Annexure-I

Application Form for Teaching Positions
(Part-Time/Contractual/Ad-hoc/Industry Experts & others)

Documents must be submitted with the form:

1. Two copies of passport size recent photographs.
2. Attested copies of all academic certificates, transcripts & other relevant certificates (if any).
3. Experience certificate (Attached).
4. List of publications.
5. NID Card Photocopy.
6. NOC for Part time Faculty and Industry Experts.

Instructions:

1. Incomplete or incorrect application will be rejected.
2. Extra rows can be added if necessary.
3. Any kind of persuasion will disqualify the candidate.
4. Applicants, who are currently employed, need to apply through proper channel**.**



Position applied for : Part Time Teacher

Department : Nutrition and Food Engineering

Major : Biochemistry, Molecular Biology, Nutrition, Analytical Chemistry. Cereal Chemistry, standards (ISO17025:2017)

Current position: Senior Scientific Oficer (SSO) and Quality Manager (QM) Grain Quality and Nutrition (GQN) and Rice Analytical Laboratory (RAL), Bangladesh Rice Research Institute (BRRI)

1. Personal Information:

SL.	Particulars	Detailed Information
1.	Name	Dr. Habibul Bari Shozib
2.	Father's name	Md. Abdul Bari
3.	Mother's name	Umme Habiba
4.	Date of birth	07/03/1980
5.	Age	45 years 10 Months and 24 days
6.	Gender	Male
7.	Mailing address	House no 86, Road no16, Uttara Sector 11, Dhaka 1230
8.	Contact number (s)	01924745991
9.	E-mail address	Shozib11@gmail.com
10.	Permanent address	51/A free School Street, Kathal Bagan, Dhanmondi Dhaka1205

Annexure-I

11.	Nationality	Bangladesh
12.	National ID number	3293699827
13.	Religion	Islam
14.	Marital status	Married
15.	Salary	As per DIU rules.

2. Educational Qualifications (Started from Higher Degree):

Certificate/Degree	Board/University	Group/Subject	Division/Class/CGPA	Passing year
S.S.C	Dhaka	Science	1st Division	1995
H.S.C	Dhaka	Science	1st Division	1997
B.Sc	Dhaka University	Biochemistry and Molecular Biology	2nd Class	2004
M.S.	Dhaka University	Biochemistry and Molecular Biology	2nd Class	2005
Ph.D.	Nagoya University, Japan	Medical Science	Grade A	2013

3. Academic Achievements (if any):

SL.	Description	Year
1	GCP (Generation Challenge Program) Fellowship	2007
2	Awarded Japanese Government Scholarship (Monbukagakusho)	2009
3	Champion award for best oral presentation in 3rd International Conference on Biotechnology in Health and Agriculture	2017

4. Professional Experiences (if any, started from last one):

SL.	Designation	Institution/Organization	From (Date) ------- To (Date)
1	Senior Scientific Officer & Deputy Program Manager (Deputation)	BP-ATC, BARC, Ministry of Agriculture (MoA)	July 2024 to June 2025

2	Senior Scientific Officer &Quality Manager (Additional Charge)	ISO17025:2017 standard Accredited Rice Analytical Laboratory (RAL), Bangladesh Rice Research Institute (BRRI), Gazipur	July 2022 to today
3	Senior Scientific Officer & Program Director (PD)	Accreditation scheme of BRRI Central Laboratory (BCL), BRRI, Ministry of Agriculture (MoA). (Deputation)	July 2019-June, 2022
4	Senior Scientific Officer (SSO)	Grain Quality and Nutrition (GQN) Division, Bangladesh Rice Research Institute (BRRI) Gazipur	23/09/2014 to till today
5	Researcher	Plant Biotechnology Laboratory, Department of Biochemistry and Molecular Biology, Dhaka University	20th October 2013 to 22nd September 2014
6	PhD Candidate	Cell Physiology Laboratory. Department of Cell Information Medicine. Nagoya University Graduate School of Medicine. Nagoya, Japan	October 2009 to September 2013
7	Senior Research Associate	Plant Biotechnology Laboratory, Department of Biochemistry and Molecular Biology, Dhaka University	April 2008 to September 2009
8	Visiting GCP Research Fellow	Crop Science and Environmental Science (CESD), IRRI, Philippines	September, 2007 – March, 2008
9	Research Associate	Plant Biotechnology Laboratory, Department of Biochemistry and Molecular Biology, Dhaka University	July 2006 to August 2007
10	Clinical Biochemist	Prime Diagnostic Laboratory Ltd. 36, Purana Paltan Line, VIP Raod Dhaka, Bangladesh. Contact 8313215, 9334060	November 2005 to June 2006

