

ENG. MOHAMMAD MOTTAHIR AALAM*Lecturer, Dept. of Electrical and Computer Eng., King Abdulaziz University***Education**

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
MS	Nanotechnology	Jamia Millia University, New Delhi	Islamia2010
BS	Electronics & Communication	Jamia Millia University, New Delhi	Islamia2005

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title</i>	<i>(Chair, Full or Coordinator, etc.)</i>	<i>Part Time</i>
2011	Date	King Abdulaziz University	Lecturer			Full Time

Non Academic Experience *(including Consultations)*

<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Title</i>	<i>Position</i>	<i>Description</i>	<i>Full or Part Time</i>
2010	2011	HCL Technologies, India	Software Engineer	Software Analyst	Quality	Full Time

Funded Research Projects and Patents from the Past Five Years**Certifications and Professional Registrations**

1. ISTQB (International Software Testing Qualifications Board) Certified Software Tester

Current Membership in Professional Societies and Organizations

<i>Society/Organization</i>	<i>Rank</i>	<i>Member Since</i>
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Honors and Awards

1. Ranked 1st In The 1st Year of M. Tech (Nanotechnology).
2. Ranked 3rd In The B. Tech 1st Year.
3. Mathematics Topper In HSC Board Examination

Institutional and Professional Services *(administration, committees, units, etc.)***Principal Publications/Presentations from the Past Five Years**

1. Asif Irshad Khan, Md. Mottahir Alam, Noor-ul-qayyum, Usman Ali Khan, "Empirical Study of An Improved Component Based Software Development Model using Expert Opinion Technique" International Journal of Information Technology and Computer Science (IJITCS) 07/2013; 5 (8) :1-14.
2. Asif Irshad Khan, Md. Mottahir Alam, Noor-ul-Qayyum, Usman Ali Khan, "Validation of Component Based Software Development Model using formal B-Method,"

- International Journal of Computer Applications 04/2013; 67 (9):24-39.
3. Md Mottahir Alam, Asif Irshad Khan, Noor-ul-Qayyum, Abdullah Maresh Ali, “Study of Multi-agent Testing Techniques and Future Research Direction,” International Journal of Scientific & Engineering Research, August-2012 1 ISSN 2229-5518 08/2012; Volume 3 (Issue 8).
 4. Md. Mottahir Alam, Sajid Hussain, M. Nizamuddin, “Simulation and Parametric Study of Carbon Nanotubes Based FETs” Paper Has Been Accepted for Presentation & Publication In National Conference on “Advances In VLSI, Embedded & Communication” To Be Held on 10/06/2010 At AFSET, Faridabad.
 5. Md. Mottahir Alam, Sajid Hussain, Suhail Habib, “Synthesis and Characterization of CNT By LPCVD” Presented In The Proceedings of National Conference on CNT Synthesis: Recent Advances Dec 7, 2009, Jamia Millia Islamia New Delhi
 6. M. Nizamuddin Md. Mottahir Alam, Bal Krishan, Maruph. Husain, Kakul H., “Zinc Oxide Nanoparticles As An Alternative Material for Energy Sources” Presented and Published In The Souvenir of National Conference on Combustion Generated Pollution & Alternative Sources of Energy (CGPASE-2009) May 21, 2009, Al-Falah School of Engg & Tech, Faridabad, P 18-19.
 7. M. Nizamuddin, T. A. Abbasi, Md. Mottahir Alam, “Carbon Nano Tube (CNT) Based Random Access Memory (RAM)” Presented and Published In The Proceedings of 2nd National Conference on Emerging Trends In Computer Sciences & Information Technology (ETCSIT-2009) Apr. 18, 2009, Al-Falah School of Engg & Tech, Faridabad, P 163-165.
 8. Md. Mottahir Alam, Bal Krishan, M. Nizamuddin Maruph. Husain, “Hydrogen Storage In Carbon Nano Tubes (CNTs)” Presented and Published In The Souvenir of National Conference on Combustion Generated Pollution & Alternative Sources of Energy (CGPASE-2009) May 21, 2009, Al-Falah School of Engg & Tech, Faridabad, P 17.

Recent Professional Development Activities (*Workshops, training, etc.*)