Sharma, Palvi Sharma, Jyoti Thakur, S. Murali, Sardar Singh, Nirmal Singh	2018	Impact of Room Temperature on Chawki Stage and Its Effect on Later Stages of Double Hybrid, <i>Bombyx mori</i> L., its Growth, Development and Cocoon Productivity	International	International Journal of Current Microbiology & Applied Sciences	7(6): 1521-1526	2319-7706

ii. Publications (National/International) of Dr. Arti Sharma

Sl. No	Authors	Year	Topic of the Publication	Nature of Publication	Journal Name	Vol, Issue	ISSN NO.
04	Palvi Sharma, Arti Sharma, Jyoti Thakur, Murali S, Kamlesh Bali	2019	Mulberry as a Life Saviour – A Review	International	Journal of Pharmacognosy and Phytochemistry	9(2): 2445-2451	2278-4136
05	Arti Sharma, Palvi Sharma, Jyoti Thakur, Murali S, Kamlesh Bali	2020	Viral Diseases of Mulberry Silkworm, <i>Bombyx mori</i> L. – A Review	International	Journal of Pharmacognosy and Phytochemistry	9(2): 415-423	2278-4136
06	Arti Sharma, R. K. Gupta, Palvi Sharma, Jasseena Qadir, R. S. Bandral, Kamlesh Bali	2022	Technological Innovations in Sericulture	International	International Journal of Entomology Research	7(1): 7-15	2455-4758
07	Arti Sharma, R. K. Gupta, Kapil Attri, Sumiya Afreen, R. S. Bandral, Kamlesh Bali	2022	Transgenesis in Silkworms An overview	International	International Journal of Entomology Research	7(1): 73-80	2455-4758
08	Arti Sharma, R. K. Gupta, Palvi Sharma, Duwa, Kapil Attri, R. S. Bandral, Kamlesh Bali	2022	Silkworm as an Edible Insect: A review	International	The Pharma Innovation Journal	11(2): 1667-1674	2277-7695
09	Arti Sharma, R.S. Bandral, Palvi Sharma, R. K. Gupta, Kamlesh Bali, Uma Shankar, Susheel Sharma, R.K. Pandey	2022	Effect of drone brood and protinex fortification on feeding indices of silkworm, <i>Bombyx mori</i> L.	International	The Pharma Innovation Journal	11(8): 285-289	2277-7695
10.	Palvi Sharma, Kamlesh Bali, Arti Sharma, R. K. Gupta, Kapil Attri	2022	Potential use of sericultural by products: A review	International	The Pharma Innovation Journal	11(8): 1154-1158	2277-7695
11.	Palvi Sharma, Kamlesh Bali, Arti Sharma, R. K. Gupta, AK Singh, Meenakshi Gupta and R.K. Samnotra	2022	Effect of high temperature on commercial traits of silkworm, <i>Bombyx mori</i> L.	International	The Pharma Innovation Journal	11(12): 2870-2873	2349-8242
12.	Arti Sharma, Palvi Sharma, RS Bandral, R.K Gupta and Kamlesh Bali	2023	Influence of protein fortification on larval growth parameters of silkworm, <i>Bombyx mori</i> L.	International	The Pharma Innovation Journal	12(3): 2978-2982	2349-8242
13.	Palvi Sharma, Arti Sharma, Kamlesh Bali and R.K Gupta	2023	Influence of temperature variations on cocoon parameters of silkworm, <i>Bombyx mori</i> L.	International	The Pharma Innovation Journal	12(3):3477-3480	2349-8242
14.	Sharma, P., Sharma, A., Choudhary, S., Attri, K., Afreen, S., Bali, K. and Gupta, R. K.	2023	Response of Silkworm (<i>Bombyx mori</i> L.) Breeds to Temperature and BmNPV Stress.	International	International Journal of Environment and Climate Change	13 (9): 2332-2337	2581-8627
15.	Arti Sharma, Palvi Sharma, Rakesh Singh Bandral, Rakesh Kumar Gupta and Kamlesh Bali	2024	Protein Fortification Improved Silkworm Productivity	International	Journal of Community Mobilization and Sustainable Development	19(1): 164-170	2231-6736

ii. Publications (National/International) of Dr. Aadil Hussain Mir (08)

- **Efficacy of multinutrient foilar spray on mulberry leaf yield, quality and commercial characters of silkworm (Bombyx mori.L).**
Aadil Hussain Mir, M. R. Mir S.,Ansar Ul Haq., R.K. Sharma and M.F. Baqual
- **Effect of different harvesting methods on Sproutig, leaf area and leaf yield in mulberry under Kashmir climatic conditions**
Adil Hussain Mir, M. R. Mir ,Gora M.M, R. K. Sharma, Z.H. Rufaie
- **Influence of shoot age on rooting in mulberry cuttings and the growth of saplings under two different environments**
Gora M.M. , M. R. Mir S. A Mir , Tajamul Islam, M.F. Baqual, R.K. Sharma , Aadil Hussain Mir
- **Utilisation of Nutraceutical as a Strategy to Reduce the Loss in Quantitative Parameters of Cocoons in Bombyx Mori, L., Infected With Grasserie Disease (Bmnpv) (Published:2023)**
Auqib Hussain Ganie*, Khurshid Ahmad Dar, Ovais Ahmad Hajam and Aadil Hussain Mir
- **Study on the Challenges Faced by Farmers in Adoption of Sericulture in Kothar Area of Anantnag District of Jammu and Kashmir. (Published:2023)**
Ovais Ahmad Hajam*, F.A. Malik, Auqib Hussain Ganie, Aadil Hussain Mir and Ishtiyaq Ahmad Bhat.
- **Advances in bioresearch using animals in biomedical research: legal and ethical imperatives**
Nitin Sharma, Kartika Bakshi, Sheeba Ahad, Aadil Hussain Mir and R.K. Sharma
- **Effect of seedrates on seed germination and seedling growth of mulberry(Morus Sp.)**
mohd younis, Ab waheed wani, Nisar Ah Ganie, M.F. Baqual, , Z.H. Rufaie and Aadil Hussain Mir
- **Effect of different harvesting methods on Sprouting behaviour, sprouting percentage and frost damage in mulberry under Kashmir climatic conditions**
Adil Hussain Mir, Ovais Ahmad Hajam, R. K. Sharma, M. R. Mir, A. H. Ganie.

