

Resume

Ms. Nishat Bagum

03 Jan 2020 to Current

Assistant Professor, Physics (24th BCS), OSD
Directorate of Secondary and Higher Education (DSHE), Dhaka
Mobile : +88 01817507231, Email: msnishat@gmail.com

Key Responsibilities

As an Assistant Professor, I am responsible for conducting science classes, laboratory classes, preparing lectures, taking examinations, attending meetings, organizing public examinations, arranging different national programs. In addition, I have planned science-based quiz, seminars, workshops, video conferences, study tours and produced annual reports and other progress reports time to time for my institution.

Education

Master of Education (M. Ed.)

Jan 2015 to Apr 2017

Australia Awards Scholarship (AAS) Programme
Monash University, Clayton, Australia

Master of Philosophy in Physics (M. Phil)

Apr 2003 to Jun 2008

Bangladesh University of Engineering & Technology (BUET), Dhaka
Major: Solid State Physics including thesis; Minors: X-ray, Magnetism

Master of Science (M. Sc.) (Physics)

Feb 2001 to Mar 2002

Jahangirnagar University, Dhaka, Bangladesh
Majors: Nuclear Physics, Quantum Mechanics, Electronics, Plasma, Solid State Physics

Bachelor of Science (B. Sc.) (Physics)

Nov 1996 to Feb 2001

Jahangirnagar University, Dhaka, Bangladesh
Major: Physics; Minors: Chemistry, Mathematics, Computer and Statistics

Publication

Bagum, N., Gafur, M. A., Bhuiyan, A. H., & Saha, D. K. (2010). MgCl₂ doped Cu_xZn_{1-x}Fe₂O₄ ferrite humidity sensors. *physica status solidi (a)*, 207(4), 986-992.
DOI: 10.1002/pssa.200925257

Academic Achievement and Awards

International Fellowships

15 Sep 2010 to 14 Nov 2010

- Capacity Building for Educators in Africa & Asia (ROK & UNESCO Joint Program)
Hanyang University, KOICA, APCEIU, South Korea
- Project Management Training & Certification (PMTTC) **14 Oct 2019 to 22 Nov 2019**
National Institute for Entrepreneurship and Small Business Development (NIESBUD)
Noida, India

Scholarships

- Diploma in Networking Technology (Computer) **Oct 2004 to Feb 2006**
IT Scholarship Project of Islamic Development Bank- Bangladesh Islamic Solidarity Educational Wakf (IDB-BISEW), Bangladesh
- Australia Awards Scholarship (AAS) Programme **05 Jan 2015 to 12 Apr 2017**

Professional Development Trainings

- ✓ Procurement of Goods, Works & Services **03/01/2010 to 21/01/2010**
Central Procurement Technical Unit, IMED, Engineering Staff College, Comilla
- ✓ Gender & Inclusive Education **22/01/2009 to 28/01/2009**
TQI-SEP Project, Directorate of Secondary and Higher Education (DSHE), Dhaka
- ✓ Project Management & Strategic Planning **16/11/2008 to 25/11/2008**
National Academy for Educational Management, Dhaka, Bangladesh
- ✓ Rural Development & Poverty Reduction **30/12/2007 to 03/01/2008**
Bangladesh Rural Development Training Institute, Sylhet, Bangladesh

Previous positions:

Curator, National Museum of Science and Technology (NMST), **27 Sep 2018 to 02 Jan 2020**
Agargaon, Dhaka, Bangladesh

Key Responsibilities: Curators can organize displays and exhibits, while ensuring that unique and rare specimens are preserved for future studies. Museum curators perform research; sometime play more of an administrative role, such as managing budgets. Museum curators may also be involved in publicity of the museum; have a deep appreciation for the history of science, pay attention to detail and like to be creative. Next after director and senior curator, curator coordinates overall museum activities of NMST.

Teaching Experiences

- Assistant Professor, Magura Government Girls' College, Magura, Bangladesh **18 Apr 2017 to 24 Sep 2018**
Key Responsibilities: Conducting classes, laboratory activities, preparing lectures
05 Jan 2015 to 12 Apr 2017
- Assistant Professor, Directorate of Secondary and Higher Education (DSHE), Dhaka (Study Deputation)
Key Responsibilities: Studying at Monash University, Australia (On Special Duty)
22 May 2013 to 03 Jan 2015
- Assistant Professor, Government Shah Sultan College, Bogura, Bangladesh
Key Responsibilities: Conducting classes, laboratory classes, preparing lectures
- Lecturer, Government Azizul Haque College, Bogura, Bangladesh **02 Jul 2005 to 31 Oct 2006**

Key Responsibilities

Participated in training programme, college meeting, handled 50-60+ students per class and their guardians regarding education

Experiences in Projects (offices)

05 Nov 2009 to 15 May 2013

- Project Officer, *Secondary Education Stipend Project (SESP)*, Directorate of Secondary and Higher Education (DSHE), Dhaka, Bangladesh

Key Responsibilities

- Implemented, monitored & evaluated the project activities
- Participated at different training program, workshop and reported to the office

01 Nov 2006 to 04 Nov 2009

- Project Officer, *Female Secondary Education Stipend Project (FSSP)*, Directorate of Secondary and Higher Education (DSHE), Dhaka, Bangladesh

Key Responsibilities

- Collected data from field level & processed to evaluate project implementation
- Monitored regional offices, secondary level schools

Communicative skills

- Raised awareness among girls and the community peoples to continue education through workshops and meetings that reduced dropouts of students at schools.
- Developed and supervised the implementation of project activities.
- Provided financial support for disadvantaged secondary school students through nationwide government stipend program.
- Participated in peer-mentoring program as mentor at Monash University in Australia.
- Joined voluntary program, peer mentoring program and different workshops in Australia.

Hobbies and interests

Making friends, sharing the ideas and views of different cultural communities, travelling

Referees

1. Dr. Md. Abu Hashan Bhuiyan (M. Phil Supervisor)

Professor (Retired)

Mobile: +8801712836384, Email: mahbhuiyan@gmail.com

Department of Physics

Bangladesh University of Engineering and Technology (BUET), Dhaka, Bangladesh

2. Dr. Md. Abdul Gafur (M. Phil co-Supervisor)

Principal Scientific Officer

Mobile: +8801711704363, Email: dr.abdul.gafur999@gmail.com

PP and PDC, Bangladesh Council of Scientific and Industrial Research (BCSIR),

Dhaka 1205, Bangladesh

3. Dr Raquib Chowdhury (Teacher)

Email: Raquib.Chowdhury@monash.edu

Lecturer, Faculty of Education, Monash University, Clayton VIC 3800 Australia

Phone: (+61 3) 9905 5396 Skype: raquib.monash