



**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. | Teaching Faculty (02) 1. Dr. Arti Sharma (Assistant Professor) 2. Dr. Aadil Hussain Mir (Lecturer) I. Patents: NIL II. Publications (National/International) of Dr. Arti Sharma (15) | |

| 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, Bombyx mori 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, Bombyx mori 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, Bombyx mori 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, Jasmeena 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 Afsheen, R. S. Bandral, Kamlesh Bali | 2022 | Transgenesis in Silkworm: An overview | International | International Journal of Entomology Research | 7(1): 73-80 | 2455-4758 |
| 08 | Arti Sharma, R. K. Gupta, Palvi Sharma, Durwa, 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 proteinx 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 RK 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., Chowdhary, S., Attri, K., Aggarwal, S., Bali, K. and Gupta, R. K. | 2023 | Response of Silkworm (<i>Bombyx mori</i> L.) Breeds to Temperature and Bombyx 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 foliar 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 Ishtiyag 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 Mahavidyala, 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 "Seribiotechnology, 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.



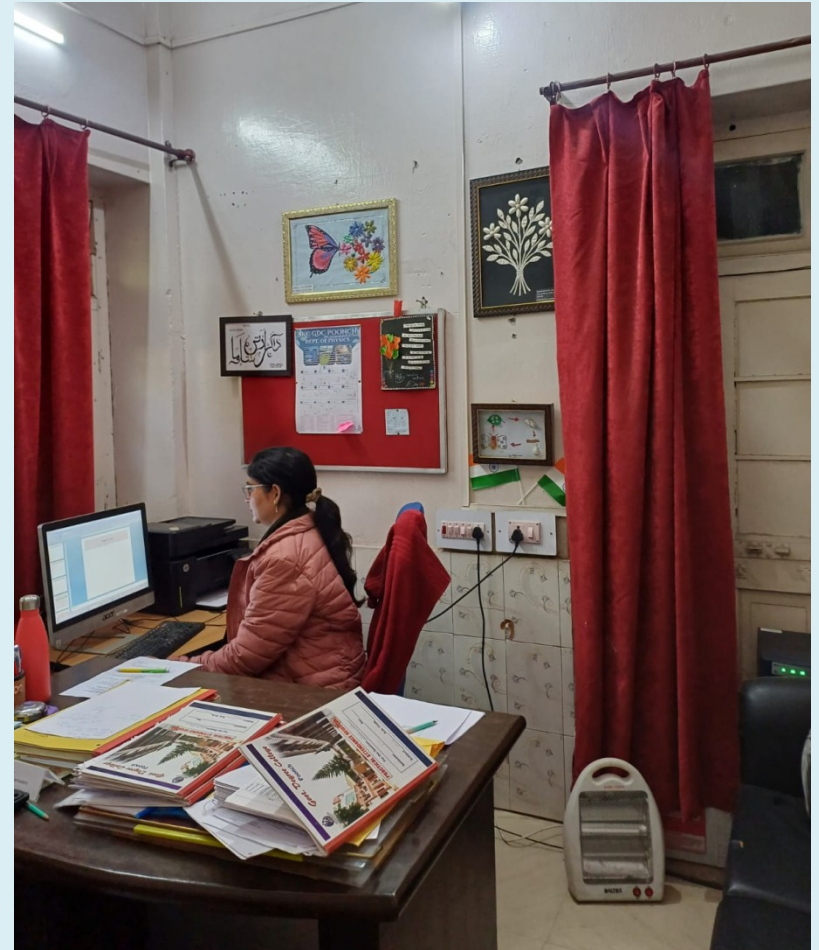
Implementation of Differentiated Instructional Support: To ensure inclusive academic progress, the department proactively conducted remedial classes for students identified as slow learners, providing them with additional support to grasp core concepts. Concurrently, specialized coding sessions were 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

