



## RESUME

### Objective

I am person having sincerity and honesty in studies. I can study in any environment where it gives me opportunities to show my passion towards it.

**NAME: S. SWATHI**

**E-mail :**

**swathiselvasekaran1@gmail.co**

**m**

**Cell: 9524746540**

**Address for Correspondence:**

947, THIRUNAGAR,

A. KALAPPUR POST,

SINGAMPUNARI TALUK,

SIVAGANGAI DISTRICT.

PIN CODE: 630501.

TAMIL NADU,

INDIA.

DEGREE	YEAR	UNIVERSITY /SCHOOL NAME	MARKS	
Ph.D. (Agronomy)	Thesis Submitted (2020- 2024)	Annamalai University, Faculty of agriculture, Annamalai Nagar.	9.14/10	
M.Sc. (Agronomy)	2018-2020	Annamalai University, Faculty of agriculture, Annamalai Nagar.	8.34 / 10	

### Personal Data

**Date of Birth** : 05.06.1997.

**Sex** : Female

**Nationality** : Indian

**Marital Status** : Single

**Father's Name** : R.  
Selvasekaran

**Mother's Name** : S. Malathi

**Father's occupation**: Retired  
conductor.

**Languages Known** : *Tamil,*  
*English*

**Hobbies** : Listening  
songs

### Strengths

- Hard Work
- Project scheduling
- Strategic planning
- Decision making
- Leadership
- Practical approach

B.Sc. (Agriculture)	2014-2018	Annamalai University, Faculty of agriculture, Annamalai Nagar.	8.47 /10	
HSC	2012-2014	Adharsh Vidhyalaya Higher Secondary School. Anthiur, Erode	89.91%	
SSLC	2010-2012	Government Girls Highs School, A. Kalappur, Sivaganga.	90.8%	

### Thesis / dissertations:

- **Productivity enhancement of direct seeded rice (DSR) through weed management practices (2020)-M.Sc**
- **Studies on yield maximization and carbon sequestration potential of different rice-based cropping systems through integrated nutrient management approaches (2024)-Ph.D**

### Publications Papers and Book chapter

- Swathi, S., C. Ravikumar, M. Thirupathi and P. Senthilvalavan. 2024. Yield assessment of rice-black gram, rice-maize and rice-groundnut sequential cropping system influenced by rice establishment methods and nutrient management practices in the dry tract of the Southern zone of Tamil Nadu, India. **Journal of**

**Applied and Natural Science. 16(1). (Scopus-Impact Factor– 0.47 & NAAS Rating – 4.28). Accepted-March issue.**

- **S. Swathi**, C. Ravikumar, M. Thiruppathi and P. Senthilvalavan. 2024. An appraisal of organic and inorganic carbon contents in post-harvest soils of rice based sequential cropping systems influenced by rice cultivation methods and nutrient management practices. **Indian Journal of Applied and pure biology. 39(1): 569-579. (WOS Impact Factor– 0.23 & NAAS Rating – 5.5)**
- **S. Swathi**, C. Ravikumar, M. Thiruppathi and P. Senthilvalavan. 2024. Effect of establishment methods and INM practices on growth and yield of rice (*Oryza sativa L.*). **Ecology, environment and conservation. WOS Impact factor: 0.40 & NAAS rating- 5.41- July (02) issue.**
- **S. Swathi**, S. Babu, S. Karthikeyan and K. Dhanasekaran. 2023. Effect of new generation herbicides on mixed weed flora and yield of direct seeded rice (*Oryza sativa L.*). **Journal of Rice Research. 15(1): 22-33.**
- **S. Swathi**, C. Ravikumar, M. Thiruppathi and P. Senthilvalavan. 2022. Study on Assessment of Carbon Accumulation Capacity (CAC) of certain cropping system by quantifying postharvest soil organic carbon status” –**International Journal of Botany Studies. 7(1): 372-375.**
- **S. Swathi**, C. Ravikumar, M. Thiruppathi and P. Senthilvalavan. 2022. Consequences of Nano fertilizers usage in Agriculture-A little Review. *Research on Agricultural Science and Technology.* 5-10.
- Sundharan M, A Kamaraj, **S Swathi**. 2022. Effect of botanical seed pelleting on okra CV Aruna. **International Journal of Botany Studies. 7(3): 179-181.**

- Sundharan M., A. Kamaraj, **S. Swathi**. 2022. Effect of seed pelleting using leaf extract on bhendi CV arka Anamika. **International Journal of Botany Studies**. 7(2): 182-184.
- S. Babu, S. Karthikeyan, **S. Swathi**, and K. Dhanasekaran. 2020. Effect of weed management on nutrient uptake, yield and economics of direct seeded rice. **Infokara Research-An UGC-CARE Approval Group 2 Journal**. 9(9):
- S. Babu, S. Karthikeyan, **S. Swathi**, and K. Dhanasekaran. 2020. Yield and economics of direct seeded rice as influenced by different weed management practices. **Infokara Research-An UGC-CARE Approval Group 2 Journal**. 9(9):

#### **Popular article**

- **S. Swathi**, T. Srinithan and J. Johny subakar ivin. 2023. Analyzing the value addition of corn silk as an employment generation initiative. **Kerala karshakan**. 11(01): 27-31.

