

CURRICULUM VITAE OF PROF. DR JASIM UDDAIN

TOP SHEET

Name & Address: Professor Dr. Jasim Uddain, **Pro-Vice-Chancellor**, Z.H. Sikder University of Science and Technology, Shariatpur, Bangladesh. <https://zhsust.ac.bd/the-pro-vice-chancellor>

And

Department of Horticulture, Sher-e-Bangla Agricultural University (Deputation), Dhaka – 1207;
Mobile: +8801716611706

Academic Background: PhD (TWAS-USM PhD fellow, 2015), School of Biological Sciences, Universiti Sains Malaysia (146, QS world ranking, 2025)

Postdoctoral Position:

1. Postdoctoral Fellow, School of Biological Sciences, Universiti Sains Malaysia, 11800, Pulau Pinang, Malaysia. **Duration:** 3 December 2018 to 2 December 2019
2. Postdoctoral Fellow; University Grant Commission (UGC); UGC Bhaban, Plot# E-18/A, Agargaon Administrative Area, Dhaka 1207; **Duration:** 1st January 2021 to 31 December 2021

PhD student Supervision: Supervisor: 4 students; Co-supervisor: 2 students

MS student Supervision: 36 students; Co-supervisor: 30 students

Internship Supervisor: 10 students of International University of Business Agriculture and Technology (IUBAT)

Research Background:

Total Publications: 64; ISI/SCIE/Scopus indexed= 34

Total Citations: 1046	Google scholar Id: DG1H11IAAAAJ
h-index : 17	Scopus Author ID: 56085002800
i10-index : 25	Researcher ID: L-4441-2016
Total Impact factor: 60	ORCID ID: orcid.org/0000-0002-4344-4205


Books:

1. **Uddain, J. 2014. Fertilizer management of Broccoli: Fertilizer management is the most important factor of Broccoli production and their postharvest potentiality. LAP LAMBERT Academic Publishing, pp92 ISBN-10 : 3659287881; ISBN-13 : 978-3659287886**
2. **Uddain, J et al. 2022. Fruit and vegetable cultivation-1, SSC/Dakhil (Vocational) Text Book.**
3. **Uddain, J et al. 2022. Fruit and vegetable cultivation-2, SSC/Dakhil (Vocational) Text Book.**

Editorial Activities:

Editor in Chief of the Asian-Australasian Journal of Food Safety and Security, Ebu Press Ltd.

Reviewer: HortScience (Q2); Agronomy Research (Q3); Horticulturae (Q2) and others






AD Scientific Index
Rankings for Scientist
More Than a Ranking

World Scientist and University Rankings 2025

Sher-e-Bangla Agricultural University


AD Scientific Index ID: 4457876
Jasim Uddain

	Scores	In Sher-e-Bangla Agricultural University (151)	In Bangladesh (16,688)	In Asia (685,168)	World (2,395,028)
		Rankings			
H-Index (Total)	15	#17	#1,280	#133,241	#641,446
H-Index (Last 6 years)	14	#13	#1,116	#120,087	#553,439
H-Index Last 6 years / Total Ratio	0.933				
i10 Index (Total)	22	#17	#1,176	#124,920	#594,019
i10 Index (Last 6 years)	20	#14	#982	#109,814	#500,900
i10 Index Last 6 years / Total Ratio	0.909				
Citation (Total)	717	#21	#1,648	#163,502	#795,899
Citation (Last 6 years)	574	#20	#1,475	#146,288	#675,326
Citation Last 6 years / Total Ratio	0.801				
Natural Sciences *		#3 (20) *	#261 (1,874) *	#29,553 (83,971) *	#139,439 (309,034) *
Biological Science *		#1 (6) *	#35 (195) *	#5,070 (14,180) *	#32,614 (66,035) *

www.adscientificindex.com

Date : 27.10.2024 *Source and Methodology: <https://www.adscientificindex.com/scientist/jasim-uddain/4457876>



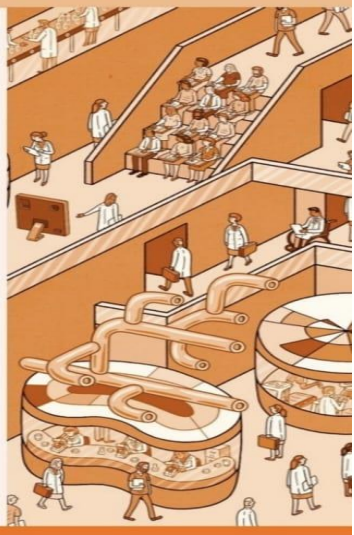
Elsevier

Congratulations

Jasim Uddain

For publishing open access with Elsevier between 2020-2022!

1 of your articles was linked to the United Nations Sustainable Development Goals, helping to tackle some of the world's greatest challenges.



Specialist/Training Activities (more than 30):

- 1. Horticulture specialist, Easy Export Series and Export Curriculum Enhancement, USAID - Feed the Future Bangladesh Trade Activity, International Development Group LLC.**
- 2. Training to Department of Agricultural Extension (DAE) officers under several Projects.**
- 3. “Increasing income of Farmers through Non-toxic vegetable and Moringa production and Marketing” value chain development sub-project. Under value-chain sub-project PACE project of PKSF.**

MS Thesis examiner: Seven (7) different Public universities (SUST, RU, BSMRAU, PSTU, HSTU, KU, KIU)

Question Preparation:

- 1. Prepared questions for the NTRCA (written) test for Lecturer in Agriculture.**
- 2. Prepared questions for Diploma in Agriculture students.**

Leadership/Administrative Experiences:

- 1. Member Secretary, Malaysian Universities Alumni Association of Bangladesh (MUAAB): 01.01.2024 to Till date**
- 2. Associate Director, Directorate of Student Affairs, Sher-e-Bangla Agricultural University: 10.09.2024 to Till date**
- 3. Member, Orchid Society of Malaysia: 2012 to Till date**
- 4. Horticulture Farm In charge, Sher-e-Bangla Agricultural University: January 2009 to January 2013**
- 5. Member, Bangladesh Association for Plant Tissue Culture & Biotechnology (BAPTC&B)**
- 6. Member, Bangladesh Horticulture Society**
- 7. Member, Krishibid Institution of Bangladesh (KIB)**