iii. Seminars/Conferences/Workshops attended of **Dr. Arti Sharma**

Conference Attended

- State conference on ‘Climate Change Management for Sustainable Agriculture, Livestock Farming and Ecological Development’ organized by Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu for a period of three days from 14-10-2019 to 16-10-2019.
- Zonal Convention on “Natural Farming- A national priority for Human Health and Ecological Restoration” organized by Vidhyarthi Ceva Educational Trust Jammu, J&K in collaboration with ICAR, SKUAST- Jammu and ABVP for a period of two days from 05-04-2022 to 06-04-2022.
- 5th International Conference on “Advances in Agriculture Technology and Allied Sciences” on June 4-5, 2022.
- Regional Conference on “Specialty Agriculture in the Context of Farm Economy of Himalayan Region” organized by Division of Agricultural Economics and Agribusiness Management, SKUAST-Jammu, in collaboration with Indian Society of Agricultural Economics w.e.f from September 21st -22nd 2022.
- National Conference on 'Ecological Engineering and Sustainable Livelihood" July 05-07, 2024 organized by Entomological Science Academy (ESA) in collaboration with SKUAST-Jammu.

iii. Seminars/Conferences/Workshops attended of **Dr. Arti Sharma**

Webinar/Symposium Attended

- National webinar on ‘Traditional Agriculture: Self – reliant Bharat’ organized by Kshitij Foundation and Agrivision during 20-21 June, 2020 (Two days).
- National level ‘Zoology Webinar Series 2020’ organized by Department of Zoology, St. Xavier’s Collage (Autonomous), Palayamkottai, during 22.07.2020, 23.07.2020 and 25.07.2020 (Three days).
- International webinar on ‘Recent Advances in Chemical Sciences’ organized by the Department of Chemistry, St. Xavier’s Collage (Autonomous), Palayamkottai, on 28th July 2020.
- National webinar on ‘Future Prospects of Apiculture in India’ held on 28th July 2020 at University of Agricultural Sciences, Bangalore, organized by All India Coordinated Research Project on Honey Bees & Pollinators and Department of Apiculture, UAS, GKVK, Bengaluru, Karnataka.
- International webinar on ‘Recent Trends in Biochemical Sciences’ held from 24th to 26th August, 2020 (Three days) organized by the PG & Research Department of Advanced Zoology and Biotechnology, Guru Nanak Collage (Autonomous), Guru Nanak Salai, Velachery, Chennai-42.
- National webinar on ‘Recent Advances in Soil Microbiological Research with special thrust to Biofertilizer Technology’ organized by Bihar Agricultural University, Sabour, Bhagalpur held on August 25, 2020.
- National web conference on ‘Mushroom Production: An Emerging Avenue for Rural Youth and Self Employment’ organized by Bihar Agricultural University, Sabour, Bhagalpur held on August 26 and 27, 2020 (Two days).
- National level online Professional Development Programme on ‘The open way of virtual learning and issues of Plagiarism’ held on 30th August, 2020 , organized by Department of Library in association with IQAC Karimpur Pannadevi Collage, Karimpur, District- Nadia and in collaboration with MoU partner Jalangi Mahavidyalaya, Murshidabad, West Bengal.
- National webinar on ‘Sustainable Pest Management of Organic Banana: Need of Climate Smart Agriculture’ organized by Bihar Agricultural University, Sabour, Bhagalpur held on August 31, 2020.
- National Web-Symposium on ‘Recent Advances in Beneficial Insects and Natural Resins & Gums’ organized by Society for Advancement of Natural Resins & Gums and ICAR-Indian Institute of Natural Resins and Gums, Ranchi, Jharkhand held on 25th to 26th February, 2021.

iii. Seminars/Conferences/Workshops attended of **Dr. Arti Sharma**

Workshop Attended

- “Statistical Learning and Analysis for Researchers” held on 1st July, 2019 at Division of Statistics and Computer Science, SKUAST-J, Chatha, Jammu (J&K), India.
- Delivered a series of lectures on "Seribiototechnology, Silkworm Physiology, Toxicology, Breeding and Genetics" in 'Two-Days Seminar on Recent Trends and Advances in Pre-Cocoon and Post-Cocoon Technology in Sericulture' organized by the PG Department of Sericulture, Poonch Campus, University of Jammu held on 4th and 5th of February, 2025.
- Delivered a lecture on "Problems and Prospects of Sericulture in Jammu & Kashmir UT" during the '21-day National Training cum Workshop on Livestock, Aquaculture and Sustainable Agriculture Practices' organized by Meadow Agriculture, in collaboration with Veterinary college, Hassan held from December 1st -21st, 2024.
- Successfully completed the "21 day National Training cum Workshop on Livestock, Aquaculture and Sustainable Agriculture Practices", organized by Meadow Agriculture, Veterinary College Hasan affiliated by Karnataka Veterinary, Animal & Fisheries Science University Karnataka, SR University Warangal from 1st to 21st December, 2024.
- Two day's workshop on Emerging Trends in Silk Farming organized by PG Department of Sericulture, Poonch Campus, University of Jammu on 27-28th of October, 2025.

iii. Seminars/Conferences/Workshops attended of **Dr. Aadil Hussain Mir**

- Workshop on “Exploring Entrepreneurship Development in Silk Industry” 29th June – 1st July, 2020.
- National Webinar on “Unraveling the Skills of Sericulture (A Tool for Self employment and Poverty Alleviation)” 14-16th July, 2020.
- Workshop on Entrepreneurship awareness camp entitled Entrepreneurial Opportunities in Agriculture, organized by Directorate of Extension SKUAST-K, Sponsored by EDI, DST, NIMAT, Gujarat November 28-30th, 2017.
- Attended 2 days International Conference on Multidisciplinary Approaches in Engineering, Science, Agriculture & Social Studies 03-04th June, 2023.