5. Professional Training/Conference/Workshop/Seminar (if any): Only few selected trainings are Attached

Annexure-I

SL.	Title/Topic	Name of the Institute	From (Date) --- To (Date)
1	Hands on Training on ELISA	GBA, Dhaka University	15/1/2025
2	GCP training workshop on Marker Assisted breeding for Bangladesh	Bangladesh Rice Research Institute (BRRI)	18-27 November, 2008
3	Identification of salt tolerant QTLs in the rice landrace, Boilam and their introgression into Farmer popular varieties	BAPTC&B, Botany, Dhaka University	11-13 April, 2008
4	Molecular characterization of inbred lines and heterogeneous population in maize	GCP and ICAR, Delhi,, India	1-3 April 2007
5	Scientific writing workshop	International Rice Research Institute (IRRI), Las Banos, Laguna, Philippines	25-28 September 2007
6	Analysis of Mixed Models Using CropStat	International Rice Research Institute (IRRI), Las Banos, Laguna, Philippines	20-22 November, 2007
7	Basic experimental design and data analysis using CropStat	International Rice Research Institute (IRRI), Las Banos, Laguna, Philippines	18-22 February 2008
8	Identifying salinity tolerant QTLs from Bangladeshi variety Boilam (GCP Fellow)	International Rice Research Institute (IRRI), Las Banos, Laguna, Philippines	7/9/2007-5/3/2008
9	Project development and management	BARC, Bangladesh	7-11 December. 2014
10	58th training programme of NITUB, on the use, maintenance and trouble shooting of HPLC	CARS, Dhaka University	10-15 October, 2015

11	Phytosanitary measures and food safety issues in Bangladesh	BARC, Bangladesh	7-8 June, 2015
12	Two months rice production and communication course	BRRI, Gazipur	29th February 2016 to 28th April, 2016
13	Training on biosafety and biosecurity	BBBS, DGHS	6-7 January 2017
14	Onsite training course on laboratory animal science for researchers responsible for the design or conduct of animal experiments according to AEEC guidelines of ICDDR,B	ICDDR,B Dhaka	21-25 July,2019
15	27th Assessor training course on ISO/IEC 17025:2017	Bangladesh Accreditation Board (BAB), Ministry of Industries (MoI)	7-11 March, 2021
16	General Post -harvest food safety and hygience	Sasskatchewan Food Development Center, Canada	18-19 October, 2023
17	Safe handling (Post harvest) practices	Sasskatchewan Food Development Center, Canada	30-31 October, 2023

6. Professional Award/Recognition/Honor (if any):

SL.	Name of the Award/ Recognition/Honor	Awarded by	Year
1	National Integrity Award (Shodrachar poruschar) 2019-20, BRRI for best scientific officer as an employee.	BRRI, Gazipur	2020
2	National Integrity Award (Shodrachar poruschar) 2021-22, BRRI for best scientific officer as an employee.	BRRI, Gazipur	2022

7. Language Proficiency:

SL.	Language	Reading	Writing	Speaking	Listening
1	Bangla	Excellent	Very Good	Good	Excellent
2	English	Excellent	Very Good	Good	Excellent
3	Japanese	Fair	Fair	Fair	Fair
4	German	Fair	Fair	Fair	Fair

8. Computer and Other Skills (if any):

SL.	Detailed Information
1	Diploma in IT Management from NIIT Beximco System, Dhaka

9. Publications in National/International Journals (if any):

SL.	Title with Author(s)	Journal, with Vol. Number, PP, Year of Publication and Country
1	*Exogenous ethylene for uniform mango ripening in low-cost ripening chamber* Chowdhury, M. G. F., Islam, R., Khan, M. H. H., Shozib, H. B., Molla, M. M., Kabir, M. S., Khatun, A.	Asian-Australasian Journal of Food Safety and Security, 9(2), 57–66, 2025. DOI: DOI:10.3329/aajfss.v9i2.85299
2	*Effect of Degree of Milling (DOM) on Physicochemical and Nutritional Quality of Selected Rice Variety (BRRI dhan78)*. Akter, S., Begum, R., Dipti, S. S., Alim, M. A., Shuchy, S. I., Shozib, H. B., Hasan, M. R.	International Journal of Food Science, 28 June 2025. **doi.org/10.1155/ijfo/6034633**
3	*The Nutraceutical Characterization of High-Yielding Rice Varieties* Shozib, H. B., Islam, M. M.	Food Chemistry Advances, FOCHA_100984, Accepted 16 Apr 2025. https://doi.org/10.1016/j.focha.2025.100984
4	*Comparative study on nutritional composition of small and large size Tenualosa ilisha of Meghna River* — Alam, S., Islam, M. H., Sarwar, S., Akhter, K. T., Shozib, H. B., Moniruzzaman, M., Shaheen, N.	Food Chemistry Advances, FOCHA_100973, 2 Apr 2025 https://doi.org/10.1016/j.focha.2025.100973

