

Scientists Profile

Name	Dr. Shreenath Y S
Designation	Scientist-B
Section/Division	Silkworm pathology
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Email ID	shree.csb@nic.in
Highest Qualification	PhD in Plant Pathology, ICAR-Indian Agricultural Research Institute (IARI) MSc Agriculture (Plant Pathology), ICAR-IARI
Area of Research Work	On-Going Projects: - PRP04032SIC: Identification of pathogens associated with Tasar host plant diseases and their integrated management (April 2025 to March, 2028). SRP04030SIC: Evaluation of the efficacy of identified formulations for the management of Cytoplasmic Polyhedrosis Virus in <i>Antheraea mylitta</i> As Co- investigator: 01 PPA04031SIC: High-density plantation for strengthening the quality leaf availability to explore indoor rearing in the Tasar silkworm. Completed Projects/ Pilot Study As Principal investigator: 02 CTRTI/FMA/PS/36: Characterization and evaluation of propagation traits, floral biology, morphological, biochemical and reproductive parameters in the identified improved accessions of <i>Terminalia arjuna</i> CTRTI/2025-26/PS/HP/05: Feasibility of floriculture-based Integrated Farming System in tasar sericulture

Recent Publications	1. Shreenath Y S, Rajawat D*, Yadav H, H.S Gadad, Madhu G.S., Sharma K., Jaya Minz (2026). Health challenges in silkworm host plants: current knowledge and sustainable management approaches. 2. Divya Rajawat*, Jay Prakash Pandey, Karmabeer Jena, Nidhi Sukhija, Shreenath Y S, Khanak Sharma, N.B. Chowdary. Performance Assessment of Tasar Silkworm DFLs from Erratically Emerged Moths under Summer Rearing Conditions (2026). 3. Sustainable utilization of sericulture by- products in Agriculture, Livestock and allied sector: A comprehensive Review. Tapendra Saini*, Divya Rajawat*, Jay Prakash Pandey, Nidhi Sukhija, Shreenath Y S, Pratheesh Kumar (Under Review in the journal Environmental Sustainability)
Links: Google Scholar (Mandatory) / ORCID / Research Gate	Google scholar: https://scholar.google.com/citations?view_op=list_works&hl=en&user=wRSczHAAAAAJ
Professional Achievements (Awards/Patents/Varieties & Breeds developed etc.)	➤ Received the Best District Award for outstanding contribution as a Scientist in implementing the Mera Resham Mera Abhiman (MRMA) programme in Raigarh, Chhattisgarh. ➤ ICAR-JRF, 2016-17: Rank-12 in Plant Sciences ➤ ICAR-IARI 2018-19: Rank-03 in Plant Pathology ➤ ICAR-SRF 2022-23: Rank-17 in Plant Pathology ➤ ASRB-NET in Plant Pathology qualified (2018, 2023) ➤ Best Poster Presentation (2017) at Indian Virological Society International Conference, Mangalore ➤ Best Poster Presentation (2022) at Indian Phytopathological Society National Conference, New Delhi