

BIODATA

1. Name and Designation : Dr. S. Ranjith kumar, Ph.D (Sericulture),
Scientist – B, RSRS, Koraput, Odisha. 764 020.
2. Institution : Central Sericultural Research and Training Institute,
Central Silk Board,
Berhampore, Murshidabad, West Bengal – 742 101
3. Date of Birth : 01.12.1994
4. Gender : Male
5. E-mail and Contact number : ranjithsiva1294@gmail.com & 9751711144
6. Category : OBC
7. Whether differently able : No

8. Academic Qualifications:

No.	Degree	Year	Subject	University	OGPA
1.	Ph.D	2018 - 2022	Sericulture	Tamil Nadu Agricultural University, Coimbatore. Tamil Nadu	9.03
2.	M.Sc	2016 - 2018	Sericulture	Tamil Nadu Agricultural University, Coimbatore. Tamil Nadu	9.02
3.	B.Sc	2012 - 2016	Sericulture	Tamil Nadu Agricultural University, Coimbatore. Tamil Nadu	8.43

9. Ph.D Research Details:

Title: Bio-Prospecting of Botanicals against Grasserie disease of Mulberry Silkworm
Bombyx mori L.

Guide: Dr. K. Chozhan, Professor (Agrl. Entomology),
Tamil Nadu Agricultural University.

Year of Award: 2022

10. Work experience:

#	Position Held	Name of the Institute	From	To	Pay Scale
1.	Scientist – B, RSRS, Koraput - Odisha	CSR&TI - Berhampore	November 2023	Till date	56,100

11. Awards:

- i) Best presentation award - National conference on Challenges and Innovative approaches in agriculture and allied sciences research. held at Sona College of Arts and Science (SCAS), Salem. 636 005, Tamil Nadu. 26-27 July, 2019.

12. Publications:

No.	Author(s)	Title	Journal	Volume	Page	Year
1.	V. Vasanth, R. Ramamoorthy, E. Arasakumar, S. Ranjith kumar , Nilav Ranjan Bora, Gajjala Nithish, R. Nandha kumar and R. Moulidharshan	Evaluation of <i>Spirulina</i> mediated TiO ₂ NPs on silkworm economic traits	<i>International Journal of Biology Sciences</i>	5(2)	34-46	2023
2.	V. Vasanth, E. Arasakumar, S. Ranjith kumar , Nilav Ranjan Bora, Gajjala Nithish, R. Nandha kumar and R. Moulidharshan	Effect of Castor and Cassava foliage on growth and Cocoon Characters of Eri Silkworm (<i>Samia cynthia ricini</i>)	<i>International Journal of Chemical studies</i>	11(6)	23-26	2023
3.	V. Vasanth, K. Senguttuvan, K. A. Muruges, G. Swathiga, E. Arasakumar, S. Ranjith kumar , S. Navaneetha Krishnan, S. J. Manoj Prabhakar and Gajjala Nithish	Phytochemical analysis of green synthesized <i>S. platensis</i> mediated TiO ₂ NPs through Fourier transform infrared spectroscopy (FT-IR)	<i>International Journal of Statistics and Applied Mathematics</i>	8(6)	642-647	2023
4.	V. Vasanth, E. Arasakumar, S. Ranjith kumar , Gajjala Nithish, R. Nandha kumar, R. Moulidharshan, Nilav Ranjan Bora and Diphankar Brahma	Semiochemicals and its importance in silkworm <i>Bombyx mori</i> L.	<i>International Journal of Multidisciplinary trends</i>	5(11)	15-25	2023
5.	V. Vasanth, K.A. Muruges, M. Tilak, R. Aruna, P. Mohanraj, S. Ranjith kumar and E. Arasakumar	Assessment of Gut Microflora in Silkworm Fed on Mulberry Leaf treated with <i>Spirulina</i> mediated TiO ₂ Nps.	<i>Journal of Survey in Fisheries Sciences</i>	10(3)	71-76	2023
6.	S. Ranjith Kumar , K. Chozhan, R. Ramamoorthy and G. Swathiga	Thin layer chromatography (TLC) analysis of <i>Psoralea corylifolia</i> leaf extract.	<i>International Journal of Farm Sciences</i>	12(4)	26-29	2022
7.	S. Ranjith Kumar , G. Swathiga, R. Ramamoorthy and D. Vijayalakshmi	Effects of High Temperature Stress on Physiological and Yield Parameters of Mulberry Varieties.	<i>Research Biotica</i>	4 (2)	58-61	2022

