

CV of SHILPI GUPTA

Name: Shilpi Gupta

Designation: Assistant Professor

Address for Communication: (office): School of Agriculture and Allied Sciences (SAAS),
Girijananda Chowdhury University, Kunderbari Road, Dekargaon, Tezpur-784501

Mobile No.: 9101967431

WA No: 9101967431/8403956320

Email: shilpigupta67431@gmail.com

Sex: Female

Date of Birth: 23/11/1994

Educational Qualifications:

Sl · N o ·	Examin ation Passed	Year of passing	Board / Council / University	Specialization
1	Ph.D (Agri.)	Pursuing	Assam Agricultural University, Jorhat	Soil Science
2	M.Sc (Agri.)	2021	College of Post Graduate Studies in Agricultural Sciences, CAU - Imphal, Umiam, Meghalaya	Soil Science and Agricultural Chemistry
3	B.Sc. (Agricultu	2018	College of Agriculture, Assam	Agriculture

	re)		Agricultural University-Jorhat, Assam	
4	Higher Secondary (10+2)	2013	Salt Brook Academy, Dibrugarh, Assam (under Assam Higher Secondary Education Council)	Science
5	Secondary Education (10 th)	2011	Holy Name School, Sivasagar, Assam (under Board of Secondary Education, Assam)	As per SEBA syllabus

Languages known: (Read, speak & write): English, Hindi, Assamese

Academic/ Administrative Experience:

- Worked in Soil and Plant Analysis Laboratory for analysis of soil and other such samples and handling of sophisticated instruments like ICP-OES from 1st January, 2022 to 2nd June, 2023.
- Worked as Young Professional-I in Govt. of Assam sponsored project “Characterization and mapping of Char areas of Assam using geospatial techniques for planning strategies of crop management and improving livelihood security” from 3rd June, 2023 to 3rd June, 2024 under the Dept. of Soil Science, Assam Agricultural University, Jorhat.
- Worked as visiting guest lecturer of NSQF Level 1-2 for Class IX and X in the subject of Agriculture in Nabhanga Bapuji Higher Secondary School, Dergaon, Golaghat (Assam) in the year 2024.
- Worked as Teaching Assistant from 24/10/2024 to 24/10/2025 at Birangaa Sati Sadhini Rajyik Vishwavidyalaya, Golaghat, Assam

List of Publications:

Sl. No.	Author(s)	Date of publication	Name of Journal	Volume no., issue no. and page no.	Title	NAAS Score
1	Singh, P. K., Naresh, R. K., Singh, N. K., Bhatt , R., Sahoo , P., Gupta , S. , Kaur , A., & Tiwari , H.	11-05-2023	International Journal of Environment and Climate Change	13 (7): 452-470	Effect of Conservation Tillage on Changes in Soil Aggregate-associated Organic Carbon and Biological Pools to Nitrogen and Straw Alters in RWCS in North-Western India: A Review	5.13
2	Kumar, S., Agrawal, S., Jilani, N., Kole, P., Kaur, G., Mishra, A., Gupta, S. , Singh, A.P. & Tiwari, H.	16-05-2023	The Pharma Innovation	12 (5) : 2648-2662	Effect of integrated nutrient management practices on growth and productivity of rice: A review	5.23
3	Hazarika, J., Gupta, S. , Saroj, N.L., Saikia, T. & Roy, M.	03-10-2023	International Journal of Environment and Climate Change	13(10): 4526-534	Influence on Crop Health and Yields as affected by Soil Organic Matter and Crop Residue Management: An Overview	5.13

Book Chapter:

Sl. No.	Author(s)	Date of publication	Name of Book	Volume no., issue no. and page no.	Title	ISBN no.
1	Gupta, S and Roy, S.	05-05-2022	Advancing Innovations in Sustainable Agriculture	2:172- 189	Soil Health Management: Past to Present	978-93- 92953-42-2
2	Nath, C., Deka, D., Varanasi, S.T. & Gupta, S.	01-04-2023	Climate Change: Conservation, Biodiversity & Sustainability	1 :196- 209	Genetic Diversity and Germplasm Conservation in Banana	978-81- 963002-1-0
3	Gupta, S., Roy, S., Nath, C. & Varanasi, S.T.	31-07-2023	Advances in Soil Science	1:425- 436	Regenerative Agriculture: Merging Farming and Natural Resources Conservation	978-93- 92804-68-7
4	Gupta, S., Hazarika, J., Roy, S. & Saroj, N.L.	20-06-2023	Advances in Soil Science	2:111- 128	Management Techniques for Sustaining Soil Fertility	978-93- 58992-35-9

