


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	sajidiqbal@kalindi.du.ac.in; sajid4598@gmail.com					
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						
Google Scholar Profile (till 27.10.2023)						
Citations: 117						
h-index: 11						
i10-index: 13						
Organisation/Institution	Designation	Duration	Role			
Kalindi College	Assistant Professor (Ad-hoc)	July, 2019 Onwards	Teaching and Administrative Duties			
Research Interests / Specialization						
<ul style="list-style-type: none"> ❖ Nanomaterials ❖ Conducting Polymers ❖ Materials Chemistry ❖ Polymer Chemistry ❖ Electromagnetic Interference Shielding 						
Administrative Assignments / Contribution to corporate life						
<p>Member of Prospectus Committee from June 2021-till date.</p> <p>Member of ARIIA Committee from March 31st 2023-till date.</p> <p>Member of Committee for Feedback & Students Satisfaction Survey from June 2021-till date.</p> <p>Member of Media and Publicity Committee from June 2021-till date.</p> <p>Member of Alumni Committee from March 31st 2023-till date.</p> <p>Member of Canteen Committee March 31st 2023-till date</p> <p>Member of National Institutional Ranking Framework (NIRF) from June 2021-31st March 2023.</p> <p>Member of Library Write-off Committee from June 2021-31st March 2023.</p> <p>Member of Library Recycling Committee from June 2021-31st March 2023.</p>						
Teaching Experiences (Subject/Courses taught)						
Total Experience: 4 years and 11 months (Ad-hoc) 11 Months (Guest)						

Designation	Year	University	Subject Taught
Assistant Professor (Ad-hoc)	July 2019 Onwards	Kalindi College, University of Delhi	Quantum Chemistry, Structure of Atom and Chemical Bonding (Inorganic), Analytical Methods in Chemistry and their corresponding Lab Courses
Assistant Professor (Guest Faculty)	Aug-2018 to May-2019	Jamia Millia Islamia	Physical Chemistry, Inorganic Chemistry, Polymers, Lab Courses of Physical, Inorganic, Organic Chemistry and Polymers

Research Guidance

Not Available

Publication (Peer Reviewed/Indexed Journals)

Total Research Articles Published in UGC/ SCI Journals: 16

Research Articles

1. Mohd Irfan, Sajid Iqbal, and Sharif Ahmad, "Waterborne reduced graphene oxide dispersed sebacic acid modified soy epoxy nanocomposite: A green and sustainable approach for high performance mechanically robust anticorrosive coatings" Progress in Organic Coatings 170, (2022), 106984. **I.F: 6.6**
2. **Sajid Iqbal**, Halima Khatoon, R. K. Kotnala, and Sharif Ahmad, "Electromagnetic interference shielding performance by thermally stable magnesium ferrite encapsulated polythiophene composite." Journal of Materials Science: Materials in Electronics (2021), 32, 19191–19202. **I.F: 2.8**
3. 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: I.F: 6.6**
4. 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: 3.841**
5. **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 Materials Science, 55, (2020), 15894–15907. **I.F: 4.5**

6. 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: 6.6**
7. **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: 13.1**
8. 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: 3.3**
9. **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.
10. Anujit Ghosal, **Sajid Iqbal**, Sharif. Ahmad, "NiO nanofiller dispersed Hybrid Soy Epoxy Anticorrosive Coatings", *Progress in Organic Coatings*, 133, 2019, 61-76. **I.F: 6.6**
11. Rangnath Ravi, **Sajid Iqbal**, Anujit Ghosal, and Sharif Ahmad, "Novel Mesoporous trimetallic Strontium Magnesium Ferrite ($Sr_{0.3}Mg_{0.7}Fe_2O_4$) nanocubes: A selective and recoverable magnetic nanoadsorbent for Congo red", *Journal of Alloys and Compounds*, 791, 2019, 336-347. **I.F: 6.2**
12. 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.
13. **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: 2.3**
14. **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: 6.2**
15. Hasan Abbas, **Sajid Iqbal**, Sharif Ahmad, Najmul Arfin, "Synthesis and characterisation of poly (methylmethacrylate) - Silica composites", *Materials Research Express*, 5, 2018, 085312. **I.F: 2.3**
16. **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: 6.1**

Book Chapters

1. 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, 2021, ISSN: 9781771889377.