5	*Flavonoids, Breast Cancer Prevention, and Its Treatment: A Growing Evidence* Akanda, M. R., Jafrin, S., Islam, S. A., Hosen, S., Islam, M. M., Islam, N., Shozib, H. B.	Journal of Cancer and Tumor International, 15(1), 38–59, 2025. DOI: 10.9734/jcti/2025/v15i3303
6	*Phenotyping of quinoa genotypes for morphological, yield and nutritional traits*. Naim, J., Khatun, S. M., Das, B., Mim, M. H., Akter, S., Shakil, M. R., Shozib, H. B., Toderich, K., Hossain, M. A.	Phyton-International Journal of Experimental Botany, 93(12), 3443–3463, 2024. DOI: https://doi.org/10.32604/phyton.2024.058786
7	*Rhizoengineering with biofilm producing rhizobacteria ameliorates oxidative stress in tomato* — Haque, M. M., Rupok, M. R. B., Molla, A. H., Rahman, M. M., Shozib, H. B., Mosharaf, M. K.	Heliyon, 10(14), e34276, 2024. DOI: **10.1016/j.heliyon.2024.e34276**
8	*Role of Trichoderma asperelloides and T. brevicompactum in improving drought tolerance in rice* — Quazi, S. A. J., Ferdous, J., Shozib, H. B., Khaton, A., Zaidi, N. W.	Plant Stress, 12, 100457, 2024. DOI: **10.1016/j.stress.2024.100457**
9	*Functional evaluation of fermented rice bran and extracted rice bran oil* — Alauddin, M., Sultana, A., Faruque, M. O., Islam, F., Kabir, M. A., Shozib, H. B., Siddiquee, M. A., Howlader, Z. H.	Journal of Oleo Science, 73(4), 467–477, 2024. **DOI: 10.5650/jos.ess23192**
10	*Augmentation of physiology and productivity, reduction of lead accumulation in lettuce* — Roy, J., Rahman, A., Mosharaf, M. K., Hossain, M. S., Talukder, M. R., Ahmed, M., Haque, M. A., Shozib, H. B., Haque, M. M.	Chemosphere, 360, 142418, Jul 2024. DOI: **10.1016/j.Chemosphere.2024.142418**
11	*Variation of major nutrient composition of HYVs due to parboiling and polishing* — Akhter, K. T., Shozib, H. B., Islam, M. H., Sarwar, S., Islam, M. M., Akanda, M. R., Siddiquee, M. A., Mohiduzzaman, M., Rahim, A. T. M. A., Shaheen, N.	Foods, 12(21), 3997, 2023. DOI: **10.3390/foods12213997**
12	*Variability in 2-acetyl-1-pyrroline production and BADH2 mutations in aromatic rice* — Rayhan, M. U.,	Gene Reports, 33, 101847, Dec 2023. DOI: **10.1016/j.genrep.2023.101847**

	Shozib, H. B., Azam, F. M. S., Islam, T.	
13	*Halotolerant biofilm-producing rhizobacteria mitigate seawater-induced salt stress in tomato* — Haque, M. M., Biswas, M. S., Mosharaf, M. K., Haque, M. A., Islam, M. S., Nahar, K., Islam, M. M., Shozib, H. B., Islam, M. M., Elahi, F.	Scientific Reports, 12, 5599, 2022. DOI: **10.1038/s41598-022-09519-9**
14	*Functional profiling and future research direction of rice bran oil in Bangladesh* — Sultana, A., Zinnah, M., Shozib, H. B., Howlader, Z., Alauddin, M.	Journal of Oleo Science, 70(11), 1551–1563, 2021. DOI: **10.5650/jos.ess21212**
15	*Formulation of rice-based low-cost balanced diet for malnourished children* — Jahan, S., Mahmud, S. A. S., Haq, I., Siddiquee, M. A., Shozib, H. B.	Acta Scientific Nutritional Health, 5(7), 97–106, Jun 2021. DOI: **10.31080/ASNH.2020.05.0899**
16	*Application of Cyanidin-3-Glucosides in rice-based bakery products* — Shozib, H. B., Islam, M. M., Mahmud, S. A. S., Bari, M. N., Akter, N., Jahan, S., Hosen, S., Hossain, M. N., Nabi, A. H. M. N., Siddiquee, M. A., Haque, M. M.	Saudi Journal of Biological Sciences, Aug 2021. **DOI: 10.1016/j.sjbs.2021.08.042**
17	*Characterization of antioxidant properties of common spices* — Khatun, M., Shozib, H. B., Yamaguchi, T., Takamura, H., Matoba, T.	EC Nutrition, 16(6), 2021
18	*Grain quality research of rice for ensuring nutritional food security* — Shozib, H. B., Siddiquee, M. A., Rahman, N. M. F., Mamun, M. A. A., Sarkar, M. A. R., Rabbi, S. M. H. A., Salam, M. U., Kabir, M. S.	Bangladesh Rice Journal, 24(2), 2020
19	*Doubling rice productivity in Bangladesh: A way to achieving SDG* — Kabir, M. S., Salam, M. U., Islam, A. K. M. S., Sarkar, M. A. R., Mamun, M. A. A., Rahman, M. C., Nessa, B., Kabir, M. J., Shozib, H. B., Hossain, M. B., Chowdhury, A.	Bangladesh Rice Journal, 24(2), 2020
20	*Biofilm producing rhizobacteria with multiple plant growth-promoting traits promote growth of tomato under water-deficit stress* . Haque, M. M., Mosharaf, M. K., Khatun, M., Haque, M. A., Biswas, M. S., Islam, M. S., Islam, M.	Frontiers in Microbiology, 11:542053, 2020. **DOI: 10.3389/fmicb.2020.542053**

