

RESUME

Dr. SAEEDA NADIR ALI

(HEC Approved Supervisor)

A Career Objectives

To attain a challenging position in Teaching and Research/Education administration providing hands-on experience to young scholars.

B Contact information

Address: A-14, Blessings Apartment, Abdul Rahman Street, Garden East, Karachi, Pakistan.

Mobile: +92333-7208120

e-mail: saeeda@neduet.edu.pk, saeeda_khowaja@hotmail.com

C Academic qualification

Ph.D (Chemistry) 2014 Department of Chemistry, University of Karachi, Pakistan.

M.Sc. (Chemistry) 2006 Department of Chemistry, University of Karachi, Pakistan.

D Awards and honors

1. Honored to be judge in Sindh Provincial Science Fair 2015 organized by Intel Pakistan Corporation from 27th to 29th October, 2015.
2. Session Best Paper Award in 2nd International Conference on Chemical, Biological, and Environmental Sciences (ICCBES'15) held on May 20-21, 2015 at Dubai (UAE).
3. Awarded HEC Indigenous Scholarship Batch IV (2007).
4. Qualified GAT (Graduate Assessment Test) in 2007.

E Fields of Interest

1. Liquid Chromatography
2. Method development and validation by HPLC
3. Charge Transfer Complexes.
4. Drug-Drug and Drug-Metal Interaction
5. Synthesis of Drug-Metal Complex and Structure Elucidation
6. Pesticides
7. Biosurfactant

F Professional Recognitions

Editor: Science Journal of Chemistry

Reviewer: Saudi Pharmaceutical Research, Medicinal Chemistry Research, Current Pharmaceutical Analysis, Medicinal Chemistry: Current Research

G Professional Experience

Associate Professor: Department of Chemistry, NED University of Engineering and Technology. (Aug 2017-to date)

Contract Faculty: Department of Chemistry, NED University of Engineering and Technology. (Feb 2014-Aug 2017)

Assistant Professor: Department of Chemistry, NED University of Engineering and Technology. (June 2014-May 2015)

Co-operative Teacher: Department of Chemistry, University of Karachi. (Sept 2007-Dec 2007)

Research Fellow: Pakistan Agricultural Research Council, University of Karachi. (April 2007-June 2007)

H Research Project financed

Awarded with Start-up research grant from Higher Education Commission, Pakistan for the project entitled Spectrophotometric studies of drugs and pesticides charge transfer complexes in March 2015.

I Research activities

a. MS-ISP

Year	Batch	Title	Status
2017-18	Ms. Aneeqa Khalid MSIC 2016-17	Health concerns of pesticides driven from food produces	On going
2015-16	Ms. Nida Naz MSIC -2014-15	LC-UV method for determination of citalopram with simultaneously prescribed medicines in raw material and commercial preparation.	Completed
2015-16	Ms. Shumaila Akram MSIC -2014-15	Liquid chromatographic method for simultaneous determination of alprazolam with co-prescribed drugs in bulk and dosage formulations.	Completed
2015-16	Ms. Saman Naeem MSIC -2014-15	Spectrophotometric determination of antihistamine through charge transfer complexes.	Completed

b. Final Year Project

Year	Batch	Title	Status
2018	BSIC 2014-15	Extraction and purification of organic wax from press mud produced by sugar industries	On going
2017	BSIC -2013-14	Purification and characterization of Biosurfactant	Completed

c. Research Project Submitted to HEC

Year	Name of PI	Title	NRPU/SRGP etc	Status
2017	Dr. Saeeda Nadir Ali	Novel Charge Transfer Complexes of Quinolones with σ/π acceptors or n donors: Synthesis and Meticulous Characterization	NRPU-2017	Submitted
2017	Dr. Amtul Qayoom	Flavonoid Capped Silver and Gold Nanoprobes for Simple and Sensitive Detection of Broad-Spectrum Aminoglycoside Antibiotics: Applications in Biological Fluids and Environment Samples.	NRPU-2017	Submitted
2017	Dr. Saeeda Nadir Ali	Upgradation of Laboratory	ISULL	Submitted
2016	Dr. Saeeda Nadir Ali	Post disaster self-management by promoting awareness in general public of Hyderabad (rural).	Social Integration Outreach Program-2016	Not Accepted
2016	Dr. Amtul	Synthesis and optimization of activated carbon supported	NRPU-2016	Not Accepted

	Qayoom	transition metal nanocatalysts for reduction of nitroaromatic pollutants		
2016	Dr. Saqib Anjum	Fabrication of thin film high efficiency solar cell using solid-state chemistry.	NRPU-2016	Not Accepted

