

1. Photo of the candidate:



2. Name : DILRUBA YESMIN

3. Title of the study : STATUS OF BLACK POINT DISEASE OF WHEAT AND ITS ECO-FRIENDLY MANAGEMENT WITH BOTANICAL EXTRACTS IN NORTHWESTERN REGION OF BANGLADESH.

4. Supervisor : Dr. Prof. Abul Kalam Azad, Institute Of Environmental Science, University of Rajshahi, Rajshahi. Akazad_ies@yahoo.com, Mob: Cell: +88 017-141541

5. Co-Supervisor : Dr. Prof. F. M. Aminuzzaman, Department of Plant Pathology, Faculty of Agriculture, Sher-e-Bangla Agricultural University, Dhaka-1207, Bangladesh
Mail: aminsaupp@yahoo.com, aminpp@sau.edu.bd, Mob: Cell: +88 01733717936

6. About Myself : I'm Dilruba Yesmin, come from Sher-E-Bangla Agricultural University. In 2017-2018 Session with ID. No. 1812586509 I am continuing as a Ph.D fellow. My field is biological control and biofungicides formulation. The proposed research will try to manage black point disease of wheat in sustainable way using botanical fungicides and this technology will enhance the wheat cultivation as well as food security for more people in our country.

7. Publications :

(i) Wheat Seed Treatment with Plant Extract and Its Effect on Germination, Yield and Fungal Disease Control in Experimental Field. Dilruba Yesmin *et al.* / *Rajshahi University Journal of Environmental Science*, 7, 54-59, 2018.

(ii) Efficacy of plant extracts on morphology and cultural characteristics of *Bipolaris sorokiniana*, causing black point disease of wheat in Bangladesh. *American Journal of Plant Sciences*, **Process is continuing.**

(iii) Effect of black pointed seeds of different severity grades on seedlings vigour, grain and black point (*Bipolaris sorokiniana*) development of wheat. D. yesmin *et al.*, 2008. *Eco-friendly Agril. J.* 1(4):226-231.

(iv) Effect of black pointed seeds of different severity grades on leaf blight severity (*Bipolaris sorokiniana*) grain yield of wheat. D. yesmin *et al.*, 2009. *Intl. J. BioRes*, 6(1):51-56.

(v) Black Pointed Wheat Seeds and Leaf Blight (*B. sorokiniana*) Severity. Dilruba yesmin *et al.*, 2008. Publisher: LAP LAMBERT Academic Publishing GmbH & Co. KG. info@lap-publishing.com. 978-3-8484-3635-4.

8. Address : Dilruba Yesmin, Assist. Upozilla Educational Officer, Upozilla Education Office, Tanore, Rajshahi. Phone Number - 01724-440994,
E-mail: dilrubayesmin444@gmail.com



Information for the IES website

1. Name: **Shafiqul Islam**
2. Research Title: **“Eco-friendly Management of Late Blight Disease of Potato with Some Botanical Extracts”**
3. Supervisor Name and Address:

Prof. Dr. Md. Abul Kalam Azad,
Institute of Environmental Science,
University of Rajshahi ,Rajshahi
4. Co-Supervisor Name and Address:

Prof. Dr. Md. Rashidul Islam
Department of Plant Pathology
Bangladesh Agricultural University
Mymensingh
5. Introduction of the researcher:

Education- BSc (Honours), MSc (Botany)
Research interest-Botanicalpesticides, Eco-
friendly management of plant disease, and
Phytochemical screening of plants.
6. Publication List:
 - i) Islam, S., Azad, M.A.K. and Islam, M.R. (2019). Efficacy of Some Botanical Extracts against Late Blight Disease of Potato in Experimental Field. *Rajshahi University Journal of Environmental Science*, 8), 25-32.
<https://www.ru.ac.bd/ies/wpcontent/uploads/sites/59/2022/07/Journal-08-2019.pdf>
 - ii) Islam, S., Azad, M.A.K. and Islam, M.R., Sultana, M.S., Khatun, J.A. and Islam, M.H. (2021). Efficacy of Some Botanical Extracts on the Control of Late Blight Disease in Experimental Potato Field. *Advances in Bioscience and Biotechnology*, 12, 426-435.
<http://doi.org/10.4236/abb.2021.1212027>

- iii) Islam, M.H., Masud, M.M., Jannat, M., Hossain, M.I., Islam, S., Alam, M.Z., Serneels, F.J.B. and Islam, M.R.(2022). Potentiality of Formulated Bioagents from Lab to Field: A Sustainable Alternative for Minimizing the Use of Chemical Fungicide in Controlling Potato Late Blight. *Sustainability*, 14, 4383. . <https://doi.org/10.3390/su14084383>
- iv) Islam, M.H., Islam, S., Masud, M.M., Mita, M.M., Islam, M.S. and Islam, M.R.(2022). Identification of potential chemical fungicides with diverse groups of active ingredient for controlling late blight of potato in Bangladesh. *Asian Australas. J. Biosci. Biotechnol.* 7 (1), 23-35; <https://doi.org/10.3329/aajbb.v7i1.59386>

7. Present working station's address:

Assistant Professor

Department of Botany

Govt. Ashek Mahmud College

Jamalpur

E-mail: shafiq@st.ru.ac.bd, islamshafiq_80@yahoo.com

Mobile No.: 01716627114



Name of the researcher: MD. ALIMUL ISLAM

Session: 2019-20.

Title of the research: Screening for bio-insecticidal potency of *Petunia integrifolia* (Hook.) Schinz & Thell. through toxicological assay

Supervisor: Professor Dr. Md. Nurul Islam, Department of Zoology, University of Rajshahi.

About the researcher: Since April 2022, Mr. Md. Alimul Islam has been working as a Japanese Government Scholar, and doing advanced research on the 'Meiotic chromosome dynamics', understanding the genetic disorders in humans in the Department of Chemistry, Shizuoka University, Japan.

Address: Department of Chemistry, Science Building A, Room 309, 422-8529, Shizuoka University, Shizuoka, Japan. Mobile: +8170-1676-0076, Email: md.alimul.islam.21@shizuoka.ac.jp, Web:

<https://sites.google.com/view/alimul127>

Publications:

Islam A, Yasmin N, Hasan K and Islam N. Pesticidal action of *Petunia integrifolia* L. extracts against three stored product pests. Rajshahi University Journal of Environmental Science, 2020. 9: 85-91. [Googlescholar](#)

Islam A, Sharmin N, Hosen M, Kamal T, Sabuj ZR and Islam N. 2019. Control potential of the ornamental indoor plant *Epipremnum aureum* (Linden & Andre) G. S. Bunting against three stored product pests. Journal of Entomology and Zoology Studies. 2019.7(1): 879-882. [Google scholar](#)

Islam A, Kamal T, Hosen M, Sharmin N, Hossain S and Islam N. Lethal efficacy of indoor ornamental plant *Aglaonema marantifolium* (Schott.) against three economically important stored product pests *Callosobruchus chinensis* (L.), *Sitophilus oryzae* (L.) and *Tribolium castaneum* (Hbst.). Journal of Pharmacognosy and Phytochemistry. 2019. 8(1):2198-2201. [Google scholar](#)

Md Alimul Islam
Graduate Student, Department of Chemistry
Graduate School of Integrated Science and Technology
Shizuoka University, Japan
Mobile: +8107016760076; E-mail: md.alimul.islam.21@shizuoka.ac.jp
Website: <https://sites.google.com/view/alimul127>



Ph.D Researcher's Name: Khan Md. Arman Shovon
Research Title:“LEGAL FRAMEWORK ON PROTECTING CORAL REEFS OF BANGLADESH WITH SPECIAL REFERENCES TO GLOBAL PRACTICES”.

Name of the Supervisor(s):

Principal Supervisor-

Dr. Mohammad Abdul Hannan, Professor, Department of Law, University of Rajshahi.

Co-Supervisor-

Dr. Md. Redwanur Rahman, Professor, Institute of Environmental Science (IES), University of Rajshahi.

About Researcher

Khan Md. Arman Shovon is currently pursuing his Ph.D on Environmental law from IES, University of Rajshahi. He published a number of papers in preferred Journals and Legal sites. He also participated in a range of forums on Environmental issues.

Publication

International Conference

1. Khan Md. Arman Shovon "**Conservation of Marine Resources in South Asia: A Legal Appraisal**" Presented at an International Conference on Innovation and Transformation for Development (ITD-2021) powered by GUB.
2. Khan Md. Arman Shovon, Mohammad Abdul Hannan, Md. Redwanur Rahman "**Assessment of Legal Status regarding Restoration of the**

Biodiversity in Saint Martin Island, Bangladesh" 1st International Conference on Environment, ICES-A32, P. 68

3. Khan Md. Arman Shovon, Mohammad Abdul Hannan, Md. Redwanur Rahman **"Legal Protection of Biodiversity in Marine Areas with Reference to Saint Martin Island, Bangladesh"** INSEARCH 2022 8th International Integrative Research Conference on Governance in Society, Business and Environment

Journal

1. Khan Md. Arman Shovon, Mohammad Abdul Hannan, Md. Redwanur Rahman **"Legal Aspects of Coral Reef Management and Conservation in Bangladesh"** Open Access Library Journal Vol.8 No.8, August 17, 2021
Published: August 2021
External Link:
<https://www.scirp.org/journal/paperinformation.aspx?paperid=111326>
2. **"Assessment of the Legal Framework Regulating Waste Management in Bangladesh"** Khan Md. Arman Shovon, Mohammad Abdul Hannan, and Md. Redwanur Rahman
Vol. 4, Issue 3, Pages: 94-105, Published Online: June 18, 2022
<https://doi.org/10.34104/ajssls.022.0940105>

Address of Khan Md. Arman Shovon

Khan Md. Arman Shovon
C/O Advocate Md. Ayub Khan
House: Keya Kunju, Ghoshpara, Ramchandrapur,
Holding No:157/0,Ward:03,P.O:Pabna-6600,Upazila:Pabna Sadar,
District: Pabna,Bangladesh.
Mobile: 01711090742



Researcher Information

01. Recent PP Photo: See Attachment

02. Name of the Fellow: HASAN MAHMUD, Session: 2019-2020, Reg. No. 2013086504

03. Thesis Title: Micro-environmental Pattern of Human Exposure to Particulate Air Pollution: A Spatio-temporal Analysis of Rajshahi City

04. Supervisor Name and Address:

Dr. Md. Mizanoor Rahman
Professor
Department of Geography and Environmental Studies
University of Rajshahi
Rajshahi-6205, Bangladesh
E-mail: mizangeo@ru.ac.bd
Contact: +8801712166325

05. Co-supervisor Name and Address: N/A

06. Overview of the Fellow

Hasan Mahmud completed his BSc and MS from the Department of Geography and Environmental Studies, University of Rajshahi, in 2016 and 2018 respectively. His research is mainly focused on analyzing environmental contaminations and their impacts on the environment and human health.

07. Publications:

01. Rumana, M. S., Kulsum, U., Ali, M. R., **Mahmud, H.**, Baroi, D. S., Muntakim, N., ... & Hassan, M. Z. (2023). Assessing flood risk, intensity, recurrence trend, and indigenous coping strategies of the

Teesta riverine people of Bangladesh. In *Climate Change, Community Response and Resilience* (pp. 27-55). Elsevier.