	M., Shozib, H. B., Miah, M. U., Molla, A. H., Siddiquee, M. A.	
21	*Hypercholesterolemia ameliorating effect of Bangladeshi high yield variety rice bran oil* — Rahman, M. A., Ferdous, J., Hosen, S., Hasan, M., Parvin, A., Shozib, H. B.	International Journal of Advanced Biological and Biomedical Research, 9(1), 48–57, 2020
22	*Bio-physicochemical study for glutinous and nonglutinous rice with genetic diversity of Bangladeshi rice germplasm* Ferdous, N., Howlader, M. Z. H., Biswas, S. K., Rahman, M. A., Hosen, S., Shozib, H. B., Sarkar, T. K., Haque, M. A., Siddiquee, M. A.	IJRDO - Journal of Biological Science, 6(3), 1–15, Mar 2020
23	*Use of Zn enriched rice byproduct as Zn fertilizer* — Nath, B. C., Bhuiyan, M. G. K., Haque, M. M., Chanda, D., Rahman, M. A., Shozib, H. B.	Journal of Agricultural Engineering (IEB), 42(2), 59–62, Sep 2019
24	*Genetic Diversity and Nutritional Components Evaluation of Bangladeshi Germplasms of Kidney Bean (Phaseolus vulgaris L.)* Fatema, R., Rahman, J., Shozib, H. B., Nazrul, M., Fatima, K.	J Genet Resour, 5(2), 83–96, 2019 **DOI:10.22080/JGR.2019.2361**
25	*Physicochemical and cooking properties of short grain aromatic kalijira rice cultivars in Bangladesh* Shozib, H. B., Hosen, S., Hasan, M. M., Sayed, M. A., Das, S. C., Alam, M. S., Bhuiyan, A., Jahan, S., Siddiquee, M. A.	Biores Comm, 5(1), 659–669, 2019 **https://www.bioresearchcommunications.com/index.php/brc/article/view/76**
26	*Post-harvest loss minimization of rice bran for quality bran oil production in Bangladesh* Haque, M. A., Sayed, M. A., Alam, M., Jahan, S., Shozib, H. B.	EC Nutrition, 13(11), 667–675, 2018
27	*Energy dense rice biscuit formulation to improve malnutrition status of urban street children in Bangladesh* — Shozib, H. B., Mahmud, S. A. S., Siddiquee, M. A.	J Food Nutr Health, 1(1), 16–19, 2018 **DOI:10.35841/food-nutrition-health.1.1.16-19**
28	*Nutraceutically Enriched Rice-Based Food to Mitigate Malnutrition in Bangladesh* — Shozib, H. B., Mahmud, S. A. S., Amin, R. B., Hossain, M. N., Biswas, J. K., Timsina, J., Ali, M. A., Siddiquee, M. A.	EC Nutrition, 13(5), 240–249, 2018
29	*Nutritional Properties of Some BRRI*	Vitam Miner, 7(1), 174, 2018. DOI:

	HYV Rice in Bangladesh — Shozib, H. B., Jahan, S., Sultan, M. Z., Alam, S., Das, S. C., Amin, R. B., Hasan, M. M., Malo, R., Siddiquee, M. A.	10.4172/2376-1318.1000174
30	*Study of biochemical and cooking quality traits of major rice varieties of Bangladesh* — Shozib, H. B., Hossain, M. M., Jahan, S., Alam, M. S., Das, S. C., Alam, S., Amin, R. B., Hasan, M. M., Malo, R., Islam, M. R., Shekhar, H. U., Siddiquee, M. A.	Malays. Appl. Biol., 46(4), 55–62, 2017 **DOI:10.13140/RG.2.2.19961.16481**
31	*Prospects of Bangladeshi antioxidant enriched HYV rice and its bran oil* — Siddiquee, M. A., Shozib, H. B., Jahan, S.	Proc. 4th Int. Conf. on Rice Bran Oil **(ICRBO 2017), 24–25 Aug 2017**
32	*Mineral profiling of HYV rice in Bangladesh* — Shozib, H. B., Jahan, S., Das, S. C., Alam, S., Amin, R. B., Hasan, M. M., Malo, R., Siddiquee, M. A.	Vitam Miner, 6:164, 2017. DOI: 10.4172/2376-1318.1000164
33	*Salinity tolerance QTL mapping from Coastal Aus Landrace Boilam* — Shozib, H. B.	IOSR Journal of Biotechnology and Biochemistry, 3(6), 30–35, 2017. DOI: 10.9790/264X-03063035
34	*BRRI dhan31 generate elevated level of bioactive component, γ-aminobutyric acid (GABA) at pre-germinated brown rice condition* — Siddiquee, M. A., Jahan, S., Kabir, Y., Shozib, H. B.	Int. J. Sci. Res., 6(7), 511–513, 2017
35	*In vivo screening for low glycemic index (GI) rice varieties in Bangladesh* — Shozib, H. B., Bhowmick, S., Jahan, S., Siddiquee, M. A.	Biojournal of Science and Technology, Vol. 5, Article m170001, 2017
36	*Grain quality evaluation and comparative analysis of physicochemical properties of traditional cultivars and HYV Aman rice varieties in Bangladesh* — Hosen, S., Jahan, S., Rahman, M. M., Siddiquee, M. A., Shozib, H. B.	Biojournal of Science and Technology, Vol. 5, Article m160004, 2017
37	*Characterization of grain quality of selected Aus landraces in Bangladesh* Hosen, S., Rahman, M. A., Jahan, S., Siddiquee, M. A., Shozib, H. B.	Int. J. Sustain. Agril. Tech., 12(11), 07–13, 2016
38	*Physicochemical and cooking quality of selected traditional Boro rice varieties of Bangladesh* — Hosen, S., Ullah, M.	Int. J. Sustain. Agril. Tech., 12(11), 01–06, 2016

	R., Jahan, S., Siddiquee, M. A., Shozib, H. B.	
39	*Dietary administration of rice in improving the antioxidant status in Long-Evans Rat* — Shozib, H. B., Jahan, S., Bhowmick, S., Hoque, F., Chakma, D., Hosain, M., Faruque, M. O., Rahman, M. S., Siddiquee, M. A.	Biojournal of Science and Technology, 2:1–7, 2015
40	*Biofilm producing rhizobacteria with multiple plant growth-promoting traits promote growth of tomato under water-deficit stress* — Haque, M. M., Mosharaf, M. K., Khatun, M., Haque, M. A., Biswas, M. S., Islam, M. S., Islam, M. M., Shozib, H. B., Miah, M. U., Molla, A. H., Siddiquee, M. A.	Frontiers in Microbiology, 11:542053, 2020. **DOI: 10.3389/fmicb.2020.542053**
41	*Comparative study on physicochemical properties of some HYV and local aman cultivars in Bangladesh* — Hosen, S., Siddiquee, M. A., Jahan, S., Ferdous, N., Shozib, H. B.	Int. J. Sustain. Agril. Tech., 11(2), 1–5, 2015
42	*Physicochemical Properties and Minerals Contents of BRRI High Yielding Varieties of Rice* S.K. Singh, N.U. Miah, M.M. Amin, H.B. Shozib and H. Islam	The Agriculturists 19(1&2):01-11(2021) ISSN 2304-7321 (Online), ISSN 1729-5211 (Print)
43	*Genotypic and phenotypic relatedness of a farmer-discovered variant with high-yielding rice growing in the same field* — Elias, S. M., Begum, R., Rahman, M. S., Ferdouse, A., Shozib, H. B., Ali, M. M., Seraj, Z. I.	Plant Syst Evol., Online 4 Jun 2014. DOI: **10.1007/s00606-014-1085**
44	*Spatial analysis of slowly oscillating electric activity in the gut of mice using low impedance arrayed microelectrodes* Taniguchi, M., Kajioka, S., Shozib, H. B., Sawamura, K., Nakayama, S.	PLOS ONE, Oct 2013. DOI: **10.1371/journal.pone.0075235**
45	*Acceleration of Ileal Pacemaker Activity in Mice Lacking Interleukin-10* — Shozib, H. B., Suzuki, H., Iino, S., Nakayama, S.	Inflamm Bowel Dis., 19(8), 1577–1585, Jul 2013. **DOI: 10.1097/MIB.0b013e31828eedf5.**
46	*Bacteriological analysis of cultured Tilapia and the rearing water* — Shozib, H. B., Chowdhuary, E. K., Alim, S. R.	Dhaka Univ. J. Biol. Sci., 16(2), 143–147, Jul 2007
47	*Association of potential bacteria in the*	Dhaka Univ. J. Biol. Sci., 16(2), 161–164, Jul