TV Presenting Experiences:

- 1. Horticulture Specialist, Deepto Krishi Jiggasa, Deepto TV. (More than 50 programs)**
- 2. Horticulture Specialist, Gloval Krishi, Gloval TV (3)**
- 3. Horticulture Specialist, Channel 24 (2)**

CURRICULUM VITAE



1. **NAME** : Prof. Dr. Jasim Uddain
2. **DATE OF BIRTH** : 15/03/1981
3. **NATIONALITY** : Bangladeshi
4. **MAILING ADDRESS** : **Pro-Vice-Chancellor**, Z.H. Sikder University of Science and Technology, Kartikpur, Vedergonj, Shariatpur, Bangladesh.
<https://zhsust.ac.bd/the-pro-vice-chancellor>

5. CONTACT DETAILS

Mobile : +88-01716611706 (Bangladesh)

uddain.jasim@gmail.com

Mail : jasimhort@sau.edu.bd

Website : <https://sites.google.com/view/dr-jasim/home>

6. ACADEMIC QUALIFICATION :

- PhD in Biotechnology, Universiti Sains Malaysia (USM) (2016). (TWAS-USM Ph.D. Fellow)
- MSc in Horticulture, Sher-e-Bangla Agricultural University (SAU), Dhaka, Bangladesh (2007)
- BSc in Agriculture (Hons.), Sher-e-Bangla Agricultural University, Dhaka, Bangladesh (2002, held in 2004)
- HSC, Narsingdi Govt. College, Dhaka Board, Bangladesh, 1998
- SSC, Bashgari High School, Dhaka Board, Bangladesh, 1996

7. WORKING EXPERIENCE

Position : **Pro-Vice-Chancellor**, Z.H. Sikder University of Science and Technology, Shariatpur, Bangladesh

- Duration** : **27-10-2025 to Till date**
- Position** : **Professor (Grade 2)**
Department of Horticulture
Sher-e-Bangla Agricultural University
Dhaka, Bangladesh
- Duration** : **11th January 2024 to Till date**
- Position** : **Professor (Grade 3)**
Department of Horticulture
Sher-e-Bangla Agricultural University
Dhaka, Bangladesh
- Duration** : **11th January 2020 to 10th January 2024**
- Position** : **Postdoctoral Fellow**
University Grant Commission (UGC)
UGC Bhaban, Plot# E-18/A, Agargaon Administrative
Area, Dhaka 1207
- Duration** : **1st January 2021 to 31 December 2021**
- Position** : **Postdoctoral Fellow**
School of Biological Sciences
Universiti Sains Malaysia
11800, Pulau Pinang, Malaysia
- Duration** : **3 December 2018 to 2 December 2019**
- Position** : **Associate Professor**
Department of Horticulture
Sher-e-Bangla Agricultural University
Dhaka, Bangladesh
- Duration** : **11th January 2016 to 10th January 2020**
- Position** : **Assistant Professor**
Department of Horticulture
Sher-e-Bangla Agricultural University
Dhaka, Bangladesh
- Duration** : **11th January 2009 to 10th January 2016**
- Lecturer**
Department of Horticulture
Sher-e-Bangla Agricultural University

Dhaka, Bangladesh

11th January 2007 to 10th January 2009

8. MEMBERSHIP IN PROFESSIONAL SOCIETIES

- Member, Academic Council, Sher-e-Bangla Agricultural University (SAU)
- Member, Bangladesh Horticulture Society
- Member, Krishibid Institution of Bangladesh (KIB)
- Member, Bangladesh Association for Plant Tissue Culture & Biotechnology (BAPTC&B)
- Member, Orchid Society of Malaysia
- Member Secretary, Malaysian Universities Alumni Association of Bangladesh (MUAAB)
- Member, Sher-e-Bangla Agricultural University Alumni Association
- Office secretary, Officer's Forum Raipura Narsingdi (Welfare organization)
- Member, Narsingdi Forum Dhaka (Welfare organization)

9. TRAINING AND SEMINAR

Overseas

- The 9th regional IMT-GT Uninet conference, Penang, Malaysia. (2014)
- The 25th Malaysian Society of Plant Physiology (MSPP) Conference, The Lost World of Tambun, Perak, Malaysia (2015)
- Research methodology workshop organized by USM, Penang (2013)
- Introductory of SPSS for data analysis workshop organized by USM, Penang (2013)

Homeland

- Training-workshop on **Foundation Training for Public University Teachers** for 40 days organized by Graduate Training Institute (GTI), Bangladesh Agricultural University, Mymensingh held from 22nd December, 2011 to 2nd February, 2012.
- Training-workshop on **Curriculum Development and Evaluation** organized by Graduate Training Institute (GTI), Bangladesh Agricultural University, Mymensingh held from 22nd to 23rd July, 2012.

10. LANGUAGES & DEGREE OF PROFICIENCY	<u>Language</u>	<u>Speaking</u>	<u>Reading</u>	<u>Writing</u>
	English	Good	Good	Good
	Bangla	Excellent	Excellent	Excellent
	Arabic	-	Fair	Fair

11. POST-GRADUATE STUDENTS' SUPERVISION

PhD Supervisor: 4 students (Continuing)

PhD advisory committee Member: 2 students (Continuing)

MS Thesis Supervisor:

Thesis title: Growth and yield of onion in response to plant density and bio-fertilizer

Crop: Onion

Program: Master of Science in Horticulture

Graduated year: June 2022

Name & Registration No. of Student: Md. Zahidur Rahman **Reg. No.** 14-06028

Organization: Department of Horticulture, Sher-e-Bangla Agricultural University

Position held: Research Supervisor

Thesis title: Yield and quality of different turnip varieties influenced by vermicompost

Crop: Turnip

Program: Master of Science in Horticulture

Graduated year: June 2022

Name & Registration No. of Student: Nasrin Akter **Reg. No.** 14-06207

Organization: Department of Horticulture, Sher-e-Bangla Agricultural University

Position held: Research Supervisor

Thesis title: Effect of Bio-fertilizers with reduced amount of chemical fertilizer on growth and quality yield of kohlrabi varieties

