Curriculum Vitae

Name: **Prof. Imran Ali**
Ph.D., FRSC, C Chem, London (UK)
Ambassador of Bentham Science Publisher

Designation: Professor of Chemistry

Father's Name: Basheer Ahmad

Mailing Address: Prof. Imran Ali
Department of Chemistry
Jamia Millia Islamia (Central University)
New Delhi -110025
Tel.: 09211458226
Email: drimran_ali@yahoo.com
drimran.chiral@gmail.com

Web Sites:

Home Page: http://jmi.ac.in/iali2
Public URL: https://scholar.google.co.in/citations?user=ukpmKoQAAAAJ&hl=en
Researcher ID: F-7710-2010

Education: B.Sc. (1st. Div.) 1983, Meerut University; M.Sc. (1st Div.) 1986, the University of Roorkee, now IIT Roorkee; Ph.D. 1990, University of Roorkee, now IIT Roorkee.

Outstanding Achievements:

- Total Citations: Google: 26,200; - h-index: 71; - i10-index: 230
- Total Publications: 452 (including patents, books, book chapters, research articles, technical reports and conference presentations)
-Books are published in the USA, UK, and The Netherlands.
- Research papers are published with the Royal Society of Chemistry, American Chemical Society, Wiley & Sons, Springer, Taylor & Francis, etc.
- Papers in high impact Journals like He Nature Protocol, Chemical Reviews (Impact factor 52)
- Chartered Chemist (C Chem) of Royal Society of Chemistry, London, UK.
- Fellow of Royal Society of Chemistry (FRSC), London, UK.
- Leading researcher in India in the area of chiral separations.
- Leading researcher in the world in the area of the chiral pollutants. Interestingly, a Search on Google by chiral pollutants keyword results mostly sites related to Prof. Ali
- International Research Collaborations with leading researchers in 12 countries.

Awards and Honours:

- Chartered Chemist (C Chem) of Royal Society of Chemistry, London, UK.
- Fellow of Royal Society of Chemistry (FRSC), London, UK.
- Brand Ambassador of Bentham Science Publisher.
- Khosla Research Award-1987 by University of Roorkee, Roorkee.
- Research Advisor, American Biographical Institute, Inc., USA (2006-conti.).
- Expert for evaluation of research projects, UCOST, Dehradun (From 2006-2008).
- Expert for the selection committee of SRF and RA. CSIR, New Delhi.

Memberships:

- American Chemical Society (ACS), USA.
- American Nano Society, USA.
- Chromedia News, USA.
- Chromedia Chromatographers Community, Amsterdam, The Netherlands.
- Indian Science Congress Association, India.
- Indian Society of Analytical Scientists, India.
- Chromatographic Society of India, India.
- Indian Association for Cancer Research, India.

Research Experience:

- 30 years
- Ph.D. Thesis supervised – **18**
- Ph.D. Thesis in progress – **04**
- M.Sc. Dissertation supervised –**29**

Teaching Experience:

- 25 years (Analytical, Environmental and Organic Chemistry) to under-graduate, graduate and doctoral students.

Research Fields:

- Analytical, Environmental and Medicinal Chemistry (anti-cancer and chiral drugs development, pharmaceutical and environmental analyses by chromatography and capillary electrophoresis, chiral Pollution) and Nanotechnology for Water treatment.

Industrial Experience:

- Consultant at Prochrome India, Mumbai, India from 2000 till now.

Academic Visits Abroad:

- USA, Russia, Germany, UK, Switzerland, France, Belgium, Malaysia, Saudi Arabia, Oman, UAE, Egypt, Kuwait and Nepal.

Editor-in-Chief/Editor:

- Editor-in-Chief, Nanomedicine and Drug Delivery, Glausius Scientific Press.
- Editor, International Journal of Environmental Issues, Hanrell International, Zimbawe, South Africa.
- Associate Editor, Analytical Chemistry Letters, Taylor & Francis.
- Associate Editor, International Journal of Clinical Toxicology, Ettawah Society, Gadap Town, Karachi, Pakistan.
- Associate Editor, Journal of Fine Chemical Engineering, Universal Wiser Publisher, Singapore.
- Section Editor, Current Drug Therapy, Bentham Science Publishers.
- Guest Editors of various Journals for special issues.
- Managing Editor, Current World Environment, Bhopal, India.
- Reviewers for more than 50 International Journals.

