



Israt Jahan

Date of birth: 18/08/1995 | **Nationality:** Bangladeshi | **Gender:** Female |

Phone ##### | israt18@yorku.ca |

York University, 4700 Keele Street, ON M3J1L3, Toronto, Canada

About me: A graduate student highly motivated to develop her career in science as a researcher by employing her knowledge and skills at the molecular level of plants.

● EDUCATION AND TRAINING

07/09/2021 – CURRENT – York University, Keele Street, Toronto, Canada
MSC – York University

06/2018 – 01/2020 – Mymensingh, Bangladesh
MASTER OF SCIENCE IN GENETICS & PLANT BREEDING – Bangladesh Agricultural University

Grade obtained: 3.98 (Out of 4.00)

12/2013 – 04/2018 – Mymensingh, Bangladesh
BACHELOR OF SCIENCE IN AGRICULTURE – Bangladesh Agricultural University

Grade obtained: CGPA: 3.885 (Out of 4.00)

2010 – 2012 – Dhaka, Bangladesh
HIGHER SECONDARY CERTIFICATE – Jamuna Sar Karkhana Ucha Madhymic Bidhalaya

Grade obtained: GPA: 5.00 (Out of 5.00)

2008 – 2010 – Dhaka, Bangladesh
SECONDARY SCHOOL CERTIFICATE – Jamuna Sar Karkhana High School

Grade obtained: GPA: 5.00 (Out of 5.00)

05/03/2019 – Mymensingh, Bangladesh
CERTIFICATE OF PARTICIPATION IN A DAY-LONG TRAINING OF POST-GRADUATE STUDENTS ON "SEED QUALITY AND HEALTH TESTING" – Professor Golam Ali Fakir Seed Pathology Centre, Bangladesh Agricultural University

● WORK EXPERIENCE

20/03/2019 – 29/01/2020
THESIS STUDENT – DEPARTMENT OF GENETICS AND PLANT BREEDING, BANGLADESH AGRICULTURAL UNIVERSITY

- Lab work experiences
- knowledge of statistical analysis
- Team work experiences

Bangladesh

13/01/2019 – 19/03/2019
UNIVERSITY RESEARCH ASSISTANT – BANGLADESH AGRICULTURAL UNIVERSITY RESEARCH SYSTEM

I worked as a Research Assistant in a short term project entitled "Impact of salinity induced ROS accumulation on pollen and spikelet fertility and yield of rice and beneficial roles of exogenous ascorbic acid in modulating salt stress tolerance". That enabled me-

- to enhance lab work experiences with modern laboratory instruments viz., centrifuge machine, water bath machine, spectrophotometer machine, vortex machine
- to work out with hydroponic culture
- to determine biochemical tests viz., Malondialdehyde (MDA), Hydrogen peroxide (H₂O₂), chlorophyll content
- to acquire professional expertise and hands-on experience.

Bangladesh

● LANGUAGE SKILLS

Mother tongue(s): BENGALI

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

- Good communication skills gained through my experience as a research assistant
- Communication skills acquired through my studies

● WORKSHOPS

28/12/2019 – 29/12/2019

"11th Biennial Conference 2019 on Plant Breeding to Face the Challenges in Agriculture" organized by ACI Centre, Dhaka, Bangladesh

Participated as a presenter

26/09/2019

"Developing Global Connections through Language Skill" held by Bangladesh Agricultural University Language Club, Bangladesh

30/07/2017 – 04/08/2017

"Extension Field Trip" organized by Department of Extension Education, Bangladesh Agricultural University, Sirajganj Sadar, Bangladesh

● COURSES

14/11/2018 – 29/11/2018

"Statistical Package for Postgraduates in Agriculture" organized by Faculty of Agriculture, Bangladesh Agricultural University, Mymensingh, Bangladesh

01/07/2018 – 12/07/2018

"Basics of MS Office" organized by Graduate Training Institute, Bangladesh Agricultural University, Mymensingh, Bangladesh

● **DIGITAL SKILLS**

MINITAB (Statistical Software) | SPSS software | Microsoft: Microsoft Excel, Microsoft PowerPoint, Microsoft Word, Microsoft Outlook

● **PUBLICATIONS**

Laboratory-and field-phenotyping for drought stress tolerance and diversity study in lentil (*Lens culinaris* Medik.).

<https://www.techscience.com/phyton/v90n3/41921/html> - 2021

Potential determinants of salinity tolerance in rice (*Oryza sativa* L.) and modulation of tolerance by exogenous ascorbic acid application.

<https://doi.org/10.25081/jp.2020.v12.6535> - 2020

Variability for agromorphological traits, genetic parameters, correlation and path coefficient analyses in lentil (*Lens Culinaris* Medik.).

<https://doi.org/10.25081/ripb.2020.v10.6237> - 2020

Phenotyping of mungbean (*Vigna radiata* L.) genotypes against salt stress and assessment of variability for yield and yield attributing traits.

<https://doi.org/10.25081/jpsp.2020.v6.6111> - 2020