

CURRICULAM VITAE



1. Name of the applicant: **Dr. Swaha Shee Chanda**
2. Permanent Address: Quarter No D 2, CSIR-CIMAP Colony. Sector 7, Vikas Nagar, Lucknow-226022. UP
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4. Mobile Number: 8005488839
5. Email: swaha.shee@gmail.com
6. Date of birth: **02/01/1985**
7. Sex: Female
8. Category: **General**
9. Nationality : Indian
10. Religion: Hindu
11. Present Position: Assistant professor in Agronomy
12. Discipline: Agronomy
13. Educational Qualifications (Name of the examination, University/Board, Year of passing, Subjects, Division/Class obtained, Percentage aggregate/CGPA):

Exam/Degree/ Diploma*	Institute/Board/ University	Year	Subjects with major field	% Marks/ OCPA/OGPA/ Class/Division	Rank/Medal/ Award/ Distinction
Ph.D.	Visva-Bharati (V.B.)	2017 (Degree awarded)	Agronomy (Carbon Sequestration)	79.33 1 st class	Junior Research Fellowship from DST sponsored project, Govt of India
NET qualified	I.C.A.R	2009	Agronomy	-	-
Post Graduation (M.Sc. Ag)	Visva-Bharati (V.B.)	2008	Agronomy(Soil Fertility Management)	85.50 1 st class	Topper
Graduation (B.Sc.Ag)	Visva-Bharati (V.B.)	2006	Agriculture (All subjects under 4 yrs)	76.29 1 st class	
Other (Short course training)	ICAR-IISR (Lucknow)	2014	21 Days National Training on Sugarcane Management & Development	-	-

14. **Area of research interest:** Agronomy (Soil fertility management and conservation agriculture).

15. **Research Experience:**

- **Doctoral research work:** Completed field experiments of two years and thesis research work on the topic of “**Studies on carbon sequestration potential of sugarcane and rice**”

based cropping systems under different crop residue management for sustaining soil health and crop productivity”.

- Worked as a junior research fellow for one year (2014-2015) in a DST, Govt of India sponsored project on “**Carbon sequestration potential of sugarcane and rice based cropping system in sub tropical India for sustaining soil health and crop productivity**” at ICAR-IISR, Lucknow
- I have six months research experience during MSc thesis work entitled “**Rice stubble management in Wheat (*Triticum aestivum*) with reference to nitrogen application**” in area of soil fertility management.

16. Publications

Papers published:

- S K Shukla, **Swaha Shee**, S K Maity, S Solomon, S K Awasthi, Asha Gaur, A D Pathak, V P Jaiswal. Soil Carbon Sequestration and Crop Yields in Rice–Wheat and Sugarcane–Ratoon–Wheat Cropping Systems through Crop Residue Management and Inoculation of *Trichoderma viride* in Subtropical India. *Sugar Tech*, August 2017, Volume 19, Issue 4, pp 347–358
- S K Shukla, S Solomon, T K Srivastava, Asha Gaur, S K Awasthi, **Swaha Shee**, Sanjai Kumar and Kedari Singh (2014). Carbon sequestration vis-a-vis improved crop productivity through crop residue recycles in sugarcane and rice-wheat cropping systems. Presented in International conference IS 2014 on “Green Technologies for sustainable growth of Sugar and Integrated Industries in Developing countries” held during November 25-28, 2014 Nanning, China. P. 125-128. (**Full paper published in conference proceedings**).
- S K Shukla, **Swaha Shee**, S.K. Maity, S K Awasthi and Asha Gaur (2020). Growth, nutrient accumulation and crop yields as influenced by crop residues recycling and *Trichoderma* inoculation in Rice-Wheat and Sugarcane-Ratoon-Wheat cropping systems in subtropical India. *Indian Journal of Agronomy* 65(1-9).

Abstracts:

- S.K. Maity and **Swaha Shee** (2009). Enhanced potential yield of wheat with adoption of low-cost rice stubble management practices. Abstract presented in 4th World Congress on Conservation Agriculture, New Delhi, India.
- S. K. Maity, S. Mandal, **Swaha Shee** (2010). Seed and oil productivity of rainfed summer sesame (*Sesamum indicum*) in relation to seed priming, mulching and foliar spray. Poster presented in “International Symposium on Current Status and Opportunities in Aromatic & Medicinal Plants”, CIMAP (CSIR), Lucknow.
- **Swaha.Shee**, Smita Gupta, Kavita Singh, Deepika Shukla, S. K. Awasthi S.K. Shukla (2013). Bio-intensive management for enhanced bio mass, Sugarcane productivity and sustaining

carbon-climate human balance in India. Proceedings of National Conference on “Women in sugarcane Agriculture and Industry” held on August 29-31, 2013 at IISR, Lucknow.

- S. K. Shukla, **Swaha Shee** and Asha Gaur (2013). Sustainable Livelihood Module through Bio-fertilizer for Cane Women. Presented in National Conference on “Women in sugarcane Agriculture and Industry” held on August 29-31, 2013 at IISR, Lucknow.
- **Swaha Shee**, S.K. Shukla, Asha Gaur, Ram Darash, ram Singh and Smita Jaiswal 2014. Sustaining soil health and improving crop productivity in rice-wheat and sugarcane based cropping system in sub-tropical India. Presented in “International Conclave on Sugar Crops & National Sugar Fest “held at IISR Lucknow 15-17 February 2014.
- S. K. Shukla, S. Solomon, T.K. Srivastava, Sanjai Kumar, S. K. Awasthi, Asha Gaur and **Swaha Shee** (2014). Crop Residue management and inoculation of *Trichoderma viride* in rice-wheat and sugarcane based systems for sustaining soil health and improving crop yields. Proceedings of International conclave on Sugar crops p. 114-115, held on February 15-17, 2014 at IISR, Lucknow.
- S.K. Shukla, **Swaha Shee**, S.K. Awasthi and Asha Gaur (2014). Jaggery and Khadsari: Constraints Analysis and Opportunities in India. Presented in Proceedings on National Meet on Modernization of Jaggery Industry in India. P 98, held on November 01-02, 2014.
- Asha Gaur, Shashivind Kumar Awasthi, Ram Singh, Meena Nigam, S K Shukla and **Swaha Shee**, Rituo ke parivartan ka mrida sukhmojibioki prayagsilita taha fasal ki utpadakta par prabhav (2014). Ikshu, Rajbhasha Patrika, IISR, Lucknow.
- Shashivind kumar Awasthi, Asha Gaur, Meena Nigam, S K Shukla and **Swaha Shee**, Mrida ke sukhmojibio ko pravabit karne wale karak (2014). Kishan Jyoti, Rajbhasa Patrika, IISR, Lucknow.

Manuals

Published by IISR on Model Training course on “Integrated Nutrient Management for Improving Soil health and Enhancing Nutrient use Efficiency” held on October 13-20 2014.

- Determination of pH, electrical conductivity, organic carbon and texture of soil and their role in crop production. Asha Gaur, S. K. Shukla, Swaha shee and S. K. Awasthi.
- Determination of soil enzymes responsible for transformations of nutrients. Swaha Shee, S. K. Shukla, Asha Gaur and S. K. Awasthi.
- Determination of CHNS through CHNS/O Analyser. S K. Awasthi, S. K. Shukla and Asha Gaur.

Declaration: "I declare that information furnished as above by me is true and correct to the best of my knowledge and belief and that no related/relevant information is concealed".

Date and Place
Lucknow, 03.12.2021

Swaha Shee Chanda
(Swaha Shee Chanda)