v. FDPs/Short Term Courses Attended of Dr. Arti Sharma

Successfully attended 10 Days ICAR Short Training Course on "Entrepreneurship and Startup Opportunities in Entomology" organized by Division of Entomology, FoA, Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu w.e.f. 19-28th February, 2025.



c. Non-Teaching and Supporting Staff
d. Former Teaching Faculty

Sl. No.	Name of Non-Teaching Staff	Designation
1.	Ms. Gurmeet Kour	Laboratory Assistant
2.	Mr. Imtiaz Ahmed	Local Fund Employee

Sl. No.	Name of Former Teaching Faculty	Designation
1.	Dr. Shamim Ahmed Bandey	Associate Professor
2.	Prof. Gurvinder Raj Verma	Associate Professor
3.	Dr. Bandana Mazal	Assistant Professor
4.	Dr. Jyoti Angotra	Lecturer
5.	Dr. Muzafar Ahmad Bhat	Lecturer
6.	Dr. Sheetal Rani	Lecturer

e. Alumni

Sl. No.	Name of Alumni	Highest Qualification	Present Designation
1.	Dr. Amardev Singh	Ph.D.	Scientist-D
2.	Dr. Harjeet Singh	Ph.D.	Sericulture Assistant
3.	Dr. Amit Singh	Ph.D.	Sericulture Assistant
4.	Ms. Avinder Kour	M.Sc.	Sericulture Assistant
5.	Ms. Kalpna Sudan	M.Sc.	Contractual Teaching Assistant
6.	Ms. Rakhi Gupta	M.Sc.	Contractual Teaching Assistant
7.	Ms. Soumya Kapoor	M.Sc.	Contractual Teaching Assistant

f. Departmental Achievements of Last 5 Years



Approval of Skill-Oriented Certification: A formal proposal for the introduction of a Skill Certificate Course in Sericulture has been successfully submitted and received official academic approval. This structured programme is slated for implementation commencing the 2026-2027 Academic Session, demonstrating the department's commitment to expanding its vocational and skill-based educational offerings in alignment with national educational and skill development objectives.



Successful Execution of Spring Bivoltine Silkworm Rearing: The department successfully conducted and completed the Spring Bivoltine Silkworm Rearing cycle during the 2025 academic year. This hands-on programme provided students with critical experiential learning in advanced rearing techniques, lifecycle management, and quality cocoon production under controlled seasonal conditions, thereby strengthening the practical component of the sericulture curriculum.



Promotion of Entrepreneurial Initiatives: The department organized targeted awareness programmes focused on "Start-ups and Entrepreneurship Opportunities in Sericulture." These sessions aimed to inform and inspire students about the scope for enterprise creation, value addition, and sustainable business models within the sericulture value chain, fostering an entrepreneurial mindset beyond conventional career paths.



Growth in Student Enrollment for Specialized Courses: The department has recorded a marked increase in student enrollment for its specialized academic offerings, including Minor courses, Multi-Disciplinary (MD) courses, and Skill Enhancement Courses (SECs) in Sericulture. This upward trend reflects growing student interest, the relevance of the curriculum, and the successful alignment of course content with contemporary academic and industry requirements.



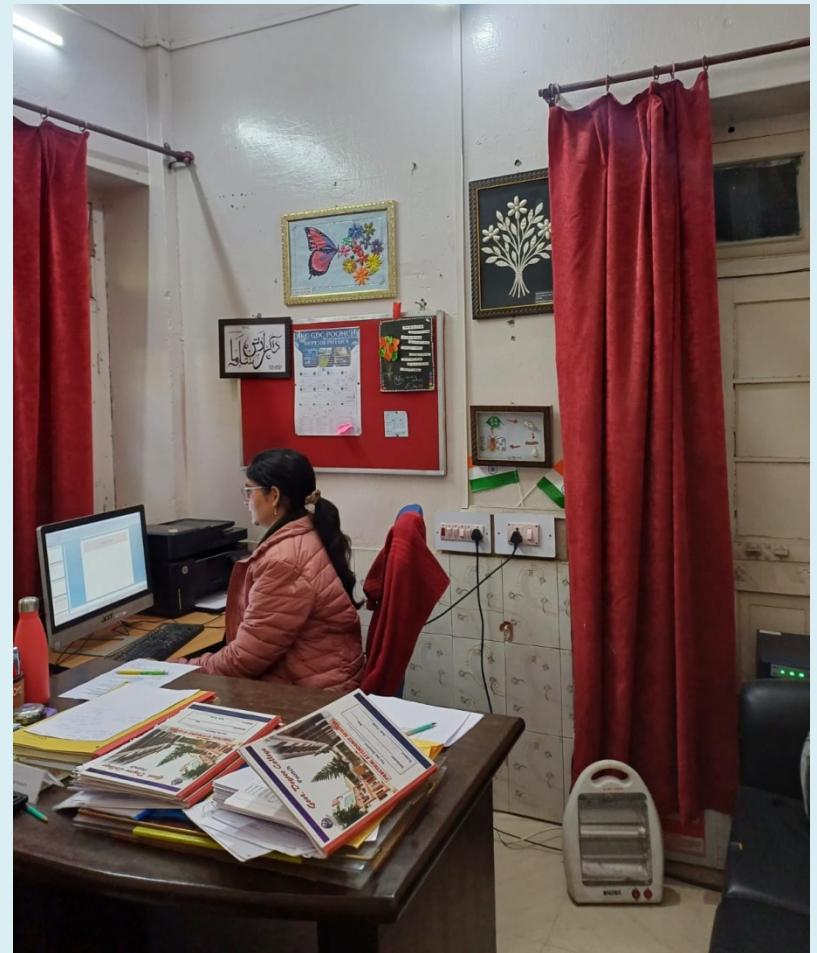
Implementation of Differentiated Instructional Support: To ensure inclusive academic progress, the department proactively conducted remedial classes for students identified as slow learners, providing them with additional support to grasp core concepts. Concurrently, specialized coding sessions were organized for advanced learners, aimed at developing their computational skills and data analysis capabilities relevant to modern agricultural and biological sciences.