<https://doi.org/10.1016/B978-0-443-18707-0.00002-3>

02. Rahman, M. M., **Mahmud, H.**, Ali, M. R., Rahman, S. Z., Mollah, M. A. B., & Costa, S. G. (2021). Assessment of heavy metal soil pollution in the agricultural land of North Western Bangladesh. In *Modern Cartography Series* (Vol. 10, pp. 221-242). Academic Press.

<https://doi.org/10.1016/B978-0-12-823895-0.00003-8>

03. Kulsum, U., **Mahmud, H.**, & Rahman, M. M. (2021). Analysis of Spatio-temporal Variation of Lightning Casualties in Bangladesh. In *Bangladesh II: Climate Change Impacts, Mitigation and Adaptation in Developing Countries* (pp.243-265). Springer, Cham.

https://doi.org/10.1007/978-3-030-71950-0_8

04. **Mahmud, H.**, & Rahman, M. M. (2017). Spatial Analysis of the Concentrations of Selected Gaseous Pollutants in Ambient Air of Rajshahi City. *Oriental Geographer*, 61(1&2).

<https://www.researchgate.net/publication/353221572>

05. **Mahmud, H.**, Shobnom, K., & Rahman, M. M. (Forthcoming). Spatial Inequality in Socio-economic Development in Bangladesh? – An Analysis. *Social Indicator Research*, Springer, Netherlands.

06. **Mahmud, H.**, Shobnom, K., Ali, M. R., Kulsum, U., Muntakim, N., ... & Hassan, M. Z. (Forthcoming). Micro-environmental Dynamics of Particulate Air Pollution in Rajshahi City- A Spatio-temporal Analysis. *Management of Environmental Quality*, Emerald Publishing.

07. Ali, M. R., **Mahmud, H.**, & Rahman, M. M. (Forthcoming). Is Rajshahi City Prone to Earthquake? - A Potentiality Analysis in the Perspective of Local Geo-environment. *Journal of Bangladesh National Geographical Association*.

08. Ahmed, Z., Ali, M. R., **Mahmud, H.**, Muntakim, N., Hasan, N., Aziz, M. A., & Rahman, M. M. (Forthcoming). Recent Tremors in Bangladesh Might Hint at Bigger Quakes: A Probabilistic Approach for Earthquake Prediction. *Natural Hazards*, Springer.

<https://doi.org/10.21203/rs.3.rs-3103701/v1>

09. Ahmed, Z., Ali, M. R., Muntakim, N., **Mahmud, H.**, Hasan, N., Aziz, M. A., & Rahman, M. M. (Forthcoming). Assessing Earthquake Hazard, Vulnerability, Risk Perception and Preparedness Level in Rajshahi City. *Vulnerability, Risk Perception and Preparedness Level in Rajshahi City*.

<https://dx.doi.org/10.2139/ssrn.4527924>

10. Muntakim, N., Ali, M. R., **Mahmud, H.**, Aziz, M. A., Hasan, N., ... & Rahman, M. M. (Forthcoming). An Assessment of Surface Water Pollution from Industrial Effluent Discharge in Rajshahi City. *Environmental Monitoring and Assessment*, Springer.

08. Research Fellow's Address, Email & Contact: Email: s2013086504@ru.ac.bd, Mobile: +880 1786855152



2. **Name of researcher:** Dr. Hasna Jahan

3. **Title of research:** Impact of COVID-19 on Household Dietary Diversity and Nutritional Status of Women and Children in the Rural Area of Bogura, Bangladesh

4. **Name of supervisor:**

Dr. Tanzima Yeasmin

Chairman and Professor

Department of Biochemistry and Molecular Biology

University of Rajshahi, Rajshahi, Bangladesh

5. **Name of co-supervisor:** N/A

6. **Introduction of researcher:** Dr. Hasna Jahan, a graduate of Rajshahi Medical College (1995), holds an MPH (NIPSOM-2002) and a DDV (BSMMU-2012). Currently an Associate Professor at Army Medical College Bogura, she's published 26 research articles in national and international journals.

7. **List of publications:**

1. 2008 Alam MJ, Rahman F, Uddin MJ, **Jahan H**, Begum N, Miah MAM, Habib AKMA. Arsenicosis: A public health problem of Bangladesh. Journal of Shaheed Ziaur Rahman Medical College 2008; 11(2): 68-74.
2. 2010 **Jahan H**, Alam MJ, Begum N, Hamid T, Mahmud MAH. Socioeconomic characteristics and awareness on consequences of diabetes among pregnant diabetic women. Northern Medical Journal 2010; 19 (1):1-10.
3. 2015 Yasmin R, Islam MR, Begun N, **Jahan H**, Alam MJ, Rahman MF, Uddin MJ, Haque ME Prevalence of undernutrition among the under-five children in a selected rural area of Bangladesh. Journal of Shaheed Ziaur Rahman Medical College 2015; 25 (1): 21-24.
4. 2017 Begum N, Ansari MMH, **Jahan H**. Profile of MDR-TB patients admitted in a tertiary level hospital in Bangladesh. International Journal of Pharmaceutical and Medical Research 2017; 5 (2): 15-19.

5. 2017 Begum N, Akhter F, **Jahan H**. Reproductive health status of rural women in a selected area of Bangladesh. *International Journal of Pharmaceutical and Medical Research* 2017; 5 (5): 6-9.
6. 2017 Begum N, **Jahan H**, Yasmin R, Islam Z, Alam MJ, Mahmud MAH, Rahman MF, Uddin MJ. Study on MDR-TB patients affecting factors in the course and prognosis treated in a specialized hospital. *Journal of Shaheed Ziaur Rahman Medical College* 2017; 28 (2): 7-13.
7. 2018 Begum N, Akhter F, **Jahan H**. Knowledge and practice of safe delivery in the rural community in Bangladesh. *World Journal of Research and Review (WJRR)* 2018; 6(2); 64-69.
8. 2018 Ansari MMH, **Jahan H**, Snighda FZ, Zannat M N, Mashud I, Azad MAK. Family Size, Sex Ratio and Desired Sex of the Children by the Women of Rural Bogura. *AMCB Journal* 2018; 1 (1):4 -8.
9. 2018 **Jahan H**, Ansari MMH, Ahmad TT, Snighda FZ, Azad MAK. Nutritional Status and Risk of Metabolic Complications among the Students of Army Medical College Bogura. *AMCB Journal* 2018; 1 (1):20 - 23.
10. 2018 Mazumder P, Sultana KN, Chowdhury SN, Rahman T, **Jahan H**, Sharmin N. Association of High-Density Lipoprotein Cholesterol with Renal Function in Non-Diabetic Chronic Kidney Disease Patients. *AMCB Journal* 2018; 1 (1):39 -41.
11. 2018 **Jahan H**, Ansari MMH, Mashud I. Dermatological Manifestations Associated with HIV/AIDS. *AMCB Journal* 2018; 1 (1):51-54.
12. 2019 **Jahan H**, Ansari MMH, Niger S, ZannatMN. Household Dietary Diversity and Nutritional Status of Women of Rural areas in Gabtoli Bogura. *AMCB Journal* 2019; 2(1) :11-15.
13. 2019 **Jahan H**, Ansari MMH, Snighda FZ, Alam MJ, Begum N, Kauser S, Ahmad TT. Menstrual Hygiene Management among the Women of Reproductive Age in Rural Area of Bogura, Bangladesh. *AMCB Journal* 2019; 2(2): 52-55.
14. 2019 Alam MJ, **Jahan H**, Ali KM, Tamjid JM, Tarannum T. Fertility Status and Selective Related Factors in Women of Reproductive Age at a Rural Area of Bangladesh. *AMCB Journal* January 2019; 2(2):56-59.
15. 2020 Ansari MMH, **Jahan H**, Zannat MN, Pervin R, Zia Q. Adolescent Health in the Rural Area of Gabtali Bogura. *AMCB Journal* 2020; 3(1):25-29.
16. 2020 Alam MJ, **Jahan H**, Tamjid JM, Tarannum T. Socioeconomic Conditions, Humanitarian Aspects and Health Issues of Street Children of Bangladesh. *AMCB journal* 2020; 3(1): 26-30.
17. 2020 Mitali Banik, Begum N, **Jahan H**. Knowledge and awareness Regarding Dengue Fever among the patients in a tertiary Level Hospital of Dhaka City. *AMCB journal* 2020; 3(2):62-66.
18. 2020 **Jahan H**, Akhter F, Nandi AK. Efficacy of Fexofenadine in the Treatment of Chronic Idiopathic Urticaria. *Mymensingh Medical Journal* April 2020; 29(2): 414-19.

19. 2020 S Tamanna, J Begum, J Johora, **Jahan H**. Heterotopic pregnancy: A Case Report. Journal of Brahmanbaria Medical College.2020; 2(2): 22-26
20. 2021 **Jahan H**, Begum N, Mazumder P. Etiological Profile of Edema among Hospitalized Patients in Bogura, Bangladesh. AMCB Journal 2021; 4(1): 22-26
21. 2021 Begum N, Alam MJ, **Jahan H**, Mahjabin A, Tamjid JM, Tarannum T, Alam MJ: Changing Pattern of Contraceptive Use among Adult Population at OPD of Tertiary Level Hospital in Dhaka City. Journal of
22. 2022 Fahima Akhter, Nasima Begum, **Hasna Jahan**. Knowledge, Practice, and Awareness about Preventive Measures of Chikungunya among Traders Community in Mitford Region of Dhaka City. Asian Journal of Medicine and Health 2022; 20(2): 46-56,
23. 2022 **Jahan H**, Yeasmin T, Roy M. 2022. Elevated D-dimer Is Associated with Severity of COVID-19: A Systematic Review and Meta-Analysis, Medical Research Archives, [online] 10(7). <https://doi.org/10.18103/mra.v10i7.2870>
24. 2022 MJ Alam, **H Jahan**, JM Tamjid, T Tarannum, MNN Khanom. The effects of tobacco use on human health and the Bangladesh perspective. Journal of Brahmanbaria Medical College 2022; 4(1): 43-48.
25. 2022 K Yeasmin, MAM Samaun, **H Jahan**, T Yeasmin. Lifestyle and Immunity Boosting Practices During Covid-19 Pandemic among the Population of Rajshahi District, Bangladesh. J. Bio-Sci 2022; 30 (1): 33-48.
26. Accepted on June 2021 Begum N, **Jahan H**, Akhter F, Alam MJ. Awareness of Tetanus Toxoid Vaccination Among Women of Reproductive Age Attending Outpatient Department in a Tertiary Level Hospital. Mymensingh Medical Journal.

8. Workplace of researcher:

Associate Professor and Head
 Department of Community Medicine
 Army Medical College Bogura
 Bogura Cantonment, Bogura
 Email: dr.hasnajahan@gmail.com
 Contact no. 01715-464633



Name: Dr. Shamima Parveen

Research Title: Study of Post-COVID-19 Syndrome among the symptomatic COVID-19 patient in some selected Community of Bangladesh.

Supervisor: Dr. Md. RedwanurRahman, Professor, Institute of Environmental Science (IES), University of Rajshahi. Rajshahi(RU).

Co-Supervisor: Dr. HabiburRahman, Professor, Department of Zoology, Rajshahi University, Rajshahi(RU).

