



**Dr. Saima Farooq**

Associate Professor & HoS

*Biological Sciences and Chemistry-Chemistry Section*

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Office Location: 32-16

Time at UoN: Since 2013

Received Post-doc (short-term) from Swansea University, UK (2019). Received Ph.D. in Physical Chemistry from Quaid-i-Azam University Pakistan in 2012. M. Phil. 2006, in Physical Chemistry from Quaid-i-Azam University Pakistan, M.Sc. in Chemistry from Quaid-i-Azam University Pakistan in 2002.

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### **Academic Qualifications**

Post-doc., Swansea University, UK, 2019

Ph.D. in Physical Chemistry, Quaid-i-Azam University, Islamabad, Pakistan, 2012

M. Phil. in Physical Chemistry, Quaid-i-Azam University, Islamabad, Pakistan, 2006

M.Sc. in Chemistry, Quaid-i-Azam University, Pakistan, 2004

### **Teaching Activities**

Physical Chemistry-I/II

Environmental Chemistry

Polymer Chemistry

Advanced Physical Chemistry laboratory

Nanomaterials Characterization

Applied Industrial Chemistry

## **Research Activities**

### **- Research Interests**

Semiconductor photocatalysis

Wastewater treatment using nanomaterial photocatalysis

Environmental remediation and renewable energy applications

Synthesis and characterization of magnetic oxide nanomaterials

Chemometrics

## **Faculty Administrative Experience**

2017 - Present: Department academic advising officer

2017 - Present: Program Coordinator for M.Sc. Chemistry

## **Membership in Professional Bodies**

2019-Present: Member of Chemical Society of Pakistan

2019-Present: Member Royal Society of Chemistry (MRSC; #629441)

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Ref.: <https://www.unizwa.edu.om/staff/cas/saima>