Farmer-Centric Technology Training Programme: In a collaborative initiative with the Poonch Campus, University of Jammu, the department organized an intensive five-day Farmer-Centric Training Programme during the 2022-23 session. This outreach activity was strategically designed to disseminate information and provide hands-on training to the local farming community on the latest technologies, improved practices, and sustainable methodologies in sericulture, thereby bridging the gap between academic research and field application.

j. Computer and IT facilities

To equip students with modern, technology-driven skills essential for 21st-century sericulture, the department integrates computer-based learning and data analysis into its curriculum.



k. Departmental Library

The Department of Sericulture boasts a specialized Departmental Library that serves as a vital academic resource center. It houses a comprehensive and updated collection of core textbooks, advanced references, rare books, and leading national and international journals in sericulture and allied fields. The library provides a conducive environment for study with dedicated reading spaces and offers essential services like orientation, reference support, and inter-library loans through its network with the college and university libraries. Our collection is dynamically developed in consultation with faculty to align with the evolving curriculum and research priorities of the department.



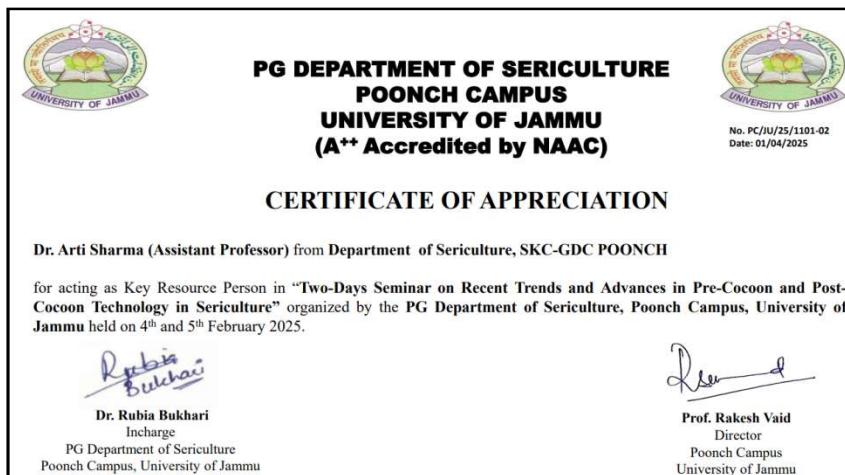
1. Laboratories

Name and Number of Major equipment's available for Students in Departmental Laboratory					
Items	No.	Items	No.	Items	No.
Students Microscope	23	Monocular Microscope	02	pH Meter (Digital)	01
Dissection Microscope	10	BOD incubator	01	Centrifuge Machine	03
Electronic Balance	02	Humidifier	01	Farm Implements	12
Binocular microscope	01	Digital Conductivity meter	01	Hot Air Oven	01
Pruning Kit	02	Soil testing kit	01	Conductivity Meter	01
Rearing stand	02	Spectrophotometer Digital	01	Digital Shaker	01
Rearing trays	25	Compound Microscope	05	Autoclave	01



m. Departmental Seminars/Workshops/Conferences/Symposia/Debates/Quiz Competitions conducted (Last 5 years)

- Co-organized and participated in a two-day workshop on "Emerging Trends in Silk Farming" in collaboration with the PG Department of Sericulture, Poonch Campus, University of Jammu. The event focused on modern technologies and entrepreneurship in sericulture.
- Co-organized and participated in a National Seminar on "Recent Trends and Advances in Pre-Cocoon and Post-Cocoon Technology," providing a platform for discussion on innovations across the sericulture value chain.



**n. No. of Students Enrolled for Current Academic Session 2025-26
(all the courses/Semesters)**

Sl. No.	Semester	Course Type	Course No.	Course Title	Course Credits	Students Enrolled (2025-26)
1.	I	Minor	UMISET-102	Basics of Sericulture & Soil Sciences	04	25
2.	I	MD	UMDSET-103	General Sericulture-I	03	81
3.	I	Skill Enhancement Course (SEC)	USESET-104	Mulberry Production Technology	02	49
4.	III	Minor	UMISET-303	Basics of Mulberry Crop Production	04	22
5.	III	MD	UMDSET-304	Principles of Sericulture	03	81
6.	III	SEC	USESET-305	Practices of Silkworm Rearing	02	10
7.	V	Minor	UMISET-505	Principles of Vanya Sericulture	04	12
8.	VII	Minor	UMISET-705	Silkworm Transgenesis	04	08

o. Results of Last 5 Years

Year	No. of Students Appeared	No. of Students Passed	Percentage
2020-21	36	36	100%
2021-22	32	32	100%
2022-23	56	41	73%
2023-24	33	22	66%
2024-25	12	09	75%

p. Students enrolled in M.Sc./M.Phil /Ph.D. (Last 5 Years)

Year	Total students enrolled	Master's Degree	B. Ed.	Ph. D.	In Job	Preparing for Competitive Exams	Data Not Available
2020-21	36	16	05	NIL	NIL	10	05
2021-22	32	15	05	NIL	NIL	10	02
2022-23	56	20	05	NIL	NIL	25	06
2023-24	33	15	03	NIL	NIL	12	03
2024-25	12	08	Nil	NIL	NIL	04	NIL