J Professional Skills

1. Shimadzu 1600 & 1800 double beam UV-visible spectrophotometer (Version 2.32 Software)
2. Shimadzu Prestige-21200VEC FT-IR (Version 1.2 software)
3. Shimadzu SPD-20A Liquid Chromatographic System (CLASS-GC software Version 10.0)
4. Chem. Office
5. MATLAB
6. Minitab 17 Cracked
7. SPSS 16
8. STATISTICA 5 & 7
9. Endnote
10. Microsoft Windows XP and 8
11. Microsoft Office 2003, 2007 and 2010
12. Adobe Flash

K Certificate Courses

1. **Publication Ethics, Peer Review and Metrics** by Elizebath Wager (Publications Consultant, Sideview, UK, Ex Chairperson COPE, Member of Ethics Committee for BMJ & WAME) held at Metropolitan Palace, Dubai UAE on August 13-14th, 2015.
2. **Developing a Successful Journal** by Pippa Smart (Research communication and publishing consultant, UK) held at Metropolitan Palace, Dubai UAE on August 13-14th, 2015.
3. **C21st Marketing for Scholarly Journals** by Rachel Maund (Marketability, a UK-based publishing consultancy. London) held at Metropolitan Palace, Dubai UAE on August 13-14th, 2015.
4. A Lecture Series on **Modern Mass Spectrometry** by Prof. Dr. David Smith (University of Nebraska, USA) held at LEJ International Center for Chemical and Biological Sciences, University of Karachi. (2009)
5. Three Months Certificate Course of **Medical Transcription** from Efrogtrain Institute (2004).

L Publication

1. **Saeeda Nadir Ali**, Nida Naz, Amtul Qayoom, Shumaila Akram, Liquid Chromatographic Method for Simultaneous Determination of Citalopram with NSAIDs in Bulk Drug, Pharmaceutical Formulation and Human Serum. Journal of Chemical Society of Pakistan, 2017, 39 (6), 970-978.
2. Amtul Qayoom, Syed A. Kazmi, **Saeeda N. Ali**, "Kinetic Modelling of aqueous Cu (II) Adsorption onto Turmeric Powder: Effect of Temperature" Journal of Chemical Society of Pakistan, June 2017, 39(3) 384-390.
3. **Saeeda Nadir Ali**, Najma Sultana, Amtul Qayoom, M. Saeed Arayne (2017) Synthesis and spectrophotometric study of omeprazole charge transfer complexes with bromothymol blue, methyl orange and picric acid Moroccan Journal of Chemistry Vol 5(1) 212-226.
<http://revues.imist.ma/index.php?journal=morjchem&page=article&op=view&path%5B%5D=6551>