Crop: Kohlrabi

Program: Master of Science in Horticulture

Graduated year: June 2022

Name & Registration No. of Student: Aklima Khatun **Reg. No.** 15-06469

Organization: Department of Horticulture, Sher-e-Bangla Agricultural University

Position held: Research Supervisor

Thesis title: Influence of sea weed extract with reduced rates of chemical fertilization on growth and quality yield of onion

Crop: Onion

Program: Master of Science in Horticulture

Graduated year: June 2022

Name & Registration No. of Student: Chowdhury Sanjida Afrin **Reg. No.** 15-06814

Organization: Department of Horticulture, Sher-e-Bangla Agricultural University

Position held: Research Supervisor

Thesis title: Growth, yield & quality of Chinese cabbage (*Brassica campestris* var. *Pekinensis*) cultivars influenced by vermicompost

Crop: Chinese Cabbage

Program: Master of Science in Horticulture

Graduated year: December 2020

Name & Registration No. of Student: Nishat Islam, **Reg. No.** 18-09249

Organization: Department of Horticulture, Sher-e-Bangla Agricultural University

Position held: Research Supervisor

Thesis title: Influence of biostimulants with reduced rate of chemical fertilization and dehauling schedule on Potato

Crop: Potato

Program: Master of Science in Horticulture

Graduated year: December, 2020

Name & Registration No. of Student: Soumitro Biswas, **Reg. No.** 18-09233

Organization: Department of Horticulture, Sher-e-Bangla Agricultural University

Position held: Research Supervisor

Thesis title: Growth and yield of purple cabbage influenced by nutrient sources and NAA

Crop: Cabbage

Program: Master of Science in Horticulture

Graduated year: June, 2020

Name & Registration No. of Student: Mahmuda Akter Rickta, **Reg. No.** 13-05259

Organization: Department of Horticulture, Sher-e-Bangla Agricultural University

Position held: Research Supervisor

Thesis title: Influence of organic manure on growth and yield of kohlrabi cultivars **Crop:** Kohlrabi

Program: Master of Science in Horticulture

Graduated year: June, 2020

Name & Registration No. of Student: Rubana Tabassum, **Reg. No.** 13-05264

Organization: Department of Horticulture, Sher-e-Bangla Agricultural University

Position held: Research Supervisor

Thesis title: Influence of vermicompost on growth and yield of Carrot (*Daucus carota*) cultivars

Crop: Carrot

Program: Master of Science in Horticulture

Graduated year: June, 2020

Name & Registration No. of Student: Jannatul Ferdouse, Reg. No. 13-05268

Organization: Department of Horticulture, Sher-e-Bangla Agricultural University

Position held: Research Supervisor

Thesis title: Influence of vermicompost and date of planting on the growth and yield of purple cabbage

Crop: Cabbage

Program: Master of Science in Horticulture

Graduated year: June, 2020

Name & Registration No. of Student: Snigdha Roy, Reg. No. 13-04933

Organization: Department of Horticulture, Sher-e-Bangla Agricultural University

Position held: Research Supervisor

Thesis title: Influence of nutrient sources on growth and bulb yield of onion cultivars. **Crop:** Onion

Program: Master of Science in Horticulture

Graduated year: June, 2020

Name & Registration No. of Student: Pulak Kumer Sarker, Reg. No. 13-05548

Organization: Department of Horticulture, Sher-e-Bangla Agricultural University

Position held: Research Supervisor

Thesis title: Growth, seed yield and quality of chilli as influenced by fertilizer management and spacing

Crop: Chilli

Program: Master of Science in Seed Technology

Graduated year: June, 2020

Name & Registration No. of Student: Md. Mehedi Hassan, Reg. No. 13-05342

Organization: Institute of Seed Technology, Sher-e-Bangla Agricultural University

Position held: Research Supervisor

Thesis title: Influence of vermicompost and plant density on growth and quality seed yield of Coriander

Crop: Coriander

Program: Master of Science in Seed Technology

Graduated year: June, 2020

Name & Registration No. of Student: Md. Foysal Hossain, Registration no.13-05355

Organization: Institute of Seed Technology, Sher-e-Bangla Agricultural University

Position held: Research Supervisor

Thesis title: Influence of fertilizers on growth and quality yield of Coriander cultivars

Crop: Coriander

Program: Master of Science in Horticulture

Graduated year: December, 2018

Name & Registration No. of Student: Anika Farhan Oni, Reg. No. 17-08249

Organization: Department of Horticulture, Sher-e-Bangla Agricultural University

Position held: Research Supervisor

Thesis title: Growth, fruit set and yield of summer tomato influenced by 4-CPA and vermicompost

Crop: Tomato

Program: Master of Science in Horticulture

Graduated year: June, 2018

Name & Registration No. of Student: Most. Sharmin Akter Shilpi, Reg. No. 12-04752

Organization: Department of Horticulture, Sher-e-Bangla Agricultural University

Position held: Research Supervisor

Thesis title: Effect of leaf pruning and GA₃ on growth and yield of Squash

Crop: Squash

Program: Master of Science in Horticulture

Graduated year: June, 2018

Name & Registration No. of Student: Tanzina Baby, Reg. No.12-04992

Organization: Department of Horticulture, Sher-e-Bangla Agricultural University

Position held: Research Supervisor

Thesis title: Influence of calcium on different varieties of Sweet pepper (*Capsicum annum*) to reduce the incidence of blossom end rot (BER).