	intestine and kidney of some fresh water fishes available at the local market of Dhaka city — Ahmed, S., Shahnaz, S., Shozib, H. B., Chowdhuary, E. K., Alim, S. R.	2007
48	*Evaluation of prostate specific antigen levels in sera of patients with prostate diseases using ELISA* — Uddin, M. N., Mohammad, A. U., Shozib, H. B., Tazib, T., Masum, N., Rahman, A. S. M., Gomes, D. J.	Bangladesh Journal of Medical Science, 12(2), 98–102, Sep 2006
49	*Changes in physiological properties of soybean oil under various conditions* — Uddin, M. N., Shibib, B. A., Mohammad, A. U., Tazib, T., Ahsan, R., Shozib, H. B., Masum, N., Gomes, D. J.	Bangladesh Journal of Medical Science, 12(1), 28–34, Mar 2006
50	*Physicochemical properties of Aus cultivars in Bangladesh* — Hosen, S., Siddiquee, M. A., Jahan, S., Alam, M. S., Hoque, F., Bhowmick, S., Ferdous, N., Shozib, H. B.	Biores Comm., 2(1), 200–204, 2016. https://www.bioresearchcommunications.com/index.php/brc/article/view/146
51	*Progress of healthier rice development in Bangladesh: A review* — Kamruzzaman, M., Shozib, H. B., Kader, M. A., Iftekharuddaula, K. M., Rahman, M. A., Lipi, L. F., Khan, M. A. R., Kabir, M. S.	Journal of Food Composition and Analysis, 139, 2025. **DOI: 10.1016/j.jfca.2024.107082**
52	*Rice bran and rice bran oil production perspective in Bangladesh: a review* — Nath, B., Shozib, H. B., Paul, H., Omar, M. I., Haque, M. A., Paul, S., Bhuiyan, M. G. K., Ahmmed, M. M.	Science of Food and Agriculture, 26 Dec 2024. **DOI: 10.1002/jsfa.14104**
53	*Potential Benefits of Bioactive Compounds of Traditional Rice Grown in South and South-East Asia: A Review* Dewan, M. F., Ahiduzzaman, M., Islam, M. N., Shozib, H. B.	Rice Science, 30(6), 537–551, 2023. DOI: **10.1016/j.rsci.2023.07.002**
54	*Functional profiling and future research direction of rice bran oil in Bangladesh* Sultana, A., Zinnah, M., Shozib, H. B., Howlader, Z., Alauddin, M.	Journal of Oleo Science, 73(4), 467–477, 2022. **DOI: 10.5650/jos.ess23192**
55	*Editorial Notes on Vitamins & Minerals* Shozib, H. B.	Vitam Miner, 6:4, e151, 2017. DOI: **10.4172/2376-1318.1000e151**
56	*Editorial on Nutraceutical properties of Bangladeshi rice varieties* — Shozib, H.	Vitam Miner, 7:4, 175, 2018 DOI:10.4172/2376-1318.1000e152

	B.	

10. Publication of Book(s) (if any):

SL.	Title of the Book	Publisher	Year
1	Post-harvest loss minimization of rice bran for quality rice bran oil.	BRRI publication no. 261	**2018**
2	Detection and quantification of heavy metals and toxins in rice bran related product: Use of spent bleaching earth as fertilizer.	BRRI publication no. 278	**2019**
3	Trends in Biochemistry and Molecular Biology, Chapter 5, Pages 111-126	Nova Science Publishers, USA	2019
4	Doubling Rice Productivity, Chapter 5	BRRI publication no. 316	2020
5	Current Perspective of Agriculture and Food Science	B P International	2023

