

NITER



Lilufar Yeasmin

Chemistry

Bio

Applying my academic knowledge with working capability, I am enthusiastically pursuing a challenging environment to work with the scope of future progress. I would like to welcome the opportunity to work in a dynamic research team where I could make a significant contribution while developing my skills yet further. In future I want to see myself in a position from where I can contribute to the society for an inclusive, optimal & sustainable economic development.

Education

Degree Name	Group/Major Subject	Board/Institute	Country	Passing Year
M.Sc.	Chemistry	Jagannath University	Bangladesh	2021
B.Sc.	Chemistry	Jagannath University	Bangladesh	2019

Experience

Job Title	Organization	Location	From Date	To Date
Senior Teacher	Oxford Grammar School & College	Dhaka	June 2022	January 2023
Analyst	Magpie Enterprise	Dhaka	Feb 2018	Apr 2019

Research Activities

Research Experience

M.Sc. Thesis

Research Area: Catalyst Development

Research Title: Synthesis and Characterization of Anhydrous mixed metal Polynary Phosphates and Molybdates.

Research Interest

Subject	Description	Research Interest (Goal/ Target Indicator)
Catalysis Development, Natural Product Chemistry, Environmental Science, Nanotechnology.	Synthesis and modification of catalyst and its application. Extraction of compounds and their applications. Sustainable Environmental Resources. Energy Sustainability. Water Pollution and Remediation Methods.	Green Chemistry, Catalyst Development

Publications

Journal Article

SL. No-	Article Name	Link
01	“Synthesis and Characterization of Niobium and Tungsten substituted VOPO ₄ ”	DOI: https://doi.org/10.3329/jbas.v43i1.42231
02	“Substitution of V in Vanadium (V) Oxi-Phosphate with the combination of V ⁴⁺ /Nb ⁵⁺ /W ⁶⁺ ”	Oral Session, 6th Conference of Bangladesh Crystallographic Association, Dhaka (15th January 2021)
03	“Synthesis and Characterization of Substituted MIII(WVIO ₂) ₂ (PO ₄)P ₂ O ₇ where M: Ga ³⁺ , Tl ³⁺ , Sb ³⁺ , and mixture of (M' ⁴⁺ +0.5M'' ²⁺ +0.5) with M': Zr ⁴⁺ , Ti ⁴⁺ , M'': Cu ²⁺ , Co ²⁺)”	Oral, Inorganic Chemistry Symposium, Jagannath University (18th September 2019).

Conference Proceedings

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01	“Substitution of V in Vanadium (V) Oxi-Phosphate with the combination of V ⁴⁺ /Nb ⁵⁺ /W ⁶⁺ ”	Oral Session, 6th Conference of Bangladesh Crystallographic Association, Dhaka (15th January 2021)
02	“Synthesis and Characterization of Substituted MIII(WVIO ₂) ₂ (PO ₄) ₂ O ₇ where M: Ga ³⁺ , Tl ³⁺ , Sb ³⁺ , and mixture of (M' ⁴⁺ +0.5M'' ²⁺ +0.5) with M': Zr ⁴⁺ , Ti ⁴⁺ , M'': Cu ²⁺ , Co ²⁺)”	Oral, Inorganic Chemistry Symposium, Jagannath University (18th September 2019).

Award

Award Type	Title	Year	Country	Description
Fellowship	National Science and Technology (NST) fellowship	2019-2020	Bangladesh	NST Fellowship for M.Sc. Thesis
	Managing Director and CEO Medal	2012		Sonali Bank Ltd.
	Merit Scholarship	2010		Feni Zilla Samity, Chittagong
	Congratulatory Award	2010		‘Robi’ ‘Prothom Alo’
	Secondary school scholarship	2008		Cumilla Board
	Primary School Scholarship	2005		Cumilla Board

Outreach Experience

01. **Graduate Scientific Volunteer**, International Conference on recent Advances in Chemistry, February 2020, Depart. Of Chemistry, Jagannath University, Dhaka.

02. **Publication secretary, Chemistry club | Rasayan Samiti**, 2018-2019, Depart. Of Chemistry, Jagannath University, Dhaka.

03. **Participator as a Cub Scout**, 2005, 1st Cub Camporee, Fulgazi sub-district scouts, Feni.

Contact

Academic

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Institute – Faculty

Name of the Department: Electrical & Electronic Engineering

Position: Lecturer