About Researcher: PhD Fellow, Session 2019-2020, Registration Number: 2012586517, ID Number: 19203, Institute of Environmental Science (IES), University of Rajshahi(RU)

M B B S from Abdur Rahim Medical College, Dinajpur,

Masters in Public Health from National Institute of Preventive and Social Medicine (NIPSOM)

Address: Associate Professor, Department of Community Medicine

Dhaka Community Medical College, Moghbazar, Dhaka, Bangladesh

E-mail: shamima_parveen@yahoo.com

Mobile no: 01727242463

Published article List:

International:

1. **Parveen S, Rahman Md. H , Rahman Md. R, Anam A. Risk factor of Post Covid-19 Syndrome and Cost Outcome analysis of Covid-19 Patient in Some Selected Community of Bangladesh.** JETIR June 2023, Volume 10, Issue 6.
2. **Parveen S, Rahman., Anam A. Study of prevalence of Post –Covid-19 syndrome and risk factors in the capital city of Dhaka, Bangladesh.** JETIR March 2023, Volume 10, Issue 3
3. **Mahejabin F, Parveen S, Begum R. Disease pattern and Health Seeking Behavior of slum dwellers in Dhaka City.** International Journal of Medical and Health Research. September 2015; volume1 (02):04-08.

National:

4. **Parveen S, Hasan A, Nasrin M. Depression and Smoking Pattern among the senior students of Dhaka University.** Dhaka Community Medical College Journal; July 2012; 01(02): 47-49.
5. **Parveen S, Farah S, Karim M. Prenatal Depression and Spontaneous Preterm Birth: A Cross Sectional Study among Women of Dhaka Community Medical College and Hospital.** National Medical College Journal; September 2011, volume17 (02).
6. **Parveen S, Mahejabin F , Khan AW, Chaklader TA. Environmental sanitation and personal hygiene practices among the slum dwellers of a selected slum in Dhaka city.** Journal of zoological society. July 2015; Volume 18(01):23-28.
7. **Parveen S , Dr. Mahejabin F , Dr. Akteruzzaman M. Knowledge of safe motherhood among the mothers in rural communities of Bangladesh.** Community Medical College Journal. July 2016; 02(04):42-45
8. **Parveen S, Rahman., Anam A. Study of post covid-19 syndrome of Covid-19 survivors in urban community of Dhaka.** Community Medical College Journal. January 2021; 01(10):3-8
9. **Mahejabin F , Farah S, Parveen S , Chaklader TA^c. Sociodemographic and health status of selected Rohingya Refugees in Ukhia Bangladesh** Community Medical College Journal. July 2021; 02(10):39-43
10. **Farah S, Karim M. Parveen S. Breast feeding practices: A cross sectional study.** Marks Medical journal. January 2014; 02(01):20.
11. **Mahejabin F , Khan AW, Parveen S. Sociodemographic characteristics and occurrence of Hypertension among the people of some selected villages, at Dhamrai.** Dhaka Community Medical College Journal; July 2012; 01(02): 40-45.

12. Mahejabin F^a, **Parveen S^b**, ChakladerTA^c. *Knowledge and Awareness regarding HIV/ AIDS among the people of reproductive age in a rural area of Bangladesh.* Bangladesh Medical College Journal; July 2013; 18(02): 58- 64.
13. Mahejabin F¹, **Parveen S²**, Khan AW³, ChakladerTA⁴, Talukder AM⁵. *Living condition and health status in some urban slums of Dhaka City.* Dhaka Community Medical College Journal; July 2013; 02(02): 56-61.
14. Nahar L¹, Mahejabin F², **Parveen S³**. *Knowledge on mode of transmission and prevention of HIV/AIDS among the floating sex workers in some selected areas of Dhaka city.* Community Based Medical Journal; January 2014; 03, (01): 41-45.
15. Dr. Farzana Mahejabin¹, **Dr. Shamima Parveen²**, Prof. Dr. Abu Mohammad Talukder³, Dr. Masuda Sultana⁴, Dr. Tanjina Ahmed Chaklader⁵. *Morbidity pattern of the children of under five years of age in a selected urban slum of Dhaka city.* Journal of Dhaka National Medical College and Hospital; September 2014; 20(02): 21-26.
16. Mahejabin F¹, **Parveen S²**, Ibrahim M³. *Mother's/ care givers health seeking behaviour during child illness in an urban slum of Dhaka city.* Pulse Medical journal of Apollo hospital, Dhaka, Bangladesh. 2014; 07: 05-15.
17. Mahejabin F¹, Nahar L², **Parveen S³**, Ibrahim M⁴. *Sexual lifestyle and Socio-demographic profile of female floating sex workers in some selected areas of Dhaka city.* Pulse Medical journal of Apollo hospital, Dhaka, Bangladesh. 2014;07.
18. Dr. Farzana Mahejabin¹, **Dr. Shamima Parveen²**, Prof. Dr. A. Mohammad³. Factors associated with acute respiratory infections (ARI) among under 5 years children in urban slum area of Dhaka city. Dhaka Community Medical College Journal; July 2014; 02(02): 56-61.

Dr. Farzana Mahejabin¹, **Dr. Shamima Parveen²**, Prof. Dr. A. Mohammad³. Utilization and satisfaction with major health care services amongst the slum dwellers of Dhaka city. Journal of Dhaka National Medical College and Hospital; September 2014; 20(02): 21-26.



asan

Research Title: Impact of Noise Pollution in Rajshahi City, Bangladesh

Supervisor: Dr. Md. Abul Kalam Azad, Professor, Institute of Environmental Science, University of Rajshahi

Co-supervisor: 1. Dr. Md. Moniruzzaman, Professor, Department of Geography and Environmental Studies, University of Rajshahi (RU).

2. dr. Md. Kamruzzaman, Professor, Department of civil Engineering, Rajshahi University of Engineering and Technology (RUET).

About Researcher: PhD Fellow, Session 2020-2021, Registration Number: 2113086502, Roll:239, ID Number: 20103, Institute of Environmental Science (IES), University of Rajshahi (RU).

B.Sc (Honours), MSc (Thesis), Geography and Environmental Studies, University of Rajshahi (RU).

Address: Assistant Professor, Geography, OSD, Directorate of Secondary and Higher Education (DSHE), Bangladesh.

Email: alamgir.geography@gmail.com, s2113086502@ru.ac.bd

Mobile Phone: +8801813645173

Name of Researchers: Sultana Jahura

Study position: M.Phil. Fellow, Session: 2020-21, Reg: 2112586508, IES, RU.

Research title: WATER SCARCITY AND LIVELIHOOD IN THE BARIND TRACT OF RAJSHAHI DISTRICT, BANGLADESH



Research Supervisor:

Dr.MZulfiquar Ali Islam

Professor

Department of Sociology

University of Rajshahi, Rajshahi-6205, Bangladesh

Mobile No: 01715359715

E-mail: drzulfiqarai@gmail.com

Research Co-Supervisor:

Dr. M. Golam Mostafa

Professor

Institute of Environmental Science

University of Rajshahi, Rajshahi-6205, Bangladesh

Mobile: Tel.: +880-721-711573

E-mail: mgmostafa@ru.ac.bd

About researchers: I am Sultana Jahura. I have completed my Post-graduation MSS in Sociology under the Department of Sociology, National University. Currently, I am an M.Phil. Fellow (Session: 2020-21) under the Institute of Environmental Science, University of Rajshahi, Bangladesh.

Research Interest: Drought, Water scarcity, livelihood, Barind tract.

Job Description and Address: Assistant Professor (Sociology), On duty special officer, DSHE, GOV. Bangladesh
Publications: Under supervision

Information of Tawfeequa Rahman

1. Name of Fellow: TAWFEEQUA RAHMAN

2. Research Title: ACCUMULATION AND TRANSLOCATION OF HEAVY METALS IN VEGETABLES GROWN ON IRRIGATED AGRICULTURAL LAND AROUND INDUSTRIAL AREAS OF NARAYANGANJ, BANGLADESH.



3. Name of Supervisor: Professor Dr. Md. Golam Mostafa, Institute of Environmental Science, University of Rajshahi.

4. Not applicable

5. I am a government employee currently living in Mirpur, Dhaka with my family. My home district is Rajshahi. Presently, I am working on a paper that assesses the accumulation and translocation of heavy metals in vegetables grown on irrigated agricultural land.

6. List of Publications:

I. HEAVY METAL CONTAMINATION OF SOME FRESHWATER FISHES: A MARKET BASED STUDY TO HIGHLIGHT THE POSSIBLE HEALTH RISK.

II. SOME ASPECTS OF REPRODUCTION OF *RHINOMUGIL CORSULA* (MUGILIFORMES : MUGILIDAE)

III. LENGTH-WEIGHT RELATIONSHIP, CONDITION FACTOR AND SEX-RATIO OF FRESHWATER FISH, *RHINOMUGIL CORSULA* (HAMILTON) (MUGILIFORMES : MUGILIDAE) FROM RAJSHAHI, BANGLADESH.

7. Assistant Professor (Zoology)
ID No. 14030
BCS (General Education)
and
OSD, DSHE, DHAKA
Email – tawfeequa1972@gmail.com
Phone – 01911008910



1. Name: Umama Monira

2. Title:

ASSESSMENT OF CENTRAL EFFLUENT TREATMENT
PLANT(CETP) PERFORMANCE AND SURFACE WATER QUALITY
IN EFFLUENT DISCHARGED AREA AT SAVAR TANNERY
ESTATE IN BANGLADESH

3. Principle Supervisor: Dr. Md. GolamMostafa

Professor
Institute of Environmental Science
University of Rajshahi

4. Co-Supervisor: Professor Dr. GolamSabbirSattar
Vice-chancellor
Rajshahi University

5. Identification:

I'm 34th BCS cadre and lecturer of Chemistry and a former student of RU. In 2005, I entered RU and majored in Applied Chemistry. The four-year-long honors, and one-year-long master's along with an additional one-year-long thesis. I stood first in order of merit in both BSc. And MSc.

Present identification:


Ph.D. Research Fellow
Reg: 2012586506, ID No.20106
Session:2020-2021
Institute of Environmental Science;
Rajshahi University, Rajshahi

6. List of Publications:

Serial no	Title	Comment
1	Characterization of Tannery Effluent of Savar Tannery Estate in Bangladesh	Published
2	Characterization and Removal Efficiency of Central Effluent Treatment Plant (CETP)	Published
3	Impact of Tannery Industrial Effluents on Aquatic Life	Published
4	Leather Industrial Effluent and Environmental Concerns – A Review	Revised Submitted
5	Assessment of Surface Water Quality Using the Water Quality Index (<i>WQI</i>), and Multivariate Statistical Analysis (<i>MSA</i>), around Tannery Industry Effluent Discharge Areas	Submitted

7. Present Work Place: Lecturer of chemistry.
OSD, Directorate of secondary and higher education (DSHE),
Bangladesh, Dhaka.