On the Editorial Board:

- Separation and Purification Reviews, Taylor and Francis, USA.
- J. Recent Patents on Nanomedicine, Bentham Science Publishers.
- Advances in Analytical Chemistry, Scientific & Academic Publishing, USA.
- Journal of Solid Tumors, Science Education Press, Canada.
- Environmental Science and Pollution Research, Springer, Germany.
- Archives of Environmental Science, Environ. Protection Science Group, China.
- Gazi University Journal of Science, Gazi University, Turkey.
- Egyptian Pharmaceutical Journal, Academy of Scientific Research & Technology, The National Centre for Information & Documentation, Dokki, Cairo, Egypt.
- International Journal of Water Resources and Environmental Engineering, 73023 Victoria Island, Lagos, Nairobi.
- Medical Practice and Reviews, 73023 Victoria Island, Lagos, Nairobi.
- International J. Genuine Traditional Medicine, Association of Genuine Traditional Medicine South Korea.
- Journal of Cancer Therapy and Research, iProbe Group, Virginia, USA.
- International Journal of Environmental Research, University of Tehran, Iran.
- World Journal of Clinical Oncology, Baishideng Publishing Group Inc., USA.
- International Journal of Pharmaceutical Sciences, Acta Scientifica, Bulgaria.
- SciFed Nanotech Research Letters, Scientific Federation.
- Journal of Ultra Chemistry, Bhopal, India.
- Journal of Molecular and Applied Bioanalysis, Chicago, USA.
- SM Analytical and Bioanalytical Techniques, Dover, USA.
- Electronics Science Technology and Application (ESTA), Universe Scientific Publisher, China.

- Current World Environment, Bhopal, India.
- Big Data and Cloud Innovation, WHIOCE Publishing Pte. Ltd., Singapore.
- Journal of Advanced Biotechnology and Bioengineering, China.
- International Journal of Hydrocarbons, USA.
- Asian Journal of Oncology, India.
- Journal of Medicines Development Sciences, WHIOCE Publishing Pte. Ltd., Singapore.
- Current Analysis on Chemistry, Medford Publisher, Canada.
- Global Journal of Human Genetics & Gene Therapy, JPM Press.
- Journal of Natural Products Research Updates, Chulalongkorn University, Thailand.
- Trends in Horticulture, EnPress Publisher.
- Journal of Environmental Research, California, USA.
- Journal of Medicines Development Sciences, Whioce Publishing Pvt. Ltd., Singapore.
- Advanced Materials and Technologies, University of Tambov, Russia.
- Pharmaceutics and Pharmacology, Global Science Library.
- Hydro Science & Marine Engineering (HSME), Bilingual Publishing Co., Singapore.
- Int. J. New Chemistry, Iran.

Reviewers for more than 80 International Journals.

Conferences Organized:

- Co-Chairman, 3rd International Scientific-Practical Conference "Graphene and Related Structures: Synthesis, Production, and Application" (GRS-2019), 11-13 Nov., 2019, Tambov State Technical University, Tambov, Russia.

- Organizing Committee Member, National Conference on Advanced Functional Materials-2019, November 20-21, 2019, Jamia Millia Islamia Central University, New Delhi, India.

- Organizing Committee Member, 7th National Symposium and Conference on Solid State Chemistry and Allied Areas, November 24-26, 2011, Jamia Millia Jamia Millia Islamia Central University, New Delhi, India.

Employment Record: Post Doctoral Fellow (CSIR), IIT Roorkee, 1990-93.
Pool Officer (CSIR), IIT, 1994-96.

Scientist, National Institute of Hydrology, Roorkee, 1996-2006.
Reader, Jamia Millia Islamia, Central University,
New Delhi, 2006-2009.
Associate Professor, Jamia Millia Islamia, Central
University, New Delhi, 2009-2012.
Professor, Jamia Millia Islamia, Central
University, New Delhi, 2012-Conti...