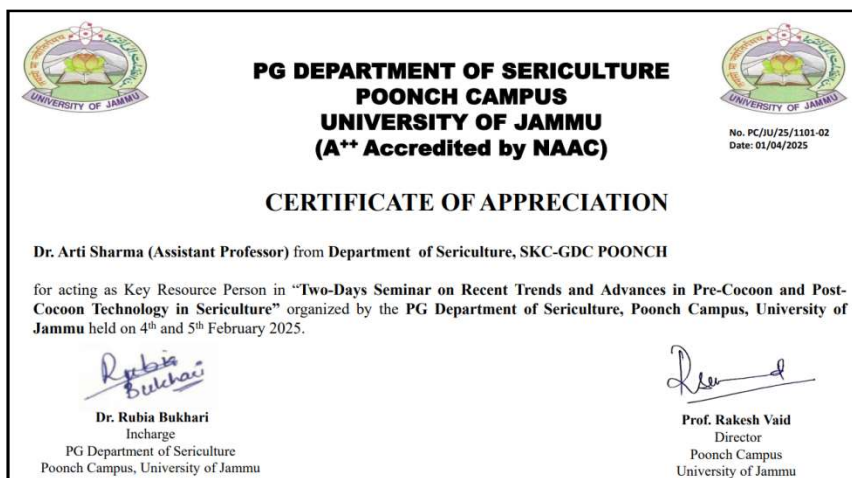
Name and Number of Major equipment's available for Students in Departmental Laboratory

| 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

UNIVERSITY OF JAMMU
(NAAC ACCREDITED 'A++' GRADE UNIVERSITY)
Baba Sahib Ambedkar Road, Jammu-180006 (J&K)

Academic Section
Email: academicsectionju1@gmail.com

No. F.Acd/II/25/913-722
Date: 24/4/2025

Subject: - Meeting of the Board of Studies in Sericulture
Sir/Madam,

As requested by the Convener, Board of Studies in Sericulture a meeting is scheduled to be held on **30.04.2025 at 11.00. am** in the Office Chambers of the Head Department of Zoology, University of Jammu.

Agenda for the meeting will be as under.

- To confirm the minutes of the meeting of the Board of Studies Sericulture which was held on 27.10.2023, already circulated.
- To formulate 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 National Education Policy (NEP-2020) from the Academic session 2025 onwards.
- To review the syllabi and courses of studies in the subject 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:-

| | |
|---------------------|------------------------------|
| Sericulture | |
| Semester-I | December 2025, 2026 and 2027 |
| Semester-II | May 2026, 2027 and 2028 |
| Semester-III | December 2026, 2027 and 2028 |
- To review the syllabi and courses of Studies in the Subject of Master Degree Programme in Sericulture of semester I to IV under the Choice Based Credit System for the Reappear Candidates for the Academic Session 2025-2026 onwards.
- To review the syllabi and courses of studies in the subject of Sericulture of Semester I to III for Four Year Under Graduate Programme (FYUGP) as per NEP-2020 for the Re-appear Candidates examinations to be held in the years as per the details given below:-

| | |
|----------------------------|------------------------------|
| Sericulture (FYUGP) | |
| Semester-I | December 2025, 2026 and 2027 |
| Semester-II | May 2026, 2027 and 2028 |
| Semester-III | December 2026, 2027 and 2028 |
- To indicate the Age of change in the syllabi and courses of Study mentioned in item no. 3 on each paper/course no.
- To prepare a panel of paper setters/examiners to be sent to the Controller of Examinations, University of Jammu, Jammu.
- Any other item/s with the permission of the chair.

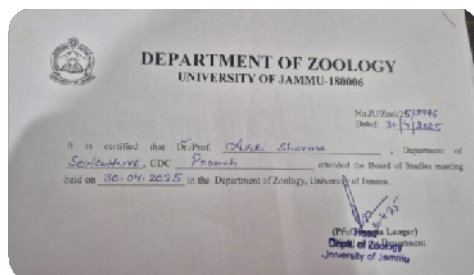
Thanking you,

Yours Sincerely

REGISTRAR
25/4/25 12:14/25

Copy to:-
1. Sr. P.A. to the Dean Academic Affairs.
2. Sr. P.A. to the Registrar, University of Jammu.
3. Principal/H.O.D., _____ with the request to spare the services of concerned Teacher to attend the meeting.

NOTE:- All the concerned HOD of different colleges are requested to provide Bank Account No /IFSC Code/MICR Code/PAN No. for receipt of payment (T.A/D.A) through NEFT/RTGS.