2. Courses offered (Major/Minor/MD/Skill/Value Added/SEC)

Semester	Minor	Multidisciplinary (MD)	Skill Enhancement Course (SEC)
1 st	Basics of Sericulture & Soil Sciences (UMISET-102)	General Sericulture-I (UMDSET-103)	Mulberry Production Technology (USESET-104)
2 nd	Silkworm Biology & Practical Aspects of Silkworm Rearing (UMISET-202)	General Sericulture-II (UMDSET-203)	Silk Reeling Technology (USESET-204)
3 rd	Basics of Mulberry Crop Production (UMISET-303)	Principles of Sericulture (UMDSET-304)	Practices of Silkworm Rearing (USESET-305)
4 th	Basics of Silkworm Crop Protection (UMISET-405)	NA	NA
5 th	Principles of Vanya (Non-Mulberry) Sericulture (UMISET-505)	NA	NA
6 th	Basics of Extension Organization in Sericulture (UMISET-605)	NA	NA
7 th	Silkworm Transgenesis (UMISET-705)	NA	NA
8 th	Concepts of Biocontrol (UMISET-805)	NA	NA

3. Outreach Programmes

Department is deeply committed to impactful Outreach Programmes that connect academic expertise with community and regional development. Our flagship initiative is the 'Adoption of Seri-Village', where we work directly with farming communities for technology transfer and sustainable livelihood promotion through plantation drives.

Regular knowledge dissemination on **Prospects of Sericulture in Jammu & Kashmir**, to keep the farmers and entrepreneurs updated.



4. Capacity Building

Capacity Building is a central mission of the Sericulture Department, encompassing students, faculty, and the community. For students, we conduct regular workshops on emerging trends and hands-on skill development in areas like cocoon artistry to enhance employability and entrepreneurial potential. Our faculty are encouraged and supported to participate in national seminars, lead academic sessions, and continuously update the curriculum. Beyond the campus, we engage in significant community and institutional outreach, including adopting seri-villages for technology transfer, organizing plantation drives, and maintaining active collaborations with premier national research institutes to strengthen the regional sericulture ecosystem.



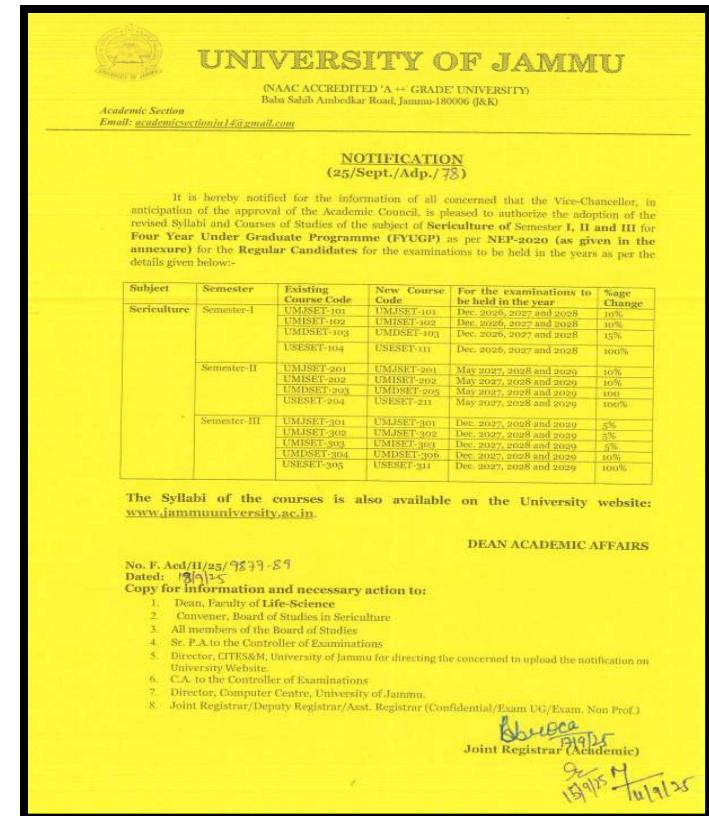
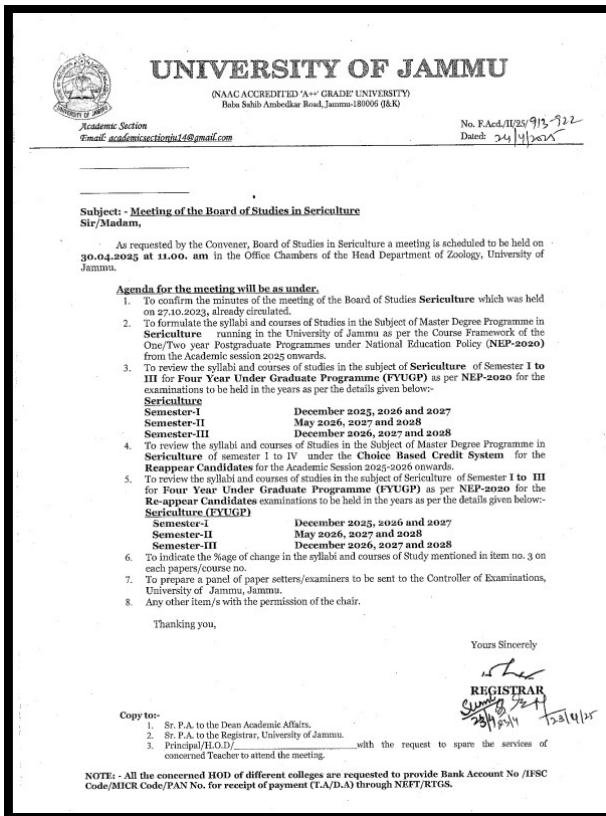
5. Syllabus Design

- Head, Department of Sericulture had attended the Board of Studies meeting on 30.4.2025 at 11:00 am in the office chambers of the Head, Department of Zoology, University of Jammu regarding syllabi design.
- Successfully formulated the syllabi and courses of studies in the subject of Master Degree Programme in Sericulture running in the University of Jammu as per the course framework of the One/Two year Postgraduate Programmes Under NEP-2020 from the academic session 2025 onwards.
- Reviewed the syllabi and courses of studies in the subject of sericulture of Sericulture of Semester I to III for Four Year Under Graduate Programme (FYUGP) as per NEP-2020 for the examinations to be held in the years as per the details given below:

Semester I: December 2025, 2026 and 2027

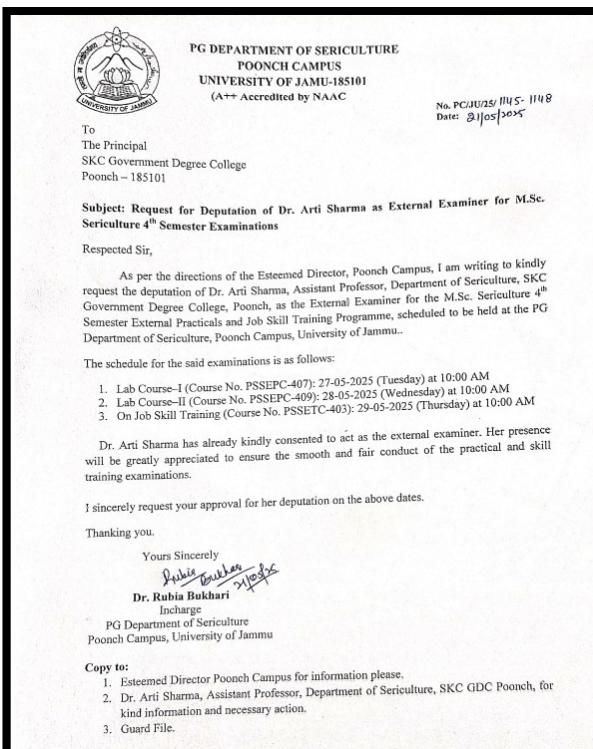
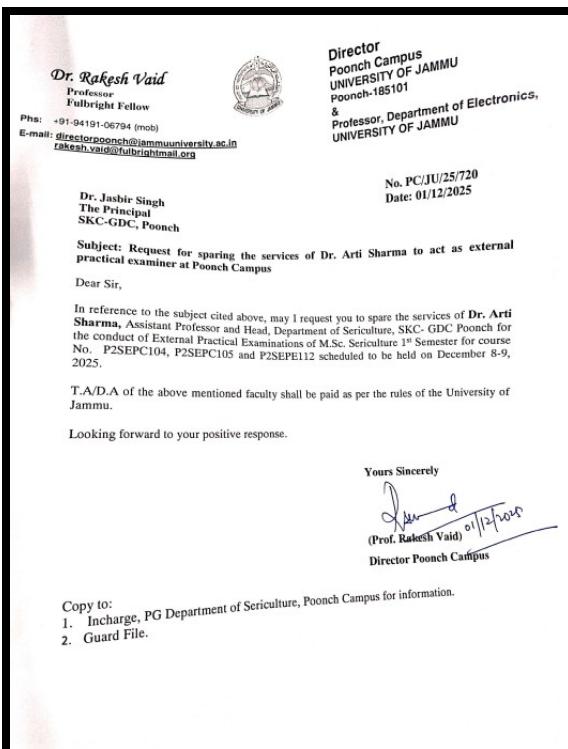
Semester II: May 2026, 2027 and 2028

Semester III: December 2026, 2027 and 2028



6. Question Paper Setting and Evaluation

- Department of Sericulture strictly follows the question paper setting and evaluation guidelines prescribed by the University of Jammu. All question papers are designed to comprehensively cover the entire syllabus of the respective undergraduate program in Sericulture, ensuring alignment with the curriculum's learning objectives and outcomes.
- The evaluation of answer scripts is conducted with utmost fairness, confidentiality, and promptness. The department ensures that examiners (internal and external) are well-versed in the subject and the agreed-upon marking scheme. A robust system for the timely marking, internal moderation, and declaration of results is maintained in coordination with the college examination cell.
- Besides the college examination and evaluation duties, department is also engaged in the paper setting and evaluation of Ph.D. Sericulture Students of SKUAST-Jammu University and M.Sc. Students of Poonch Campus, University of Jammu.



7. Co-Curricular Activities

Department of Sericulture strongly emphasizes Co-Curricular Activities to complement academic learning with real-world exposure and skill development. Our students and faculty actively participates in various co-curricular programmes.

SKC Govt. Degree College Poonch
Campus beautification/cleanliness and Plantation Drive
21st-25th Sept. 2025

- II-01 PM, 21st Sept. 2025 Campus cleanliness drive
- II-01 PM, 22nd Sept. 2025 Cleanliness of rooms and corridors cleanliness
- II-01 PM, 23rd Sept. 2025 Awareness rally, Waste segregation Adopted Village
- II-01 PM, 24th Sept. 2025 Plantation Drive in college Premises
- II-01 PM, 25th Sept. 2025 Plantation and cleanliness drive at Joggers Park Poonch

The Sewa Parv aims to:

- Inspire citizens to contribute to the nation through service-oriented activities
- Foster inclusive participation, with a special focus on youth, women, persons with disabilities, tribal communities, and other marginalized groups.
- Encourage creative expression, knowledge sharing, and intergenerational learning around themes of national importance.
- Strengthen awareness and pride in India's heritage, traditions, and contemporary achievements.

