NITER



Lilufar Yeasmin

Chemistry

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 Indicatior)
	To work at the interface of Green Chemistry & Catalytic Development.	Green Chemistry, Catalyst Development
	Additional interest in Surface Science and Nano Chemistry	Surface Science, Nano Chemistry

Publications

Journal Article

SL. No-	Article Name	Link
01	"Synthesis and Characterization of Niobium and Tungsten substituted VOPO4"	DOI: https://doi.org/10.3329/jbas.v43i1.42231

Conference Proceedings

01. Subrata Chandra Roy, **Lilufar Yeasmin**, Mahmudur Rahman, "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. Lilufar Yeasmin, "Synthesis and Characterization of Substituted $M^{III}(W^{VI}O_2)_2(PO_4)P_2O_7$ where M: Ga^{3+}, Tl^{3+}, Sb^{3+}, and mixture of $(M'^{4+}_{0.5}M''^{2+}_{0.5})$ 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

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Institute – Faculty
Name of the Department: Electrical & Electronic Engineering
Position: Lecturer