UNIVERSITY OF JAMMU
(NAAC ACCREDITED 'A++' GRADE UNIVERSITY)
Baba Sahib Ambedkar Road, Jammu-180006 (J&K)

Academic Section
Email: academicsectionju1@gmail.com

NOTIFICATION
(25/Sept./Adp./78)

It is hereby notified for the information of all concerned that the Vice-Chancellor, in anticipation of the approval of the Academic Council, is pleased to authorize the adoption of the revised Syllabi and Courses of Studies of the subject of Sericulture of Semester I, II and III for Four Year Under Graduate Programme (FYUGP) as per NEP-2020 (as given in the annexure) for the Regular Candidates for the examinations to be held in the years as per the details given below:-

| Subject | Semester | Existing Course Code | New Course Code | For the examinations to be held in the year | %age Change |
|--------------|--------------|----------------------|-----------------|---|-------------|
| Sericulture | Semester-I | UMISET-101 | UMISET-101 | Dec. 2026, 2027 and 2028 | 10% |
| | | UMISET-102 | UMISET-102 | Dec. 2026, 2027 and 2028 | 10% |
| | | UMISET-103 | UMISET-103 | Dec. 2026, 2027 and 2028 | 15% |
| | | UMISET-104 | UMISET-111 | Dec. 2026, 2027 and 2028 | 100% |
| Semester-II | Semester-II | UMISET-201 | UMISET-201 | May 2027, 2028 and 2029 | 10% |
| | | UMISET-202 | UMISET-202 | May 2027, 2028 and 2029 | 10% |
| | | UMISET-203 | UMISET-205 | May 2027, 2028 and 2029 | 10% |
| | | UMISET-204 | UMISET-211 | May 2027, 2028 and 2029 | 100% |
| Semester-III | Semester-III | UMISET-301 | UMISET-301 | Dec. 2027, 2028 and 2029 | 5% |
| | | UMISET-302 | UMISET-302 | Dec. 2027, 2028 and 2029 | 5% |
| | | UMISET-303 | UMISET-303 | Dec. 2027, 2028 and 2029 | 5% |
| | | UMISET-304 | UMISET-306 | Dec. 2027, 2028 and 2029 | 100% |
| | | UMISET-305 | UMISET-311 | Dec. 2027, 2028 and 2029 | 100% |

The Syllabi of the courses is also available on the University website: www.jammuniversity.ac.in

DEAN ACADEMIC AFFAIRS

No. F. Acd/II/25/9879-87
Dated: 25/9/25
Copy for information and necessary action to:
1. Dean, Faculty of Life-Science
2. Convener, Board of Studies in Sericulture
3. All members of the Board of Studies
4. Sr. P.A. to the Controller of Examinations
5. Director, CITES&M, University of Jammu for directing the concerned to upload the notification on University Website.
6. C.A. to the Controller of Examinations
7. Director, Computer Centre, University of Jammu.
8. Joint Registrar/Deputy Registrar/Asst. Registrar (Confidential/Exam UG/Exam, Non Prof.)

Joint Registrar (Academic)
19/9/25 10/9/25

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.

 Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu
University Examination Cell

Prof. M.S. Bhadwal
Controller of Examinations

No: AUJ/UEC/25-26/F-15/2866
Dt: 17/11/2025

Dr. Arti Sharma
Head, Department of Sericulture
SKC GDC Poonch
Pincode: 185101
Mob. No: 7889573448
Email Id: artiartusharma@gmail.com

Sir/Madam,

Thank you very much for your consent to be the **paper setter and evaluator** for Major-I & Major-II Courses in the subject of Sericulture. You are requested to prepare **two different sets of question papers each containing 10 questions of 6 marks, and 4 questions of 10 marks (Total 100 marks). Question papers on the top should carry the name of the student and Regd. No., for whom it is meant.**

The contents of the course for preparing the question paper is enclosed. Both the sets may please be sent within 7 days through e-mail coeskuastjammu@gmail.com.


Please avoid repetition of questions in Set-I and Set-II. You are requested to keep the assignment confidential. The format of Question Paper is attached for your Convenience.