Foreign Appointments:

Scientist at King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia, 2000-2001.
Visiting Scientist at King Faisal Specialist Hospital & Research
Centre, Riyadh, Saudi Arabia, 2002-2006.
Visiting consultant AT Sultan Qaboos University, Muscat, Oman, 2009.
Visiting consultant AT Sultan Qaboos University, Muscat, Oman, 2011.
Visiting Professor at King Saud University, Riyadh, Saudi Arabia, 2013-conti…
Visiting Professor at University of Technology, Johar Bahru, Malaysia, 2014-conti…
Visiting consultant AT Sultan Qaboos University, Muscat, Oman, 2015-conti…

International Recognition:

The research goals are multidisciplinary in nature with the main emphasis on the Environmental, Analytical, Organic and Water Chemistry. The specific research includes nano-technology for water treatment i.e. development of nanomaterials for water treatment using adsorption and photodegradation techniques. The various methods for water treatment using electrochemical techniques have also been developed. The removed water pollutants are toxic metal ions, pesticides, dyes, drug residues, etc. I am also having an expertise in the determination of water quality and contributed this expertise to analyze water qualities of the groundwater of some metropolitan cities of India. Many simple and chiral chromatographic and capillary electrophoretic methods have been developed for the analyses of the drugs, pharmaceuticals, and xenobiotics in biological and environmental matrices. Besides, I have also synthesized some organic molecules as prospective anticancer drugs. Interestingly, I am a pioneer and leading researcher in India in the area of chiral separations by chromatography and capillary electrophoresis. I am also a leading researcher in the world in the area of chiral pollutants. Remarkably, a Google search by the chiral pollutants keyword results from most of the sites related to me.

I have filed five patents, written five books (published from USA, UK and The Netherlands) and more than 400 publications. I am Editor-in-Chief, Editors and on the editorial board of many Journals. I have publications in Nature and Chemical Reviews (ACS) of more than 52 Impact factor. My total Google citation is 18,600 with 68 as h-index and 212 as i10-index

The books written by me are being used as reference sources for the students, academicians, researchers, clinicians and the Government regulatory authorities all over the world. The research papers are being used by various industries globally.

Five books written by me are being used as reference sources globally.

1. Imran Ali, Hassan Y. Aboul-Enein and V.K. Gupta, Nano Chromatography and Capillary Electrophoresis: Pharmaceutical and Environmental Analyses, Wiley & Sons, Hoboken, USA (2009), ISBN: 978-0-470-17851-5.
2. Imran Ali and Hassan Y. Aboul-Enein, Instrumental Methods in Metal Ions Speciation, Taylor & Francis Ltd., New York, USA (2006), ISBN: 0-8493-3736-4.
3. Imran Ali and Hassan Y. Aboul-Enein, Chiral pollutants: Distribution, toxicity and analysis by chromatography and capillary electrophoresis, Johan Wiley & Sons, New York, USA (2004), ISBN: 0-470-86780-9.
4. Hassan Y. Aboul-Enein and Imran Ali, Chiral separations by liquid chromatography and related technologies, Marcel Dekker, Inc., New York, USA (2003), ISBN 0-8247-4014-9.
5. Imran Ali and V.K. Gupta, Environmental water: Advances in treatment, remediation and recycling, Elsevier, The Netherlands (2012), ISBN is 978-0-444-59399-3.