2. 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, 2021, ISSN: 9781771889377.
3. 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
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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. Halima Khatoon, **Sajid Iqbal**, Sharif Ahmad, "Conductive Thermoset Composites", Materials Research Forum LLC, 38, 2018, 189. ISBN: 9781945291876-7
6. 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
7. **Sajid Iqbal**, Anujit Ghosal, Jaydeep Bhattacharya, Sharif. Ahmad, Advances in Carbon Nanotube based Conducting Polymer Composite, Apple Academic Press, 2018, 143-174. ISBN: 9781351048125

Seminar/Webinar/Workshop/Conferences Presentation/Organisation

1. Participated in "Intellectual Property Awareness Training" program under National Intellectual Property Awareness Mission organized by Intellectual Property Office, India and Kalindi College on November 9, 2022.
2. Participated and presented an Oral Talk entitled "Waterborne reduced graphene oxide dispersed sebacic acid modified soy epoxy nanocomposite: A green and sustainable approach for high performance mechanically robust anticorrosive coatings" in a Two day International conference "Advances in Science & Technology of Graphene" organized by Indian Carbon Society in collaboration with CSIR-NPL, New Delhi, India on November 1-2, 2022.
3. Participated in "E-Content Development using Basic Tools" Organized by E-Content Development Committee, Kalindi College, University of Delhi on 27th September, 2021.
4. Participated in Webinar on "Recent Advances in Chemistry" organized by the Department of Chemistry & IQAC, Govt. G.N.A PG College, Bhatapara, (C.G) on 26th July 2021.
5. Participated in a workshop on "Designing and Development of e-Resources for Teaching and Learning - Part II" organized by Department of Computer Science and Department of Chemistry Rajdhani College, University of Delhi from 23-24 July, 2021.
6. Participated in Webinar on "How To Avoid Predatory Publishing? What Researchers Can Do" organized by Research Committee under the aegis of IQAC, Kalinidi College, on 24th July 2021.
7. Participated in an International e-Conference on "Recent Advances in Chemical, Physical and Biological Sciences" organized by Department of Chemistry, Nabira Mahavidyalaya, Katol in association with Homi Bhabha Centre for Science Education (TIFR), Mumbai from June 29-30, 2021.

8. Actively participated in a Nine-day Indo-US Webinar and Lecture Series on “Advanced Functional Materials” organized by Department of Chemistry, Jamia Millia Islamia, New Delhi, from June 1-9, 2021.
9. Participated in a 21-day Live Workshop on “Integrating Mind, Body and Soul by Practice of Yoga and Exercise” organized by Kalindi College, University of Delhi from 1st- 21st June, 2021.
10. Participated in the Awareness Program on National Digital Library of India organized by Library, Kalindi College, University of Delhi in association with National Digital Library of India on 04th August 2020.
11. Participated in Webinar on "Leave rules and procedures for University and College Employees" organized by IQAC, Staff Association and Library, Kalindi College, University of Delhi on 17th June 2020.
12. 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” organized by Sri Aurobindo College, University of Delhi, New Delhi, on March 8-9, 2019.
13. 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” organized by Department of Applied Chemistry, Zakir Husain College of Engineering & Technology, Aligarh Muslim University, Aligarh, on February 18-19, 2019.
14. 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” organized by C-MET, Hyderabad on March 8-10, 2018.
15. 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” organized by Department of Chemistry, A.M.U, Aligarh, on February 24-25, 2018.
16. 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.
17. 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” organized by Department of Chemistry, Jamia Millia Islamia, New Delhi, on March 28, 2017.
18. 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.

19. 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.
20. 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.
21. 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.
22. 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” organized by CSIR-NPL, New Delhi, on December 8-11, 2016.
23. Presented an Oral Talk in one day seminar on “Recent Advances in Chemistry” entitled “Barium Ferrite Nanoparticles: An Efficient Electromagnetic Interference Shielding Material” organized by Department of Chemistry, Jamia Millia Islamia, New Delhi on 26th April, 2016 and got ranked First.
24. Presented a poster in International Conference on “Recent Advances in Chemistry”, entitled “Low temperature Synthesis of Barium Ferrite Nanoparticle for Radio Frequency Shielding Application” organized by Department of Chemistry, A.M.U, Aligarh, on March 29-30, 2016.
25. Participated in the Workshop on “Reference Management in Research” organized by Dr. Zakir Husain Library, Jamia Millia Islamia, New Delhi on May 15, 2015.
26. 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.
27. Attended Seminar on Recent Advances in Chemistry on March 22, 2015 organized by Department of Chemistry, Jamia Millia Islamia, New Delhi.
28. Attended Seminar on “Chemistry in Our Lives and Challenges” on March 28, 2011 organized by Department of Chemistry, Jamia Millia Islamia, New Delhi.
29. Attended Seminar on “Recent Advances in Chemistry” on March 22, 2011 organized by Department of Chemistry, Jamia Millia Islamia, New Delhi.
30. 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.

Faculty Development Programme (FDP)/Refresher Course

1. Participated and scored Grade “A” in One Week Faculty Development Programme on “Basic IT tools, Advanced Spreadsheet Tools and Statistical Software Package with SPSS” organized by

University of Delhi and Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of Ministry of Education from October 27 – November 3, 2022.