4. Amtul Qayoom, Syed A. Kazmi, **Saeeda Nadir Ali**, (2017) "Equilibrium Modelling for Adsorption of Aqueous Cd(II) onto Turmeric: Linear versus Nonlinear Regression Analysis", Moroccan Journal of Chemistry, 5(2) 362-370.
<http://revues.imist.ma/index.php?journal=morjchem&page=article&op=view&path%5B%5D=6548>
5. Shumaila Akram, **Saeeda Nadir Ali**, Amtul Qayoom, Nida Naz (2017) High performance liquid chromatographic method for simultaneous determination of alprazolam with antihistamines in bulk drug, pharmaceutical formulation and human serum. Sindh University Research Journal (Science Series) 14:49(1) 7-12.
<http://sujo.usindh.edu.pk/index.php/SURJ/article/view/3020/2265>
6. Amtul Qayoom, Syed Arif Kazmi, **Saeeda Nadir Ali** (2017) Turmeric powder as a natural heavy metal chelating agent: Surface characterization, Pakistan Journal of Scientific & Industrial Research (PJSIR), 2017, 60(1) 1-8.
http://www.pjsir.org/documents/journals/24022017174302_Binder1Abstract.pdf
7. **Saeeda Nadir Ali**, Najma Sultana, AmtulQayoom, Muhammad Saeed Arayne (2016) Liquid Chromatographic Determination of Alprazolam with ACE Inhibitors in Bulk, Respective Pharmaceutical Products and Human Serum." Science International (Lahore), 28(4), 3815-3819.
<http://www.sci-int.com/pdf/10933043541%20a%203815%203819%20Saeeda%20Nadir%20Ali--CHEM--NED--KARACHI--4-6-16.pdf>
8. Amtul Qayoom, Syed A. Kazmi, **Saeeda Nadir Ali** (2016) Adsorption Of Aqueous Cd (II) ions onto Turmeric Powder: Kinetic Modelling. Science International (Lahore), 28(4),3777-3782.
<http://www.sci-int.com/pdf/3096854301%20a%203777-3782%20Amtul%20Qayoom--CHEM--rectified--HEJ,%20KARACHI-13-7-16.pdf>
9. Shumaila Meraj, Amtul Qayoom, **Saeeda Nadir Ali**, (2016) "Effective Optimization of Indigo Dyeing Process: A Case Study" Journal of New Technology and Materials, 6(2) 33-37.
[file:///E:/Updated%20CV%20Saeeda/Publications/018%20\(2016\)%20Shumaila%20Meraj.pdf](file:///E:/Updated%20CV%20Saeeda/Publications/018%20(2016)%20Shumaila%20Meraj.pdf)
10. Sajid Iqbal, Sumayya Saied, Riaz Uddin, Abbas Bhutto, **Saeeda Nadir Ali**, Najmus Sahar and Mubarik Ahmed (2014) Half-Life study of imidacloprid in stored wheat grain at different temperatures. American-Eurasian Journal of Agricultural & Environmental Sciences 14:172-178.
[http://www.idosi.org/aejaes/jaes14\(2\)14/14.pdf](http://www.idosi.org/aejaes/jaes14(2)14/14.pdf)
11. Najma Sultana, M. Saeed Arayne and **Saeeda Nadir Ali** (2013) An Ultra-sensitive LC Method for the Simultaneous Determination of Paracetamol, Carbamazepine, Losartan and Ciprofloxacin in Bulk Drug, Pharmaceutical Formulation and Human Serum by Programming the Detector American Journal of Analytical Chemistry 4:24-33.
<http://www.scirp.org/journal/PaperInformation.aspx?PaperID=26742>
12. Najma Sultana, M. Saeed Arayne and **Saeeda Nadir Ali** (2013) Simultaneous liquid chromatographic determination of two co-prescribed anti-cancer drugs in bulk drug, dosage formulations and in human serum using multivariate technique: Application to in-vitro drug interaction. Pharmaceutica Analytica Acta 4:215.
<http://www.omicsonline.org/simultaneous-liquid-chromatographic-determination-of-two-co-prescribed-anti-cancer-drugs-in-bulk-drug-dosage-formulations-2153-2435.1000215.pdf>
13. Najma Sultana, M. Saeed Arayne, **Saeeda Nadir Ali** (2013) Ultra-sensitive simultaneous LC determination of pravastatin, diltiazem, naproxen sodium and meloxicam in API, pharmaceutical formulations and human serum by programming the detector. American Journal of Applied Chemistry 1:1-8.
<http://article.sciencepublishinggroup.com/pdf/10.11648.j.ajac.20130101.11.pdf>
14. Najma Sultana, M. Saeed Arayne, **Saeeda Nadir Ali** (2013) Charge transfer complexes of gamma aminobutyric acid-analogue, a neurotransmitter: Synthesis and spectrophotometric determination. Journal of Bioanalysis and Biomedicine 5:013. <http://www.omicsonline.org/charge-transfer-complexes-of-gamma-aminobutyric-acid-analogue-a-neurotransmitter-synthesis-and-spectrophotometric-determination-1948-593X.1000075.pdf>