11. Publications in National and International Conference/Seminar (if any):

SL.	Title of the Paper with Author(s)	Name of the Proceedings, PP, Year and Country
1	Black Rice as a Synthetic Biology Chassis: Linking Anthocyanidin Pathways to Cancer and Inflammation Management. Habibul Bari Shozib	11th International Plant Tissue Culture & Biotechnology Conference Proceedings, 24-26 January 2026, Bangladesh. (Invited Speaker & Abstract 106)
2	Aspects of nutraceutical properties of BRRI HYVs in nutritious rice value chains and one health concept. Habibul Bari Shozib and Md. Shahjahan Kabir[2]	6th International Rice Congress, 16-19 October, 2023, Manila, Phillilipines
3	Advanced nutraceutical research activities of BRRI to mitigate malnutrition of the Bangladeshi population: Rice and Nutrition Habibul Bari Shozib	5th International Conference on Biotechnology in Health and Agriculture (ICBHA) 2023 "Biotechnology for sustainable development in Agriculture, Environment and Health" Organized by GNOBB, BBBS and FABA, 1 - 3 September 2023, Dhaka University, Bangladesh
4	Nutraceutically Enriched Rice Based Food to Mitigate Malnutrition in Bangladesh. Theme: Pathways to health and nutrition. Habibul Bari Shozib and Muhammad Ali Siddiquee	5th International Rice Congress (IRC), 2018, 17-19 October 2018, Singapore.

5	Microelectrode analysis of gut pacemaker activity in the mice lacking IL-10. Habibul B Shozib , Haruhiko Suzuki, Shinsuke Nakayama	Physiology 2012, Edinburgh International Conference Centre, 2 to 5 July 2012. United Kingdom (UK)

12. Supervision of Theses/Projects (if any): MS Thesis (17) and PhD Thesis (1)

SL.	Academic Program	Title	Awarding Year
1	MS in Biochemistry and Molecular Biology, Tejgoan College, National University	Dietary administration of rice in improving the antioxidant status in Long-Evans Rat. MS Thesis of Farzana Hoque (Reg. No: 11329089126)	2016
2	MS in Biochemistry and Molecular Biology, Tejgoan College, National University	Screening of lead uptake in Bangladesh rice varieties for Aman season. MS Thesis of Md. Shahin Alam (Reg. No: 11329089105)	2016
3	MS in Biochemistry and Molecular Biology, Tejgoan College, National University	In vivo screening for low glycemic index (GI) rice varieties in Bangladesh. MS Thesis of Shourab Bhoumik (Reg. No: 12329114742)	2016
4	MS in Biochemistry and Molecular Biology, Tejgoan College, National	Investigation of physicochemical properties of rice germplasm. MS Thesis of Md. Faisal Noor (Reg. No: 12329114735)	2016
5	MS in Biochemistry and Molecular Biology, Dhaka University	Physicochemical and functional characterization of selected HYV BRRI rice varieties. MS Thesis of Md. Mobarok Hossain	2016
6	MS in Biochemistry and Molecular Biology, Tejgoan College, National	Screening of cadmium uptake in Bangladesh rice varieties for Aman season. MS Thesis of Rifat Bin Amin (Reg. No: 133299101576)	2017
7	MS in Biochemistry and Molecular Biology, Tejgoan College, National University	Mineral profiling of HYV rice in Bangladesh. MS Thesis of Suman Chandra Das (Reg. No: 5155542)	2018
8	MS in Biochemistry and Molecular Biology, Tejgoan College, National University	Physicochemical properties of small grain aromatic Kalijira rice varieties. MS Thesis of Mahedi Hasan (Reg. No: 5155530)	2018
9	MS in Biochemistry and Molecular Biology, Tejgoan College, National University	Nutritional Properties of Some BRRI HYV Rice in Bangladesh. MS Thesis of Samsul Alam (Reg. No: 5155540)	2018

10	MS in Biochemistry and Molecular Biology, Shahjalal University of Science and Technology	Post harvest loss minimization of rice bran to attain good quality rice bran oil. MS Thesis of Md. Abu Sayed (Reg. No: 2015423008)	2018
11	MS in Biochemistry and Cell Biology, Bangladesh University of Health Sciences	Study of glycemic index (GI) and NEFA status of energy dense rice biscuits. MS Thesis of Sultan Abu Saleh Mahmud (ID: 01201152005)	2018
12	MS in Biotechnology, North South University	Estimation of antioxidant contents of 20 different pigmented rice ethanolic extracts. MS Thesis of Tasmiah Binte Sayeed (ID: 1915464670)	2020
13	MS in Biotechnology, North South University	In vivo screening of glycemic index analysis of local cultivars of rice species. MS Thesis of Md. Rafiul Islam Sarker (ID: 1815540670)	2020
14	MS in Seed Technology, Institute of Seed Technology	Variability, character association and study of quality characteristics of 10 F9 Aus rice. MS Thesis of Shifullah Mahmud (Reg. No: 12-04765)	2020
15	MS in Biochemistry and Molecular Biology, Shahjalal University of Science and Technology	Comprehensive Antioxidant and Nutraceutical Profiling of Black Rice, MS thesis of Saykat Dey Sonatan (2022423003**)**	2025
16	MS in Biochemistry and Molecular Biology, Shahjalal University of Science and Technology	Developmental Dynamics of Anthocyanin Biosynthesis and Its Association with Growth and Yield in Black Rice MS thesis of Mir Sultanul Arafin Reg: 2022423007	2025
17	MS in Biochemistry and Molecular Biology, Shahjalal University of Science and Technology	Development of DSS-Induced Colitis BALB/c Mice Models by Analyzing Tissue-Specific Inflammatory Gene Expression, Histopathology Assays, and Gut Microflora MS thesis of Kazi Md. Shihabul Islam Reg: 2022423014	2025
18	PhD in Biochemistry and Molecular Biology, Dhaka University.	Determination of Anthocyanin Content, Their Antioxidant and Anticarcinogenic Properties and Expression of Anthocyanin Biosynthetic Pathway Genes in Pigmented Traditional Rice Cultivars of Bangladesh. PhD thesis of Shakir Hosen Reg No. 136/2017-18	2025

