

Name : Tayyaba Asim
Date of Birth : December,13th 1977
Marital Status : Married
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Qualifications

Ph.D 2008 (Quaid-i-Azam University, Islamabad.)

- Subject : Physical Chemistry.
- Research area : Environmental Chemistry.
- Research work at : Pakistan Institute of Nuclear Science and Technology (PINSTECH), and Pakistan Institute of Engineering and Applied Sciences (PIEAS).
- Thesis title : **“Sorption Studies of Some Heavy and Toxic Elements on Sand, Carbon and Nickel Coated Carbon.”**

M.Phil 2002 (Quaid-i-Azam University, Islamabad.)

- Subject : Physical Chemistry, CGPA 4.
- Research area : Environmental Chemistry.
- Research work at : PINSTECH
- Thesis title : **“The Study of Interactive Behaviour of Lead and Cadmium in and with the Environmental Samples using different Techniques.”**

M.Sc 2000 (Quaid-i-Azam University, Islamabad.)

- Subject : Physical Chemistry, First division.
- Thesis title : **“The Study of Interactive Behaviour of Lead and Cadmium in and with the Environmental Samples using different Techniques.”**

Teaching experience:

- Lecturer, Department of Chemistry School of Science and Engineering, LUMS, Lahore, Pakistan: **July 2009-to date**
- Head of Teaching Assistants, Department of Chemistry School of Science and Engineering, LUMS, Lahore, Pakistan: **June 2008-June2009**
- Physics and Chemistry to O level classes at Iqra Public School and College, Quetta, Pakistan: **March 2007-December 2007**

Achievements So Far

- Obtained Merit Scholarship for PhD Studies in Science and Technology from Higher Education Commission in the year 2002.
- Obtained Scholarship during the whole course of M.Phil. from Quaid-i-Azam University, Islamabad.
- Was president of Science Society during the year 1996-97 in FG College for Women, Kashmir Road, Rawalpindi.
- Won merit certificates for Botany and Chemistry and stood first in the said combination during the year 1995-97 in FG College for Women.
- Stood 3rd in PAF College Chaklala in the SSC examination.

Publications and Conferences

- ***Comparison of Selenium Immobilization, using Local River sand, Graphite and Modified Nano- nickel Graphite – A Special Emphasis on Kinetic and Thermodynamic Data.*** Asim, T.; Ahmed, R.; Ansari, M.S. Paper accepted for talk at International Conference on Agricultural, Environment and Biological Sciences (ICAEBIS'2012) that May 26-27, **2012** in Phuket, Thailand.
- ***Preparation and Characterization of Nano Nickel Particles Supported on Carbon and Its Adsorption Behavior for Zinc from Aqueous Solutions.*** *Yamin,T.; Ahmed, R.; Ansari, M.S. Paper presented in ISAM 2011 September 26 – 30, **2011** Islamabad, Pakistan.
- ***Effect of Nickel coating on Carbon for Adsorption of Cadmium from Aqueous Solutions.*** Ahmad, R.;Yamin, T.; Ansari, M.S.; Chaudhry. M.M. The Canadian J. of Chemical Engineering **2009**, *87*, **448-455**.
- ***Preparation of Carbon Supported Catalyst And Its Adsorption Behaviour For Copper From Aqueous Solutions,*** Yamin, T.; Ahmad, R.; Ansari, M.S.; Chaudhry. M.M. Proceedings of ICAPE 2008 Islamabad, Pakistan, October 13-14, **2008** published in The Nucleus, **2009**,*46*, 3: 357-364
- ***Synthesis and Characterization of Carbon Supported Nano-nickel Catalyst.*** Yamin, T.; Ahmad, R.; Ansari, M.S.; Chaudhry. M.M. Paper presented in the 11th International Symposium on Advanced Materials August 08-12, **2009**
- ***Sorption Behaviour of Pb(II) Ions from Aqueous Solutions onto Haro River Sand.*** Ahmad, R.; Yamin, T.; Ansari, M.S.; Hasany, S.M. *Adsorption Sci. & Tech.* **2006**,*24*, **475-486**.
- ***Studies on Sorption of Cadmium (II) ions onto Haro river Sand from Aqueous Media Using Radiotracer and Voltammetric Techniques*** Ahmad, R.; Yamin, T.; Ansari, M.S.; Hasany, S.M. *Radiochim. Acta* **2006**, *94*, **441-446**.
- ***Evaluation of Selenium in Water, Waste water and Sediment Samples by Differential Pulse Cathodic Stripping Voltammetry.*** Paper presented in the 5th International and 15th National Chemistry Conference, **2004**.
- ***Monitoring of Cadmium in Drinking Water by Voltammetry*** Ahmad, R.; Yamin, T.; Ansari, M.S. *The Nucleus* . **2004**,*40*, **7-12**.
- ***Monitoring of Lead in Drinking water by Differential Pulse Anodic Stripping Voltammetry.*** Paper read in the 5th International Conference of Environment and Water Quality concerning issues in the year **2002**.

*Now Tayyaba Asim