

## Bio-Data

### **SHILPA SAIKIA**

**Scientist-B**

**Sericulture**

**Central Silk Board-Research Extension Centre, Sille, 791102**

Village : Dholi Baliyan Gaon

P.O : Jalukonibari

District : Jorhat (Assam)

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### OBJECTIVE

- To prove excellence and give the best in professional career.
- To inculcate the value of self-respect of labor and climb up the ladders to success through hard work and perseverance.
- To utilize and improve upon my skills and abilities to serve through research and extension.

### QUALIFICATION PROFILE:

#### Academic qualification:

Examination Passed	Year of Passing	% of marks with Division/ CGPA or Class	Board/ University	Subjects
H.S.L.C	2012	83.8%	Board of Secondary Education	Assamese, English, General Science, General Mathematics, Social Science, Adv. Maths
H.S. (Sc.)	2014	79.9%	Assam Higher Secondary Education Council	Assamese, English, Physics, Chemistry, Biology
B.Sc. (Seri.)	2018	8.79 CGPA	Assam Agricultural University, Jorhat	All the subjects that are offered by Indian Council of Agricultural Research, New Delhi
M.Sc. (Agri.)	2021	8.67 CGPA	Assam Agricultural University, Jorhat	All the subjects that are offered by Indian Council of Agricultural Research, New Delhi

## **PUBLICATIONS:**

### **Research Paper:**

1. Zero tillage with paddy straw mulching is a promising technique for enhancing the yield and quality of potatoes.
2. Cluster based interventions in Indian Sericulture: Advancing Bivoltine and Vanya Silk Sectors for sustainable growth.
3. Training need assessment of eri silkworm rearers in Golaghat district of Assam.
4. Impact of Methionine and Tryptophan supplementation on silk gland weight and tissue somatic index in Eri Silkworm (*Samia ricini* Donovan).
5. Correlation analysis of training need of silkworm rearers with socio-economic and psychological characters.
6. A comparative study of regional and seasonal variations of muga silk yarn characteristics.
7. Economic characters of muga silkworm cocoons influenced by regions and commercial seasons.
8. Regional variations on fibre characteristics of muga cocoon during commercial seasons.

### **Review Paper:**

1. Insect farming potential in India and hurdles associated.
2. Anthropogenic Pollution and its impact on silkworm health and silk production.
3. A review on recent trends and concept of silk beyond textile.
4. Smart Sericulture and IoT: A review.
5. Impact of bed disinfectants in mulberry silkworm rearing.
6. Physical and chemical properties of Indian silk fibres.

### **Popular Article:**

1. Transgenic silkworm: A way forward to modern sericulture.
2. Eri culture for the sustainable livelihood of tribal people of Assam.
3. Climate change and its impact on sericulture industry.
4. Recent advances and innovation in muga silk industry.
5. Physiological disorders in fruit crops.

### **Book chapter**

1. "Blending of Silk" in Research Trends in Home Science and Extension.

## **OTHER QUALIFICATION:**

Post graduate diploma in computer application (1 year).

## **ACHIEVEMENT:**

1. Awarded University Gold Medal for securing highest CGPA in B.Sc. (Seri.) programme.
2. Awarded best article award for article id 36727 entitled Transgenic silkworm: a way forward to modern sericulture.
3. Bayer's Fellowship for 2 years (2018-2020) during my Master's by Bayer's Crop Science.
4. Awarded Women Achiever award on 10<sup>th</sup> ICAHESA-2025 by AEEFWS Society & Vivekananda Global University, Jaipur

**TRAINING PROGRAM:**

1. Participated and successfully completed the training program on 'Climate Resilient Agriculture: Approaches and Practices' from November 15 to November 19, 2021 organized by Extension Education Institute (NE Region), Assam Agricultural University, Jorhat.
2. Participated in training program on 'Development of Entrepreneurial skills for Promotion of Sericulture Industry' from 27-30 September, 2021 organized by National Institute of Agricultural Extension Management (MANAGE).

**EXPERIENCE:**

Name of the post	Duration	Work Type
Sericulture Facilitator (NERTPS)	14 Months	Field Survey
Junior Administrative Assistant	2 years (20.06.2023 – 03.10.2025)	Administrative & Official

**PERSONAL PROFILE:**

Name : Shilpa Saikia  
 Date of Birth : 27.12.1996  
 Father's Name : Nibaran Saikia  
 Marital Status : Married  
 Sex : Female  
 Nationality : Indian

**Declaration**

I hereby declare that the given information given by me in this Bio-data is correct to the best of my knowledge and belief. In case of any false statement, I shall be liable to such action as the Authority may deem fit.

*Shilpa Saikia*  
(Shilpa Saikia)