


FACULTY PROFILE PROFORMA

Title (Ms/Mr/Dr/Prof)	Dr.	First Name	Sajid	Last Name	Iqbal	Photograph
Designation	Assistant Professor					
Department	Chemistry					
Address (Official)	Department of Chemistry, Kalindi College, University of Delhi, East Patel Nagar, New Delhi-110008					
Phone No.	8826116546					
Email	sajid4598@gmail.com; sajidiqbal@kalindi.du.ac.in					
Education						
Subject	Institution		Year	Details		
Chemistry	Jamia Millia Islamia		2019	Ph.D.		
Chemistry	Jamia Millia Islamia		2011	M.Sc.		
Chemistry	Vinoba Bhave University		2008	B.Sc. (H)		
Career Profile						
Organisation/Institution	Designation		Duration	Role		
Kalindi College	Assistant Professor (Ad-hoc)		July, 2019 Onwards	Teaching		
Research Interests / Specialization						
<ul style="list-style-type: none"> ❖ Polymer Chemistry ❖ Materials Chemistry ❖ Nanomaterials ❖ Conducting Polymers ❖ Electromagnetic Interference Shielding 						
Administrative Assignments / Contribution to corporate life						
Teaching Experiences (Subject/Courses taught)						
Designation	Year		University		Subject Taught	
Assistant Professor (Guest Faculty)	Aug-2018 to May-2019		Jamia Millia Islamia		Physical Chemistry, Inorganic Chemistry, Polymers, Lab Courses of Physical, Inorganic and Organic Chemistry	
Assistant Professor (Ad-hoc)	July 2019 Onwards		Kalindi College, University of Delhi		Inorganic, Physical Chemistry, Analytical Methods in Chemistry and their corresponding Lab Courses	

Research Guidance

Not Available

Publication (Peer Reviewed/Indexed Journals)

Research Articles

1. Halima Khatoon, Sajid Iqbal, Mohd Irfan, Abu Darda, Neha Kanwar Rawat, A review on the production, properties and applications of non-isocyanate polyurethane: A greener perspective, *Progress in Organic Coatings* 154, (2021), 106124. **I.F: 4.46**
2. Md Iqbal Ahmed Talukdar, Irshad Ahamad, **Sajid Iqbal**, Manzoor Ahmad Malik, Ovas Ahmad Dar, Md Khursheed Akram, Tasneem Fatma, Athar Adil Hashmi, Fabrication of Metal Incorporated Polymer Composite: An Excellent Antibacterial Agent, *Journal of Molecular Structure*, 1225, (2021), 129091. **I.F: 2.46**
3. **Sajid Iqbal**, Halima Khatoon, R. K. Kotnala, and Sharif Ahmad, Bi-doped barium ferrite decorated polythiophene nanocomposite: influence of Bi-doping on structure, morphology, thermal and EMI shielding behavior for X-band, *Journal of Material Science*, 55, (2020), 15894–15907. **I.F: 3.55**
4. Halima Khatoon, **Sajid Iqbal**, Sharif Ahmad, Covalently functionalized ethylene diamine modified graphene oxide poly-paraphenylene diamine dispersed polyurethane anticorrosive nanocomposite coatings, *Progress in Organic Coatings*, 150, 2020, 105966-105973. **I.F: 4.46**
5. **Sajid Iqbal**, Halima Khatoon, R. K. Kotnala, and Sharif Ahmad, Mesoporous Strontium Ferrite/Polythiophene Composite: Influence of enwrappment on structural, thermal, and electromagnetic interference shielding, *Composites Part B: Engineering*, 175, (2019), 107143. **I.F: 7.63**
6. Halima Khatoon, **Sajid Iqbal**, Sharif Ahmad, Influence of Carbon Nanodots encapsulated Polycarbazole Hybrid on Corrosion Inhibition Performance of Polyurethane Nanocomposite Coatings, *New Journal of Chemistry*, 43, 2019, 10278-10290. **I.F: 3.28**
7. **Sajid Iqbal**, Halima Khatoon, Ashiq Hussain Pandit, Sharif Ahmad, “Recent Development of Carbon based Materials for Energy Storage Devices”, *Materials Science for Energy Technology*, 2, 2019, 417-428.
8. Anujit Ghosal, **Sajid Iqbal**, Sharif. Ahmad, “NiO nanofiller dispersed Hybrid Soy Epoxy Anticorrosive Coatings”, *Progress in Organic Coatings*, 133, 2019, 61-76. **I.F: 4.46**
9. Rangnath Ravi, **Sajid Iqbal**, Anujit Ghosal, and Sharif Ahmad, “Novel Mesoporous trimetallic Strontium Magnesium Ferrite (Sr_{0.3}Mg_{0.7}Fe₂O₄) nanocubes: A selective and recoverable magnetic nanoadsorbent for Congo red”, *Journal of Alloys and Compounds*, 791, 2019, 336-347. **I.F: 4.65**
10. Halima Khatoon, **Sajid Iqbal**, Sharif Ahmad. “Influence of medium on structure, morphology and electrochemical properties of polydiphenylamine/vanadium pentoxide composite”, *SN Applied Sciences*, 1, 2019, 261.