Email: umamamonira@gmail.com
Mobile: 01723995804

01	Name of Fellow	UMME HABIBA SHATHI
02		
03	Research Title	ECOLOGY AND BIOCHEMICAL COMPOSITION OF <i>Pila globosa</i> (SWAINSON, 1882) (GASTROPODA : PILIDAE)
04	Name of Supervisor	Prof. Dr. Md. Redwanur Rahman Institute of Environmental science (IES) University of Rajshahi. Call : +8801715106833
05	Name of Co-Supervisor	01 . Dr. MdBadrulislam Sr. Scientific Officer, BCSIR Rajshahi Call : 01716-639255 02. Prof. Dr. Engr. Md. Rashidul Hasan Dean & Head Dept. of Civil Engineering Bangladesh Army University of Engineering & Technology (BAUET) Cantonment, Natore – 6431 Call : +8801711982425
06	About researchers	UMME HABIBA SHATHI Ph.D Fellow , IES, RU
07	Publications	UH Shathi, Md Islam B, MR Rahman – International Journal of Tropical Agriculture Vol.40 Numbers3-4...2022 Nutritional Value of Freshwater Snail <i>Pila Globosain</i> Bangladesh ISSN: 0254-8755 www.serialsjournals.com UH Shathi, MR Rahman - Journal of Sustainability and Environment Ecology and Bio-economics of Freshwater Apple Snail <i>Pila globosa</i> in the district of Bangladesh DOI: https://doi.org/10.3126/josem.v1i3.47999
08	Contact No	01737-857485



01. Photograph:

02. Name: Sk. Md. Atiqur Rahman

03. Research Title: Synthesis and Characterization of Metal Based Nanoparticles Conjugated with Biological Entities for Biomedical and Environmental Applications

04. Supervisor Name & Address:

Dr. Md. Anwarul Kabir Bhuiya, Professor, Materials Science and Engineering, Rajshahi University

05. Co-supervisors Name & Address:

a) Dr. Md. Abu Reza, Professor, Genetic Engineering and Biotechnology, Rajshahi University

b) Dr. Ananda Kumar Saha, Professor, Zoology, Rajshahi University

06. Information about Researcher: My name is Sk. Md. Atiqur Rahman. I have completed my B.Sc. & M.S. in Zoology from University of Rajshahi. And also obtained M.Phil. from the same institution. I have six years of experience in microbiology and molecular biology research.

07. List of Research Publication:

- i. Reza, A. M. S., Al-Amin, M., **Rahman, S.M. A.**, Islam, M. S., Hasan, M. A. and Parween, S. 2014. A Checklist of Waterbirds of the Padma River Charland (Godagari to Chorghat), Rajshahi, Bangladesh. *Univ. J. Zool. Rajshahi. Univ.* **33**: 19-23.
- ii. Saha, A. K., **Rahman, S. M. A.**, Mohanta, M. K., Haque, M. F., Naz, S. and Ruhi, R. A. 2016. Isolation and Characterization of Arsenic Resistant Bacteria from Contaminated Soil. *Asian J. Adv. Basic Sci.* **4**(2): 113-122.
- iii. Ruhi, R. A., Saha, A. K., **Rahman, S. M. A.**, Mohanta, M. K., Sarkar, S. R., Nasrin, T. and Haque, M. F. 2017. Decolourization Of Synthetic Melanoidin By Bacteria Isolated from Sugar Mill Effluent. *Univ. J. Zool. Rajshahi. Univ.* **36**: 12-21.
- iv. Saha, A. K., Zehad, M. R. A., Mohanta, M. K., Haque, M. F., Ruhi, R. A. and **Rahman, S. M. A.** 2018. Isolation and Characterization of Melanoidins Degrading Bacteria from Sugar-Mill Effluent. *Indian Journal of Biological Sciences.* **24**: 99-114.
- v. **Rahman, S. M. A.**, Saha, A. K., Ruhi, R. A., Haque, M. F. and Mohanta, M. K. 2019. Decolourization Of Textile Azo Dye Direct Red 81 By Bacteria from Textile Industry Effluent. *Int.J.Curr.Microbiol.App.Sci.* **8**(4): 1742-1754.
- vi. Nasrin, T, Saha, A. K., Mohanta, M. K. Chaity, A, S., **Rahman, S. M. A.**, Ruhi, R. A., Sarkar, S. R. and Haque, M. F. 2019. Decolourization of Azo Dye by Indigenous Bacteria and Its Impact on Seed Germination. *Int.J.Biosci.* **14**(6): 197-210.

- vii. Sarker, S. R., Saha, A. K., Mohanta, M. K., Chaity, A. S., Nasrin, T., Ruhi, R. A., **Rahman, S. M. A.** and Haque, M. F. 2019. Bacteriological Evaluation of Drinking Water of Rajshahi City, Bangladesh. *American Scientific Research Journal for Engineering, Technology and Sciences (ASRJETS)*. **59 (1)**: 230-243.

08. **Address:** Molecular Biology and Protein Science Laboratory, South Block. #3rd Floor, Sir Jagadish Chandra Bose Academic Building (3rd Science Building), University of Rajshahi, Bangladesh

09. **E-mail:**atigruzoo@gmail.com

10. **Mobile Number:** +8801711091235

Resume

Most. Serajam Monira

M.Phil Fellow

ID: 21103

Reg. No: 2212586507

Session: 2021-22

Cell No: 01760267502/01798657257

Institute of Environmental Science (IES)

University of Rajshahi.



Research title:FERTILIZER OPTIMIZATION AND SUSTAINABLE WATER MANAGEMENT PROTOCOL FOR DIFFERENT RICE VARIETIES SUITABLE FOR BARIND TRACT.

Supervisor:

Dr. Md. Aminul Hoque

Professor,

Dept. of Agronomy & Agricultural Extension

University of Rajshahi.

Email: aminulh2@yahoo.com

Mobile no: 01716961914

Co-supervisor

Dr. Sabrina Naz

Professor and Director

Institute of Environmental Science (IES)

University of Rajshahi.

Email:drsabrina_naz@yahoo.com

Mobile no: 01715178196

ACADEMIC RESEARCH WORK AND PUBLICATION

- Serajam Monira¹;
Mohamed Ahmed Mohamud¹; Mahadia Faiza Shifa²; Bitopi Biswas³; Md Aminul Hoque¹*

Performance of Different Percentage of Urea as Foliar Fertilizer on Growth and Development of Rice (Rabi dhan1. Cognizance Journal of Multidisciplinary Studies, Vol.3, Issue.8, August 2023, pg. 324-336.DOI: 10.47760/cognizance. 2023.v03i08.009

- Most. Serajam
Monira & M. G. Mostafa*

Heavy Metals in Agricultural Soil and Their Impacts on Rice Production and Human Health: A Review. Asian Journal of Applied Science and Technology (AJAST) 7(2): (204-216), 2023.DOI: <https://doi.org/10.38177/ajast.2023.7222>

T. Khanum, S. Monira, A. hoque*, P. Rai and S. Islam

GROWTH AND YIELD OF RICE AS AFFECTED BY VARIETY (BRRI DHAN28, BRRI DHAN-29 AND SURMA-2) IN RAJSHAHI REGION. Physiol. Ecol. & Environ. Sci. 13(1&2): 41-47, 2022

- R..Khatun, S.
Monira, Z. Fatema and A. Hoque*

EVALUATION OF GROWTH PERFORMANCE OF BRRI DHAN 55 AND TWIN RICE THROUGH THE APPLICATION OF LIQUID FERTILIZER Physiol. Ecol. & Environ. Sci. 13(1&2): 17-27, 2022

- M. Ahmed
Mohamud, A. Hoque*, A. Hussain, M. Mukhtar Hossain, S. Monira, M. Ibrahim Muse

ESTIMATION OF GENETIC VARIABILITY, HERITABILITY AND GENETIC ADVANCES FOR SHORT DURATION AND HIGH YIELDING RICE GENOTYPES.
<https://ijast.com/index.php/home/article/view/173.9.10.2022>

- M. Ahmed Mohamud, A. Hoque*, A. Hussain, M. Mukhtar Hossain, S. Monira, M. Ibrahim Muse

THE STUDY OF GENETIC DIVERGENCE IN RICE () GENOTYPES WITH GRAIN YIELD AND DIFFERENT MORPHO-PHYSIOLOGICAL TRAITS USING MAHALANOBIS D2 ANALYSIS.
<https://ijast.com/index.php/home/article/view/172.9.10.2022>

- Z. Fatema, S.
Monira, A. Hossain Khan1 and A. Hoque*

UREA SAVING TECHNIQUE THROUGH FOLIAR APPLICATION OF LIQUID FERTILIZER FOR BETTER YIELD PERFORMANCE OF WHEAT. Physiol. Ecol. & Environ. Sci. 13(1&2): 47-53, 2020

- S. Monira, A. Hoque *, Z. Sultana, A.H. Khan¹ And S. Alam
UREA REDUCING PROTOCOL FOR BRRI DHAN 28 PRODUCTION THROUGH FOLIAR FEEDING FOR BETTER YIELD IN BARIND TRACT

Physiol. Ecol. & Environ. Sci. 8 (1&2): 49-55, 2017

- Most Serajam Monira :
UREA REDUCING PROTOCOL FOR BRRI DHAN 28 PRODUCTION THROUGH FOLIAR FEEDING FOR BETTER YIELD IN BARIND TRACT, MS. Thesis in Agronomy, January to June, 2017. Dept. of Agronomy & Agricultural Extension, University of Rajshahi



Name of Researcher: MST. SURAIYA SULTANA

Email: sultanasuraiya284@gmail.com

Title of Research: AN EMPIRICAL ANALYSIS OF PRODUCTION RISK AND STRATEGIES OF ITS MANAGEMENT IN AGRICULTURE OF BANGLADESH

Session: 2021-2022

Name of Supervisor: Dr. Md. Elias Hossain

Professor, Department of Economics, University of Rajshahi

Name of Co-supervisor: Dr. S.M. Shafiuzzaman

Professor, Institute of Environmental Science, University of Rajshahi

Brief Introduction of the Researcher: Ph.D. Fellow,

Institute of Environmental Science, University of Rajshahi
And
Lecturer, Economics and Officer on Special Duty
Directorate of Secondary and Higher education, Bangladesh,
Dhaka



Personal information

Name of researcher: Md. Munzurul Haque

Title: VALUATION OF SOFT ENERGY AND HETEROGENOUS HOUSEHOLD RESPONSES IN NORTHERN REGION OF BANGLADESH: A CHOICE EXPERIMENT APPROACH

Supervisor's name: Professor Dr. Md. Elias Hossain, Dept of Economics, RU

Co-supervisor's name: Professor Dr. Md. Shafiuzzaman, Institute of Environmental Science, RU

Identity: Lecturer in Economics, BCS (general education), OSD(DSHE)

Publication: Not applicable

Working place: Directorate of secondary and Higher Education
Ministry of Education, Dhaka

Mobile No: 01723205921

Email:munzurul.haque.ru@gmail.com

Name of Researchers: Dr. Md. NiyamatUllah

Position: M.Phil. Fellow, Session: 2021-22, Reg: 2213086502, IES, RU.

Research title: Assessment of Environmental Condition and Mental Health of Cat Owners and Various Surgical Methods for the Sterilization of their Cat.

Research Supervisor:

Dr. Md. Jalal Uddin Sarder

Professor

Department of and Veterinary and Animal Sciences

University of Rajshahi, Rajshahi-6205, Bangladesh

Mobile: 01929231933

E-mail: jalalnusa@yahoo.com



About researchers: I am Dr. Md. NiyamatUllah. I have completed my graduation DVM (2017) and Post-graduation MS in Theriogenology (2020) under Department of Veterinary and Animal Sciences, University of Rajshahi. Currently, I am M.Phil. Fellow (Session: 2021-22) under Institute of Environmental Science, University of Rajshahi, Bangladesh.