2. Participated and completed in Two Week (Online) Interdisciplinary Faculty Development Programme on “MOOC's, E-Content Development, Research Methodology and Statistical Tools in Open Education World” under the aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, organized by Kalindi College, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi, from 3-17 August, 2021.
3. Participated and scored Grade “A+” in Two Week Faculty Development Programme on “Chemistry - The Catalyst for Change” organized by Teaching Learning Centre, Ramanujan College University of Delhi in collaboration with Department of Chemistry, Miranda House University of Delhi, under the aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching from 14 – 28 July, 2021.
4. Participated in Three Days National Online Faculty Development Programme on “ICT Tools for Effective Teaching and Learning" Organized by IQAC, Kamla Nehru Mahavidyalaya, Nagpur from 8-10 June 2021.
5. Actively Participated in National level QuestionPro on Online Teaching Learning Method Organized by Department of Computer Science, Kamla Nehru Mahavidyalaya, Nagpur on 9th June 2021.
6. Actively Participated in National Online One-Week Faculty Development Programme on "Research Methodology" Organized by Kamla Nehru Mahavidyalaya, Nagpur From 26th April 2021 to 01st May 2021.

Administrative/Examination Assignments

S. No.	Nature of Activity	Designation	Institution/Department	Period
1.	Paper Evaluation	Evaluator	University of Delhi	June 2020
2.	Paper Setter	Examiner	University of Delhi	November 2020
3.	Paper Setter	Examiner	University of Delhi	February 2021
4.	Paper Setter	Examiner	University of Delhi	May 2021
5.	Examiner	Internal Examiner	Kalindi College	May/June 2021
6.	Paper Evaluation	Evaluator	University of Delhi	June 2021
7.	Paper Setter	Examiner	University of Delhi	November 2021
8.	Paper Evaluation	Evaluator	University of Delhi	November 2021
9.	Paper Evaluation	Evaluator	University of Delhi	March 2022
10.	Paper Evaluation	Evaluator	University of Delhi	May/June 2022
11.	Examiner	Internal Examiner	Kalindi College	March 2023
12.	Examiner	External Examiner	Swami Shradhanand College	March 2023
13.	Examiner	External Examiner	Sri Venkateswara College	May 2023
14.	Paper Evaluation	Evaluator	University of Delhi	May/June 2023

Academic and Extra-curricular Activities for students

- Organizer:** Organized an Inter College Annual Fest “Rasayanika-23” on the theme “Green Chemistry” under the aegis of Chemical Society “रसल्लion”, Kalindi College on February 13, 2023.
- Organizer:** Organized a talk on “Chiral Liquid Chromatography: Past, Present and Future” under the aegis of Chemical Society “रसल्लion”, Kalindi College on September 30, 2022.
- Organizer:** Organized उत्सव- The ages of luminous, an Intra College departmental fest Organized by Biocenosis - The Biochemical Society.
- Organizer:** Organized an Oath Ceremony cum Alumni Talk on 10th March 2022 under the aegis of Biochemical Society “Biocenosis”, Kalindi College.
- Organizer:** An online intra-college event on the occasion of Republic Day Celebration under the aegis of “Azadi ka Amrit Mahotsav” on 25th January 2022.
- Organizer:** Election of Office Bearers for Biochemical Society “Biocenosis” on 12th January 2022.
- Teacher Coordinator in Chemmunicate,** An Online event ‘Rasayanika-21’ organized by रसल्लion, Chemical Society of Kalindi College, University of Delhi on 25th and 26th February 2021.
- Teacher Coordinator in Pict-O-Mistry,** An Online event ‘Rasayanika-21’ organized by रसल्लion, Chemical Society of Kalindi College, University of Delhi on 25th and 26th February 2021.
- Staff Advisor:** Documentary on the theme of ‘Celebrating Marie Curie: A Life Story’ under रसल्लion, Chemical Society of Kalindi College in the academic session 2020-21.
- Lectures** for Slow and Fast Learners conducted on every Saturday from 19th September to 21st November 2020.
- Organizer:** Online Inter-College Poster Competition organized by रसल्लion, Chemical Society of Kalindi College, University of Delhi in October 2020.
- Organizer:** Webinar on ‘Process and Challenges of Drug Discovery-A Chemist’s Perspective’ for B.Sc. (H) Chemistry students organized by IQAC and chemical society of Kalindi College on 6th October 2020

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

Instrument Handling

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

Extra-curricular Activities:

- Runner-up of Men's Volleyball (Teaching) competition at the 'Annual Sports Day' of Kalindi College in academic sessions 2022-23.
- Winner of Handball (Teaching) competition at the 'Annual Sports Day' of Kalindi College in academic sessions 2022-23.
- Got third position in Men's Singles (Teaching) Badminton competition at the 'Annual Sports Day' of Kalindi College in academic sessions 2021-22.
- Runner-up of Men's Singles (Teaching) Badminton competition at the 'Annual Sports Day' of Kalindi College in academic sessions 2019-20.
- Second in Men's Singles (Teaching) Sack Race at the 'Annual Sports Day' of Kalindi College in academic sessions 2019-20.

Sajid Iqbal

Dr. Sajid Iqbal