Patron
Dr. Jasbir Singh
Convenor
Dr. Waseem Ul Haq
Members
Dr. Intiaz Ahmed, Dr. Zaffer Iqbal, Dr. Arti Sharma, Dr. Tabassia Amin, Prof. Mohd Faisal

Serving Together, Building Viksit Bharat

SKC Govt. Degree College Poonch
Department of Environmental Science in collaboration with Department of Physics, Sericulture & Geography Organising One Day International Conference (Hybrid mode) on "Earth Day 2025: Discussing the Blue Planet (Our Home, Our Future)"

Theme 2025: "Our Power, Our Planet!"
Sub-themes of the Conference & experts talks in online mode (12 pm-04 pm):

- Biodiversity and Environment (Dr. A.P. Vidyarthi, Retired IFS, Sahayya Akademi Awardee & renowned ecologist, GDC, Mumbai)
- Climate and Water crisis (Dr. Parkaj Mehta, Assistant Professor at Central University of Jammu, India and visiting faculty at the University of Michigan, USA)
- Our Power, Our Planet: Focus on Renewable Energy (Dr. Chitra Sekhon, Executive ETY LTD, Australia)
- Role of policies & legislation in environment protection (Adv. Nadeem Qadri, renowned Environmental activist)
- Forest & Environment (Dr. Nitinesh T.D., Tropical Forest Research Institute (TRI), Jabalpur)
- Butterflies and Insects (Dr. Fasima Shekhi, Retired lady of IAS)

Earth Day 2025: Discussing the Blue Planet (Our Home, Our Future)
Date: 22nd April, 2025
Models, Posters, and Artwork Exhibition at Physics Gallery (10 am-12 pm)
Sub-themes of the Conference & experts talks in online mode (12 pm-04 pm)

The first law of ecology is that everything is related to everything else. (Barry Commoner)
There is no sufficiency in the world for man's need but not for man's greed. (Claudine Schneider)

If we do not permit the earth to produce beauty and joy, it will in the end not produce food either. (George W. Krutch)

The poetry of the earth is never dead. (John Keats)

The Earth does not belong to us: we belong to the Earth. (Chief Seattle)

Registrations link: <https://forms.gle/4VXK1evCtPfP0dy5b>



8. Student Mentoring

Maintained a Mentee Profile and created a Whatsapp Group.

Conducted monthly formal Meetings with the mentees.

Monitored Attendance, Academic Performance and Behavioral aspects.

Identified Slow and Advanced Learners.

Guide Students on Internships, Innovation and SWAYAM Courses.

Maintained Confidentiality and Supportive attitude.

Guided and aware mentees about Start-ups and employment opportunities in Sericulture.

Obtained regular feedback from mentees on the mentoring process.

8. Student Mentoring

SKC Govt. Degree College Poonch				
Mentor / Mentee session 2025-26				
Mentor/Mentee: Dr. Arti Sharma				
Mentee Roll No.	Name of the Mentee	Parentage	Contact No.	Semester
527	MOHD SHAHID	ABDUL GHANI	8082487206	1
528	SULTAN AHMED	MOHD AYOUB	6006947806	1
529	MOHD DASHFAQ KHAN	MOHD FAROOQ KHAN	6006801448	1
530	SAIKA SHAKEEL	SHAKEEL AHMED	6006778113	1
531	ROMINA AKHTER	JAMEEL AHMED	9541074506	1
532	RADHIKA SHARMA	YOU GAL KISHORE	8899746322	1
533	AQIB JAVAID	JAVAID AHMED	9906695732	1
534	ADIBIA YOUNIS	MOHD YOUNIS	8803280657	1
535	SAIYMA Kouser	MOHD JAHANGIR	6005407683	1
536	NAZMA Kouser	SHAMAS DIN	7051052961	1
537	HARJOT KOUR	HARJEET SINGH	9596631528	1
538	NAZMEEN KOSER	ABDUL REHMAN	9797055364	1
539	TEJASVIN KOUR SACHDEV	SJASBIR SINGH	9419255071	1
540	AAQIB IRFAN	MOHD HANIEF	9797987486	1
541	ZAHIAD MANZOOR	MANZOOR AHMED	6005798335	1
542	ABDA KOSER	MOHD ABBAS	8492092379	1
543	TAIYAB NAZIR	NAZIR HUSSAIN	9596506216	1
544	NAZIA Kouser	MOHD AZEEM	9906437919	1
545	SONIA SAYEF	MOHD SAYEF	9622308969	1
546	SAYIKA KOSER	MOHD YOUSAF	9596489388	1
547	WAHIED AHMED	MOHD AKBAR	9055269130	1

548	HAMZA PAZEER	MOHD DILPAZEER	7051862381	1
549	WASID HUSSAIN SABRY	LAL HUSSAIN	8493886349	1
550	MOHD YASER	SHOKET HUSSAIN	9797399512	1
551	AHSAN YOUSIF	MOHD YOUSIF	8082874507	1
552	MEHNAZ BASHIR	MOHD BASHIR	9906289433	1
553	ALEKH SHARMA	ASHOK KUMAR	8082699125	1
554	NISHAD FATIMA	MOHD BASHIR	9797759106	1
555	FARMAN KHAN	MOHD SHARIEF	6006909783	1
556	SABHA BATOOL	KABIR HUSSAIN SHAH	6005389504	1
557	SERISH JABEEN	SHABIR AHMED	9596675755	1
558	SABHA KHANUM	MOHD SHARIEF	6006251085	1
559	FARMAN RAFIQ	MOHD RAFIQ	9541066257	1
560	ARIBA FATIMA	FAROOQ AHMED	8082897270	1
561	GURASHISH KOUR	MOHINDER SINGH	9622298650	1
562	SARFARAZ HUSSAIN SHAH	SAFDAR HUSSAIN SHAH	9149662773	1
563	RUKSANA TABASSUM	MOHD AZAM	6005531832	1
564	NUZHAT BANDAY	JAHANGIR AHMED BANDAY	9906322192	1
565	SHAHID NAZIR	NAZIR AHMED	9320648700	1
566	MEHARTARIQ	TARIQ AHMED	9622021784	1
567	KALSOOM FATIMA	MOHD SHABIR	9541238930	1
568	WAJAHIT HUSSAIN	MAQSOOD AHMED	6006332486	1
569	SAHIL MAQSOOD	MAQSOOD AHMED	8082343329	1
570	SANAM CHOUDHARY	MOHD AFTAB	6006802213	1
571	ISHTIAQ AHMED	MUSHTAQ HUSSAIN	9622923848	1
572	RIDHA FATIMA MIR	IMTIAZ AHMED MIR	8494070102	1