Crop: Sweet pepper

Program: Master of Science in Horticulture

Graduated year: June, 2018

Name & Registration No. of Student: MST. Aisha Siddika, Reg. No. 12-04997

Organization: Department of Horticulture, Sher-e-Bangla Agricultural University

Position held: Research Supervisor

Thesis title: Growth, yield and seed viability of france bean varieties influenced by vermicompost as a safe Agriculture

Crop: France Bean

Program: Master of Science in Seed Technology

Graduated year: December, 2017

Name & Registration No. of Student: Shifat Zaman Koly, Reg. No. 16-07584

Organization: Institute of Seed Technology, Sher-e-Bangla Agricultural University

Position held: Research Supervisor

Thesis title: Effect of nutrient management and fruit position on growth and seed yield of Okra

Crop: Okra

Program: Master of Science in Seed Technology

Graduated year: December, 2017

Name & Registration No. of Student: Md. Rabiul Islam, Reg. No. 11-04536

Organization: Institute of Seed Technology, Sher-e-Bangla Agricultural University

Position held: Research Supervisor

Thesis title: Growth and Green leaf Yield of Bunching Onion Influenced by Plant Density and Fertilizer Amendment

Crop: Onion

Program: Master of Science in Seed Technology

Graduated year: December, 2017

Name & Registration No. of Student: Md. Abul Khayer, Reg. No. 16-07586

Organization: Institute of Seed Technology, Sher-e-Bangla Agricultural University

Position held: Research Supervisor

Thesis title: Yield and quality of onion seed production as influenced by Boron and Calcium

Crop: Onion

Program: Master of Science in Seed Technology

Graduated year: December, 2017

Name & Registration No. of Student: Mirza Golam Morshed, Reg. No. 10-03981

Organization: Institute of Seed Technology, Sher-e-Bangla Agricultural University

Position held: Research Supervisor

(MS Co-Supervisor: 30 students

AUTHOR INFORMATION:

Google scholar Id: DG1H11IAAAAJ

Scopus Author ID: 56085002800

Researcher ID: L-4441-2016

ORCID ID: orcid.org/0000-0002-4344-4205

LIST OF PUBLICATION:

1. Islam, F., Rahman, M.F., Rahman, M.S., Sarker, M.R., Chowdhury, M.K., Hasanuzzaman, M., **Uddain, J.** 2025. Impact of plantlet type and mulching materials interaction on strawberry

- (*Fragaria x ananassa*) cv. Festival growth, yield and quality in Bangladesh. *Journal of Applied Horticulture*, 27(3): 421-426. DOI: <https://doi.org/10.37855/jah.2025.v27i03.77> (Scopus, Elsevier)
2. Rahman, M.M., Rahman, M.S., Md. Helal, M.G.J., Roni, M.Z.K., **Uddain, J.** 2025. Potential impacts of gibberellic acid to promote salinity tolerance on tomato. *Journal of Applied Horticulture*, 27(1): 51-56. DOI: <https://doi.org/10.37855/jah.2025.v27i01.10> (Scopus, Elsevier; Corresponding Author)
 3. Khatun, A., Akter, T., Chowdhury, M. K., **Uddain, J.** 2025. Enhancing Growth, Yield, and Quality of Kohlrabi (*Brassica oleracea* var. caulorapa L.) with Biofertilizers: A Sustainable Approach for Reducing Chemical Fertilizer Dependency. *South Asian Journal of Agriculture*, 10(1), 24–35. <https://doi.org/10.3329/saja.v10i1.80236> (Google Scholar/Crossref; Corresponding Author)
 4. Islam, N., Chowdhury, M.K., Biswas, S., **Uddain, J.** 2024. Optimizing growth, yield, and quality of chinese cabbage with vermicompost and reduced fertilizer rates in organic farming. *J. Hortic. Sci.*, 19(2), 2024 (<https://doi.org/10.24154/jhs.v19i2.3194>) (Scopus, Elsevier; Corresponding Author)
 5. Mahajan, S., Solaiman, A.H.M., Tasnim, Z., Arefin, S.M.A., Mazumder, S.R., Chowdhury, M.K., **Uddain, J.** 2024. Evaluation of growth and nutritional composition of microgreens of different crops under various LED light spectrums. *Journal of Applied Horticulture*. 26 (2):231 (Scopus, Elsevier; Corresponding Author)
 6. **Uddain, J.** 2024. Enhancing food safety and security through organic agriculture and innovative fertilizer management. *Asian-Australasian Journal of Food Safety and Security*, 8(2):27-31(Google Scholar/ Cross ref, Ebu Press Ltd.)
 7. RA Nahid, B Das, MN Parvez, T Akter, J Uddain. 2024. Influence of Auxin on Flowering, Fruit Set and Yield Performance of Yard Long Bean (*Vigna unguiculata* var. *sesquipedalis*). *Asian Journal of Advances in Agricultural Research*, 24(8): 36-45(Google Scholar/Crossref; SCIENCEDOMAIN international; Corresponding Author)
 8. Lina, J. A., Akand, M.H., Islam, M.N., **Uddain, J** (2024) Gibberellic Acid and Planting Time Influence on the Growth and Yield of Cabbage (*Brassica oleracea* var. *capitata* L.). *Asian Journal of Advances in Agricultural Research*, 24 (2). pp. 1-10. (Google Scholar/Crossref;

SCIENCEDOMAIN international; Corresponding Author)