Research Interest: Pet Animal Surgery, Animal Ultrasonogram, Artificial Insemination.

Job Description and Address: Pet Animal Consultant, KittCat Pet Clinic, Tikapara, Boalia, Rajshahi. Email: niyamatru340@gmail.com, Mob: 88 01751226243

Publications

A. FULL LENGTH ARTICLES

- 1. Md. Niyamat Ullah¹, Moizur Rahman¹, Md. Reazul Islam¹, Md. Rayhan Islam¹, SoniyaAker Nishi², Subarna Rani Kundu³, BidyutMatubber⁴ and Md. Jalal Uddin Sarder¹, 2023.** Diagnosis of Reproductive Disorders through TransrectalUltrasonogram in Cows at Rajshahi District of Bangladesh.

2. Lorraine Chapot¹, MdSamun Sarker², Ruhena Begum³, Delower Hossain³, Rahima Akter⁴, MdMehedi Hasan⁵, ZamilaBueaza Bupasha⁶, Md Bayzid⁷, Md Salauddin⁸, MdShafiullah Parvej⁹, AHM Musleh Uddin¹⁰, Fazlul Hoque¹¹, Joya Chowdhury⁹, **Md. Niyamat Ullah**¹², Md Kaiser Rahman¹³, NureAlam Siddiky², Guillaume Fournié¹ and Mohammed A. Samad². Knowledge, Attitudes and Practices Regarding Antibiotic Use and Resistance among Veterinary Students in Bangladesh. *Antibiotics* **2021**, 10, 332. <https://doi.org/10.3390/antibiotics10030332>.
3. **Md. Niyamat Ullah**¹, Mst. IsmatAra Begum¹, Md. Reazul Islam¹, Md. Saiful Islam¹, Md. Hemayatul Islam¹, Md. Jalal Uddin Sarder¹, and Mahbub Alam², **2019**. Prevalence of diseases in backyard poultry in relation to seasonal influences in Bogura Districts of Bangladesh. *Bangladesh Livestock Journal*, Volume 5, December 2019.
4. Md. Saiful Islam, Md. Reazul Islam, Md. Jalal UddinSarder, M Mahbubur Rahman, Md. HakimulHaque, **Md. NiyamatUllah**, Syed SarwarJahan and Md. Akhtarul Islam, **2019**. Scenario of hygienic management practices of dairy milk collection in rural area of Rajshahi District. *Bangladesh Livestock Journal*, Volume 5, December 2019.
5. Sarder MJU, Islam MH, Nishi SA, **Ullah MN** and Islam MR, **2019**. Turkey (Meleagrisgallopavo) rearing a new approach to poultry sector in Bangladesh. 11th International Poultry Seminar **2019** of WPSA-BB to be held during 5-6 March 2019 at Hotel La Meridian, Dhaka (IPS-2019-081).
6. Md. Reazul Islam, RashidaKhaton, Md. Hemayatul Islam, **Md. NiyamatUllah**, SoniyaAkter Nishi, Bobi Rani Paul And Md. Jalal Uddin Sarder, **2018**. Biometry of ovary different ruminant animals. *Bangladesh Livestock Journal*, Volume 4 December 2018, 11: 44-48

B. PROCEEDINGS ABSTRACTS PUBLISHED IN NATIONAL & INTERNATIONAL CONFERENCE/ SEMINAR WHICH WERE PRESENTED

1. **Md. Niyamat Ullah**¹, Md. Jalal Uddin Sarder*, Jashim Uddin¹, Md. Hemayatul Islam¹, Md. Reazul Islam¹. **2022**. Diagnosis of Reproductive Disorders through Transrectal Ultrasonogram and Monitor the Treatment Efficacy in Cows. 28th BSVER Annual Scientific Conference (ASCon XXVIII), 28-29 May, 2022 at Bangladesh Agricultural University, Mymensingh. BSVER publication No. O-15, page: 20.
2. Md. Olid Hossain, Md. Jalal Uddin Sarder*, **Md. NiyamatUllah**, Jashim Uddin, Md. Hemayatul Islam. Factors affecting conception rates in cows through Artificial Insemination (AI) programme at South West region of Bangladesh. **2022**. 28th BSVER Annual Scientific Conference (ASCon XXVIII), 28-29 May, 2022 at Bangladesh Agricultural University, Mymensingh. BSVER publication No. O-16, page: 21.
3. Md. Jalal uddinSarder*¹, Md. Akhtarul Islam, Rashida Khaton¹, Md. Hemayatul Islam¹, Md. Ismail Haque², Md. Reazul Islam¹ and **Md. Niyamat Ullah**¹. **2021**. Effect of slaughter age on carcass traits for the quality of lamb meat production. 4Th National Scientific Conference on Food Safety and Health. Volume-4. Page-28.

4. Paul BR, Sarder MJU*, Islam MH, Khaton R, RakibMA, Moni IZ, **Ullah MN**. Early Pregnancy diagnosis of dairy cows through ELISA, Barium chloride (BaCl₂) and Copper sulphate (CuSO₄), 2020. 26th BSVER Annual Scientific Conference, 28 feb to 01 march 2020 at Bangladesh Agricultural University, Mymensingh. BSVER publication No. 45.O-51, page: 74
5. **Ullah MN**¹, Sarder MJU*, Islam MH¹, Paul BR¹, Islam MS¹, Islam MR¹, Alam MM², 2020. Prevalence of diseases in backyard poultry in relation to season at Bogura district of Bangladesh. 26th BSVER Annual Scientific Conference, 28 feb to 01 march 2020 at Bangladesh Agricultural University, Mymensingh. BSVER publication No. 45. P- 58, page: 120.
6. Pramanik S, Sarder MJU*, Nishi SA, Monira S, Khaton R, Alam F, **Ullah MN**, 2020. Survey report on reproductive diseases of dairy cows in Bangladesh. 26th BSVER Annual Scientific Conference, 28 feb to 01 march 2020 at Bangladesh Agricultural University, Mymensingh...BSVER publication No. 45. P- 59, page: 120.
7. Nishi SA, Sarder MJU*, Islam MH, Sultan MR, Khaton R, Paul BR, **Ullah MN**, 2020. Minimizing the anestrus problems in dairy cows using different treatment protocols. 26th BSVER Annual Scientific Conference, 28 feb to 01 march 2020 at Bangladesh Agricultural University, Mymensingh..BSVER publication No. 45. P- 61, page: 121.
8. Rakib MA, Sarder MJU*, Islam MH, Moni IZ, Paul BR, **Ullah MN**, 2020. Prevalence of foot and mouth disease and its effect on reproductive and productive performance of Red Chittagong Cattle in Chattogram, Bangladesh. 26th BSVER Annual Scientific Conference, 28 feb to 01 march 2020 at Bangladesh Agricultural University, Mymensingh. BSVER publication No. 45. P- 52, page: 106.
9. Sarder MJU*, Haque MI, Islam MH, Islam MA, Khaton R, **UllahMN**¹, 2020. Prevalence of diseases and mortality rate of sheep at semi-intensive farm at Barind region of Bangladesh. 26th BSVER Annual Scientific Conference, 28 feb to 01 march 2020 at Bangladesh Agricultural University, Mymensingh. BSVER publication No. 45.O-05, page: 40-41.
10. TasnimM, Sarder MJU*, **UllahMN**, Haque MI, Islam MH, Khaton R, 2020. Development of pregnancy diagnosis in sheep by trans-abdominal ultrasonography. 26th BSVER Annual Scientific Conference, 28 feb to 01 march 2020 at Bangladesh Agricultural University, Mymensingh..BSVER publication No. 45. O- 52, page: 75.
11. Md. Jalal Uddin Sarder¹, Rashida Khaton¹, Soniya Akter Nishi¹, Md. Hemayatul Islam, **Md. Niyamat Ullah**¹, Shah Md. ZiqrulHaq Chowdhury² and Md. Rafiqul Islam, 2019. Estrus synchronization by hormone to increase the reproductive performance of anestrus cows in Bangladesh. Proceedings The coastal Vet Society Bangladesh 2nd Annual Scientific Conference, PSTU campus, Babugong, Barisal, 16 feb 2019. Page no: 23 ***Corresponding author's e-mail: jalalnusa@yahoo.com**.
12. Md. Jalal Uddin Sarder, Md. Hemayatul Islam, **Md. NiyamatUllah**, Soniya Akter Nishi and Md. Reazul Islam, 2019. Estrus synchronization in anestrus cows by using different protocols for the improvement of reproductive performance. 10th One Health Bangladesh Conference. Page No-109.

13. **Md. NiyamatUllah,^aMdHakimulHaque,^a Shah MdAbdurRauf,^a Syed SarwarJahan,^a S M Kamruzzaman, 2018** . Handling of surgical affections of domesticated animals in different upazilla of Rajshahi, Bangladesh. The 4th National DVM Intern Research Conference. Faculty of Veterinary and Animal Sciences, CVASU, Chittagong. Volume 4, page no: 66.



01. Photograph:

02. Name: Rokshana Ara Ruhi

03. Research Title: Production of Biocompatible Nanoparticles and Evaluation of their *In vitro* and *In vivo* Efficacy for Potential Use in Biomedical Science

04. Supervisor Name & Address:

Dr. Md. Abu Reza, Professor, Genetic Engineering and Biotechnology, Rajshahi University

05. Co-supervisors Name & Address:

a) Dr. Md. Anwarul Kabir Bhuiya, Professor, Materials Science and Engineering, Rajshahi University

b) Dr. Ananda Kumar Saha, Professor, Zoology, Rajshahi University

06. Information about Researcher: Completed B.Sc., M.S. & M.Phil. from Zoology Department, University of Rajshahi.

07. List of Research Publication:

- viii. Saha, A. K., Rahman, S. M. A., Mohanta, M. K., Haque, M. F., Naz, S. and **Ruhi, R. A.** 2016. Isolation and Characterization of Arsenic Resistant Bacteria from Contaminated Soil. *Asian J. Adv. Basic Sci.* **4(2)**: 113-122.
- ix. **Ruhi, R. A.**, Saha, A. K., Rahman, S. M. A., Mohanta, M. K., Sarkar, S. R., Nasrin, T. and Haque, M. F. 2017. Decolourization Of Synthetic Melanoidin By Bacteria Isolated from Sugar Mill Effluent. *Univ. J. Zool. Rajshahi. Univ.* **36**: 12-21.
- x. Saha, A. K., Zehad, M. R. A., Mohanta, M. K., Haque, M. F., **Ruhi, R. A.** and Rahman, S. M. A. 2018. Isolation and Characterization of Melanoidins Degrading Bacteria from Sugar-Mill Effluent. *Indian Journal of Biological Sciences.* **24**: 99-114.
- xi. Rahman, S. M. A., Saha, A. K., **Ruhi, R. A.**, Haque, M. F. and Mohanta, M. K. 2019. Decolourization Of Textile Azo Dye Direct Red 81 By Bacteria from Textile Industry Effluent. *Int.J.Curr.Microbiol.App.Sci.* **8(4)**: 1742-1754.
- xii. Nasrin, T, Saha, A. K., Mohanta, M. K. Chaity, A, S., Rahman, S. M. A., **Ruhi, R. A.**, Sarkar, S. R. and Haque, M. F. 2019. Decolourization of Azo Dye by Indigenous Bacteria and Its Impact on Seed Germination. *Int.J.Biosci.* **14(6)**: 197-210.
- xiii. Sarker, S. R., Saha, A. K., Mohanta, M. K., Chaity, A. S., Nasrin, T., **Ruhi, R. A.**, Rahman, S. M. A. and Haque, M. F. 2019. Bacteriological Evaluation of Drinking Water of Rajshahi City, Bangladesh. *American Scientific Research Journal for Engineering, Technology and Sciences (ASRJETS).* **59 (1)**: 230-243.