• **POPULAR ARTICLES PUBLISHED IN NEWSLETTERS/SOUVENIRS:**

Sl. No.	Author(s)	Date of publication	Name of Book /Souvenir	Volume no., issue no. and page no.	Title	ISSN/ISBN no.
1	Gupta, S.	1-07-2020	AgriCos e-newsletter	1(3)1:132-134	Restore soil health : Revive the climate	2582-7049
2	Borah, R., Varanasi, S.T., Nath, C., Gupta, S.	2023	Souvenir published during “International Conference on Biodiversity, Food Security, Sustainability Climate Change (ICBFSCC-2023)”	1:101-107	Carbon Trading and India’s Road Ahead	978-81-963002-1-0
3	Gupta, S. , Chaudhary, S., Mishra, R., Rishabh, Kumar , S., Singh,S.	2023	New Era Agriculture Magazine	2(7):186-194	Soil Conservation Techniques: Preserving Earth’s Foundation for Future Generations	2583-5173

4	Gupta, S. , Chaudhary, S., Purushotham, P., Aman, A.S. and Singh, V.	2023	Agri Articles	3(6): 651- 655	Exploring the Unseen: The Remarkable Role of Soil Microorganism s	2582-9882
5	M,P., Gupta, S. , Gayathri, G., Meena, A.K., Bhavana, P.	2024	New Era Agriculture Magazine	2(8):190- 200	Soil Erosion: Threats and Solutions	2583-5173

Seminar:

1. Participated in training programme on “Forestry in addressing livelihood issues of people of North-Eastern States” sponsored by Ministry of Environment, Forest and Climate Change, Govt. of India, organized by RFRI, Jorhat (Assam) during 28-30 November,2018 at ICAR Research Complex for NEH Region, Umiam, Meghalaya.
2. Participated and presented a poster entitled “Boron chemistry in acid soils” in International Web Conference “Perspective on Agricultural and Applied Sciences in Covid-19 scenario (PAAS-2020).
3. Participated and presented a poster entitled “Dynamics of soil nitrogen and phosphorus vis-à-vis nutrient regimes in lowland rice cultivation” in 3rd International Conference on Global Initiative in Agriculture and Applied Sciences for Eco Friendly Environment (2019)

organized by Agricultural Technology Development Society during 16-18 June, 2019 at conference hall, Tribhuvan University, Kathmandu, Nepal.

4. Took part in regional meet on North East Agriculture : Farmers's Perspectives organized by CPGS-AS, Central Agricultural University (Imphal) during December 07-08, 2018.
5. Attended 3 days online training on "Soil Health Management: Concepts and Practices" organized by Academy of Natural Resource Conservation and Management (ANRCM)", Lucknow, Uttar Pradesh from September 25-27, 2022.
6. Took part in International conference namely "2nd World Hybrid Congress on Plant Genomics and Plant Science" and presented poster entitled "Soil fertility and tomato yield under minimum tillage as influenced by vermicompost-farmyard manure-fertilizer mixture after winter rice" held on October 6-7, 2022.
7. Took part in 31st National Conference on "Innovative resource management approaches for coastal and inland ecosystems to sustain productivity and climate resilience" held from October 13-15, 2022 organized by Navsari Agricultural University, Navsari, Gujarat in collaboration with Gujarat State Chapter of SCSi, Navsari and Soil Conservation Society of India (SCSi), New Delhi and presented the poster entitled "Vermicompost yield and quality as influenced by use of poultry litter as substrate".
8. Participated in Seven days training programme of NAHEP-CAAST project on "Protected Agriculture and Natural Farming" held during 13-19th March, 2023 organized by Centre for Protected Cultivation Technology, ICAR-IARI, New Delhi and sponsored by Chaudhary Sarwan Kumar Himachal Pradesh Krishi Vishwavidyalaya, Palampur (HP).
9. Attended 4 days training from 12th-15th June, 2023 on operation of survey drone with realtime survey and processing the survey data with Pix4D software by organized under the project "Characterization and mapping of Char areas of Assam using Geospatial Techniques for planning strategies of crop management and improving livelihood security".
10. Attended National conference from 22-23 December, 2023 on "Women Scientist in Plant health Management for sustainable development goals" organized by Assam Agricultural University, Jorhat and Indian Phytopathological Society, New Delhi and **secured 2nd position for best session and teamwork.**

11. Participated in National conference from 22-23 December, 2023 on “Women Scientist in Plant health Management for sustainable development goals” organized by Assam Agricultural University, Jorhat and Indian Phytopathological Society, New Delhi and presented a poster entitled “Fate of nitrogen in lowland rice ecosystem” and **secured 1st position in poster presentation.**
12. Participated as a rapporteur in National conference from 22-23 December, 2023 on “Women Scientist in Plant Health Management for sustainable development goals” organized by Assam Agricultural University, Jorhat and Indian Phytopathological Society, New Delhi.
13. Participated in DST SERB sponsored National seminar from 9th-10th February, 2024 on “Big Canvas for Innovation and Entrepreneurship” The Brushstrokes of Growth and Transformation organized by Incubation Innovation Centre, IQAC and Dept. of Physics, Botany, Chemistry and Economics, Jorhat Kendriya Mahavidyalaya, Jorhat, Assam in collaboration with CSIR-North East Institute of Science and Technology, Jorhat, Assam; Rain Forest Research Institute, Jorhat, Assam; Chitkara University, Chandigarh; Jammu University, Jammu; Assam Don Bosco University, Guwahati, Assam.
14. Attended one day Fertilizer Orientation Programme conducted by the Fertilizer Association of India Eastern Region on 28th August, 2024 at Assam Agricultural University, Jorhat, Assam.
15. Participated in the 6th World Congress on Plant Genomics and Plant Science organized by Conference Mind from December 06-07, 2024 in Frankfurt, Germany and presented the paper entitled “Assessment of phosphorus dynamics in the lowland rice fields of Meghalaya.”

