

## Md. Monirojjaman Monshi

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### EDUCATION

<b>MS</b>	<b>Applied Physics, Electronics &amp; Communication Engineering</b> University of Dhaka	Dhaka, Bangladesh
<b>BS</b>	<b>Applied Physics, Electronics &amp; Communication Engineering</b> University of Dhaka	Dhaka, Bangladesh

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### PROFESSIONAL EXPERIENCE

19 Nov 2009 - till now	<b>Scientific Officer</b> , Nuclear Power and Energy Division. Research and Development regarding Nuclear Power.	Bangladesh Atomic Energy Commission, Dhaka-1207. <a href="http://www.baec.org.bd/baec/index.php">http://www.baec.org.bd/baec/index.php</a>
10 Jan 2009 – 31 Jan 2010	<b>Lecturer</b> , Electrical & Electronics Engineering. Courses offered: Analog and Digital Electronics, Electrical Circuits, Electromagnetic Fields and Waves and to instruct student in Electrical, Electronics and Communication Labs.	University of Information Technology and Sciences, Baridhara, Dhaka-1212.
15 Jul 2008 - 10 Jan 2009	<b>Lecturer</b> , Dept. of Electrical, Electronics and Telecommunication Engineering. Courses offered: Physics-I and Physics-II, Solid State Devices, Analog and Digital Electronics Circuits, laboratory instructor as an additional duty.	Dhaka international University Banani, Dhaka-1213.
10 May 2007 – 22 May 2008	<b>Support Engineer</b> : IP networking (Soft Switch (GnuGK, MVTS, ASTERISK) Installation & Configuration Cisco ATA, Welget, IP Phone,VPN, Linksys ,Gateway Configuration(Qiuntum, CISCO); SIP ,H323, IAX protocol; BTTB , VOIP Billing),Database Management, Experienced with both Linux and Windows environment. DNS installation and configuration.	REVE Systems, Malibagh, Dhaka-1219.

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### SKILLS

- Programming: Assembly language, C, MATLAB
- OS: LINUX, Windows.

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## RESEARCH WORKS

1. Carrying out research on Electronic materials (nanostructures, thin film and bulk), and devices, Nanocomposite particle for potential drug delivery system, Nano Bio-sensors and Nanoelectronics.
2. Carried out research under job responsibility as follows: Technical Assessment of Nuclear Power Plants, Nuclear financing, cost estimation of Nuclear Power Plant and cash flow analysis of Nuclear Power Plants in Bangladesh perspective.
3. MS Thesis: Base station Placement of Mobile Communication System: A Particle Swarm Optimization Approach. This topic is under review to publish in the Journal of Science of University of Dhaka.  
Reference no. 1367109, Duration: November 01, 2007-July 22, 2008
4. Undergraduate Project Work: Cancellation of Pulse Broadening Through Negative Dispersion & Soliton Phenomenon.  
Duration: May 1, 2006- August 31, 2006

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## SEMINARS AND WORKSHOPS

1. IAEA meeting/workshop on “Technical Assessment of Small and Medium Sized Reactors (SMRs)”, December 5-9, 2011, IAEA Headquarters, Vienna, Austria.
2. IAEA Regional Workshop on “Deterministic Best Estimate Safety Analysis of Advanced Nuclear Power Plants (NPPs)”, December 13-17, 2010, AERB, Mumbai, India.

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## SCHOLARSHIPS AND AWARDS

- University Graduate Scholarship – 2004
- Provost Award -2004 From Ekushey Hall, University of Dhaka
- University Scholarship-2000-2001
- Board Scholarship –S.S.C (1998)
- Junior Scholarship-1995

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## MEMBERSHIP

- IEEE student member
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