9. Gnasekaran, P., Rahman, Z.A., Chew, B.L., **Uddain, J.**, Solayappan, M., Chear, N.J.Y., Appalasamy, S., Mariappan, V., Wahyuni, D.K., S. Sreeramanan. 2023. Picloram enhanced the callus induction, growth kinetics, antioxidant potentials, and secondary metabolites production of *Zingiber officinale* var. rubrum callus cultures. *Plant Cell, Tissue and Organ Culture*, 155(3), 843-859. <https://doi.org/10.1007/s11240-023-02603-6> (ISI/Scopus, IF: 2.726; Springer)
10. Islam, M.R, Siddiquee, S., Rahman, M.M., Muhammad, N., **Uddain, J.**, Sarkar, M.D. 2023. Interference with sex expression, estimation of yield and bioactive compounds in bitter melon under PGRs-induced conditions. *Bulletin of the National Research Centre*, **47**, 59. (ISI/Scopus, IF: 3.0; Springer)
11. Shahriar, S.A., Husna, A., Paul, T.T., Eaty, M.N.K., Quamruzzaman, M., Siddique, A.B., Rahim, M.A., Ahmmed, A.N.F., **Uddain, J.**, Siddiquee, S. 2023. *Colletotrichum truncatum* Causing Anthracnose of Tomato (*Solanum lycopersicum* L.) in Malaysia. *Microorganisms*, **2023** (11): 226. (ESCI/Scopus; Impact factor: 4.5; MDPI)
12. Ohiduzzaman, S.M. Akramul Islam, Mohammad Arif, Md. Jahidul Islam Saddam, Jasim Uddain, Muhammad Tofazzal Hossain and S. M. Lutful Kabir. 2022. Microbial quality evaluation of fresh vegetables from distinct markets in urban areas of Bangladesh. *Asian Australas. J. Food Saf. Secur.* 6 (1), 1-9; <https://doi.org/10.3329/aajfss.v6i1.59694>
13. Rickta, M. A., Tahmina, E., Rahman, M. J., **Uddain, J.** (2022). Growth and quality yield of purple cabbage influenced by nutrient sources and NAA. *Asian Journal of Medical and Biological Research*, 8(3), 154-164. (Google Scholar/ Crossref, Ebu Press Ltd.)
14. Shahriar, S.A.; Islam, M.N.; Chun, C.N.W.; Kaur, P.; Rahim, M.A.; Islam, M.M.; **Uddain, J.**; Siddiquee, S. Microbial Metabolomics Interaction and Ecological Challenges of *Trichoderma* Species as Biocontrol Inoculant in Crop Rhizosphere. *Agronomy* **2022**, *12*, 900. <https://doi.org/10.3390/agronomy12040900>
15. Islam, M. D., Sarker, N. C., Kakon, A. J., **Uddain, J.**, Chowdhury, M. S. M., Kabir, M. H. 2022. Performance of oyster mushroom species in the summer season using spore culture and

- vegetative tissue culture methods. SAARC Journal of Agriculture, 20 (2):169-181. (SAARC Agriculture Centre)
16. Gnasekaran, P., Rahman, Z.A., Chew, B.L., **Uddain, J.** Mariappan, V., Appalasamy, S., Sreeramanan S. **2022**. Regulation of chloroplast ultrastructure, adventitious bud anatomy and clonal fidelity of in vitro *Zingiber officinale* var. rubrum Theilade plantlets in response to LED spectral quality. Industrial Crops and Products, 181(2022):114825. (ISI/Scopus, IF: 5.645; Elsevier)
17. Choudhury S, Islam N, Mustaki S, **Uddain J.** Azad MOK, Choi KY, Naznin MT. **2022**. Evaluation of the Different Low-Tech Protective Cultivation Approaches to Improve Yield and Phytochemical Accumulation of Papaya (*Carica papaya* L.) in Bangladesh. Horticulturae. 8(3):210. <https://doi.org/10.3390/horticulturae8030210> (ESCI/Scopus; Impact factor: 2.331; MDPI)
18. Tahmina, E., Rashid Bhuiyan, M. S., Khatun, Z., & Uddain, J. **2022**. Screening out the Early Matured 'Boro Rice' Genotype for Bangladesh Condition Based on their Physico-chemical Characteristics and Yields. Annual Research & Review in Biology, 37(2): 47-62. (Google Scholar; SCIENCEDOMAIN international; Corresponding Author)
19. Shahriar SA, Islam MN, Chun CNW, Rahim MA, Paul NC, **Uddain J.** Siddiquee S. **2021**. Control of Plant Viral Diseases by CRISPR/Cas9: Resistance Mechanisms, Strategies and Challenges in Food Crops. Plants. 10(7):1264. <https://doi.org/10.3390/plants10071264> (ESCI/Scopus; Impact factor: 3.935; MDPI)
20. Sarkar MD, Rahman MJ, **Uddain J.** Quamruzzaman M, Azad MOK, Rahman MH, Islam MJ, Rahman MS, Choi K-Y, Naznin MT. **2021**. Estimation of Yield, Photosynthetic Rate, Biochemical, and Nutritional Content of Red Leaf Lettuce (*Lactuca sativa* L.) Grown in Organic Substrates. Plants. 10(6):1220. <https://doi.org/10.3390/plants10061220> (ESCI/Scopus; Impact factor: 3.935; MDPI)
21. Rahman MM, Azad MOK, **Uddain J.** Adnan M, Ali MC, Al-Mujahidy SMJ, Roni MZK,

- Rahman MS, Islam MJ, Rahman MH, Choi KY, Naznin MT. **2021**. Microbial Quality Assessment and Efficacy of Low-Cost Disinfectants on Fresh Fruits and Vegetables Collected from Urban Areas of Dhaka, Bangladesh. *Foods*. 10(6):1325. **(ESCI/Scopus; Impact factor: 4.35; MDPI)**
22. Aimie Nadzirah Abd Malik, **Jasim Uddain**, Chee Keong Chin, Bee Lynn Chew, Sreeramanan Subramaniam. **2021**. Elicitation of protocorm-like bodies (PLBs) of *Dendrobium* ‘Sabin Blue’ using methyl jasmonate, salicylic acid and melatonin for in vitro production of anthocyanin. *Phytochemistry Letters*, 43: 60-64. **(ISI/Scopus, IF: 1.60; Elsevier; Corresponding Author)**
23. Hasan MM., Rahman J., Sultana F., Fatima K., Shahriar SA., Imtiaz AA., Sreeramanan S., **Uddain J.** **2021**. Screening of suitable genotype for Bangladesh conditions based on genetic variability and path analysis in F2 white maize populations. *Crop Science*. 61(3): 1760-1772. **(ISI/Scopus, IF: 2.23; Wiley; Corresponding Author)**
24. Baby T., Das B., Ara A., Choudhury S., **Uddain J.** **2021**. Growth and Yield of Squash Influenced by Leaf Pruning and Gibberellic Acid (GA3). *International Journal of Plant & Soil Science* 33(1): 27-39. **(Google Scholar; SCIENCEDOMAIN international)**
25. Choudhury MAR, Mondal MF, Khan AU, Hossain MS, Azad MOK, Prodhan MDH, **Uddain J.** Rahman MS, Ahmed N, Choi KY, Naznin MT. **2021**. Evaluation of Biological Approaches for Controlling Shoot and Fruit Borer (*Earias vitella* F.) of Okra Grown in Peri-Urban Area in Bangladesh. *Horticulturae*. 7(1):7. <https://doi.org/10.3390/horticulturae7010007>**(ESCI/Scopus; Impact factor: 2.33; MDPI)**
26. Karim, M.N., Sani, M.N.H., **Uddain, J.**, Azad, M.O.K., Kabir, M.S., Rahman, M.S., Choi, K.Y., Naznin, M.T. **2020**. Stimulatory Effect of Seed Priming as Pretreatment Factors on Germination and Yield Performance of Yard Long Bean (*Vigna unguiculata*). *Horticulturae* 6, 104. <https://doi.org/10.3390/horticulturae6040104> **(ESCI/Scopus; Impact factor: 2.33; MDPI; Corresponding Author)**
27. Akter, MS., Sarkar, MR., Choudhury, S., Islam, N., **Uddain, J.** **2020**. Effect of postharvest