International Collaborations:

1. **Dr. Leonid Asnin**
Perm National Research Polytechnic University,
Dept. of Chemistry and Biotechnology, Komsomolsky Av. 29,
Perm 614990, **RUSSIA**

2. **Prof. A. Grahn**
Biotech AB, Box 133, 439 23, Onsala, **SWEDEN**

3. **Prof. M.G. Schmid**
Institute of Pharmaceutical Chemistry
Karl-Franzens University of Graz, Universitätsplatz, Graz, **AUSTRIA**

4. **Prof. G. Gubitz**
Department of Analytical Chemistry
Janus Pannonius University, Ifùsàg ùtca 6, H-7624 Pècs, **HUNGARY**

5. **Prof. G. Bazylak**
Department of Pharmaco-Bromatology & Molecular Nutrition
Faculty of Pharmacy, Collegium Medicum, Nicolaus Copernicus University, Bydgoszcz, **POLAND**

6. **Prof. Hassan Y. Aboul-Enein**
The National Research Centre, Dokki, Cairo – 12622, **EGYPT**

7. **Dr. Mohammed Alzabbi**
Sultan Qaboos University, Muscat, **OMAN**

8. **Prof. Mohd Marsin Sanagi**
Department of Chemistry, Faculty of Science
Universiti Teknologi Malaysia, **MALAYSIA**

9. **Dr. Diana Wesselinova**
Institute of Parasitology and Experimental Pathology
Bulgarian Academy of Sciences - 1113, Sofia, **BULGARIA**

10. **Prof. Zeid A. Al-Othman**
Department of Chemistry,
College of Science, King Saud University, Riyadh, **SAUDI ARABIA**

11. **Dr. Norikaju Nagae**
ChromaNik Technologies Inc., 6-3-1 Namiyoke, Minato-ku, Osaka, **JAPAN**

12. **Dr. Ming-Fa Hsieh**
Department of Biomedical Engineering, Chung Yuan Christian University
200 Chung Pei Rd, Chung Li, **TAIWAN**

Research Projects:

1. Evaluation of Aftimoon (*Cuscuta Reflexa Roxb.)* Plant and its Seeds on Different Human Cancer (Sartan) Cell Lines, **AYUSH, New** Delhi (September 2107 to March 2019; **Rs. 55,18,600).**

2. Chiral chromatography of compounds with two asymmetric centers, **DST, New Delhi, India and RFBR, Russia (**From October 2017 to March 2019; **Completed, Rs, 18,22,800).**

3. Mechanisms of retention and enantio-separation of chiral quinolines on enantioselective adsorbents under liquid chromatographic conditions, **DST, New Delhi, India and RFBR, Russia (**From October 2013 to September 2015; **Rs, 20,00,00).**

4. Racemization of antifungal agents enantiomers with benzylic proton at physiological pH - **Uttrakhand State Council for Science & Technology, Dehradun.**
   (From to Jan 2007- July 2009; Rs. 16,000,00).

5. Monitoring of arsenic in groundwater of Ballia district, Uttar Pradesh using remote sensing and GIS techniques - **Ministry of Environment & Forests, New Delhi.**
   (From to Feb 2011- July 2013; Rs. 27,90,178)

6. Assessment of water quality of 22 metropolitan cities of India - **CPCB, New Delhi.**
   (From to Jan 2005- July 2007; Rs. 22,00,00)

Sessions Chaired:

1. Current regulations on herbal drugs and food supplements, Jami Hamdard University, New Delhi, India, 16th May, 2017.

2. Recent Advances in Chemistry, Jamia Millia Islamia, 25th April, 2016, New Delhi, India.

3. Second International Research Conference, 28-29 Oct. 2015, Dubai.

4. India Water week 2016, 6th April, 2016, New Delhi India.

Invited Lectures/Talks Delivered:

5. Graphene is a Miracle Material for 21st Century, **3rd International Scientific-Practical Conference "Graphene and Related Structures: Synthesis, Production, and Application" (GRS-2019), 11-13 Nov., 2019, Tambov State Technical University, Tambov, Russia.**

6. Origin of chirality, **King Saud University, Saudi Arabia, 10th October, 2018.**

7. Social impact of chirality, **King Saud University, Saudi Arabia, 10th October, 2018.**

8. How to publish papers in high impact factor Journals? **Islamic Azad University, Avantipura, Srinagar, J & K, 10 August, 2018 (2018).**

9. Future need and demand of column operations for water treatment using nano materials, 2nd International Scientific-Practical Conference "Graphene and related structures: Synthesis, production, and application", **Tombav, Russia, November 15-17 (2017).**

10. Nano Separations, 6th International Chemistry conference, 8-10 November, 2016, King Saud University, Riyadh, Saudi Arabia.