11. **Sajid Iqbal**, Garima Kotnala, Jyoti Shah, and Sharif Ahmad. “Barium Ferrite Nanoparticles: A Highly Effective EMI Shielding Material” *Materials Research Express*, 6, 2019, 055018. **I.F: 1.92**
12. **Sajid Iqbal**, Jyoti Shah, R. K. Kotnala, and Sharif Ahmad. “Highly efficient low cost EMI shielding by barium ferrite encapsulated polythiophene nanocomposite.” *Journal of Alloys and Compounds*, 779, 2019, 487-496. **I.F: 4.65**
13. Hasan Abbas, **Sajid Iqbal**, Sharif Ahmad, Najmul Arfin, “Synthesis and characterisation of poly (methylmethacrylate) - Silica composites”, *Materials Research Express*, 5, 2018, 085312. **I.F: 1.92**
14. **Sajid Iqbal** and Sharif Ahmad, “Recent development in hybrid conducting polymers: Synthesis, applications and future prospects”, *Journal of Industrial and Engineering Chemistry*, 60, 2018, 53-84. **I.F: 5.27**

Book Chapters

1. **Sajid Iqbal**, Anujit Ghosal, Jaydeep Bhattacharya, Sharif. Ahmad, *Advances in Carbon Nanotube based Conducting Polymer Composite*, Apple Academic Press, 2018, 143-174. ISBN: 9781351048125
2. Rangnath Ravi, **Sajid Iqbal**, Anujit Ghosal, Sharif Ahmad, *Carbon Nanotubes-based Adsorbent: An Efficient Water Purification Technology*, Apple Academic Press, 2018, 175-198. ISBN: 9781351048125
3. Halima Khatoon, **Sajid Iqbal**, Sharif Ahmad, “Conductive Thermoset Composites”, *Materials Research Forum LLC*, 38, 2018, 189. ISBN: 9781945291876-7
4. **Sajid Iqbal** and Sharif Ahmad, “Conducting Polymer Composites: An Efficient EMI Shielding Material” in *Materials for Potential EMI Shielding Applications*, Elsevier, 2019, ISSN: 9780128175910
5. Younes Ahmadi, **Sajid Iqbal** and Sharif Ahmad, “Conducting Polymer Composites: An Efficient EMI Shielding Material” in *Materials for Potential EMI Shielding Applications*, Elsevier, 2019, ISSN: 9780128175910
6. Abu Darda, Halima Khatoon, Mohd Irfan, Sameer Ahmad, Weqar Ahmad Siddiqi, **Sajid Iqbal**, Ashiq Hussain Pandit, and Mohd Danish Ansari, “The Next-Generation Sustainable Polymers” in *Green Polymer Chemistry and Composites: Pollution Prevention and Waste Reduction*, Apple Academic Press, 2020, ISSN: 9781771889377.
7. Mohd Irfan, Halima Khatoon, Rabia Kouser, Abu Darda, Shahidul Islam Bhat, and **Sajid Iqbal**, “Renewable Resource-Based Environmental Friendly Waterborne Polymeric Anticorrosive Nanocomposite Coatings” in *Green Polymer Chemistry and Composites: Pollution Prevention and Waste Reduction*, Apple Academic Press, 2020, ISSN: 9781771889377.