- treatments on shelf life and quality of litchi stored at ambient temperature. *Int. J. Postharvest Technology and Innovation*, 7(4): 319- 334. (**Scopus**)
28. **Uddain, J.**, Sreeramanan, S. 2020. Encapsulation-based a novel antibiotic selection technique for *Agrobacterium*-mediated genetic transformation of *Dendrobium* Broga Giant orchid. *Gene Reports*, 21 (2020) 100806, DOI: 10.1016/j.genrep.2020.100806 (**ISI/Scopus, IF: 0.72; Elsevier; First & Corresponding Author**)
29. Sani, MNH., Hasan, M., **Uddain, J.**, Sreeramanan, S. 2020. Impact of application of *Trichoderma* and biochar on growth, productivity and nutritional quality of tomato under reduced N-P-K fertilization. *Annals of Agricultural Sciences*.65(1):107-115 DOI: [10.1016/j.aogas.2020.06.003](https://doi.org/10.1016/j.aogas.2020.06.003) (**ISI/Scopus, IF: 3.25; Elsevier**)
30. Sani, MNH., Islam, N., **Uddain, J.**, Chowdhury, MSN., Sreeramanan, S. 2020. Synergistic effect of microbial and non-microbial biostimulants on growth, yield and nutritional quality of organic tomato. *Crop Science*. 60:2102–2114 DOI: [10.1002/csc2.20176](https://doi.org/10.1002/csc2.20176) (**ISI/Scopus, IF: 2.23; Wiley; Corresponding Author**)
31. Rasal-Monir, M., Sani, MNH., **Uddain, J.**, Modak, S., Biswas, S., Kabir, MH. 2020. Low-cost media is an alternative novel technique to regenerate *in vitro* *Gynura procumbens* (lour.) merr. inimitable medicinal plant. *Plant Cell Biotechnology and Molecular Biology* 21(15-16):12-22 (**ISI/Scopus, IF: 0.38; Society for Biology and Biotechnology**)
32. **Uddain J.**, Tripti SI, Shahjahan M, Sultana N, Rahman MJ, Sreeramanan S. 2019. Changes of Morphological and Biochemical Properties in Organically Grown Zucchini Squash (*Cucurbita pepo* L.). *Hort Sci.*, 54(9):1485–1491. (**ISI/Scopus, IF: 1.874; American Society for Horticultural Science**)
33. MD Sarker, MJ Rahman, **J Uddain**, M Quamruzzaman, RN Rojoni, S. Sreeramanan. 2019. Metal accumulation behavior of the weed species growing under soil cadmium stress. *Pak. J. Bot.*, 51(4): 1209-1214 (**ISI/Scopus, IF: 0.96; Pakistan Botanical Society**)
34. MJ Rahman, M Quamruzzaman, **J Uddain**, MD Sarkar, MZ Islam, Sreeramanan S. 2018.

- Photosynthetic Response and Antioxidant Content of Hydroponic Bitter Gourd as Influenced by Organic Substrates and Nutrient Solution. Hort Sci., 53 (9): 1314-1318 (**ISI/Scopus, IF: 1.874; American Society for Horticultural Science**)
35. Quamruzzaman, M., Rahman, M.J., **Uddain, J.**, Sarkar, M. D and S. Sreeramanan. 2018. Leaf gas exchange, reproductive development, physiological and nutritional changes of peanut as influenced by Boron. J Plant Interac., 13 (1): 306-314 (**ISI/Scopus, IF: 4.21; Taylor & Francis**)
36. MNH Sani, E Tahmina, MR Hasan, MN Islam, **J Uddain.** 2018. Growth and yield attributes of cauliflower as influenced by micronutrients and plant spacing. Journal of Agriculture and Ecology Research International 16 (1): 1-10 (**Google Scholar; SCIENCEDOMAIN international**)
37. MR Hasan, MNH Sani, E Tahmina, **J Uddain.** 2018. Growth and yield responses of cabbage cultivars as influenced by organic and inorganic fertilizers. Asian Research Journal of Agriculture 9 (3): 1-12 (**Google Scholar; SCIENCEDOMAIN international**)
38. Sohely Parvin, Md. Nasir Hossain Sani, Sourav Modak, Saleh Ahmed Shahriar and **J Uddain.** 2018. Efficacy of Different Organic Manures on Growth and Yield Performance of Organically Grown Tomato. Asian Journal of Advances in Agricultural Research, 8(4): 1-10 (**Google Scholar; SCIENCEDOMAIN international**)
39. Hasan, M.R., Tahsin, A.K.M.M., Islam, M.N., Ali, M.A and **Uddain, J.** 2017. Growth and Yield of Lettuce (*Lactuca Sativa L.*) Influenced As Nitrogen Fertilizer and Plant Spacing. IOSR-JAVS, 10(6): 62-71 DOI: 10.9790/2380-1006016271 (**Google Scholar; IOSR**)
40. **Uddain, J.**, Gnasekaran, P., Zakaria, L., Lynn C.B and S. Sreeramanan. 2015. The effect of different growth media, carbon source and PGRs on *Dendrobium* Broga Giant orchid Protocorm-like bodies (PLBs) proliferation supported with SEM and TEM analysis. Pak. J. Bot. 47(2): 587 – 593 (**ISI/Scopus, IF: 0.96; Pakistan Botanical Society**)