11. A successful career in science: Need of the present and next centuries, 7th November, 2016, University Technology Malaysia, Johor Bahru, Malaysia.

12. 16th Asia pacific international symposium on microscale separations and analysis, 8-11 November, 2016, University Technology Malaysia, Johor Bahru, Malaysia.

13. Chiral drugs development by HPLC, 24th September, 2016, Dubai Pharmacy College, Dubai, UAE.

14. Need of chiral drugs and their development by HPLC, New paradigm in chemical science: Synthetic and analytical Perspectives-2016, Punjabi University, Patiala, Punjab, India, February 4-5, 2016.

15. Future and prospective of smart materials, Smart Materials: Advances in Research and Techniques (SMART-2015), Solan, 27-28 Nov., 2015.

16. Cancer scenario in Gulf countries and the future of nano anti-cancer drugs, Second International Research Conference, Dubai, 28-29 Oct. 2015.

17. Art of publication in high impact factor Journals, Ibnai Suna Institute of Technology, University Technology Malaysia, Johor Bahru, Malaysia, 23 Nov., 2014.

18. Core-shell technology, for ultra-fast separations, Department of Chemistry, University Technology Malaysia, Johor Bahru, Malaysia, 24 Nov., 2014.

19. Advanced water treatment methods, Department of Chemistry, University Technology Malaysia, Johor Bahru, Malaysia, 25 Nov., 2014.

20. New generation adsorbents for water treatment, NANOCAT, University of Malay, Kula Lumpur, Malaysia, 28 Nov., 2014.

21. Pesticides in the environment and their analyses, 15th Oct., 2014, Academic College, Jamia Millia Islamia, New Delhi, India.

22. Ultra-fast HPLC on superficially porous columns for pharmaceutical analyses, International Symposium on Current Trends and Future Prospects in Pharmaceutical Sciences, Pokhra University, Nepal, July, 6-7 (2014).

23. Nano-chromatography and nano-capillary electrophoresis: Current developments and need of future, Quest Pharm. Ltd., Birgang, Nepal, July, 8 (2014).

24. Pesticides havoc and analysis, Department of Education, 13rd May, 2014, Jamia Millia Islamia, New Delhi, India.

25. Analyses of pesticides by advance methods, 2nd Dec., 2013, Academic College, Jamia Millia Islamia, New Delhi, India.

26. Chiral drugs analyses by HPLC, Emerging trends in analytical science, IICT, Hyderabad, Nov., 27, 2013.

27. Innovative technologies for fast HPLC analyses, Mahatma Gandhi University, Kottayam, Kerala, India, 5th Nov., 2013.

28. Role of chromatography in separation science, Mahatma Gandhi University, Kottayam, Kerala, India, 27th Aug., 2013.

29. Food: Loss, wastage and security, Environmental Day, Dr. R.M.L. Lohia University, Faizabad, 5th June, 2013.

30. Recent trends in ultra fast HPLC, Arab Lab., UAE, 10-13 March, 2013.

31. Chiral drugs development: Need of the present century, 11 March, 2013, UAE University, Al-Ain, UAE.

32. Nano anti-cancer drugs: Future magic medication, 11 March, 2013, UAE University, Al-Ain, UAE.

33. Pesticides and water quality, India water week, CWC, 10-14, April, 2012, New Delhi, India.

34. Smart applications of chromatography and capillary electrophoresis, Part – I, King Saud University, Saudi Arabia, 22nd June, 2011.

35. Role of HPLC in chiral drugs development, Indian Drugs Manufacturers Association (IDMA) and Association of Pharmaceutical Analysts (APA), 11th Pharmaceutical Analysts Convention, Hyatt Regency, Mumbai, 11th Oct. (2008).

36. Chiral chemistry, Dr. D.N. Patkar Memorial Seminar, University of Mumbai, Mumbai, 10th Oct. (2008).

37. Liquid chromatography – Tool for Chiral Assessment, Dr. D.N. Patkar Memorial Seminar, University of Mumbai, Mumbai, 10th Oct., (2008).

