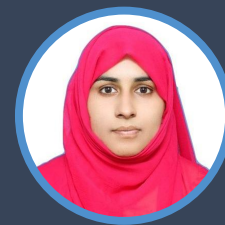


Nida Athar

Assistant Chemist / Lab Assistant / Teaching

Seeking to pursue a position in a field that allows my skills and creativity to be showcased in an exceptionally versatile, organized, and creative way. In order to be a significant contributor to any company or organization my skills will prove to add value on any professional level.



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📍 Lahore, Pakistan

EDUCATION

Master of Philosophy in Chemistry Government College University

09/2017 – 12/2019

Lahore, Pakistan

Courses

- Nuclear Magnetic Resonance Spectroscopy
- Instrumental Analysis (A Practical Course)
- Environmental Chemistry
- Thesis: Optoelectronics Properties of Organic & Inorganic Hybrid Materials
- Separation Techniques
- Advanced Analytical Chemistry
- Atmospheric Chemistry

BSc(Chemistry) Government College University

11/2013 – 07/2017

Lahore, Pakistan

Courses

- Physical Chemistry
- Biochemistry
- Applied Chemistry
- Inorganic Chemistry
- Organic Chemistry
- Environmental Chemistry
- Fuel Chemistry
- Thesis: Emulsion Polymerization of Vinyl Acetate Monomer to Polyvinyl Acetate

PROJECTS

Optoelectronics Properties of Organic & Inorganic Hybrid Materials

- Optical Studies of Poly-3-hexylthiophene and Nanoparticles (ZnO & TiO₂) have been done in this project.
- Solvent and temperature effect on P3HT is studied which shows peak shift.
- This ultimately shows that optical properties of P3HT can be tuned and thus P3HT is good donor material and can be used in active layers of Solar cells and metal oxides.
- ZnO and TiO₂ can be used in transport layers of solar cells.

Emulsion Polymerization of Vinyl Acetate Monomer to Polyvinyl Acetate

SKILLS

Ultraviolet Spectroscopy

Particle Size Analyzer

Photoluminescence Spectroscopy

High Performance Liquid Chromatography

CHNS Analyzer

Mass Spectrometry

Teaching

CERTIFICATES

5th Invention to Innovation Summit (2016)

6th Invention to Innovation Summit (2017)

LANGUAGES

English

Full Professional Proficiency

Urdu

Native or Bilingual Proficiency

INTERESTS

Education

Teaching

Reading