Workshop:

1. Attended 7 days workshop-cum-training program on “Novel Agricultural System” NAS 3.0-2023 under sub-themes Agricultural Drones, Organic/ Natural Farming, Hydroponics/ Aeroponics, Seed Production techniques & job opportunities in Agriculture from 18th-24th February, 2023 jointly organized by Doon PG College of Agriculture Science and Technology, SGTU Gurugram, Sardar Patel University, Shri Krishna

University, GLA University, Rabindranath Tagore University , Shri Ram College of Commerce, NASO, AIASA, D.Y. Patil Agriculture University and Hindustan Agricultural Research Welfare Society.

2. Attended 7 days training from 3rd October - 9th October, 2023 on “Advance Research Methodology and Data Analysis” organized by School of Economics and Commerce (SOEC) in collaboration with Directorate of Research and Innovation (DORI).
3. Attended 2 days training from 4th-5th July, 2023 on “Introduction to Remote Sensing and GIS” under world bank financed Assam Agribusiness and Rural Transformation Project (APART) organized by Assam Agricultural University (AAU) in collaboration with International Rice Research Institute (IRRI) in the Directorate of Research (Agri.), AAU, Jorhat.
4. Got selected as one among 25 students from all over India for attending high-end workshop (Karyashala) on “State-of-the-art instrumentation for appraising soil biogeochemical processes and microbial diversity with respect to soil-climate feedback response” **sponsored by DST-Science and Engineering Research Board, Govt. of India via Accelerate Vigyan** held from 4-13th March, 2024 at Indian Institute of Soil Science, Bhopal.
5. Attended 5 days training programme on “Promotion of Organic Inputs in N.E. States” organized by Directorate of Extension Education, Assam Agricultural University, Jorhat from 24th to 28th of March, 2025 at Assam Agricultural University, Jorhat.

Research Experience:

M.Sc: 2 years

Ph.D: 5 years

Research experience in job: 1 year

● **Doctoral thesis guided:**

- **Research & Consultancy Projects:** Worked as Young Professional-I in Govt. of Assam sponsored project “Characterization and mapping of Char areas of Assam using geospatial techniques for planning strategies of crop management and

improving livelihood security” from 3rd June, 2023 to 3rd June, 2024 under the Dept. of Soil Science, Assam Agricultural University, Jorhat.

● **Reviewer:**

Membership of Professional bodies:

Student member of Soil Conservation Society of India

Student member of Indian Society of Soil Science

Award, Fellowship & Recognition:

1. Received State Merit scholarship during B.Sc (Agri.) programme at Assam Agricultural University, Jorhat
2. Received Ishaan uday scholarship for NER students during B.Sc (Agri.) programme from 2014-18.
3. Received State Merit scholarship during M.Sc (Agri.) programme at CPGSAS, CAU-Imphal, Umiam, Meghalaya from 2018-20.
4. Received State Merit scholarship during Ph.D (Agri.) programme at Assam Agricultural University, Jorhat.
5. Secured 1st position in poster presentation entitled “Fate of nitrogen in lowland rice ecosystem” during National conference held from 22-23 December, 2023 on “Women Scientist in Plant health management for sustainable development goals” organized by Assam Agricultural University, Jorhat and Indian Phytopathological Society, New Delhi.

6. Secured 2nd position for best session and teamwork during National conference from 22-23 December, 2023 on “Women Scientist in Plant health management for sustainable development goals” organized by Assam Agricultural University, Jorhat and Indian Phytopathological Society, New Delhi.
7. Received ‘Young Researcher Award’ in recognition of the paper entitled “Assessment of phosphorus dynamics in the lowland rice fields of Meghalaya” at the 6th World Congress on Plant Genomics and Plant Science organized by Conference Mind held from December 06-07, 2024 in Frankfurt, Germany (hybrid mode).
8. Received the ‘Outstanding Oral Presentation (as a speaker) Award’ in recognition of the paper entitled “Assessment of phosphorus dynamics in the lowland rice fields of Meghalaya” at the 6th World Congress on Plant Genomics and Plant Science organized by Conference Mind held from December 06-07, 2024 in Frankfurt, Germany (hybrid mode).
9. Qualified various entrance examinations including ICAR PG, Ph.D examinations, BHU PG entrance, Viswabharati PG entrance, AAU PG ,CAU PG and PhD exams, etc.
10. Received highest OGPA during M.sc degree programme in the Dept. of Soil Science and Agricultural Chemistry as well as in School of Natural Resource Management (SNRM).
11. Qualified UGC-NET examination (for admission to Ph.D only) in June, 2024.

Date: 10-11-2025

Name of faculty: Shilpi Gupta