

Kaif Rashid Khan

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Education

University of Dhaka, Dhaka

Year 2014, M.S in Organic Chemistry, Department of Chemistry

Thesis Topic: “*Reactions of Substituted Benzaldehydes with 3-tolyl thiazolidine-2,4-dione in presence of Catalytic amounts of Morpholine*”

Thesis Advisor: Dr U. K. R. Romman (PhD)

University of Dhaka, Dhaka

Year 2013, Bachelors in Chemistry, Department of Chemistry

Sunnydale, Dhaka

Year 2009, Science

Academic Appointments

Independent University, Bangladesh (IUB), Bashundhara, Dhaka

School of Life Sciences

Adjunct Lecturer, May, 2016- December, 2016

Research Experience

University of Dhaka, Dhaka, Department of Chemistry

- Determination and Analysis of PM_{2.5} (Particulate Matter of 2.5 microns) from Air in Dhaka City under Professor Dr Abdus Salam
- Synthesis of Dihydropyrimidines (Anticancer Drug) via Biginelli Reaction and Characterisation of the Products by UV and IR Spectroscopy under Professor Dr U. K. R. Romman (4th Year Project)
- Synthesis of Thiazolidinediones (Antidiabetic Drug) via Knoevenagel Condensation and Characterisation of the products by UV, IR and H and C NMR under Professor Dr U. K. R. Romman (Master’s Thesis)

Honors/Awards

- Speak Up Your Research, Graduate Section, 2nd Position
- Ministry of Science and Techonolgy Scholarship for 2015

Research

The Red-Green Computing Centre, Elephant Road, Dhaka

Research Title: *Study of Goserelin and its Secondary Structures by Computational Method*

- Optimisation of Goserelin (Anticancer Drug) and its Secondary Structures Using GaussView
- Finding its Lowest Conformation by Gabedit
- Docking of the Lowest Conformers PyRx
- Non-Bonding Interactions of the Drug with Protein Discovery Studio