41. **Uddain, J.**, Zakaria, L., Lynn C.B and S. Sreeramanan 2015. Preliminary assessment on *Agrobacterium*-mediated transformation of *Dendrobium* Broga Giant orchid's PLBs. Emirates J. Food & Agric. 27(9): 669- 677 (**ISI/Scopus, IF: 1.06; College of Food and Agriculture, United Arab Emirates University, United Arab Emirates**)
42. Rahman,Z.A., Ramli, A., Hosni,H., Kamaruzaman, R., Seman, Z.A., Othman, A.N., Zainal, Z., **Uddain, J** and S Subramaniam. 2015. Efficient plant regeneration of Malaysian aromatic rice (*Oryza sativa* L.) through somatic embryogenesis. Emirates J. Food & Agric. 27(11): 857-863 (**ISI/Scopus, IF: 1.06; College of Food and Agriculture, United Arab Emirates University, United Arab Emirates**)
43. Islam, T., Bhattacharjee, B., Islam, S.M.S., **Uddain, J** and S. Sreeramanan. 2015. Axenic seed culture and *in vitro* mass propagation of Malaysian wild orchid *Cymbidium finlaysonianum* lindl. Pak. J. Bot., 47(6): 2361-2367 (**ISI/Scopus, IF: 0.96; Pakistan Botanical Society**)
44. Gnasekaran,P., Jessica Jeyanthi James Antony,J.J.J., **Uddain, J** and S. Sreeramanan. 2014. *Agrobacterium*-Mediated Transformation of the Recalcitrant *Vanda* Kasem's Delight Orchid with Higher Efficiency. The Scientific World J. 2014: 1- 10 (**ISI/Scopus, IF: 2.11; Hindawi**)
45. Julkiflee,A.L., **Uddain, J** and S. Sreeramanan. 2014. Efficient micropropagation of *Dendrobium* sonia-28 for rapid PLBs proliferation. Emirates J. Food & Agric.26(6): 545- 551 (**ISI/Scopus, IF: 1.06; College of Food and Agriculture, United Arab Emirates University, United Arab Emirates**)
46. Gnasekaran,P., Mustaffa,M.N., **Uddain, J** and S. Sreeramanan. 2014. Micromorphological analysis of *Aranda* Broga Blue orchid PLBs for *Agrobacterium*-mediated transformation system. Malaysian J. Microbiol. 10(3): 186-196 (**ISI/Scopus, IF: 0.48; Malaysian Society for Microbiology**)
47. **Uddain, J.**, Liton, M.M.U.A and Rahman, M.S. 2012. Organic Farming Practices on Different Kohlrabi (*Brassica oleraceae* var. *gongylodes*) Cultivars. Int. J. Bio-resource & Stress Manage.2(3): 284-288 (**Google Scholar**)

48. M.J. Hossian, M.R. Amin S.Choudhury and **J. Uddain**. 2011. Effect of Corm Size and Different Doses of Phosphorous on the Growth, Corm and Cormel Development of Gladiolus. Libyan. Agric. Res. Cen. J. Int., 2(1): 09- 14 [http://www.idosi.org/larcji/2\(1\)11/2.pdf](http://www.idosi.org/larcji/2(1)11/2.pdf) (**Google Scholar; IDOSI**)
49. Choudhury, S., M.R. Amin, A.K.M. Uddin and **J. Uddain**. 2010. India. Influence of bulb size and GA3 on bulb and bulblets production of tuberose. Int. J. Bio. & Stress Mang 1(3):180 – 183. (**Google Scholar**)
50. Ullah, M. H., **J. Uddain**, M. M. M. A. Syed, M. H. Uddin and M. A. Haque. 2010. Effect of different postharvest treatments during storage on physio-chemical changes and quality of banana cvs. amritasagar and mehersagar. Int. J. Sustain. Agril. Tech., 6(6): 10-16. (**Google Scholar**)
51. **Uddain, J.**, Q. A. Rayhan, M. G. Mostafa and M. A. Salam. 2010. Effect of different mulch material on growth and yield of tomato. Int. J. Sustain. Agril. Tech., 6(5): 22-27 (**Google Scholar**)
52. **Uddain, J.**, M.J. Rahman and M.G. Mostafa. 2010. Effect of Potassium on Growth, Yield and Shelf Life of Broccoli (*Brassica oleracia* Var. Botrytis) Cultivars. Journal of Horticultural Science and Ornamental Plants, 2(1): 01 – 07. [http://www.idosi.org/jhsop/jhsop1\(1\)09.htm](http://www.idosi.org/jhsop/jhsop1(1)09.htm) (**Google Scholar; IDOSI**)
53. **Uddain, J.**, Chowdhury. S and Rahman. M. J. 2010. India. Efficacy of different organic manures on growth and productivity of radish (*Raphanus sativus* L.). Int. J. Agric. Environ. & Biotech.,3(1): 1-5 www.ndpublisher.com (**Google Scholar**)
54. **Uddain, J.**, K.M. Akhter Hossain, M.G. Mostafa and M.J. Rahman. 2009. Effect of different Plant Growth Regulators on Growth and Yield of Tomato. International Journal of Sustainable Agriculture., 1 (3): 58-63. [http://www.idosi.org/ijsa/1\(3\)09/2.pdf](http://www.idosi.org/ijsa/1(3)09/2.pdf) (**Google Scholar; IDOSI**)
55. Solaiman, A.H.M, Hasanuzzaman, M and **Uddain, J.** 2009. Performance of Turnip (*Brassica rapa* sub sp. Rapifera) under different manuring package at mulched and non- mulched

condition. American-Eurasian Journal of Botany, 2(2): 62-68.

