

Curriculum Vitae

Name : Dr. Nasrat Jahan Shelly
Father's name : Md. Jahangir Mia,
Mother's name : Saleha Khatun
Date of birth : 01-01-1985
Place of birth : Baliakandi, Rajbari.
Nationality : Bangladeshi (by birth)
Permanent address : Vill:+P.O:+P.S: Baliakandi, District: Rajbari.



Present Address : Associate Professor, Dept. of Biochemistry and Molecular Biology, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka-1207.
Mobile : **01717450037**,
Email: **shely.sau302@gmail.com**
Marital Status : Married
Religion : Muslim (sunni)

Objective:

To obtain a position that focuses on teaching and to perform some contributory research works in the field of Biotechnology, Genetics and Plant Breeding, Biochemistry and Molecular Biology.

Current Employment:

Associate Professor (from 05.12.2020 to till date), Department of Biochemistry and Molecular Biology, Faculty of Agriculture, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh.

Previous Employment:

- **Assistant Professor (from 05.12.2013 to 04.12.2020)**, Department of Biochemistry and Molecular Biology, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh.
- **Lecturer (from 04.12.2011 to 04.12.2013)**, Department of Biochemistry and Molecular Biology, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh.
- **Research Fellow (01/ 08/2007 to 28/07/2011)**, National Mushroom Development and Extension Centre. Department of Agriculture Extension, Ministry of Agriculture, Dhaka, Bangladesh.

Research Interests:

In the field of Genetics and Plant Breeding, Biochemistry and molecular biology, Plant physiology, Food nutrition, mushroom production.

Award received:

- **“National Science and Information & Communication Technology (NSICT) Fellowship in 2008-2009 economic year”** for an excellent research work for M. S. Degree funded by Ministry of Science and Information & Communication Technology, Government of the People's Republic of Bangladesh.
- **“National Science and Technology (NST) Fellowship in 2017-2018 economic year”** for Phd Degree funded by Ministry of Science and Technology, Government of the People's Republic of Bangladesh.

Education:

Subject	Name of Degree	University	Country	Class	Passing Year
Genetics and Plant Breeding	PhD or Doctor of Philosophy in (Genetics and Plant Breeding)	Sher-e-Bangla Agricultural University	Bangladesh	CGPA : 3.91 (On a 4 Scale GPA)	2023
Biochemistry	Master of Science in Agriculture (Biochemistry)	Sher-e-Bangla Agricultural University	Bangladesh	CGPA : 3.96 (On a 4 Scale GPA)	2009
Agriculture	Bachelor of Science in Agriculture (Honours)	Sher-e-Bangla Agricultural University	Bangladesh	CGPA : 3.91 (On a 4 Scale GPA)	2006
Science	H.S.C	Baliakandi College (Dhaka Board)	Bangladesh	First Division, Marks Obtained: 75.00%	2002
Science	S.S.C.	Baliakandi Pilot Girl's High School (Dhaka Board)	Bangladesh	First Division, Marks Obtained: 72.00%	2000

Training received:

1. **“Curriculum Development, Teaching Methods, Learning Assessment and Self-Assessment Procedure”** conducted by Higher Education Quality Enhancement project, Sher-e- Bangla Agricultural University, Dhaka, Bangladesh. Duration: 11/04/2013-18/04/2013.
2. **“Teaching Methods and techniques”** conducted by the outreach Program, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh. Duration: 14/10/2012-16/10/2012.
3. **“Mushroom Cultivation”** organized by Mushroom Development Project, Directorate of Agricultural Extension, Ministry of Agriculture, Government Republic of Bangladesh. Duration: 09/03/2008-13/03/2008.

Memberships:

- Life Member of “Registered Graduate Association” of Sher-e-Bangla Agricultural University, Bangladesh.
- General Member of “Krishibid Institution”, Bangladesh.
- General Member of “Sher-e-Bangla Agricultural University Alumni Association”, Sher-e-Bangla Agricultural University, Bangladesh.