Controller of Examinations

Enclosures:
• Syllabus of the concerned course
• Question Paper Format
• List of Students
• Remuneration Format



SKUAST Jammu
University Examination Cell
Chatha, Jammu, J & K 180 009 INDIA.
Mob: +919226376
E-mail: examcellcoeskuast@gmail.com

 **Dr. Rakesh Vaid**
Professor
Fulbright Fellow

Phs: +91-94191-06794 (mob)
E-mail: directorpoonch@jammuuniversity.ac.in
rakesh.vaid@fulbrightmail.org

Director Poonch Campus UNIVERSITY OF JAMMU Poonch-185101
& Professor, Department of Electronics, UNIVERSITY OF JAMMU

No. PC/JU/25/720
Date: 01/12/2025

Dr. Jasbir Singh
The Principal
SKC-GDC, Poonch

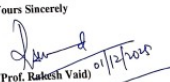
Subject: Request for sparing the services of Dr. Arti Sharma to act as external practical examiner at Poonch Campus

Dear Sir,


In reference to the subject cited above, may I request you to spare the services of **Dr. Arti Sharma**, Assistant Professor and Head, Department of Sericulture, SKC- GDC Poonch for the conduct of External Practical Examinations of M.Sc. Sericulture 1st Semester for course No. P2SEPC104, P2SEPC105 and P2SEPE112 scheduled to be held on December 8-9, 2025.

T.A/D.A of the above mentioned faculty shall be paid as per the rules of the University of Jammu.

Looking forward to your positive response.

Yours Sincerely

(Prof. Rakesh Vaid) 01/12/2025
Director Poonch Campus

Copy to:
1. Incharge, PG Department of Sericulture, Poonch Campus for information.
2. Guard File.

 PG DEPARTMENT OF SERICULTURE
POONCH CAMPUS
UNIVERSITY OF JAMMU-185101
(A++ Accredited by NAAC)

No. PC/JU/25/1145-1148
Date: 01/05/2025

To
The Principal
SKC Government Degree College
Poonch – 185101

Subject: Request for Deputation of Dr. Arti Sharma as External Examiner for M.Sc. Sericulture 4th Semester Examinations

Respected Sir,

As per the directions of the Esteemed Director, Poonch Campus, I am writing to kindly request the deputation of Dr. Arti Sharma, Assistant Professor, Department of Sericulture, SKC Government Degree College, Poonch, as the External Examiner for the M.Sc. Sericulture 4th Semester External Practicals and Job Skill Training Programme, scheduled to be held at the PG Department of Sericulture, Poonch Campus, University of Jammu.

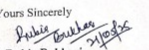
The schedule for the said examinations is as follows:

1. Lab Course-I (Course No. PSSEPC-407): 27-05-2025 (Tuesday) at 10:00 AM
2. Lab Course-II (Course No. PSSEPC-409): 28-05-2025 (Wednesday) at 10:00 AM
3. On Job Skill Training (Course No. PSSETC-403): 29-05-2025 (Thursday) at 10:00 AM

Dr. Arti Sharma has already kindly consented to act as the external examiner. Her presence will be greatly appreciated to ensure the smooth and fair conduct of the practical and skill training examinations.

I sincerely request your approval for her deputation on the above dates.

Thanking you.

Yours Sincerely

Dr. Rubia Bukhari
Incharge
PG Department of Sericulture
Poonch Campus, University of Jammu

Copy to:
1. Esteemed Director Poonch Campus for information please.
2. Dr. Arti Sharma, Assistant Professor, Department of Sericulture, SKC GDC Poonch, for kind information and necessary action.
3. Guard File.

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.