[http://www.idosi.org/aejb/1\(3\)08/3.pdf](http://www.idosi.org/aejb/1(3)08/3.pdf) (**Google Scholar; IDOSI**)

56. **Uddain, J.**, Solaiman, A.H.M and Hasanuzzaman, M. 2009. Plant characters and yield of kholrabi (*Brassica oleraceae* var. *gongylodes*) as affected by different organic manures. Journal of Horticultural Science & Ornamental plants, 1(1):01-04.
[http://www.idosi.org/jhsop/jhsop1\(1\)09.htm](http://www.idosi.org/jhsop/jhsop1(1)09.htm) (**Google Scholar; IDOSI**)
57. Mollah. M.D.A., Hossain. M.I., Rahman. M.J and **Uddain, J.** 2009. Effect of different mulching on growth and yield of Broccoli. Int. J.Sustain.Agril.Tech. 5(7): 48-54 (**Google Scholar**)
58. Rahman. M. J., **Uddain, J.** and Hamidullah. A.T.M.2009. Effect of foliar application of liquid organic fertilizer on growth and yield of Tomato. Bangladesh J. Agric. Environ., 5(2): 58-65.
(Google Scholar; Bangladesh Fertilizer Association)
59. Hossain. M. M., Rahman. M. J. and **Uddain, J.** 2008. Effect of spacing on growth and yield of Radish. J. sher. Agric. Univ., 2(2): 65-69. (**Google Scholar**)
60. **Uddain, J.**, Rahman. M. J. and Uddin. A.K.M.M. 2008. Effect of phosphorus on growth, yield and shelf life of Broccoli. J. sher. Agric. Univ., 2(2): 57-64. (**Google Scholar**)
61. Rahman, M.J., **Uddain, J** and Halim. 2007. Effect of Nitrogen and spacing on growth and yield of Stem Amaranth. J. Sher-e-Bangla Agric. Uiv., 1 (1):19-26. (**Google Scholar**)
62. **Uddain, J.** 2016. Agrobacterium mediated transformation of *Dendrobium* Broga Giant orchid. PhD thesis, School of Biological Sciences, Universiti Sains Malaysia.
63. **Uddain, J.** 2006. Effect of Phosphorus and Potassium on growth, yield and postharvest potential of broccoli. MS Thesis. Submitted to the Department of Horticulture, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh. pp.1-99.

Books:

1. **Uddain, J.** 2014. **Fertilizer management of Broccoli: Fertilizer management is the most important factor of Broccoli production and their postharvest potentiality.** LAP LAMBERT Academic Publishing, pp92 ISBN-10 : 3659287881; ISBN-13 : 978-3659287886

2. **Uddain, J et al. 2022. Fruit and vegetable cultivation-1, SSC/Dakhil (Vocational) Text Book.**

3. **Uddain, J et al. 2022. Fruit and vegetable cultivation-2, SSC/Dakhil (Vocational) Text Book.**

12. COMPUTER SKILL

- Excellent operational knowledge on Microsoft Office Software components such as MS Word, MS Power Point, and MS Excel Spreadsheet.
- Well verse in computational software such as **SPSS** and **MSTAT-C**.

13. Editorial Activities:

Editor in Chief of the Asian-Australasian Journal of Food Safety and Security, Ebu Press Ltd.

Reviewer:

HortScience (Q2); Agronomy Research (Q3); Horticulturae (Q2) and others

14. Specialist/Training Activities (more than 30):

1. **Horticulture specialist, Easy Export Series and Export Curriculum Enhancement, USAID - Feed the Future Bangladesh Trade Activity, International Development Group LLC.**
2. **Training to Department of Agricultural Extension (DAE) officers under several Projects.**
3. **“Increasing income of Farmers through Non-toxic vegetable and Moringa production and Marketing” value chain development sub-project. Under value-chain sub-project PACE project of PKSF.**

15. MS Thesis examiner: Seven (7) different Public universities

1. **Department of food engineering and Tea technology, Shahjala University of Science and Technology (SUST).**
2. **Discipline of Agro-technology, Khulna University (KU)**
3. **Graduate school representative, Banga Bhandu Shekh Mujibur Rahman Agricultural University (BSMRAU)**
4. **Department of Horticulture, Patuakhali Science and Technology University (PSTU)**
5. **Haji Mohammad Danesh Science and Technology University (HSTU)**
6. **Department of Biotechnology, Islamic University, Kustia (KIU)**
7. **Department of Agronomy and Extension, University of Rajshahi (RU)**

16. Question Preparation:

1. Prepared questions for the NTRCA (written) test for Lecturer in Agriculture.
2. Prepared questions for Diploma in Agriculture students.

17. **TV Presenting Experiences:**

1. **Horticulture Specialist, Deepto Krishi Jiggasa, Deepto TV. (More than 50 programs)**
2. **Horticulture Specialist, Gloval Krishi, Gloval TV (3)**
3. **Horticulture Specialist, Channel 24 (2)**

18. **EXPERIENCE IN IMPLEMENTING PROJECT/RESEARCH**

TITLE OF THE PROJECT/ RESEARCH ACTIVITY	DONOR/ SPONSOR	POSTION IN THE PROJECT	YEAR	
			FROM	TO
Prior Projects				
Influence of organic fertilizer on growth and yield of Tomato	Ministry of Science and Technology	Associate Investigator	2020-2021	
Influence of GA3 and seedling age on growth and yield of Tomato	Ministry of Science and Technology	Associate Investigator	2021-2022	
Effect of planting time and GA3 on growth and yield of Tomato	Ministry of Science and Technology	Associate Investigator	2022-2023	
Influencing of humic acid as a biostimulant on growth and quality yield of Onion by reducing nitrogen fertilizer	SAURES	Principle Investigator	2020-2021	
Ongoing Projects				
	জলবায়ু পরিবর্তন ট্রাস্ট ফান্ড	“ঢাকা শহরে জলবায়ু পরিবর্তন প্রশমন ও অভিযোজন ক্ষমতাসম্পন্ন ডুব সবুজ ছাদবাগান এবং সবুজ প্রাচীর নির্মাণ করে শহুরে তাপ ও কার্বন নিঃস্বরণ কমানোর পরিকল্পনা বাস্তবায়ন”	2024-2026	

TV Program:



Signature:

(Professor Dr Jasim Uddain)