List of Publications:

Separate Sheet Attached

AS ASSOCIATE PROFESSOR

	Name of author(s) in the order they are printed underlining own name	Period & place of Research & specific contribution (*) of the applicant (in case of joint authorship)	Sponsoring authority (SAURES project No., if applicable)	Year and month of publication	Name of research article	Name and country of publication of the journal	Vol. and issue No.	Pages
1	2	3	4	5	6	7	8	9
1.	N. J. Shelly and K. U. Ahmed	March, 2022 to September, 2022 at Biochemistry and Agril-chemistry Lab. Planning, Data collection, analysis, write-up and editing	N/A	June 2024	Effects of Spent Mushroom Supplemented Soil on the Heavy Metal Contents of Some Green Leafy Vegetables	<i>Journal of Experimental Bioscience</i> , Bangladesh.	15(1)	105-110
2.	N.J. Shelly , M.S.R. Bhuiyan, F. Mahmud, J. Rahman and M.A. Alam	November 2019 to March 2020 at SAU research farm. Planning, Data collection, analysis, write-up and editing	N/A	June 2024	Characterization of Some <i>Brassica rapa</i> and Their F1 Genotypes for Morphological Traits	SAARC Journal of Agriculture, SAARC Countries.	22(1)	139-152
3.	N. J. Shelly , M. S. R. Bhuiyan, J. Rahman S. S. Zamil and M. M. Sumon	March, 2020 to September, 2021 at Biochemistry and Agril-chemistry Lab. Planning, Data collection, analysis, write-up and editing	N/A	August 2023	Comparative Study on the Oil Content and Fatty Acids Profile among Some <i>Brassica rapa</i> L. Genotypes	<i>International Journal of Bio-resource and Stress Management</i> , India.	14(8)	1175-1185
4.	N. J. Shelly , M. S. R. Bhuiyan, F. Mahmud and J. Rahman	November 2018 to March 2019 at SAU research farm. Planning, Data collection, analysis, write-up and editing	N/A	December 2023	Crossability Study Among Selected <i>Brassica rapa</i> for Developing Short Duration and High Yielding Genotypes	<i>Journal of Experimental Bioscience</i> , Bangladesh.	14(2)	45-52

5.	N. J. Shelly , M. S. R. Bhuiyan, F. Mahmud, J. Rahman and M. A. Alam	November 2019 to March 2020 at SAU research farm. Planning, Data collection, analysis, write-up and editing	N/A	December 2023	Variability and Heritability Study in Some Selected Genotypes of Rapeseed (<i>Brassica rapa</i> L)	<i>Bangladesh Journal of Agriculture, Bangladesh.</i>	48(2)	105-118
6.	N. J. Shelly , M. S. R. Bhuiyan, F. Mahmud, J. Rahman and M. A. Alam	November 2019 to March 2020 at SAU research farm. Planning, Data analysis, write-up and editing	N/A	July 2022	Correlation Coefficient and Path Coefficient Analysis in Different <i>Brassica rapa</i> Genotypes	<i>Journal of Sher-e-Bangla Agricultural University, Bangladesh</i>	13(1 & 2)	31-40

AS ASSISTANT PROFESSOR

	Name of author(s) in the order they are printed underlining own name	Period & place of Research & specific contribution (*) of the applicant (in case of joint authorship)	Sponsoring authority (SAURES project No., if applicable)	Year and month of publication	Name of research article	Name and country of publication of the journal	Vol. and issue No.	Pages
1	2	3	4	5	6	7	8	9
1.	Islam, S., Shelly, N. J. , Ahmed, K. U. and Chowdhury, S. R.	January 2017 to June 2017 at BIOC Lab of SAU and BARI Lab. Planning, Data analysis, write-up and editing	N/A	October 2020	Study on the Nutritional Composition of Oil Cakes of Different Released and Line Cultivars of Mustard and Rapeseed (<i>Brassica</i> spp.)	<i>International Journal of Bio-resource and Stress Management, India.</i>	11(5)	437-444
2.	Zinnah, M. A., Shelly, N. J. , Ahmed, K. U. and Nuruddin, M. M.	January 2018 to June 2018 at BIOC Lab of SAU and NAMDEC. Planning, Data analysis, write-up and editing	N/A	August 2020	Comperative Study on the Proximate Composition of Reishi Mushroom (<i>Ganoderma lucidum</i>) Grown on Different Sawdust Substrates	<i>International Journal of Advance Research and Innovative Ideas in Education, India.</i>	6(4)	1744-1754