38. An introduction of capillary electrophoresis, Workshop on Chromatographic Techniques, 10th Sept., 2007, Department of Chemistry, Jamia Millia Islamia (Central University), New Delhi, India.

39. Scientific education: A sustainable future to develop India, N.S.S. Workshop, Mussoorie, Sponsored by Uttrakhand State Science Congress, Dehradun, 11 Aug., 2007.

40. *In vitro* and *in vivo* racemization of optically active drugs, First Uttrakhand State Science Congress, Dehradun, 10-11 Nov. (2006).

41. Water quality and health: An urgent need for awareness, at several villages of District Hardwar, Uttrakhand (2005).

42. Analysis of pesticides in water, National Institute of Hydrology, Roorkee, India (2004).

43. Health and metal ion speciation, National Symposium on advanced instrumental methods of analysis, 18-19 December, Dehradun, India (2004).

44. Advances in metal ion speciation by capillary electrophoresis, National Institute of Hydrology, Roorkee, India (2003).

45. Chirality: A challenge to the environmental scientists, National Symposium on advanced instrumental methods of analysis, 7-8 June, 2002, Dehradun, India (2002).

Ph.D. Students Supervised:

S. No.	Name of the Students	Ph.D. Thesis Topics	Years
1.	R. Vadivelan	Synthesis, characterization and biological studies of some heterocycles and their complexes.	2018
2.	Mohammad Nadeem Lone	DNA Binding and Anticancer Studies of Some Nitrogen and Sulphur Heterocyclic Compounds.	2018
3.	Kamlesh Kumar Dutta	Development of HPLC and UFLC Methods Using Core-Shell Columns for Analyses of Antidiabetic, Antihistamine and Cardiac Drugs.	2018
4.	Dnyaneshwar K. Nighot	Coupling Of Haloarenes with terminal Alkynes by using Copper Complexes.	2018
5.	Umma Kulsum	Development of SPE-HPLC methods for analyses of β-blockers, profens and vitamin B complex in human plasma using new generation columns.	2016
6.	Ashanul Haque	Isolation, characterization, and applications of anticancer compounds from medicinal plants.	2014
7.	Saif Ali	Removal of toxic metal ions from water by using low-cost adsorbents.	2014
8.	Syed Dilshad Alam	Development of SPE-HPLC methods for analyses of simple and chiral drugs in human plasma.	2014
9.	Mohd. Asim	Development of electrochemical methods of arsenic removal from groundwater.	2013
10.	Waseem Ahmad Wani	Syntheses, characterization and anti-cancer profiles of glutamic acid derivatives and their metal ion complexes.	2013
11.	Afzal Hussain	Evaluation of chromatographic methods for analyses of simple and chiral drugs in human plasma.	2010
12.	Iqbal Hussain	Development of liquid chromatographic methods of simple and chiral drugs in biological samples.	2010
13.	Bhavtosh Sharma	Studies on racemization of anti-fungal agents enantiomers with benzylic proton at physiological pH.	2010
14.	Shilpi Aggarwal	Chromatographic methods development for analysis of amino acids and their PTH- and DNP- derivatives.	2009
15.	Uma Negi	Chromatographic analyses of some drugs in biological samples.	2009
16.	Archna Badoni	Analysis of water pollutants using chromatographic techniques.	2008
17.	V.K. Saini	Removal of some toxic substances from wastewater using inexpensive alternatives to carbon.	2007
18.	H.V. Pant	Analysis of some drugs in wastewater using chromatographic techniques.	2004

Ph.D. Thesis Under Progress:

S. No.	Name of the Students	Ph.D. Thesis Topics
1.	Mohd. Farooq	Evaluation of anticancer activities of Eugenia Caryophyllus, Sessium Indicum and Solanum Nigrum plants on different Human Cancer (sartan) Cell lines.
2.	Mohd. Suhail	Development and Validation of Chiral-HPLC Methods for Analysis of Two Chiral Centers Molecules in Biological Samples.
3.	Sofi Danish Mukhtar	Synthesis, Characterization and Anticancer Activities of Heterocyclic Molecules Encapsulated in Nanocarriers.
4.	Rupak Raja	Separation and Identification of Some Potential Chiral Drugs on Polysaccharides Based Immobilized Columns Using Super Critical Fluid Chromatography.

