

## RESUME

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**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.*

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### **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, Federal Urdu University of Science and Technology , Department of Chemistry ,Gulshan-e- Iqbal Campus, 2017-2018.*

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

### **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.*
- *9<sup>th</sup> International & 21<sup>st</sup> National Chemistry Conference, 2011.*
- *Workshop on Scientific Writing ,2013.*
- *4<sup>th</sup> International Symposium cum training course on Molecular medicine and Drug Research ,2013.*
- *IYCr South Asia Summit meeting conference on Structural Chemistry, 2014.*

### **SKILLS & EXPERTISE**

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

### **REFERENCES:**

*Will be provided on Request*