

BIODATA

1. **Name Full (in Block letters)** : DR. RITWIK SUR CHAUDHURI
2. **Designation** : SCIENTIST-C
3. **Department/Institute/ University** : Silkworm Division, CSGRC, Hosur
4. **Address For Communication** : Central Sericultural Germplasm Resources Centre. P.B.44, Thally Road, Hosur, Krishnagiri District, Tamil Nadu- 635 109
5. **Date of birth** : 21-03-1987
6. **Sex** : FEMALE
7. **EDUCATION (Post Graduation onwards & Professional Career) :**



Name of the University	Degree Passed	Year of Passing	Subjects taken with Specialization	Class / Dvn.
University of Mysore	M.Sc	2010	Sericulture & Seribiotechnology Silkworm Breeding and Genetics	1st
University of Mysore	PhD	2017	Genetic and molecular approaches to understand growth and aging in the silkworm, <i>Bombyx mori</i> L.	Declared

12. Publications (numbers only):

Book chapter: 1

Research Papers, Reports: 11

General articles: 2

Professional Training

Trainings	Duration	Institution	Year
On-Job Training in Mulberry Sericulture	15 days	CSR&TI, Behrampore, CSB	2008
Foundation Training Programme	15 days	CSB, Bangalore, CSR&TI, Mysore, CMER&TI, Lahdoigarh	2016
Quarantine Procedures	3 days	SSPC, Bangalore	2017
Wet Lab Training on Advances in Molecular Biology and Plant Biotechnology	14 days	ICAR-NEH, Imphal	2019

Selected peer-reviewed publications (Five best publications in chronological order):

- 1) **Ritwika Sur Chaudhuri** & Subramanya,G. (2018) Prospects of molecular genetics in silkworm breeding: An Overview, *Indian Journal of Entomology* Vol 80(4), 2018.
- 2) **Ritwika Sur Chaudhuri**, Y. Debaraj and N. Ibotombi Singh (2018) Impact assessment of front line demonstration of technologies on oak tasar cocoon yield and economics, *Sericologia*,58(3&4),182-188.

- 3) **Chaudhuri, R.S.,** & Subramanya, G. (2014). QTL and their utilization in silkworm breeding programmes. *Sericologia*, 54(3), 171-180.
- 4) **Chaudhuri, R.S.,** & Subramanya, G.(2015). Genetic approach for the estimation of heterosis and recombination loss in the multivoltine and bivoltine hybrids of silkworm, *Bombyx mori*.
- 5) **Chaudhuri, R. S.,** & Subramanya, G. (2013). Electrophoretic protein pattern in the adult stages of two multivoltine races of the silkworm, *Bombyx mori* and its relevance to aging. *Indian Journal of Sericulture*, 52(2), 108-115.

Positions held/Research Experience in various Institutions:

Organisation/ Institute	Capacity	Year	Subject/Area
RSRS, Imphal	Sci-B	November, 2015- June, 2019	Silkworm Breeding & Genetics; Silkworm crop Improvement
CSGRC, Hosur	Sci-C	July, 2019- present	Silkworm Breeding & Genetics, Silkworm Biotechnology