Amrit Kaal



कृति यशवन्ति
प्रस्थिति योजना
OF
CULTURE



SKC
संस्कृत विश्वविद्यालय
राजस्थान

SKC Govt. Degree College Poonch

Campus beautification/cleanliness and Plantation Drive

21st–25th Sept. 2025

- 11–01 PM, 21st Sept. 2025
Campus cleanliness drive
- 11–01 PM, 22nd Sept. 2025
Classrooms and corridors cleanliness
- 11–01 PM, 23rd Sept. 2025
Awareness rally, Waste segregation
Adopted Village
- 11–01 PM, 24th Sept. 2025
Plantation Drive in college Premises
- 11–01 PM, 25th Sept. 2025
Plantation and cleanliness drive at Joggars Park Poonch



SEWA PARV



Patron

The Sewa Parv aims to:

- Inspire citizens to contribute to the nation through service-oriented cultural 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 heritages, traditions, and contemporary achievements.



Patron

Dr. Jasbir Singh

Members



Dr. Indraj Ahmed



Dr. Zaffar Iqbal



Dr. Arti Sharma



Dr. Tabassia Amin



Convener

Prof. Mohd Faizal



Dr. Waseem Ul Haq

Serving Together, Building Viksit Bharat



SKK Govt. Degree College Poonch
(Awarded the status of Degree College)

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



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)

Biodiversity and Environment (Dr. C.P. Vidyarthi, Retired IIS, Sahaya Akademi Awarded & renowned ecologist)
Biodiversity of the Patalganga region in the Himalayas (Dr. Sarashad Hossain, Associate Professor Geography, GDM, Mewar)
Climate and Water crises (Dr. Pankaj Mehta, Assistant Professor at Central University of Jammu)
Atmosphere, Pollution, Implications for Health and Environment (Dr. Vikram Girdi, Virginia Tech Institute, USA)
Our Power, Our Planet: Focus on Renewable Energy (Dr. Chitra Sankar, Tiscocom PVT LTD, Australia)

Role of policies & legislation in environmental protection (Adv. Nadeem Qadri, renowned Environmental activist)
Forest & Environment (Dr. Nidheesh T.D., Tropical Forest Research Institute (TRRI), Imphal)
Butterflies and Insects (Dr. Taslima Sheikh, Butterfly lady of J&K)

The first law of ecology is that everything is related to everything else.
(Barry Commoner)

There is sufficiency in the world for man's need but not for man's greed.
(Mahatma Gandhi)

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

A healthy ecology is the basis for a healthy economy.
(Claudine Schneider)

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

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



Chief Patron
Ujjwal Pattnaik
Director, Institute of Higher Education, Govt. of Odisha



Patron
Pritam Kumar
IAS, Addl. Secy to Govt. of Haryana, Director, Higher Education, Govt. of Haryana



Co-Patron
Dr. Pankaj Mehta
Assistant Professor, Physics, Central University of Jammu



Prof. Dr. J. K. Chakrabarti
Professor, Physics, Principal, SKK Govt. Degree College, Poonch



General Secretary
Dr. Nidheesh T.D.
Assistant Professor, Tropical Forest Research Institute, Imphal



Co-convenor
Dr. Sarashad Hossain
Associate Professor, Geography, GDM, Mewar



Co-convenor
Dr. Aris
Associate Professor, Physics, Poonch University



Coordinator
Dr. Anshu
Associate Professor, Physics, Poonch University



Coordinator
Dr. Naveen
Associate Professor, Hindi, Poonch University



Technical Advisor
Dr. Anam
Assistant Professor, Hindi, Poonch University

Registration Link: <https://forms.gle/ND0L9G6RPH35>



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 | MOHDSHAHID | ABDUL GHANI | 8082487206 | 1 |
| 528 | SULTAN AHMED | MOHD AYOUB | 6006947806 | 1 |
| 529 | MOHDASHFAQ KHAN | MOHD FAROOQ KHAN | 6006801448 | 1 |
| 530 | SAIKA SHAKEEL | SHAKEEL AHMED | 6006778113 | 1 |
| 531 | ROMINA AKHTER | JAMEEL AHMED | 9541074506 | 1 |
| 532 | RADHIKA SHARMA | YUGAL 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 | S JASBIR SINGH | 9419255071 | 1 |
| 540 | AAQIB IRFAN | MOHD HANIEF | 9797987486 | 1 |
| 541 | ZAHIA MANZOOR | MANZOOR AHMED | 6005798335 | 1 |
| 542 | ABDA KOSSER | 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 SABIRY | 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 | MEHAR TARIQ | 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