#### **Book chapters**

- Book Name: **S. Swathi** and T. Sivalingam. “Compendium of Agriculture and Allied Sciences” Volume-I; Chapter name: Advances in Irrigation Techniques. **ISBN: 978-93-91342-72-2, Pg.No: 189-221.**
- Book Name: **S. Swathi**, C. Ravikumar, P. Senthilvalavan, T. Sivalingam and K. Mohanraj. “Agrisakthi Conference Book, Chapter name: AI in Agriculture. **ISBN:979-8-88896-814-8.**
- Book Name: “Current research in Soil Science”. C. Ravikumar, **S. Swathi**, P. Senthilvalavan. Volume-13; Chapter name: “Consequences of fertilization through integrated nutrient management practices on baby corn production performance in north cauvery deltaic zone: A little Review”. 33-49.

### **Specialization :**

- Weed management
- Nutrient management

### **Seminars /Conferences:**

- Workshop on **Abiotic Stress Tolerance in Crop Plants**, Oct-2018
- National Seminar on **Extension Strategies and Technologies for Sustainable Agricultural Development**, Nov-2018
- National Seminar on **Climate Resilient Technologies for Sustainable Agriculture**, Jan-2019
- National Seminar on **Climate Smart Agriculture for Sustaining Crop Productivity and Improving Livelihood Security**, Feb-2020
- International Conference on **Recent Trends in Agriculture towards Food Security and Rural Livelihood**, Jan-2020
- National Seminar on **Emerging Technologies and Enabling Tools in Diagnosis and Management of Plant Diseases**, Jan-2020
- Programme on **Mass Awareness Campaign on Organic Farming**, May, 2021
- Nation Youth Convention on **Food Security to Nutritional Security: Youth Perspective**, March, 2022.
- International Workshop on **“Climate change Adaptation and Mitigation-Integration, Linkage, Synergies and Trade-off in Indian Context”**, Feb, 2023

### **Webinar**

- National webinar on **Integrated water management: A Paradigm Shift for Higher Productivity in Agriculture**, July-2020
- National webinar on **Gender & Pandemic: Tackling the farm women issues for empowerment**, Oct-2020
- Webinar on **Metagenome Sequencing**, Mar-2021
- National webinar on **Digital Soil Science: Opportunities and challenges**, Apr-2021
- International webinar on **Genetic improvement of peppers for fruit pepper quality traits**, Aug-2020

- International webinar on **Nanotechnology in Agriculture and Biotechnology**, Oct-2020
- International webinar on **Climate Resilient Agriculture for Food and Health Security**, Apr-2021
- National webinar on **Certification Procedure for Organic Standards**, May, 2021
- National webinar on **Environmental Ethics & Ecological Restoration: Issues and Strategies**, June, 2021.
- International webinar on **Management of Coastal Ecosystem in Climate Change**, Sep-2021
- National conference on **Challenges and opportunities in agroforestry for sustaining the rural livelihood**, Oct, 2021
- International conference on **Redefining Sustainable Food Production in the Context of Climate Change**, Oct, 2021.
- International conference on **Efficient Potassium Utilization for Food & Nutritional Security**, Dec, 2021
- National workshop on **“Identifying, Writing and Publishing research articles in scopus, SCI, WoS Journals”**, Dec, 2023.

#### **Paper presented:**

- Presented paper on **“E-Marketing in Agriculture Sector”** in National seminar-**India’s Opportunities and Challenges of Creating Sustainable Agri Retail Supply Chain**, Feb-2023
- Presented paper on **“AI in Agriculture”** in International conference-**Vannum Mannum**, Jan, 2023
- Presented paper on **“Effect of weed management on weed dynamics and yield attributes in direct seeded rice”** in International conference on Global Challenges of Food and Agriculture: Future Trends (GCFA-2023), Mar, 2023.
- Presented paper on **“Soil Organic Carbon Accumulation in Organic Cropping Systems”** in International conference on Biodiversity, Climate Change and Sustainable Agriculture towards Food Security (ICBCSAFS, 2023), Mar, 2023.

#### **Awards:**

- **Best oral presentation award:** International conference on global challenges of food and agriculture: Future Trends (GCFA-2023). Thanthai Rover Institute of Agriculture and Rural Development. Perambalur, Tamil Nadu, India.

### Co-curricular activities:

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- Have passed **JUNIOR GRADE** typewriting English in **Second Class**
- Have passed **SENIOR GRADE** typewriting English in **First Class**
- Have attended the RAWE programme
- Have visited Banks, NGO and Agro industries during **TIEUP** programme

### Computer skills:

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**Microsoft Office** : MS-Word, MS-Excel, MS-PowerPoint,

**Internet** : Can comfortably work with Internet Operations.

### Responsibilities and personnel achievements :

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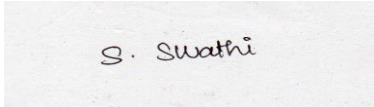
- Actively involved in agricultural field works.
- Actively involved in seminars.

### Declaration:

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*Hereby, I assure that the information furnished above is true.*

*Thank you,*



S. Swathi

**Yours Truly,**

**(S. SWATHI)**