573	AFIFA ZULAFQAR	ZULAFQAR ALI	8492852978	1
574	TOYAB HUSSAIN	SHOKET HUSSAIN	9906025690	1
575	NAQIBA BANDAY	JHANGIR AHMED BANDAY	8492807275	1
576	MOHD WAHID	MOHD IKHLAQ	8492023358	1
577	SABAH REHMANI	TARIQ MEHMOOD	9906207192	1
578	MOHD KAMRAN	MOHD SHABIR	6005377529	1
579	AFTAB RAYAZ	RAYAZ AHMED	9103060744	1
580	SIDIRA MUSHTAQ	MUSHTAQ HUSSAIN	9103909972	1
581	SHERAZ AHMED	KHALIL AHMED	7006821265	1
584	NAVEER WASIM	WASIM RAJA	9797340147	1

9. Experiential Learning Programme

Department of Sericulture places a strong emphasis on Experiential Learning Programmes to bridge theoretical knowledge with practical application. Our pedagogy integrates mandatory field visits and study tours to premier research institutes (CSRTI Pampore, RSRS Jammu and Poonch Campus, University of Jammu) and functional silk farms.

- 1. Mandatory Field Visits & Study Tours:** Students undertake structured visits to operational sericulture units, government silk farms, and research institutes. These tours, such as those to the Central Sericulture Research and Training Institute (CSR&TI) Pampore, Regional Sericultural Research Station (RSRS) Jammu, and Poonch Campus, University of Jammu, provide direct exposure to advanced practices, germplasm conservation, and the sericulture value chain from mulberry cultivation to silk reeling.



9. Experiential Learning Programme

2. Industry Immersion & Internship Programmes: The department facilitates internships and immersion programmes with key industry stakeholders. Partners include the Sericulture Development Department Jammu & Kashmir, private silk reeling and weaving units, and entrepreneurship development agencies like the Jammu & Kashmir Entrepreneurship Development Institute (JKEDI). This provides students with on-the-job training and insights into commercial sericulture.

3. Hands-on Skill Workshops: The department regularly organizes workshops focusing on core technical skills. These intensive sessions provide practical training in silkworm disease diagnosis and management, mulberry garden maintenance, silk yarn quality testing, and basic techniques in silk weaving or product making.



10. Ability and Skill Enhancement Courses

The Department of Sericulture is committed to the holistic development of its students by supplementing the core curriculum with targeted skill enhancement courses. The Skill Enhancement Courses are being taught to the students of Semester I, II & III respectively to acquaint them with basic understanding of mulberry biology, soil condition, silkworm seed production, and silkworm rearing technology.

Courses are designed to introduce the students to the basic theoretical and technological aspects of silkworm rearing and other aspects essential for sericulture industry. The knowledge gained by the students could not only be useful for them as an extension specialist in sericulture but would also be helpful in case the students wish to do something for self-employment or for generating supplementary income for their families.

Semester	Course	Course No.	Course Title	Course Credits
I	Skill Enhancement Course (SEC)	USESET-104	Mulberry Production Technology	02
II	SEC	USESET-204	Silk Reeling Technology	02
III	SEC	USESET-305	Practices of Silkworm Rearing	02

11. Departmental Grievances Redressal

- **Structured Grievance Mechanism:** The department has a structured, multi-level grievance redressal system. Students and staff are encouraged to first approach their concerned faculty member or Class Coordinator. Unresolved issues can be escalated to the Departmental Grievance Committee, chaired by the Head of the Department, ensuring fair and prompt resolution within a defined timeframe.
- **Accessible & Transparent Process:** The department ensures an accessible and transparent grievance process. A dedicated email ID and suggestion box are maintained for the submission of grievances, which can be made anonymously or confidentially. The general principles of the redressal procedure and contact details of committee members are clearly displayed on the department notice board and website.
- **Focus on Academic & Administrative Concerns:** The redressal system is designed to address a wide range of academic and administrative grievances. This includes, but is not limited to, concerns related to evaluation, curriculum delivery, infrastructure facilities (like labs or mulberry garden access), interpersonal issues, and utilization of departmental resources, in alignment with broader college/university regulations.
- **Proactive and Preventive Approach:** The department adopts a proactive approach by conducting regular feedback sessions and meetings with student representatives (e.g., Class Monitors, Course Representatives). This helps in identifying and addressing potential issues early, fostering a positive and supportive academic environment, and minimizing formal grievances.
- **Liaison with Institutional Bodies:** For grievances that fall under the purview of broader institutional policy (such as scholarships, disciplinary matters, or major infrastructure), the Departmental Grievance Committee acts as a formal liaison. It facilitates the forwarding of cases to the appropriate college-level bodies, such as the Staff Secretary or the Principal's Office, and follows up on behalf of the complainant.

12. Research and Publication (Future Plans)

- **Establishment of modern rearing house.**
- **Expand Inter-Institutional Research:** To strengthen the quality of student research and dissertations, the department plans to leverage and expand its existing Memorandum of Understanding (MOU) with the Poonch Campus (University of Jammu).
- **Focus on Applied and Regional Research:** Future research initiatives will prioritize applied, field-based studies relevant to the Poonch region. This includes exploring sustainable silkworm rearing practices, mulberry cultivation suited to local agro-climatic conditions, and value-added silk product development to support the local sericulture industry.
- **Enhance Student Research Publication:** The department aims to increase the number of quality student research projects presented at conferences and published in peer-reviewed journals. This will be achieved by integrating rigorous research methodology into the curriculum and actively mentoring students through the publication process.
- **Develop Collaborative Projects with National Institutes:** Building on established networks, the department intends to formulate collaborative research proposals with premier national institutes like the Central Sericultural Research & Training Institute (CSRTI), Pampore. These projects will address contemporary challenges in sericulture and provide students with exposure to cutting-edge research.
- **Promote Interdisciplinary Research:** Future plans include initiating interdisciplinary research projects that connect sericulture with fields such as environmental science, textile technology, and rural economics. This approach aims to explore innovative applications of sericulture and its broader socio-economic impact.



THANK YOU