08. Address: Molecular Biology and Protein Science Laboratory, South Block. #3rd Floor, Sir Jagadish Chandra Bose Academic Building (3rd Science Building), University of Rajshahi, Bangladesh

09. E-mail: ruhi910@yahoo.com

10. Mobile Number: +8801722030585

Name of the Researcher : Shamim Ahmed

Research Title : IDENTIFYING THE SOURCE OF GROUNDWATER RECHARGE AND CAUSES OF WATER SCARCITY IN CHAPAI NAWABGANJ OF BANGLADESH USING ISOTOPES AND ARTIFICIAL NEURAL NETWORK



Session : 2021-2022

Name Supervisor : Dr. Khondaker Emamul Haque

Address of the Supervisor : Professor,
Department of Geology and Mining
University of Rajshahi
Rajshahi-6205
Cell Phone No. 01712787544
Email: emamul_geology@yahoo.com

Co-supervisor name and address:

(a) Co-Supervisor: Dr. S.M. Shafiuzzaman, Professor, Institute of Environmental Science, University of Rajshahi, Rajshahi-6205, Bangladesh.
Contact: +88 01914 254419 / Email: shafiuzzaman@yahoo.com

Email of the Researcher : shamim.ru26@gmail.com

Mobile Number : 01767058127

Researcher's identity :

I'm Shamim Ahmed. I'm from Sirajganj. I completed graduation and post-graduation from department of Geology and Mining, University of Rajshahi in 2017 and 2018 consequently. Now I'm studying at the Institute of Environmental Science as M.Phil fellow (Id. 21106, Reg. 2210686501). I am good at Arc GIS, SPSS, AquaChem, Origin Lab, Grapher, Adobe Illustrator, Rockworks and Microsoft office program. My interested research fields are: Isotope hydrology, groundwater geochemistry, groundwater modeling, groundwater contamination and its impact on human health. I want to be a good researcher.

**Honorable Director
Institute of Environmental Science
University of Rajshahi, Rajshahi-6205.**



Dear Sir,

With due honor, I would like to inform you that, myself Md. Shazzadur Rahman, ID: 2210686504, a proud researcher of your institute. My research progress is pleased from my point of view and within December 2023 i would like to complete my running M. Phil. Program.

Herewith I attached the necessary document for little identification.

Thank you, Sir.

1. Photo:

2. Md. Shazzadur Rahman

ID: 2210686504

Session: 2021-2022

3. Title of my research:

“Occurrence and distribution of arsenic in core sediment and groundwater of Meherpur District, Bangladesh”.

4. Supervisor name and address:

Supervisor: Dr. A. H. M. Selim Reza, Professor, Department of Geology and Mining, University of Rajshahi, Rajshahi-6205, Bangladesh. Contact: Cell: +88 01749025797 /Email: sreza69@yahoo.com

5. Co-supervisor name and address:

(a) Co-Supervisor: Dr. S.M. Shafiuzzaman, Professor, Institute of Environmental Science, University of Rajshahi, Rajshahi-6205, Bangladesh. Contact: +88 01914 254419 / Email: shafiuzzaman@yahoo.com

6. Address of Researcher:

I am hereby addressing myself Md. Shazzadur Rahman, M.Phil. Fellow, Institute of Environmental Science, University of Rajshahi. I have completed my MS (2018) and B. Sc (2017) degrees from Department of Geology and Mining with outstanding CGPA of **3.97** and **3.86**, respectively and obtain **1st position** in both examination. I am good at in English and I have knowledge on SPSS, AquaChem, PHREEQC, Origin Lab, Arc GIS, Adobe Illustrator, Adobe Photoshop and Microsoft office program. My interested research keynote is as follows:

- **Arsenic Geochemistry**
- **Groundwater Quality for Drinking and Irrigation**
- **Rock-water Interaction**
- **Hydro-chemical processes**
- **Source identification**
- **Potential health risk assessment**

Contact: Cell: +88 01712 895553; Email: shazzad_geol@yahoo.com

7. Publication

(1) **Rahman MS**, Reza AHMS*, Ahsan MA, Siddique MAB (2023) **Arsenic in groundwater from Southwest Bangladesh: Sources, water quality, and potential health concern.** HydroResearch 6 (2023) 1–15; <https://doi.org/10.1016/j.hydres.2022.12.001>. Publishers: Elsevier, IF: -

(2) **Md. Shazzadur Rahman**, A. H. M. Selim Reza*, Md. Abu Bakar Siddique, Md. Ahedul Akbor, Mehedi Hasan (2023). **Accumulation of arsenic and other metals in soil and human consumable foods of Meherpur district, southwestern Bangladesh, and associated health risk assessment.** Environmental Sciences Europe, 35:47; <https://doi.org/10.1186/s12302-023-00751-2>. Publishers: SpringerOpen, IF: 5.48.



1. সাম্প্রতিক তোলা 1 কপি পাসপোর্ট সাইজের ছবি: ছবি সংযুক্ত
2. গবেষকের নাম: Md. Zahidul Islam
3. গবেষণার শিরোনাম: Source and Mobilization Mechanism of Iron, Manganese and Lead in Groundwater of Northwestern Bangladesh
4. তত্ত্বাবধায়কের নাম And ঠিকানা: Professor Dr. Goalm Mostofa , Institute of Environmental Science, University of Rajshahi.
5. Co তত্ত্বাবধায়কের নাম And ঠিকানা:
6. গবেষকের পরিচিতি ৪০ শব্দের মধ্যে: My home district is Sirajganj. I have completed B.Sc. (Honors') and M.Sc in Chemistry (Obtained First Class in both) from Dhaka College under National University and Joined BCS (General Education) Cadre in 28th BCS. Now I am Assistant Professor.

7. গবেষকের প্রকাশনা (যদি থাকে) তালিকা:

1. Yield of garlic (*Allium Sativum L.*) under different levels of zinc and boron
MR Islam, MK Uddin, MHR Sheikh, MAK Mian, MZ Islam. SAARC Journal of Agriculture 10 (1), 55-62
2. Marine Pollution and its Impact on Fishes
MZ Islam, MG Mostafa, BSMRMU International Seminer 2022
3. Inclusion of Red Seaweed (*Hypnea Musciformis*) Improves Nutritional Quality of Vegetable Salad.
MDE HOQ, MA HAQUE, J HASAN, MDZ ISLAM, MDM ISLAM, Bangladesh Journal of Fisheries 32 (2), 369-371
4. Effect of Different Sources of Potassic Fertilizers on Quality Attributes of Tomato
MH Rashid¹, MK Alam², A Huda³, MN Yousup⁴, M Z Islam⁵, International Journal of BioResearch 9 (Intl. J. BioRes.9 (3): 41-47

5. EFFECT OF DIFFERENT SOURCES OF POTASSIC FERTILIZERS ON YIELD AND YIELD ATTRIBUTES OF TOMATO

MER MH Rashid, MK Alam, M A Islam, M Z Islam, International Journal of BioResearch. J. BioRes.9 (4): 10-15

6. গবেষকের কর্মস্থল ঠিকানা, -ডাক And মোবাইল নম্বর:

Assistant Professor (Chemistry)

OSD (Deputation)

Directorate of Secondary and Higher Education, Bangladesh, Dhaka.

and PhD Fellow (Full Time)

Institute of Environmental Science

University of Rajshahi.

Email- zahidchem82@gmail.com/t00686@nu.ac.bd, 0171720521



Name :Md. Aktaruzzaman

Research Title :Removal Of Heavy Metals From Drinking Water By Surface Modified Aluminum Oxide Nanoparticles

Supervisor Name and Address : **Dr. Sayed M A Salam**
Professor
Dept. of Applied Chemistry and Chemical Engineering
University of Rajshahi

Name of Cosupervisor and Address: **Dr. Md. Golam Mostafa**
Professor
Institute of Environmental Science, Rajshahi University

About Researcher : Completed bachelor and masters degree in Applied Chemistry and Chemical Technology from the University of Rajshahi. Now working as a teacher at Govt. college and doing research as aM.Phil fellow(session:2022-2023) in IES, RU. Research interest is in the field of Environmental Pollution and Pollution Control Techniques, Nanomaterials and Nanocomposites.

Address of the Researcher: Assistant Professor(Chemistry), OSD(DSHE), Abdul Goni Road, ShikkhaVaban, Dhaka. Email: akhtrmphl@yahoo.com, Mobile: 01721462665.

Name : Md. Anowar Hossen



Research title : “Emerging pollutants in industrial wastewater and their impacts on the environment”

Supervisor : Dr. Md. Golam Mostafa
Professor
Institute of environmental science
University of Rajshahi

Co-supervisor : Dr. Golam Sabbir Sattar
Vice Chancellor
University of Rajshahi

Brief introduction : I’m an Assistant Professor of Chemistry and a former student of RU. In 2004, I entered RU and majored in chemistry. The four-year-long honors, and one-year-long masters along with additional one-year-long thesis laid a solid foundation in science for me.

Address : Assistant professor of chemistry
OSD, Directorate of secondary and higher education (DSHE), Bangladesh, Dhaka.

Email address : Mdanowarhossen87@gmail.com

Mobile phone :

+8801303853905

Brief Profile of ANUPAM ROY



Name	:	Agriculturalist Anupam Roy
Research Title	:	IMPACTS OF TOBACCO PRODUCTION, PROCESSING AND CIGARETTE MANUFACTURING ON THE ECOSYSTEM
Supervisor's Name and Address	:	Dr. Md. Golam Mostafa Professor Institute of Environmental Science (IES) University of Rajshahi, Rajshahi-6205
Co-supervisor's Name and Address	:	Dr. Sabrina Naz Professor Institute of Environmental Science (IES) University of Rajshahi, Rajshahi-6205
Brief Profile	:	I'm Anupam Roy. I passed S.S.C and H.S.C examination with first division from science group and got admission in BAU under the Faculty of Agriculture in 2001-02 sessions and I completed my B.Sc.Ag. (Hon's) and M.S. degree, then I joined BCS (Agriculture) cadre through 28th BCS. Currently I am doing research as an M.Phil. Fellow under IES, RU.
Publications	:	<ul style="list-style-type: none">• Roy, A., Rahman, L., Iqbal, A., Rahman, M. M. and Hossain, M. R. 2009. Genetic Diversity Estimation through RAPD in Inter Varietal <i>Brassica</i> Population. International Journal of BioResearch. 6(5):64-71.