M.Sc. Dissertations Supervised:

S. No.	Name of the Students	Dissertation Topics	Years
1.	Alla Elmi	Preparation of iron oxide nano-adsorbent by green technology for the removal of a toxic metal ion in water.	2019
2.	Shalu Aggarwal	Synthesis of benzimidazole derivatives, characterization, molecular modeling, and DNA binding studies	2017
3.	Shikha Mankotia	Synthesis, characterization, DNA binding and docking studies of Knovengeal condensates of curcumin	2017
4.	Shabbir Ahmed Khan	Determination of Contraceptives in Human Plasma by Nano-Particles Based Dispersive Sample Preparation Method and High-Performance Liquid Chromatography	2017
5.	Shalu Aggarwal	Synthesis of benzimidazole derivatives, characterization, molecular modeling, and DNA binding studies	2017
6.	Khalid Naeem	Synthesis, characterization, physio-chemical properties and docking studies of pyrazoaldehydes	2016
7.	Akram Hussain	Synthesis, characterization, physio-chemical properties and docking studies of aromatic isothiocyanates	2016
8.	Asif Khan	Synthesis and application of nanocomposite adsorbent for sample preparation of quinolones antibiotics for HPLC analysis	2016
9.	Jabeen Abbasi	Development of solid-phase membrane micro tip extraction and HPLC methods for analyses of cardiovascular drugs	2015
10.	Deepika Rani	Synthesis, characterization and utilization of nanocomposite adsorbent for sample preparation of anti-arthritis drugs for HPLC analysis.	2015
11.	Imranul Haque	Separation and identification of phenolics in anti-obesity drugs by HPLC.	2014
12.	Safiullah Fetrat	Synthesis, purification, and characterization of Copper(II) and	2014

		Nickel(II) complexes of a pyrazoline based ligand.	
13.	Shehnaz Ali	Enantiomeric resolution of atenolol and propranolol by diastereoisomeric salt formation.	2014
14.	Shilpi	Chiral separations of salbutamol and pheniramine drugs by diastereoisomeric salts formation.	2014
15.	Imranul Haque	Separation and identification of phenolics in anti-obesity drugs by HPLC.	2014
16.	Nidal M.I. Al-Bau	Monitoring of β-blockers in tablets by HPLC.	2013
17.	Farha	Synthesis, characterization and physico-chemical properties of pyrazolealehydes.	2013
18.	Sofi Danish Mukhtar	Synthesis, characterization, physico-chemical properties and DNA docking studies of Schiff's bases of pyrazolealehydes.	2013
19.	Mohamad Nadeem Lone	Synthesis, purification, and characterization of Copper(II) and Nickel(II) complexes of a pyrazoline based ligand.	2012
20.	Mohd. Shabbir	Synthesis, purification, and characterization of some chalcone derivatives.	2012
21.	Mani Shankar Pandey	Synthesis and structure elucidation of macrocyclic complexes of Cu(II), Ni(II) and Zn(II) bearing amphillic arms.	2011
22.	Mohd. Asad	Validation of HPLC method for analysis of triprolidine, phenylephrine and paracetamol in pharmaceutical dosages.	2010
23.	Parul Goel	Quality control of Profens by TLC on plain and impregnated silica gels.	2010
24.	Md. Rehan	Synthesis and study of N,N'-bis (salicylidene) ethylenediamine and its metal ion complexes.	2010
25.	Mohammad Tanweer	Thin layer chromatographic study of vitamin B complex in dosage formation.	2009
26.	Nazia Anwar	Synthesis, characterization and biological activities of anti-cancer drugs.	2008
27.	Niraj Singh	Synthesis, characterization and biological activity of antiviral drugs.	2008
28.	Ashraf Rather	Homochiral drug designing by racemization.	2007
29.	Md. Shaukat Raza	Role of HPLC in drug development.	2007

