

RESUME

ATIA SHAMIM

Department of Chemistry

NED University of Engineering & Technology, Karachi

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ACADAMIC QUALIFICATION

M.Phil. (1st division) 2016

Analytical Chemistry

International Centre for Chemical & Biological Sciences

University of Karachi

M.Sc.(1st division) 2010

Analytical Chemistry

From Department of Chemistry

University of Karachi

B.Sc. (1st division) 2009

Chemistry ,From Department of Chemistry

University of Karachi

F.Sc (A grade) 2006

Chemistry ,Physics ,Biology

From Board of Intermediate Education ,Karachi

Matriculation (A+1) 2003

Science group

From Board of Secondary Education, Karachi

M.Phil. Thesis Dissertation

Design & Synthesis of silica hybrid magnetic nanoparticles and their analytical applications , at International Center for Chemical and Biological Sciences, University of Karachi, Pakistan.

RESUME

M.Sc. Thesis Dissertation

Synthesis and Characterization of Iron Dopamine complexes and its analogue, at Department of Chemistry, University of Karachi, Pakistan.

RESEARCH INTEREST

Design and synthesis of nanomaterials and their applications

PROFESSIONAL EXPERIENCE

Worked as a Contractual lecturer in Department of Chemistry, Federal Urdu University of Science and Technology, Gulshan-e- Iqbal Campus, 2017-2018.

- *Taught Analytical Chemistry, Environmental Chemistry & Electrochemistry to undergraduate students. .*

Working as a lecturer in Department of Chemistry, NED University of Engineering & Technology since 2018.

- *Taught Analytical Chemistry – (I) & (II), Applied Chemistry for Engineers (CY 110) to undergraduate students.*
- *Co-Supervise Final Year Project titled as silane coated magnetic nanoparticle.*

PROFESSIONAL DEVELOPMENT

- *Attended Faculty development lectures organized by NED University of Engineering & Technology, 2018.*
- *National workshop on Chemical laboratory Safety & Security in Universities of Pakistan 2011.*
- *9th International & 21st National Chemistry Conference, 2011.*
- *Workshop on Scientific Writing, 2013.*
- *4th International Symposium cum training course on Molecular medicine and Drug Research , 2013.*
- *IYCr South Asia Summit meeting conference on Structural Chemistry, 2014.*
- *Attended 1st International Industrial Chemistry Conference 2021.*

SKILLS & EXPERTISE

- *Hands on MS office & Chem Draw.*
- *Hands on UV-Visible & Fluorescence Spectrophotometer.*
- *Basic understanding of AFM.*

REFERENCES:

Will be provided on Request