	<ul style="list-style-type: none"> • Roy, A., Rahman, L., Hossain, M. R., Ferdous, M. J. and Iqbal, A. 2009. Morpho-molecular Characterization and Genetic Diversity Estimation in Inter Varietal <i>Brassica</i> through Morphological Traits and RAPD. Bangladesh Journal of Progressive Science and Technology. 7(2):199-204. • Iqbal, L., Rahman, L., Kabir, M. H., and Roy, A. 2008. Molecular Characterization of Inter and Intra-Species <i>Brassica</i> Progeny Lines with RAPD Marker, Bangladesh Journal of Plant Breeding Genet. 21(2): 01-08.
Address of working place	: Additional Deputy Director (LR) Administration and Finance Wing Department of Agricultural Extension Khamarbari, Farmgate, Dhaka-1215.
e-mail Address	: anupamdae28@gmail.com
Cell Phone No.	: 01717072071

Brief Profile of Md. Ashraful Alam



1.Name: Md. Ashraful Alam

2.Supervisor: *Dr. Syed Zabid Hossain*

*Professor, Department of Accounting and Information System
University of Rajshahi.*

3.Co Supervisor: **Professor Dr. S.M. Shafiuzzaman**

Institute of Environment Science, University of Rajshahi.

4.E-mail: ashraful24@yahoo.com

5.Mobile Number: 01716422638

6. **Research Title: STATUS OF GREEN FINANCING AND ITS IMPACT ON
BANK PROFITABILITY IN BANGLADESH**

Brief Profile:

Md. Ashraful Alam, Assistant Professor, Department of Management, DSHE, Ministry of Education, Bangladesh, Dhaka. He passed SSC and HSC from science background in 1992 and 1994 respectively. He then obtained prestigious BBA and MBA from Islamic University, Kushtia. Now he is a MPhil fellow at IES, University of Rajshahi and expected to complete PhD.



Name : AsmaSiddiqa

Research Title :GREEN SYNTHESIS OF MAGNETITE-MAGHEMITE NANOCOMPOSITE ADSORBENTS COATED WITH LEAF EXTRACT FOR REMOVAL OF HEAVY METALS FROM DRINKING WATER

Supervisor Name and Address :Dr. Md. Golam Mostafa
Professor
Institute of Environmental Science, Rajshahi University

About Researcher : Completed bachelor and masters degree in Chemistry from the University of Chittagong. Now working as assistant professor at Govt. college and doing research as a Ph.D. fellow(session:2022-2023) in IES, RU. Research interest is in the field of Environmental Pollution and Pollution Control Techniques, Nanomaterials and Nanocomposites. Published two research articles on monosaccharide having Citations 17 and h-index 2 in ResearchGate.

Address of the Researcher: Assistant Professor(Chemistry), OSD(DSHE), Abdul Goni Road, ShikhaVaban, Dhaka. Email: asmasiddiqactg@gmail.com, Mobile: 01710465901.

List of publications including books and articles in standard journals

RESEARCHH WORKS

(A) PUBLISHED

1. Synthesis spectral characterization and biological studies of some newly acylatedcarbohydrate derivatives. OPEN access JOURNAL, Volume 2, Issue 4, 2012, 392-400 , ISSN 2069-5837.
2. Synthesis, Spectral and Antimicrobial Screening Studies of Some Acylated D-Glucose Derivatives .Article in Rajiv Gandhi University of Health Sciences Journal of Pharmaceutical Sciences • October 2012, DOI: 10.5530/rjps.2012.3.12

Biodata of **BAKUL KUMAR GHOSE**



Fellow Name: **Bakul Kumar Ghose**

Research Title: Study of Ecosystem-based Adaptation for Watershed Management in Dry

Land Barind Tract, Bangladesh

Session: 2022-2023

Registration No: 2311186505

Supervisor: **Chowdhury Sarwar Jahan, PhD**

Professor

Department of Geology and Mining

University of Rajshahi

E-mail: sarwar_geology@yahoo.com

Co-supervisor: **Md. Redwanur Rahman**

Professor

Institute of Environmental Science

University of Rajshahi

E-mail: redwan_rahman@ru.ac.bd

Fellows E-mail: bkgghose.gm.ru@gmail.com

Contact No: [+8801725-822986](tel:+8801725-822986)

Brief introduction of researchers:

I am Bakul Kumar Ghose, former Hydrogeologist of Farhad consultancy farms under DPHE projects and a former student of Geology and Mining University of Rajshahi. I was also working in the Department of Fisheries under Union Project, Phase (II). I was born in the village Chhatian gram under the Upazila at Adamdighi and district of Bogura. My B.Sc.(honors) academic session was 2005-2006 in the subject of Geology and Mining and completed the four-year long honors and one-year-long masters laid a solid foundation in Geology and Mining for me. Now I interested to work in international organization on Water Resource Management, Ecology, Ecosystem and Environmental research. To achieved my goal Institute of Environmental Science(IES) give me a chance to fulfil my target, So I really grateful to IES, RU.

PERSONAL PROFILE

Name	: BAKUL KUMAR GHOSE
Father's Name	: Narendra Nath Ghose
Mother's Name	: Kalpana Rani
Date of Birth	: 25 th May, 1987
Place of Birth	: Chhatiangram, Bogra.
Sex	: Male
Religion	: Sonaton (Hindu)
Blood Group	: A ⁺

Marital status : Married
Nationality : Bangladeshi by Birth
National ID No. : 8222085493
Permanent & Mailing Address : Vill.-Chhatiangram, P.O-
Chhatiangram(5942)
Upazila.-Adamdighi, Dist- Bogura, Bangladesh.



Researcher: Golam Mohammad Nur

Session: 2022-2023 (PhD Research Fellow)

Reg. No: 2313086513

Research Title: "SOCIO-ENVIRONMENTAL MANAGEMENT OF HARIJAN LIVELIHOOD IN RAJSHAHI, BANGLADESH"

Supervisor: Dr. Md. Redwanur Rahman, Professor, Institute of Environmental Science, University of Rajshahi.

Co-Supervisor: Dr. S. M. Shafiuzzaman, Professor, Institute of Environmental Science, University of Rajshahi.

Information of the researcher: My hometown is Rajshahi, where I completed my SSC and HSC examinations under the Rajshahi Education Board in 1998 and 2000 respectively. Later, I pursued my BBA and MBA degrees from the Department of Management Studies at the University of Rajshahi, graduating in 2005 and 2008 respectively. In 2011, I joined the 29th BCS in the General Education Cadre. Currently, I hold the position of Assistant Professor in the Management Department and also serve as OSD at DSHE, Ministry of Education, Bangladesh.

Publication of the researcher:

1. "Social Exclusion and Multiple Discriminations of Harijan Community in Rajshahi, Bangladesh."

DOI: [10.1729/Journal.36311](https://doi.org/10.1729/Journal.36311)

2. "Health Hazards and Occupational Safety of Harijan Scavengers in Rajshahi, Bangladesh". DOI: [10.55248/gengpi.4.1023.102632](https://doi.org/10.55248/gengpi.4.1023.102632)

3. "SOCIO-ECONOMIC CONDITIONS OF HARIJAN COMMUNITY IN RAJSHAHI, BANGLADESH". IES-Vol10-No2-p51-64, August 2023.

Designation and workplace of the researcher: Assistant Professor, Department of Management, OSD, DSHE, Ministry of Education, Bangladesh.



1.Name:Md. Durul Huda

2.Research title: “ Impact of pesticides and different environmental stressors on biodiversity in Beel koshba, Naogaon , Bangladesh”

3.Supervisor: Dr. M. Habibur Rahman
Professor, Department of Zoology, University of Rajshahi

4.Co-supervisor: Dr. Sabrina Naz
Professor and Director, Institute of Environmental Science,
University of Rajshahi
Dr. Md. Redwanur Rahman
Professor, Institute of Environmental Science,
University of Rajshahi

5.Brief Profile: My name is Md. Durul Huda. I am native to Dinajpur District.

I have completed my graduation and post-graduation from Rajshahi University under the department of Zoology. Now I am working as a Assistant Professor at Rajshahi University School. Demonstration unit-1 IER ,RU.

6.Address: Assistant Professor
Rajshahi University School,
Demonstration unit-1 IER ,RU.

7.E-mail: durul.zoolru@yahoo.com

8.Cell phone: +8801311997326

List of Publications:

1. **Huda, M. D.** Ashaduzzaman, Rahman M. A. Neela, F. A. Sultana, S. Akter, S. Alam, M. M. and Rahman, M. H. (2016). Effect of carbofuran on mortality and histo-pathological lesions in different

vital organs of *Channa punctatus*
(Bloch). *Univ. J. zoo. Rajshahi. Univ. Vol. 35*, pp. 43-52

2. Ashaduzzaman, **Huda, M. D.** Rahman, M. A. Hossain, M. M. Neela, F.A. Sultana, S. Akter, S. Rahman, M. H. (2016). Effect of carbofuran on Haematological parameters of *Channa punctatus* (Bloch). *International Journal of Pure and Applied Zoology Volume 4, Issue 3*, pp: 282-288,
3. Ashaduzzaman, **Huda, M. D.** Haque, E. Khan, A. R. Hossain, M. M. Rahman, M. A. Sultana, S. Akter, S. Neela. F. A. Rahman, M. H. (2014). Effect of insecticide on morphological changes of red blood cells of *Channa punctatus* (Bloch). *J. Life Earth Sci., Vol. 9*: 85-89,
4. Ashaduzzaman, Hossain, M. J. **Huda, M. D.** Akter, S. (2015).
A Checklist and abundance of phytoplankton in ramsagardighi, Dinajpur, Bangladesh *J. Life Earth Sci., Vol. 10*: 51-56,
5. Parveen, S. Ashaduzzaman, **Huda, M. D.** Sultana, S. Mahezabin, F. (2014). D
isease pattern and socio-demographic profile of urban slum dweller in Dhaka city *Univ. J. Cool. Rajshahi. Univ. Vol. 33*, pp. 113-119

(Md Durul Huda)

Session: 2022-2023

Information of Md. Ohidur Rahman

Name :**Md. Ohidur Rahman**

PhD Fellow, IES, RU.

ID. No. : 22210

Reg: No. :2313086520



Resear
ch

Title:ASSESSMENT OF MICROPLASTICS POLLUTION IN SURFACE WATER AND ITS IMPACTS ON FISHES

Supervisor: Professor Dr. Md. Golam Mostofa

Institute of Environmental Science

University of Rajshahi.

Email: mgmostafa@ru.ac.bd; mostafa_ies@yahoo.com

Co-Supervisor: (1) Professor Dr. Md. Sultan-Ul-Islam

Pro- Vice Chancellor

University of Rajshahi.

(2) Professor Dr. Shahed Zaman

Department of Chemistry

University of Rajshahi.

Brief Introduction: I am an Associate Professor of Chemistry. I'm a former

student of Applied Chemistry and Chemical Technology,

University of Rajshahi, Rajshahi. I got myself admitted in

1991-1992 session in this university. I completed my B.Sc

(Hons.) in 1994 and M.Sc(Thesis) in 1995 successfully.

Address: Associate Professor of Chemistry .

