

## **SAIQA IKRAM**

Associate Professor-in-Chemistry  
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Teaching experience UG & PG

**~15 years (Inorganic Chemistry)**

Research Experience (excluding Ph.D. tenure)

**~12 years (Polymer Technology)**

### **Subject Specialization**

- **Inorganic Chemistry**
- **Polymer Technology**
- **Biomedical Engineering**

### **Positions (Service in Jamia):**

Assistant Professor-February 2006-Feb 21, 2018,

Associate Professor, Feb 22, 2018 – Till date

### **Administration/Corporate Contribution**

1. **Warden, Hall of Girls Residence, Jamia Millia Islamia (2014-2016)**
2. **Assistant Proctor, Jamia Millia Islamia (2008-2009)**
3. **Moderator-PLASTINDIA- Exhibition & International Conference-2012**
4. **Secretary-Asian Polymer Association (2 terms) (2009-2013)**
5. **Member (Elected), Executive Council, Jamia Teachers Association (2012-2014)**
6. **Member (Elected), Academic Council, Jamia Millia Islamia 2019-2021**

### **Fellowships Conferred**

- **Junior Research Fellowship** sponsored by University Grants Commission, India 1995
- **Senior Research Fellowship** sponsored by Council for Scientific & Industrial Research India; 2000
- **Research Associate** sponsored by Council for Scientific & Industrial Research, India; 2001

### **Awards & Recognition**

1. **Oct, 2017-Best Innovative Project Award**  
USAID & TERI
2. **Aug, 2018-Nobel Scientist Award –RULA International Award-‘08’**  
*IJRULA-International Journal for Research Under Literal Access*
3. **March 08, 2019- Life Time Achievement Award**  
IconPAC 2019 Recent Advances in Chemical Science,  
K L University, Green Fields Vaddeswaram, Guntur District, Andhra Pradesh, India

### **Invited Talks**

## Research Involvement

**Established Research Infrastructure:** Biomedical-Antimicrobial Research Lab *funded by Department of Biotechnology, Ministry of Sci & Tech, India*

- **Ph.D. Supervision(s)**

Awarded	<b>09</b>
Submitted	<b>00</b>
Pursuing	<b>06</b>
Post Docs	<b>03</b>
  
- **M.Sc. Project guidance (till date)** **25**
  
- **Research Projects (Grant mobilized ~30 Million INR)**
  1. Department of Biotechnology, Ministry of Sci & Tech, India , **BT/PR10215/MED/32/24/2007** (LETTER-II):Dated: July 18, 2008
  2. University Grants Commission, **41-1321/2012(SR)** : Dated: 30 July, 2012
  3. University Grants Commission, **42-269/2013(S.R)**:Dated 01 April 2013
  4. Jamia Millia Islamia–Innovative Funding , **AC-6(15)/RO/2014** Dated : April 07 2014
  5. USAID-TERI under SWASH Scheme, **NIL/2016-2017** dated June 2016 (**Best Innovation Award**)
  6. SPARC, MHRD, Government of India ; **SPARC/2018-2019/P672/SL** dated 15.03.2019, (INR ~82,00,000) in collaboration with **University of Queensland, Australia, Feb 2019 (Ongoing)**
  7. **India-Egypt S & T Cooperation:** Department of Science & Technology, Govt. of India and Academy of Scientific Research and Technology (ASRT), Egypt in collaboration with **Bani-Suef University, Egypt, Feb 2020 (~INR 50Lakhs)**

## Research Papers in Journals (2010 Onwards.....)

**Patent:** *Polyvinyl alcohol Supported Resins for Arsenic Separation and the Product there of (with IIT Delhi)*

Publisher	No. of Paper published	Highest Impact	Prominent Journals
American Chemical Society	1	2.32	ACS Omega
Royal Society of Chemistry	2	3.09	RSC Advances, Toxicology Research
Elsevier	20	6.04	Carbohydrate Polymers, Journal of Photochemistry and Photobiology B, International Journal of Biological Macromolecules
Wiley	4	1.9	Polymer Bulletin, Journal of Applied Polymer Science & others
Springer	8	2.32	Journal of Materials Science: Materials in Electronics & others
Others (Taylor & Francis, American Scientific Publishers, IMED, WST)	29	2.44	Sensors Letters, Water Science & Technology & others

## Books Authored/ Edited:

- 1) **Natural Polymers: Derivatives, Blends and Composites Volume I**  
Nova Science Publishers, Inc. New York, USA; ISBN:978-1-63485-831-1
- 2) **Natural Polymers: Derivatives, Blends and Composites Volume II**  
Nova Science Publishers, Inc. New York, USA; ISBN: 978-1-53610-426-4
- 3) **Chitosan: Derivatives & Composites for Their Applications**  
Scrivener Publishing + Wiley, USA; ISBN: 978-1-119-36350-7
- 4) **Green Polymeric Materials: Advances and Sustainable Developments**  
Nova Science Publishers Inc. New York, USA; ISBN: 978-1-53612-240-4
- 5) **Biocomposites: Biomedical & Environmental Applications**  
PanStanford Publishers- CRC Press, Singapore; ISBN 9789814774383 - CAT# N11974
- 6) **Photocatalysis: Perspective, Mechanism & Applications**  
Nova Science Publishers, Inc. New York, USA ISBN: 978-1-53616-044-4
- 7) **Bionanocomposites: Green Synthesis and Applications;**  
Elsevier, ISBN: 9780128167519

## Chapters in other Books

22

## Educational Qualifications

### \*Degrees (in Chronological Order)

S. No.	Degree	Period of Study	University/ Institution	Subject	Division
a.	X <sup>th</sup>	1987	U. P. Board, Allahabad	Science Discipline	I <sup>st</sup>
b.	XII <sup>th</sup>	1989	----do-----	Science Discipline	I <sup>st</sup>
c.	B.Sc.	1992	C C S University, Meerut	Life Sciences	I <sup>st</sup>

<b>M.Sc.</b>	Dev Nagri Degree College, CCS University, Meerut (UP)	<b>Ist Rank</b>
<b>Ph.D.</b>	Faculty of Technology, Delhi College of Engineering, University of Delhi, Delhi- Year 2000	<b>JRF (UGC) &amp; SRF (CSIR)</b>
<b>Post-Doc-</b>	Centre for Biomedical Engineering, Indian Institute of Technology, Delhi – Year 2001	<b>RA (CSIR)</b>

<b>H index</b>	<b>22</b>
<b>I10 index</b>	<b>39</b>
<b>Citations</b>	<b>≥3200</b>