3.	Islam, S., Shelly, N. J. , Hossain, A. and Ahmed, K. U.	January 2017 to June 2017 at BIOC Lab of SAU and BARI Lab, Planning, Data analysis, write-up and editing	N/A	January 2020	Study on the Fatty Acids Profile and Chemical Constants of Some Oil Seeds in Bangladesh	<i>Journal of Experimental Bioscience</i> , Bangladesh.	11(1)	55-62
4.	Nuruddin, M. M., Begum, A., Shelly, N. J. , Bhattacharjya, D. K., Paul, R. K. and Kabir, M. H.	January 2016 to June 2016 at BIOC Lab of SAU and NAMDEC, Planning, Data analysis, write-up and editing	N/A	January 2017	Effect of Different Sawdust Substrates on the Growth, Yield and Proximate Composition of White Oyster Mushroom (<i>Pleurotus ostreatus</i>)	<i>Bioresearch Communications</i> , Bangladesh	3 (1)	397-410

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Sl. No.	Name of author(s) in the order they are printed underlining own name	Period & place of Research & specific contribution (*) of the applicant (in case of joint authorship)	Sponsoring authority (SAURES project No., if applicable)	Year and month of publication	Name of research article	Name and country of publication of the journal	Vol. and issue No.	Pages
1	2	3	4	5	6	7	8	9
1.	M. Asadujjaman, N.J. Shelly , M. A. Islam and M. A. Hossain	April 2010 to September 2010 at Biochemistry and Molecular Biology Lab of Rajshahi University, Data analysis and write-up	N/A	January 2013	Analysis of Nutrient Contents in Conventional and Non-Conventional Feed Ingredients and Its Effects on Carp Polyculture Production	<i>Journal of Sher-e-Bangla Agricultural University</i> , Bangladesh	7(1)	36-42

2.	M. H. Rahman, K. U. Ahmed, N. J. Shelly , M. S. Rahman and K. M. Roksana	May to November 2009 at BIOC Lab of SAU and NAMDEC, Planning, Data collection and analysis, write-up	N/A	January 2013	Effect of chemical fertilizer supplements with rice straw on the proximate composition of oyster mushroom (<i>Pleurotus ostreatus</i>)	<i>International Journal of Sustainable Agricultural Technology</i> , Bangladesh	9(1)	75-78
3.	N. J. Shelly , K. U. Ahmed, M. H. Rahman and K. Kabir	January 2011 to July 2011 at BIOC Lab of SAU and NAMDEC, Planning, Data collection and analysis, write-up	N/A	January 2012	Performance of <i>pleurotus geesteranus</i> mushroom grown on different substrates	<i>Journal of Sher-e-Bangla Agricultural University</i> , Bangladesh	6(1)	13-17
4.	M.H. Rahman, K.U. Ahmed, T.S. Roy, N. J. Shelly and M.S. Rahman	May to November 2009 at BIOC Lab of SAU and NAMDEC, Planning, Data collection and writing	N/A	December 2012	Effects of Wheat Bran Supplements with Rice Straw on the proximate composition of oyster mushroom (<i>Pleurotus ostreatus</i>)	<i>Bangladesh Research Publications Journals</i>	7(4)	306-311
5.	M. Moonmoon, N. J. Shelly , M. A. Khan, M. N. Uddin, K. Hossain and S. Ahmed.	January 2010 to July 2010 at NAMDEC, Planning, Data collection and data analysis, write-up	NAMDEC	December 2010	Effects of different levels of wheat bran, rice bran and maize powder supplementation with saw dust on the production of shiitake mushroom (<i>Lentinus edodes</i> (Berk.) Singer).	<i>Saudi Journal of Biological Sciences</i> , King Saud University in collaboration with Elsevier, Saudi Arab.	18	323-328
6.	Nasrat Jahan Shelly , Saleh Ahmed, Abdus Salam Khan, Mahbuba Moonmoon, A. J.	July to October 2010 at NAMDEC. Planning, Data collection and data analysis, write-up.	NAMDEC	December 2010	Effects of Amount of Rice Straw on the Growth and Yield of <i>Pleurotus cystidiosus</i>	<i>Bangladesh Journal of Mushroom</i> , Bangladesh	4 (2)	09-14

