

Resume of
Sheikh Mohammad Sirajul Islam

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EDUCATIONAL BACKGROUND

1. **University of Dhaka** Dhaka, Bangladesh
Master of Science in Chemistry (Organic) 2009 (held in 2011)

2. **University of Dhaka** Dhaka, Bangladesh
Bachelor of Science in Chemistry 2008 (held in 2010)

3. **Savar Cantonment Public School & College** Dhaka, Bangladesh
Higher Secondary School Certificate Examination in Science Group 2004
(Graduated at the 12th year of Study)

4. **Savar Cantonment Public School & College** Dhaka, Bangladesh
Secondary School Certificate Examination in Science Group 2002
(Graduated at the 10th year of Study)

RESEARCH EXPERIENCE

- Master's Thesis: "**Chemical Investigation on Petroleum-ether Extract of the Leaf of *Avicennia alba***" (a Mangrove tree found in the coastal region of Bangladesh). Some pure compounds were isolated and characterized by applying phytochemical screening, different chromatographic and spectroscopic techniques.

- Undergraduate Project: "**Chemical Investigation on Petroleum-ether & Methanol Extracts of the Pulp of *Trichosanthes dioica***" (a popular vegetable of Bangladesh). Some compounds were isolated and characterized. In addition, the presence of sugar molecules & amino acids were detected using paper chromatography.

PROFESSIONAL EXPERIENCE

Cambrian College

Lecturer in Chemistry

(11th & 12th grade Chemistry teacher according to the national curriculum of Bangladesh)

Baridhara, Dhaka, Bangladesh

14 Jan 2012-1 Jul 2013

Narayankul Dream Model High School

Assistant Teacher (Science)

(9th & 10th grade Science teacher according to the national curriculum of Bangladesh)

Pubail, Gazipur, Bangladesh

1 Jan 2014-3 May 2014

Bangladesh Bank Currency Museum

Assistant Keeper (Conservation Laboratory)

(Job duties included to cure the ancient & distorted coinage using chemicals and applying chemical techniques)

Mirpur, Dhaka, Bangladesh

4 May 2014-31 Jul 2016

TECHNICAL SKILLS

- Experienced with different spectroscopic methods like UV, IR, NMR and also with different chromatographic techniques such as LC, PC, TLC, GC and HPLC.
- Collecting, organizing and analyzing research related issues.

COMPUTER SKILLS

- Operating System: Windows XP, Vista, 7, 8, 10
- Hardware: Computer assembling, Troubleshooting etc.
- Microsoft Office, Photoshop, ChemDraw

Date: June 6, 2017

(Sheikh Mohammad Sirajul Islam)