***Dr. NAUSHAD AHMAD***

**Assistant Professor**

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**GS:** https://scholar.google.com/citations?hl=en&user=a11N\_TQAAAAJ

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**career objective**

To work in integrity with career position and to be part of a growing organization offering a chance to excel in personal and team work achievement by applying my knowledge and technical skills for the growth of the organization.

**Academic Qualifications**

**Doctor of Philosophy (Ph.D.)** Inorganic Chemistry (21-10-2009): “*Synthesis of bridged bimetallic complexes: Characterization and physico-chemical studies”,* Department of Chemistry, Jamia Millia Islamia (Central University), New Delhi, India.

**Master of Science (M.Sc.)** Inorganic Chemistry (06-09-2003), Department of Chemistry,Aligarh Muslim University (Central University), Aligarh, Utter Pradesh, India.

**Bachelor of Science (B.Sc.)** Chemistry (08-07-2000), Department of Chemistry, Aligarh Muslim University (Central University), Aligarh, Utter Pradesh, India.

**Research Interests**

* Fabrication of advanced materials: Metal oxides, Perovskites, Carbons (CNT, MWCNT, g-C3N4), nanocomposites and Graphene.
* Catalysis: Electrocatalysis, Photocatalysis and Industrial refining reactions
* Energy and Environment: Electronic Devices (Sensors, Batteries, Supercapacitor), Petrochemicals (Syngas and Alcohol production), and Pollutants.

**Research Experiences**

* Postdoctoral Research Fellowship, Department of Chemistry, Malaya University, Kuala Lumpur 50603, Malaysia, November 1, 2010 – July 19, 2011.
* Postdoctoral Research Fellowship, School of Chemistry and Physics College of Agriculture, Engineering and Science, University of KwaZulu-Natal, Scottsville – 3209, Pietermaritzburg, South Africa, November 1, 2011 –January 20, 2012.
* Assistant Professor, Central laboratory College of Science, King Saud University Riyadh, 11451, Kingdom of Saudi Arabia, **19th February 2012 – Continue**

**Seminars and Conference**

**[1]** Participated one-day Summer School workshop on “*Chromatographic techniques*” held on September 10, **2007** organized by Indian society of Analytical Scientists (ISAS) Delhi Chapter and Jamia Millia Islamia, New Delhi, India.

**[2]** Participated in poster presentation in the national seminar on “Polymer Science & Technology – Vision & Scenario (Polymer – 08)” held on December 3, **2008** at Jamia Millia Islamia, New Delhi, India.

**[3]** Participated one-day seminar on “Recent Advances in chemistry” held on January 19, **2009** organized by Department of Chemistry, Jamia Millia Islamia, New Delhi, India.

**[4]** Participated one-day training course “CHNS/O technique, Elemental Analyzer Perkin-Elmer 2400 Series II instrument”, held on April 14, **2013** (4-6-1434) organized by Central Laboratory College of Science (CLCS), King Saud University Riyadh, 11451, Kingdom of Saudi Arabia.

**[5]** Participated one-day training course “Differential Scanning Calorimetry (DSC) technique, Mettler Toledo (USA) instrument”, held on May 05, **2013** (2-7-1434) organized by Central Laboratory College of Science (CLCS), King Saud University Riyadh, 11451, Kingdom of Saudi Arabia.

[6] Participated training course “Chromatographic techniques (GC-MS), Konik (Spain) instrument”, held on April **16-29-2013**(1434) organized by Central Laboratory College of Science (CLCS), King Saud University Riyadh, 11451, Kingdom of Saudi Arabia.

[6] Participated training course “Chromatographic techniques (GC-MS), Konik (Spain) instrument”, held on April **6-9-2015**(1436) organized by Gibnik company, Barcelona Sapin.

**[7]** Participated three-day workshops on “Catalyst Characterization”, held on February 15-17, **2015** (26-28, 1436) organized by The Saudi Chemical Engineering Society, King Saud University Riyadh, 11451, Kingdom of Saudi Arabia.

**[9]** Participated the second Saudi International Conference on Scientific Publishing, held on October 11-13, **2015** (28-30, 1436) organized by The Deanship for Scientific Research, King Saud University Riyadh, 11451, Kingdom of Saudi Arabia.

**[10]** Participated one-day training course “Inductively coupled plasma mass spectrometry (ICP-MS) technique, Thermo Fisher Toledo (USA) instrument”, held on 2016**-2017**(1437-1438) organized by Central Laboratory College of Science (CLCS), King Saud University Riyadh, 11451, Kingdom of Saudi Arabia.

**[11]** Participated in “Instrument training course” held on **2016-2017** organized by Saudi Chemical Society, King Saud University Riyadh, 11451, Kingdom of Saudi Arabia.

**[12]** Participated in “Instrument training course” held on **2017-2018** organized by Saudi Chemical Society, King Saud University Riyadh, 11451, Kingdom of Saudi Arabia.

**[13]** Participated in “Instrument training course” held on **2017-2018** organized by Saudi Chemical Society, King Saud University Riyadh, 11451, Kingdom of Saudi Arabia.

**Research Skills**

1. Planning and execution of research work in the laboratory.
2. Computation and interpretation of experimental data.
3. Preparation and editing of research material/papers for publication in the journals of national and international repute.
4. Help Postgraduate students in their project works.

**Instruments handling**

* ICP-MS, GC-MS, TGA, BET, Chemisorption Analyzer, Microwave Digestion system, UV-Visible and FT-IR Spectrophotometers.
* Interpretation of XRD, BET surface area, LC-MS, GC-MS, TGA/DTA/DSC, TEM, SEM, XPS, CV, IR and UV-VIS.
* Software: Origin, HighScore Plus

**LIST OF PUBLICATIONS**

Citation Statistics:

Total Articles: 50

Total Citations: >150, h-index: 8, i10-index: 5 (Google Scholar)

**Languages (human)**

English (*fluent*), Hindi (*native*), Urdu (*native*)

**Personal details**

**Date of Birth :** December17, 1979

**Nationality :** Indian

**Marital Status :** Married

**Sex :** Male

**Passport No :**H8543010

**References:** (Available on request)

***Dr. Naushad Ahmad***