	Kakon and Nirod Chandra Sarker							
7.	Mahbuba Moonmoon, Md. Nazim Uddin, Saleh Ahmed, Nasrat Jahan Shelly and Md. Asaduzzaman Khan	January 2010 to April 2010 at NAMDEC, Planning, Data collection and data analysis, write-up	NAMDEC	May 2010	Cultivation of different strains of king oyster mushroom(<i>Pleurotus eryngii</i>) on saw dust and rice straw in Bangladesh	<i>Saudi Journal of Biological Sciences</i> , King Saud University in collaboration with Elsevier, Saudi Arab.	17	341-345
8.	Nasrat Jahan Shelly , Md. Mustafizur Rahman, Mahbuba Moonmoon and Nirod Chandra Sarker.	January to April 2010 at NAMDEC. Planning, Data collection and data analysis, write-up	NAMDEC	June 2010	Performance of Different Species of Oyster Mushroom on Rice Straw.	<i>Bangladesh Journal of Mushroom</i> , Bangladesh	4 (1)	51-57
9.	Kamal Hossain, Abdus Salam Khan, Nasrat Jahan Shelly , A. J. Kakon and Nirod Chandra Sarker	October 2009 to March 2010 at NAMDEC. Planning, Data collection and analysis, write-up	NAMDEC	June 2010	Effect of Different Size and Shape of Spawn Packet on the Yield of Shiitake Mushroom (<i>Lentinus edodes</i>)	<i>Bangladesh Journal of Mushroom</i> , Bangladesh	4 (1)	27-31
10.	Abdus Salam Khan, Nasrat Jahan Shelly , A. J. Kakon and Nirod Chandra Sarker	July to October 2009 at NAMDEC, Planning, Data collection and data analysis, write-up.	NAMDEC	December 2009	Effect of Gibberilic Acid-3 on the Growth and Yield of <i>Pleurotus ostreatus</i>	<i>Bangladesh Journal of Mushroom</i> Bangladesh	3(2)	45-49

11.	Nasrat Shelly, S.M. Amin, Nuruddin, Ahmed Jebunnahar Khandakar. Jahan Ruhul M.M. K.U. and	January to March 2008 at BIOC Lab of SAU and NAMDEC, MS Thesis work	N/A	June 2009	Comparative Study on the Yield and Yield Related Attributes of Some Newly Introduced Strains of <i>Pleurotus cystidiosus</i> with <i>Pleurotus ostreatus</i> (PO ₂)	<i>Bangladesh Journal of Mushroom Bangladesh</i>	3 (1)	67-72
12.	Nasrat Shelly, S.M. Amin, Nuruddin, Ahmed Jebunnahar Khandakar. Jahan Ruhul M.M. K.U. and	January to March 2008 at BIOC Lab of SAU and NAMDEC, MS Thesis work	N/A	December 2008	Comparative Study on the Nutritional Composition of <i>Pleurotus ostreatus</i> (PO ₂) and Some Strains of <i>Pleurotus cystidiosus</i>	<i>Bangladesh Journal of Mushroom Bangladesh</i>	2(2)	89-94