List of Publications

Patents:

1. **Imran Ali** and V.D. Gaitonde, Smart solvent saving HPLC reservoir, **Patent No. 295484, IPO, New Delhi (2012).**

2. **Imran Ali**, Vinay D. Gaitonde and M.V. Narendra Kumar Talluri, Integrated through bore direct-coupled low volume HPLC guard and preparative columns unit, **IPO, New Delhi, 547/DEL/2013.**

3. A.K. Jain and **Imran Ali,** A new process for the preparation of keto oxazoline, **IPO, New Delhi, 57251/DEL/2017.**

4. A.K. Jain and **Imran Ali,** A Highly efficient synthesis for the preparation of Novel 9H-purin-2-amine derivatives **IPO, New Delhi, 45429/DEL/2018.**

5. **Imran Ali** and A.K. Jain, New process for the preparation of Novel uracil derivatives and its docking study, **IPO, New Delhi, 45408/DEL/2018.**

Books:

6. Kallenborn R., Hühnerfuss H, H. Y. Aboul Enein and **Imran Ali**, Chiral environmental pollutants: Trace analysis and ecotoxicology, **2nd Edition, Springer, Germany, In Press (2019).**

7. **Imran Ali**, Hassan Y. Aboul-Enein and V.K. Gupta, Nano Chromatography and Capillary Electrophoresis: Pharmaceutical and Environmental Analyses, **Wiley & Sons, Hoboken, USA (2009), ISBN: 978-0-470-17851-5.**

8. V.K. Gupta and **Imran Ali**, Environmental water: Advances in treatment, remediation, and recycling, **Elsevier, The Netherlands, (2012). ISBN is 978-0-444-59399-3.**

9. **Imran Ali** and Hassan Y. Aboul-Enein, Instrumental methods in metal ions speciation: Chromatography, Capillary Electrophoresis, and Electrochemistry, **Taylor & Francis Ltd., New York, USA (2006), ISBN: 0-8493-3736-4.**

10. **Imran Ali** and Hassan Y. Aboul-Enein, Chiral pollutants: Distribution, toxicity and analysis by chromatography and capillary electrophoresis, **John Wiley & Sons, Chichester, UK, (2004), ISBN: 0-470-86780-9.**

11. Hassan Y. Aboul-Enein and **Imran Ali**, Chiral separations by liquid chromatography and related technologies, **Marcel Dekker, Inc., New York, USA (2003), ISBN: 0-8247-4014-9.**

Chapters in Books and Encyclopaedia:

12. **Imran Ali**, Zeid A. Alothman, Abdulrahman and Amal Mohammed Al-Mohaimeed, Removal of metal ions using graphene-based adsorbents, In Nanostructured materials for treating aquatic pollution (Edt. Gil Gonçalves), **Springer, In Press (2019).**

13. **Imran Ali**, Zeid A. Alothman, Abdulrahman Alwarthan and Hassan Y. Aboul-Enein, Applications of Ionic Liquids in Chemical Science, In Recent Advances in Analytical Techniques, Vol. 2, 382-412, **Bentham Science (2018)., ISSN: 978-1-68108-575-3.**

14. **Imran Ali**, Asif Ali Qureshi, Zeid A. Alothman, Abdulrahman Alwarthan, Removal of dyes from water by adsorption using nano adsorbents**, Kirk-Othmer Encyclopedia of Chemical Technology, John Wiley and Sons, Inc., USA, 1-15 (2017)., Online ISBN: 9780471238966; DOI: 10.1002/0471238961.**

15. **Imran Ali**, Zeid A. AL-Othman, Abdulrahman Alwarthan and Hassan Y. Aboul-Enein, Capillary electrophoresis: An versatile technique in pharmaceutical analysis, In Capillary electrophoresis: Recent developments and trends in Pharmaceutical research (Edts. Suvardhan Kanchi, S., Bisetty, K., Sabela, M.I.), **The Pan Stanford Publications, Singapore (2016)., Hard copy ISBN: 10: 981477412X and Electronic copy ISBN: 13: 978-9814774123.**

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