OSD, Directorate of Secondary and Higher

Education(DSHE), Bangladesh, Dhaka

Email address: ohid2671@gmail.com

Mobile No: 01716285405

2. Researcher: Pramath Chandra Sarker, Id: 2313086519, Session: 2022-23, PhD Fellow, Institute of Environmental Science (IES), University of Rajshahi

3. Research Title: EFFECT OF PERCEIVED NOISE ON MENTAL HEALTH AMONG METROPOLITAN CITY DWELLERS, BANGLADESH.

4. Supervisor: Professor Dr. Sabina Sultana, Dept. of Psychology, University of Rajshahi

5. Co-supervisor: Dr. Md. Nur-E-Alam Siddique, Associate Professor, Dept. of Psychology, University of Rajshahi

6. Short description of researcher: Mr. Sarker is working as an Assistant Professor in Psychology under the Dept. of Psychology, Rajshahi Govt. College (Affiliated with National University, Gazipur, Bangladesh), Bangladesh and PhD fellow, Institute of Environmental Science (IES), University of Rajshahi. He obtained a Hons and master's degree from dept. of Psychology, University of Rajshahi. He is interested in doing research in the different fields of Positive Psychology, Health Psychology, Environmental Psychology, Educational Psychology, Clinical Psychology, and Public Health.

7. His published research works are –

1. **Sarker, P. C.,** Sugawara, D., & Nishad, M. F. R. (2022). The mediating role of hope in relation with fear of COVID-19 and mental health: A study on tertiary level students of Rajshahi District. *Health Science Reports*, 5(5), e836. Doi: 10.1002/hsr2.836
2. Pal, S. K., & **Sarker, P. C** (2022). Promoting Education to Expand Awareness and Perception on Corporate Social Responsibility (CSR). *Journal of Social Sciences*. 71(1-3):25-34. DOI: 10.31901/24566756.2022/71.1-3.2298
3. Pal, S. K., **Sarker, P. C.,** & Odhikari, S. C. (2022). Raising Perceptions on Corporate Social Responsibility for Achieving Sustainable Development Goals. *Business and Economic Research*, 12(1). DOI: 10.5296/ber.v12i1.19223
4. **Sarker, P. C.,** Siddique, N. E. A., & Nishad, F. R. (2021). The Status of Job Satisfaction and Mental Health of Govt. and Non-Govt. College Teachers of Rajshahi City, Bangladesh. *International Journal of Indian Psychology*, 9(3), 842-852. DOI: 10.25215/0903.078
5. **Sarker, P. C.** (2021). Factors Influencing the Job Satisfaction of the Government and Non-Government College Teachers: A Study of Rajshahi District in Bangladesh. *Rajshahi College Journal of Social Sciences*.
6. **Sarker, P. C.** (2018). The Mental State of the XI & XII Grade Students in Relation to Happiness and Hope. *International Journal of Indian Psychology*, 6(4), 141-153. DOI:10.25215/0604.097
7. Siddik, A. B., Lata, H. A., & **Sarker, P. C.** (2018). TRISENSORY BACKWARD DIGIT SPAN IN MIDDLEHOOD. *Matters of Behavior*, 6 (7), 14-19.

His unpublished research works are –

1. Siddik, M. A. B. & **Sarker, P. C.** (2022). Development of Tri-sensory Backward Digit Span in Terms of Ages.

2. Nishad, F. R. & **Sarker, P. C. (2021)**. Factors Contributing to Fear of COVID-19 and its consequence in Mental Health. *Psychological Studies*. Manuscript Number: PSYI-D-21-00514 (**Accepted**)
3. **Sarker, P. C.**, Sarker, L. K., Mithu, M. M. R & Pal, S. K. (2022). Improving Essay Writing Skills of Honors 2nd Year Students of Rajshahi College, Rajshahi
4. **Sarker, P. C.**, & Pal, S. K. (2022). Engagement and Satisfaction of Flipped Classroom of Undergraduate Students at Rajshahi College, Rajshahi

Present address:

Assistant Professor (Psychology), OSD, Deputation, DSHE, Dhaka, Email: pramath588@gmail.com, Mobile No.: 01714925923

Biodata



1. Name of Researcher:

Md. Rozi Uddin
Session: 2022-2

2313086514

Roll No.: 22204

2. Title of the Research:

Estimation of Willingness to Pay for Ecosystem Services of Chalan Beel in Bangladesh: Application of Contingent valuation Method

3. Name and Address of Supervisor:

Professor Dr. Md. Elias Hossain,
Department of Economics, University of Rajshahi.

4. Name and Address of Co- Supervisor:

Professor Dr. Md. Redwanur Rahman,
Institute of Environmental Science,
University of Rajshahi.

5. Identity of Researcher:

Lecturer of Economics (33rd BCS) and
OSD in Directorate of Secondary &
Higher Education (DSHE). Ex. Student of
Department of Economics, University of
Rajshahi.


6. Publications:

7. Working Place, Email and Mobile: Directorate of Secondary & Higher
Education (DSHE), rose2028@gmail.com and 01721562056



2. Name : **Mst. Tasnima Khatun**
3. Research title : GANGES RIVER DOLPHIN *Platanista gangetica* IN THE LOWER GANGETIC PLAINS: POPULATION AND CONSERVATION PERSPECTIVES
4. Supervisor : Dr. Shams M. Galib
Associate Professor
Department of Fisheries, University of Rajshahi
Email: thegalib@ru.ac.bd
5. Co-supervisor : Dr. Sabrina Naz
Professor and Director
Institute of Environmental Science
University of Rajshahi
Email: drsabrina_naz@ru.ac.bd
6. Brief introduction : Mst. Tasnima Khatun is a M.Phil research fellow of Institute of Environmental Science, University of Rajshahi. Her research primarily focuses on the abundance and richness of aquatic fauna, especially fishes, in freshwater environments. In addition, she is also interested in understanding the changes in fish diversity in response to human interventions.
7. Publications : Paul D, **Khatun MT**, Parvez MT, Haque SM & Ahmed ZF (2021) Length-weight relationships and growth pattern of *Macrobrachium malcolmsonii* (H. Milne-Edwards, 1844) from the river Old Brahmaputra, Bangladesh. Journal of Fisheries 9(3): 93204

Galib SM, Naher S, Arnob SS, **Khatun MT**, Parvez MT, Mohsin ABM, Sun J & Lucas MC (2023) Stakeholders' knowledge of fish threatened species and their participation in the value chain in developing world: a case study from Bangladesh. Frontiers in Freshwater Science (revision submitted)
8. Address : Bangamata Sheikh Fazilatunnesa Hall
University of Rajshahi
Email: tasnim8233@gmail.com
Mobile no.: +8801742-821410

Photo	:	
Name	:	MST. YESMIN ABIDA
Research title	:	IMPROVEMENT OF LENTIL (<i>Lens culinaris</i> MEDIK) GENOTYPES AGAINST DROUGHT STRESS ADDRESSING THE BARIND TRACT IN BANGLADESH.
Supervisor	:	Dr. Md. Aminul Hoque Professor Department of Agronomy & Agricultural Extension Faculty of Agriculture University of Rajshahi Rajshahi - 6205 Bangladesh. Email: aminulh2@yahoo.com Mobile: 01716961914
Co-Supervisor	:	Dr. Abul Kalam Azad Professor Institute of Environmental Science University of Rajshahi Rajshahi - 6205 Bangladesh.
Brief introduction	:	Now I am working as a scientific officer (Plan Breeding) in a research organization namely Bangladesh Agricultural Research Institute. I obtained BScAg (Hon's) and MS (Genetics and Breeding) from University of Rajshahi. I will develop a range of research skills relevant to my project like biotic and abiotic stress tolerant crop varieties development addressing farmer. In my working area I will be able to learn more and update myself about research field and want to contribute more in development of my country.
Address	:	Fruit Research Station, Bangladesh Agricultural Research Institute, Binodpur, Rajshahi, Bangladesh E-mail: yabidalia@gmail.com Cell no.: +8801797298168
E-mail	:	yabidalia@gmail.com
Mobile no.	:	01797298168
List of Publications:	:	M.Y. Abida , M.S. Hossain, S.M.M. Alam , M. N. A. Siddquie, M. Z. Hossain and I. M. Ahmed Screening of wheat genotypes for drought tolerance at High Barind Tract, International Journal of Natural and Social Sciences, 2021. 8(4): 66-76, M.Y. Abida , M.S. Hossain, S.M.M. Alam, M. N. A. Siddquie

Effect of planting time on quality seed production of onion in high Barind tract, International Journal of Biosciences, 2022 .20 (4): 132-136,

M. A. Zaman, M. N. A. Siddque, M. Mahbubur Rahman, **M.Y. Abida**, M. J. Islam, Divergence analysis of drought tolerant genotypes of wheat (*Triticum aestivum* L.), Bangladesh Journal of Agricultural Research. 2014. 39(3): 385-396,

Md. Aminul Islam, Md. Zakir Hossain, Mosharaf Hossain, **Mst. Yesmin Abida**, Sayeda Bodrun Nesa, Md. Nasirul Farid, Md. Abdus Salam, Banana pseudo-stem fiber yield and properties, International Journal of Natural and Social Sciences, 2017. 4(4): 76-82

M.S. Hossain, S.M. Alam, **M.Y. Abida**, M.K. Hasan , A.S.M.M.R. Khan, Productivity and Nutrient Balance of Lentil-Mungbean-T. aus-T. aman Rice Cropping Pattern in High Barind Tract, Bangladesh Agronomy Journal, 2018. 21(1): 105-115

Md Nur-E- Alam Siddque, **Yesmin Abida** , Md Jahedul Islam , Mazharul Anwar , S M Mahbubul Alam, Genetic diversity in wheat genotypes under early heat stress in Bangladesh, Fundamental and Applied Agriculture, 2020. 5(4): 568–575

Md Nur-E- Alam Siddque , Md Jahedul Islam , Mazharul Anwar , **Yesmin Abida** , Md Sajedur Rahman Fertilizer recommendation for puddling garlic cultivation: An approach to optimize fertilizer use and enhance sustainable yield and income, Fundamental and Applied Agriculture, 2020. 5(4): 513–520

Scientific Note

M.Y. Abida, F. Tabassum, S. Zaman, S.B. Chhabi, N. Islam, Biological screening of *Curcuma longa* L. for insecticidal and repellent potentials against *Tribolium castaneum* (Herbst) adults, Univ. j. zool. Rajshah, 2010. 28 :69-71, 2010.

Proceedings

M. Y. Abida, A. A. Khan, M. A. A. Mamun, N. A. Siddque and M. M. Rahman Estimation of genetic diversity in spring wheat genotypes (*Triticum aestivum* L.), Plant Breeding and Genetic Society of Bangladesh, 11th Biennial Conference 2019, p-68



Name: Zannatun Tazri

Research title: ASSESSMENT OF TRACE METALS CONTAMINATION AND NUTRITIONAL VALUES OF FISH SPECIES FROM THE LOWER GANGES, BANGLADESH

Supervisor: Professor Dr. Sabina Sultana

Department of Zoology

University of Rajshahi

Co-supervisor: Dr. Sabrina Naz

Professor and Director

Institute of Environmental Science

University of Rajshahi

Brief introduction: I am Zannatun Tazri, an MPhil fellow at Institute of Environmental Science, University of Rajshahi. I completed my graduation and post-graduation from Department of Fisheries, University of Dhaka. I did a thesis work on trace metal contamination of the Padma River.

Email address: tazrizannatun@gmail.com

Mobile number: 01752797579