13. Professional Body Membership/Fellowship/Other Noteworthy Affiliations (if any):

Annexure-I

SL.	Description	Year
1	Associate Member, Bangladesh Botanical Society (BBS).	2019
2	Life Member, Bangladesh Association of Plant Tissue Culture and Biotechnology (BAPTC&B).	2018
3	Life Member, GNOBB (Global Network of Bangladeshi Biotechnologists),	2015
4	EC member of GNOBB (Global Network of Bangladeshi Biotechnologists) for 2016-2018	2016-2018
5	Life Member of Bangladesh Association of Plant Tissue Culture and Biotechnology	2008
6	EC Member of Bangladesh Association of Plant Tissue Culture and Biotechnology	2023-25
7	Member of Editorial Board, Journal of Bangladesh Plant Tissue Culture and Biotechnology	2023-25
8	Life Member, Bangladesh Biosafety and Biosecurity Association (BBBA).	2020
9	Member of Editorial Board, Journal of Vitamins and Minerals (ISSN: 2376-1318), Halaris SRL publisher USA.	2018

14. Other Necessary Information (if any):

Alhamdulillah, I was assigned to build up the Central laboratory facilities of BRRI as Program Director (additional charge) from 2019 to 2022. Soon after successfully completion of the laboratory facilities named Rice Analytical Laboratory (RAL) then I was again assigned as Quality Manager of RAL for accreditation. Alhamdulillah RAL got accredited ISO17025:2017 for testing laboratories for heavy metal and mycotoxins detection in rice grain on 24th November 2025.
-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://objectstorage.ap-dcc-gazipur 1.oraclecloud15.com/n/axvjbnqprylg/b/V2Ministry/o/office-bab/2024/12/e754adae236f43719b3c72f3f4726234.pdf
খাদ্য নিরাপত্তা ও নিরাপদ খাদ্য উৎপাদনে বাংলাদেশ ধান গবেষণা ইনস্টিটিউটের ভিশন ২০৫০ Channel i by Shaiek Seraj. https://www.youtube.com/watch?v=IqT8O4JcZ_g

Alhamdulillah. Serving as a Volunteer Molecular Biologist in setting up RTPCR laboratory facilities in several medical hospitals, training medical professionals including doctors, technicians, and students during the COVID-19 pandemic in Bangladesh from March 2020 to June 2020 as frontliner. https://bangla.bdnews24.com/bangladesh/article1762063.bdnews?fbclid=IwAR3V8nLDRXGqdU5ZiFSxDILTK3D3PDK0Eah_r_a8Zsj8KH6NFbR9-HqdeLo

Annexure-I

15. Name with affiliations, telephone numbers and email addresses of two referees who are not related to the applicant:

	Reference 1	**Reference 2**
Name	**Dr. Zeba Islam Seraj, PhD.**	**Dr. Munnujan Khanam**
Designation	**UGC Professor (Current)** **Professor (Retired)**	**Director (Admin & Common Services) and Laboratory Director of RAL**
Organizations	**Department of Biochemistry and Molecular Biology, Dhaka University**	**Bangladesh Rice Research Institute (BRRI)**
Mobile	**+8801711595576**	**+8801926255091**
Email Address	**zebai@du.ac.bd**	**munnujan_khanam@yahoo.com**

I hereby confirm that all the information provided in my application is accurate, complete, and truthful to the best of my knowledge and belief. I have not hidden any relevant details or misrepresented any information. I understand that if at any point it is discovered that I have concealed or misrepresented any information or provided false statements, my application/appointment may be rejected or terminated without prior notice or compensation.

Name : Dr. Habibul Bari Shozib

Signature of the Applicant : Shoib

Date : 3.2.2026

Remarks (For Official Use Only)	
Head of the Department	
Dean of the Faculty	

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