8.	S. Ranjith Kumar, G. Swathiga, R. Ramamoorthy and D. Vijayalakshmi	Impacts of High Temperature Stress on Enzyme Activities of Mulberry Varieties/ Genotypes.	<i>Chemical Science Review and Letters</i>	11 (44)	438-442	2022
9.	G. Swathiga, S. Manimegalai, C. N. Hari Prasath, E. Arasakumar, S. Ranjith Kumar.	Evaluation of castor genotype in terms of biochemical attributes and its influence on economic parameters of eco races of eri silkworm, <i>Philosamia ricini</i> (Donovan) in Tamil Nadu.	<i>Agriculture Mecanisation in Asia</i>	53(10)	10075-10091	2022
10.	S. Ranjith Kumar, K. Chozhan, R. Ramamoorthy and G. Swathiga	Assessment of botanicals extract on grasserie disease of mulberry silkworm, <i>Bombyx mori</i> L.	<i>The Pharma innovation</i>	11(11)	1145-1147	2022
11.	S. Ranjith kumar, K. Chozhan and K. A. Muruges	Determination of Bioactive compounds in the leaf extract of <i>Phyllanthus niruri</i> , <i>Emblica officinalis</i> and <i>Psoralea corylifolia</i> .	<i>Journal of Ayurvedic and Herbal Medicine</i>	8(1)	11-13	2022
12.	S. Ranjith kumar, K. Chozhan, K. A. Muruges, R. Rajeswari and K. Kumaran	Characterization of <i>Bombyx mori</i> Nuclear polyhedrosis virus (BmNPV) using microscopic techniques.	<i>Advances in Bioresearch.</i>	13 (1)	09-13	2022
13.	Ranjith Kumar, S., Chozhan, K., Muruges, K. A., Rajeswari, R., and Kumaran, K.	Gas chromatography-Mass spectrometry analysis of bioactive compounds in chloroform extract of <i>Psoralea corylifolia</i> L.	<i>Journal of Applied and Natural Sciences</i>	13(4)	1225-1230	2021
14.	Arasakumar E, K.ThangaRoja, S. Ranjith Kumar, M.Mithilasri.	A Review on Major Diseases In Mulberry And Silkworm – Their Management Practices.	<i>International journal for science and advance research in technology.</i>	5(5)	503-511	2019
15.	S. Ranjith Kumar, M. Arumuga Perumal and D. Vijayalakshmi	Variation in photosynthetic pigment composition to assess the tolerance/susceptibility in mulberry varieties exposed to high temperature stress.	<i>Trends in Biosciences</i>	11(21)	3013-3017	2018

13. Popular Articles:

S. No	Authors	Title	Name of the journal	Volume and Issue	Page No.	Year
1.	S. Ranjith kumar and G. Swathiga	Grasserie Disease of Mulberry Silkworm <i>Bombyx Mori</i> and its Management	<i>Agrobios Newsletter</i>	Vol -21 and Issue - 4	63-65	2022
2.	S. Ranjith kumar	Foliar spray of micronutrients to mulberry	<i>Times of Agriculture</i>	July Issue	70-71	2022
3.	S. Ranjith kumar and G. Swathiga	Ericulture	<i>Times of Agriculture</i>	August Issue	90-91	2022
4.	S. Ranjith kumar and G. Swathiga	Dyes from Nature	<i>Agriculture and Food : E-Newsletter</i>	Vol. 4 and Issue -9	192-194	2022
5.	G. Gokulapriya and S. Ranjith kumar	Abundance of Predatory Population in Brinjal Cropping System	<i>Agriculture and Food : E-Newsletter</i>	Vol. 4 and Issue -9	98-99	2022
6.	G. Swathiga, S. Manimegalai, C.N. Hariprasath and S. Ranjith kumar	Vanya silk: A non-mulberry silk	<i>Van Sangyan</i>	Vol -9 and Issue -9	22-26	2022
7.	G. Swathiga and S. Ranjith kumar	Utilization of Sericulture waste for vermicompost preparation	<i>Agrigate magazine</i>	August Issue - 6	18-25	2022

14. Trainings attended:

- i) Training on "Sericulture Technology", held at Central Sericultural Research and Training Institute, CSB, Mysuru from 03-07, October, 2017.
- ii) IDP – Entrepreneurship Training on "Cocoon craft production" during 15-19 Feb, 2021, held at EDII – Mettupalayam Agroforestry Business Incubation Forum, Forest College and Research Institute, TNAU, Mettupalayam.
- iii) Training on "Technology orientation programme", Eri Silkworm Seed Production Centre, MESSO, CSB, Hosur, Tamil Nadu, held 21-25, February, 2022.

15. Membership in Scientific Society:

- i) Society for Agriculture and Arid Ecology Research – Life member
- ii) Scholars Academic and Scientific Society - Life member
- iii) Society for Advancement of Human and Nature - Life member

16. National Eligibility Test: Qualified - [ASRB/ICAR- NET- 2021] – Agricultural Entomology

S. Ranjith kumar
Signature
[S. RANJITH KUMAR]