

CSB-CSR&TI, Pampore
LIST OF PUBLICATIONS (2026-27)

Books

1. Dr. N. Sakthivel, **Dr. Jitendra Singh**, Dr. Prashanth A. Sangannavar, Dr. Aftab A. Sabnam, and Dr. Amit Kumar 2026: "Climate-Resilient Sericulture in India: Challenges, Impacts and Adaptation Strategies" 1-389, ISBN: 978-81-9970-4-0-7.
2. आफ़ताब ए शबनम, शिवन भरद्वाज, जगदीश वर्मा, एस स्याम, गुलाब खान रोहेला, गुलज़ार अहमद खान, सतीश वाई, सरदार सिंह। उत्तर एवं उत्तर-पश्चिम भारत के लिए रेशम पालन प्रौद्योगिकी विवरणिका-2025, केन्द्रीय रेशम उत्पादन अनुसंधान एवं प्रशिक्षण संस्थान, केन्द्रीय रेशम बोर्ड, बस्त्र मंत्रालय, भारत सरकार, आई एस बी एन संख्या : 978-81-978345-4-7
3. Jasmeena Qadir, **Rajesh Kumar**, Biriana Kasuhiki, V Ravinder Naik, 2026. "**Sericulture for Rural Development and Livelihood Security**". Vital Biotech Publication, Kota, Rajasthan India. **ISBN: 978-93-48793-25-6. Pp.1-120.**

BOOK CHAPTER

1. Illahi, I., Bhardwaj, S., Jarpla, M., Showkat, S. and Sakthivel, N. (2026). Advanced sericulture Genomics, Genetics, and Transcriptomics for climate change resilience and mitigation. CLIMATE-RESILIENT SERICULTURE IN INDIA: CHALLENGES, IMPACTS AND ADAPTATION STRATEGIES. CSB-CSR&TI, Pampore, J&K.
2. N. Sakthivel, **Jitendra Singh**, Amit Kumar and Aftab A. Sabnam 2026: IMPACT OF CLIMATE CHANGE ON MULBERRY SERICULTURE AND ITS ADAPTATION STRATEGIES, "Climate-Resilient Sericulture in India: Challenges, Impacts and Adaptation Strategies" ISBN: 978-81-9970-4-0-7, pp 1-23.
3. Plabani Roy Shivam Bhardwaj, Sanghmitra Aditya, Ram Lakhan Ram, **Jitendra Singh** and S Gandhi Doss 2026: CLIMATE CHANGE AND ADAPTATION FOR SUB-TROPICAL MULBERRY SERICULTURE, "Climate-Resilient Sericulture in India: Challenges, Impacts and Adaptation Strategies" ISBN: 978-81-9970-4-0-7, pp 58-70.
4. **Shivam Bhardwaj**, Plabani Roy, Zakiya Saif, Jagdish Verma, Pawan Saini, **Jitendra Singh** and N. Sakthivel 2026: CLIMATE CHANGE IMPACTS AND ADAPTIVE STRATEGIES IN TEMPERATE SERICULTURE, "Climate-Resilient Sericulture in India: Challenges, Impacts and Adaptation Strategies" ISBN: 978-81-9970-4-0-7, pp 87-98.
5. Ram Lakhan Ram, **Jitendra Singh** and Sakthivel N 2026: CLIMATE CHANGE AND SOIL HEALTH INDICATORS: TRENDS, RESPONSES, AND SOIL

- SUSTAINABILITY CHALLENGES, “Climate-Resilient Sericulture in India: Challenges, Impacts and Adaptation Strategies” ISBN: 978-81-9970-4-0-7, pp 99-116.
6. **Jitendra Singh**, H.S. Gadad and H. Yadav, I.G. Prabhu, N. B. Chowdary, Prashanth A. Sangannavar and N. Sakthivel 2026: IMPACT OF CLIMATE CHANGE ON TASAR CULTURE AND ADAPTATION STRATEGIES, “Climate-Resilient Sericulture in India: Challenges, Impacts and Adaptation Strategies” ISBN: 978-81-9970-4-0-7, pp 169-190.
 7. H. S. Gadad, **Jitendra Singh**, Ampy Bhagat, Muzir Baig, I. G. Prabhu and Vishal Mittal 2026: CLIMATE CHANGE AND EMERGING PEST DYNAMICS IN TASAR SERICULTURE, “Climate-Resilient Sericulture in India: Challenges, Impacts and Adaptation Strategies” ISBN: 978-81-9970-4-0-7, pp 203-221.
 8. **Jitendra Singh**, Chandrashekharaiyah M, Hasnsab Nadaf, Samshad Alam, and N. Sakthivel 2026: AGROCLIMATIC ZONE WISE SELECTION OF PRUNING AND BRUSHING SCHEDULE IN TASAR CULTURE: AN EFFECTIVE TECHNOLOGY UNDER THE CHANGING CLIMATE, “Climate-Resilient Sericulture in India: Challenges, Impacts and Adaptation Strategies” ISBN: 978-81-9970-4-0-7, pp 239-248.
 9. Pawan Saini, Vipin Kumar, Ananya Gairola, **Jagdish Verma**, Danishta Aziz, Jyotirmay Roy and Shivam Bhardwaj. CLIMATE-RESILIENT SOIL MANAGEMENT FOR SUSTAINABLE SERICULTURE, CLIMATE-RESILIENT AERICULTURE IN INDIA: CHALLENGES, IMPACTS AND ADAPTATION STRATEGIES (Editors N. Sakthivel, J. Singh, P.A. Sangannavar, A.A. Shabnum, Amit Kumar), Published by Director, CSB-CSRTI, Pampore Pp. 349-367 (ISBN: 978-81-997904-0-7)
 10. Shivam Bharadwaj, Plabani Roy, Zakiya Saif, **Jagdish Verma**, Pawan Saini, Jitendra Singh and N. Sakthivel. CLIMATE CHANGE IMPACT AND ADAPTIVE ATRATEGIES IN TEMPERATE SERICULTURE, CLIMATE-RESILIENT AERICULTURE IN INDIA: CHALLENGES, IMPACTS AND ADAPTATION STRATEGIES (Editors N. Sakthivel, J. Singh, P.A. Sangannavar, A.A. Shabnum, Amit Kumar), Published by Director, CSB-CSRTI, Pampore Pp. 349-367 (ISBN: 978-81-997904-0-7)
 11. Bukhari, R., A. Gull, G. K. Rohela, A. Kumar, and A. A. Shabnam. 2026. “Climate-Resilient Sericulture: Challenges, Prospects, and Opportunities in Temperate Mulberry Silk Production.” In *Sustainable Sericulture in India: Climate Change Impacts and Mitigation Strategies*, edited by Soumen Saha and Raju Mondal, 51–77. Singapore: Springer. https://doi.org/10.1007/978-3-031-13890-3_3.
 12. Gull, A., R. Bukhari, D. Singh, M. Bhavani, and A. Kumar. 2026. “Perspective of Technological Advancements Through Augmentation of AI, IoT and Machine Learning in Sericulture.” In *Sustainable Sericulture in India: Climate Change Impacts and Mitigation Strategies*, edited by Soumen Saha and Raju Mondal. Singapore: Springer.