Seminar/Workshop/Conferences Presentation/Organisation

Seminar/Conferences

1. Actively participated and presented an Oral Talk entitled “Strontium Ferrite Nanoparticles: An Efficient EMI Shielding Material” in a Two day National Seminar on “Technology for Environmental Sustainability, Socio-Economic Responsibilities and Associated Entrepreneurial Opportunities of 21st Century” organised by Sri Aurobindo College, University of Delhi, New Delhi, on March 8-9, 2019.
2. Presented an Oral Talk entitled “Highly Efficient Low Cost EMI Shielding by Barium Ferrite encapsulated Polythiophene Nanocomposite” in an International Conference on “Chemistry, Industry and Environment” organised by Department of Applied Chemistry, Zakir Husain College of Engineering & Technology, Aligarh Muslim University, Aligarh, on February 18-19, 2019.
3. Presented a poster in “International Conference on Advanced Semiconductor Materials and Devices (ICASMD 2018)” entitled “Effect of Temperature on the Structure, Morphology and Magnetic Properties of Strontium Ferrite Nanoparticle” organised by C-MET, Hyderabad on March 8-10, 2018.
4. Presented a poster in National Conference on “Emerging Trends in Chemical Sciences” entitled “Low Temperature Synthesis of Pure Strontium Ferrite Nanoparticles by Sol-Gel Technique for more effective EMI Shielding Application” organised by Department of Chemistry, A.M.U, Aligarh, on February 24-25, 2018.
5. Attended and Presented a Poster in a one day Seminar on “ACS on Campus” organized by University of Delhi, New Delhi on February 5, 2018.
6. Actively participated and presented an Oral Talk entitled “Green Synthesis of Conducting Polythiophene and its Electrochemical Properties” in an One day Seminar “Recent Advances in Chemistry” organised by Department of Chemistry, Jamia Millia Islamia, New Delhi, on March 28, 2017.
7. Actively participated and presented a Poster entitled “Synthesis, characterization and Electrochemical properties of Conducting Polythiophene for Battery Application” in National Conference “India International Science Festival” organised by CSIR-NPL, New Delhi, on December 8-11, 2016.
8. Presented an Oral Talk in one day seminar on “Recent Advances in Chemistry” entitled “Barium Ferrite Nanoparticles: An Efficient Electromagnetic Interference Shielding Material” organised by Department of Chemistry, Jamia Millia Islamia, New Delhi on 26th April, 2016 and got ranked First.
9. Presented a poster in International Conference on “Recent Advances in Chemistry”, entitled “Low temperature Synthesis of Barium Ferrite Nanoparticle for Radio Frequency Shielding Application” organised by Department of Chemistry, A.M.U, Aligarh, on March 29-30, 2016.
10. Attended Seminar on Recent Advances in Chemistry on March 22, 2015 organized by Department of Chemistry, Jamia Millia Islamia, New Delhi.
11. Attended Seminar on “Chemistry in Our Lives and Challenges” on March 28, 2011 organized by Department of Chemistry, Jamia Millia Islamia, New Delhi.
12. Attended Seminar on “Recent Advances in Chemistry” on March 22, 2011 organized by Department of Chemistry, Jamia Millia Islamia, New Delhi.

13. Attended Seminar on “Interface between Chemistry and Biology” on October 8, 2009 organized by Center for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi.

WORKSHOPS

1. Participated in an author workshop on “Getting Published in the Digital Age” organized by Dr. Zakir Husain Library and Taylor and Francis Groups, held on October 11, 2017 at Jamia Millia Islamia, New Delhi.
2. Participated in an author workshop on “Scholarly writing and intellectual Ethics” organized by Dr. Zakir Husain Library in support of Elsevier, held on September 26, 2017 at Jamia Millia Islamia, New Delhi.
3. Participated in an author workshop on “How to Write and Publish Scholarly Articles” organized by Dr. Zakir Husain Library and Springer Nature, held on August 24, 2017 at Jamia Millia Islamia, New Delhi.
4. Actively Participated in the MHRD Global Initiative of Academic Networks (GIAN) course on “Recent Developments in Nano Materials for Energy and Health Care Applications” organised by Department of Chemistry, Jamia Millia Islamia, New Delhi from December 19-24, 2016.
5. Participated in the Workshop on “Reference Management in Research” organized by Dr. Zakir Husain Library, Jamia Millia Islamia, New Delhi on May 15, 2015.
6. Participated in the Orientation Programme on “Turnitin (an originality check and anti-plagiarism web tool)” organized by Dr. Zakir Husain Library, Jamia Millia Islamia, New Delhi on April 7, 2015.

Organizer/Resource Person

- ❖ Contributed in the execution of documentary on Marie Curie: A Life Story as **Staff Advisor** in the academic session 2020-21 under रसलion, Chemical Society of Kalindi College, University of Delhi.
- ❖ Successfully organized an “Online Inter-College Poster Competition” under रसलion, Chemical Society of Kalindi College, University of Delhi in **October 2020**.
- ❖ Successfully organized a webinar on “Process and Challenges of Drug Discovery- A Chemist's Perspective” held on **6th October 2020** under रसलion, Chemical Society of Kalindi College, University of Delhi.

Awards & Distinctions

**National Level Examination:
CSIR-UGC NET, AIR- 26, in Chemical Sciences.**

Public Service/ University Service/ Consulting Activity

Not Applicable

Professional Societies Memberships

Not Applicable

Projects (Major Grants / Collaborations)

Not Applicable

Other Details

❖ Diploma in Computer Applications

Instrumental Handling

- **Fourier Transform Infrared Spectroscopy (FT-IR)**
- **UV-Visible (UV)**
- **Thermogravimetric Analysis (TGA)**
- **Differential Scanning Calorimetry (DSC)**
- **Autolab Potentiostat**