13. Subramanian, P., Kasiviswanathan, S. C. B., Kumar, A., Pandian, K., Dhanuskodi, K and **Azad Gull**, 2025. Water footprint assessment and its importance in the ecosystem. In Water Footprints: Achieving Sustainable Development Goals. (pp. 201-209). Elsevier. DOI: <https://doi.org/10.1016/B978-0-443-30054-7.00002-1>
14. **Rajesh Kumar**, 2026. Sericulture as a tool for Rural Development and Employment Generation. In: “**Sericulture for Rural Development and Livelihood Security**”. Vital Biotech Publication, Kota, Rajasthan India. **ISBN: 978-93-48793-25-6. p. 13-22**
15. **Rajesh Kumar**, 2026. Vulnerability of Indian's Wild silk moths to climate change: Biodiversity, Ecology and Conservation Challenges. In: Climate Resilient Sericulture in India: Challenges, Impacts and adaptation strategies (Editors N. Sakthivel, J. Singh, P.A. Sangannavar, A.A. Shabnum, Amit Kumar), Published by Director, CSB-CSRTI, Pampore Pp. 349-367 (**ISBN: 978-81-997904-0-7**)

Chief Editors

1. Ram, R.L. (Chief Editor) Current Research in Soil Fertility (Vol.-XII), Paperback ISBN: 978-93-6135-393-2; <https://www.akinik.com/products/3015/current-research-in-soil-fertility-volume--12>, Publisher and Seller: AkiNik Publications. Year of publication: 2025.
2. Ram, R.L. (Chief Editor) Current Research in Soil Fertility (Vol.-XIII), Paperback ISBN: 978-93-7150-328-0; Ebook ISBN: 978-93-7150-100-2 <https://www.akinik.com/products/3385/current-research-in-soil-fertility-volume-13>, Publisher and Seller: AkiNik Publications. Year of publication: 2025.

Invited Guest Lectures

1. Delivered a lecture on “Balanced Use of Fertilizers for Sustainable Agriculture on World Technology Day organized by Deen Dayal Research Institute, Lal Bahadur Shastri Krishi Vigyan Kendra, Gopalgram, Gonda on 11.05.2026.
2. Delivered the lectures on various topics of mulberry sericulture in the Induction Training Programme for newly recruited scientists held at RSRS, Sahaspur w.e.f. 19.11.2025 to 22.11.2025.
3. Delivered the lectures in Mera Resham Mera Abhiyan (MRMA) programme organized by DoS, Lucknow on 22 August, 2025 at Lucknow.
4. Delivered the lectures in Mera Resham Mera Abhiyan (MRMA) programme organized by CTR&TI, Ranchi on 01 September, 2025 at Deoghat, Deoria, U.P.

5. Delivered the lectures in Mera Resham Mera Abhiyan (MRMA) programme organized by CTR&TI, Ranchi on 02 September, 2025 at Sarura, Deoria, U.P.
6. Delivered the lectures in FST organized by DoS, Lucknow on 13.10.2025 at Lauh Purush Sardar Ballabh Bhai Patel, Govt. Sericulture Institute, Barkachha, Mirzapur, U.P.
7. Delivered the lectures in FST organized by DoS, Lucknow on 27.10.2025 at Lauh Purush Sardar Ballabh Bhai Patel, Govt. Sericulture Institute, Barkachha, Mirzapur, U.P.
8. Delivered the lectures in FST organized by DoS, Lucknow on 10.11.2025 at Lauh Purush Sardar Ballabh Bhai Patel, Govt. Sericulture Institute, Barkachha, Mirzapur, U.P.
9. Delivered the lectures in FST organized by DoS, Lucknow on 17.11.2025 at Lauh Purush Sardar Ballabh Bhai Patel, Govt. Sericulture Institute, Barkachha, Mirzapur, U.P.
10. Delivered the lectures in FST organized by DoS, Lucknow on 01.12.2025 at Lauh Purush Sardar Ballabh Bhai Patel, Govt. Sericulture Institute, Barkachha, Mirzapur, U.P.
11. Delivered the lectures in FST organized by DoS, Lucknow on 15.12.2025 at Lauh Purush Sardar Ballabh Bhai Patel, Govt. Sericulture Institute, Barkachha, Mirzapur, U.P.