15. Najma Sultana, M. Saeed Arayne and **Saeeda Nadir Ali** (2013) The use of chloranilic acid for the spectrophotometric determination of three macrolides through charge transfer complex. *Medicinal Chemistry* 3: 241-246. <http://www.omicsonline.org/the-use-of-chloranilic-acid-for-the-spectrophotometric-determination-of%20three-macrolides-through-charge-transfer-complex-2161-0444.1000146.pdf>
16. Najma Sultana, M. Saeed Arayne and **Saeeda Nadir Ali** (2013) Spectrophotometric studies of lamotrigine charge transfer complexes: Synthesis and characterization. *Pharmaceutica Analytica Acta* 4:260. <http://www.omicsonline.org/spectrophotometric-studies-of-lamotrigine-charge-transfer-complexes-synthesis-and-characterization-2153-2435.1000260.pdf>
17. Najma Sultana, M. Saeed Arayne, **Saeeda Nadir Ali** (2013) Spectrophotometric determination of quinolones by charge transfer complexation with chloranilic acid: Synthesis and characterization, *Medicinal Chemistry* 3:171-175. <http://www.omicsonline.org/spectrophotometric-determination-of-quinolones-by-charge-transfer-complexation-with-chloranilic-acid-synthesis-and-characterization-2161-0444.1000271.pdf>
18. Najma Sultana, M. Saeed Arayne and **Saeeda Nadir Ali** (2013) Liquid chromatographic method for the simultaneous determination of captopril, piroxicam and amlodipine in API, pharmaceutical formulation and human serum by programming the detector *Journal of Separation Science* 36:3176-3183. <http://onlinelibrary.wiley.com/doi/10.1002/jssc.201300104/abstract>
19. Najma Sultana, M. Saeed Arayne, MoonaMehboob Khan and **Saeeda Nadir Ali** (2013) Development of liquid chromatography–UV method for simultaneous determination of leflunomide and NSAIDs in API and pharmaceutical formulations: It's Application to in-vitro interaction studies. *Medicinal Chemistry*3: 262-270. <http://www.omicsonline.org/development-of-liquid-chromatographyuv-method-for-simultaneous-determination-of-leflunomide-2161-0444.1000262.pdf>
20. Najma Sultana, M. Saeed Arayne and **Saeeda Nadir Ali** (2013) Synthesis and spectrophotometric determination of ibuprofen charge transfer complexes with p-chloranil, 7,7,8,8-tetracyanoquinodimethane, bromothymol blue, methyl orange and picric acid. *Journal of Bioanalysis & Biomedicine* 5: 122-129. <http://omicsonline.org/synthesis-and-spectrophotometric-determination-ibuprofen-charge-transfer-complexes-with-pchloranil-tetracyanoquinodimethane-1948-593X.1000092.pdf>
21. Najma Sultana, M. Saeed Arayne and **Saeeda Nadir Ali** (2012) Simultaneous determination of glipizide and glimepiride by RP-HPLC in dosage formulations and in human serum *Medicinal Chemistry Research* 21:2443-2448. <http://link.springer.com/article/10.1007/s00044-011-9772-4>
22. M. Saeed Arayne, Najma Sultana, Arman Tabassum, **Saeeda Nadir Ali** and Safila Naveed (2012) Simultaneous liquid chromatographic determination of rosuvastatin, lisinopril, captopril and enalapril in API, pharmaceutical formulation and human serum *Medicinal Chemistry Research* 21:4542-4548. <http://link.springer.com/article/10.1007/s00044-012-9997-x>
23. Najma Sultana, M. Saeed Arayne and **Saeeda Nadir Ali** (2012) Ultra Sensitive Liquid Chromatographic Method for the Simultaneous Determination of Carbamazepine with NSAIDs in API, Pharmaceutical Formulation and Human Serum by Programming the Detector: Application to In Vitro Drug Interaction Chromatography and Separation Techniques 3:156. <http://www.omicsonline.org/2157-7064/2157-7064-3-156.pdf>.
24. Najma Sultana, M. Saeed Arayne and **Saeeda Nadir Ali** (2012) An Ultra-Sensitive LC Method for Simultaneous Determination of Rosuvastatin, Alprazolam and Diclofenac Sodium in API, Pharmaceutical Formulations and Human Serum by Programming the Detector *Analytical and Bioanalytical Techniques* 3:154 <http://www.omicsonline.org/2155-9872/2155-9872-3-154.pdf>

M Articles accepted

1. Nida Naz, **Saeeda Nadir Ali**, Amtul Qayoom, Sajid Iqbal, Shumaila Akram “Rapid and Sensitive Method for Simultaneous Determination of Citalopram with Antihistamines by Liquid Chromatography”, (Submitted in Pakistan Journal of Pharmaceutical Sciences on October 30th, 2016).
2. **Saeeda Nadir Ali**, Nida Naz, Amtul Qayoom, Shumaila Akram. “Simultaneous Determination of Citalopram with NSAIDs in Dosage formulation and Human serum by High Performance Liquid Chromatography with UV Detection” (Submitted in Journal of Chemical Society of Pakistan).

N Articles submitted

Saeeda Nadir Ali, Shumaila Akram, Amtul Qayoom, Nida Naz, Anjum Ayub, Liquid chromatographic method for the simultaneous determination of alprazolam with NSAIDs in bulk drug, pharmaceutical formulation and human serum (Submitted in Pakistan Journal of Pharmaceutical Sciences on April 21st, 2017).

O Articles in process

1. Saman Naeem, **Saeeda Nadir Ali**, Amtul Qayoom, Haji Muhammad, Shazia Nisar Charge transfer complexes of Antihistamines: Spectrophotometric determination.
2. Fareena Abdul Razzak, **Saeeda Nadir Ali**, Ghulam Murtaza Mastoi, Aftab Ahmed Kandhroo, Monitoring of essential metal content in specific fruits procured from local markets of Hyderabad by atomic absorption spectroscopy.
3. Saba Javed, **Saeeda Nadir Ali**, Anjum Ayub, Zaheeruddin. Conversion of sunlight to electrical power using promethazine curcumin charge transfer complex.

P Abstracts presented in International Conferences

1. Saman Naeem, **Saeeda Nadir Ali**, Amtul Qayoom, Haji Muhammad, ShaziaNisar. Charge transfer complexes of Antihistamines: Spectrophotometric determination. (In process), 11th International Symposium on Analytical and Environmental Chemistry, organized by National Centre of Excellence in Analytical Chemistry, University of Sindh, Jamshoro, Pakistan on March 07-08, 2016.
2. Nida Naz, **Saeeda Nadir Ali**, Inayatullah Memon, Amtul Qayoom, Sajid Iqbal, Shumaila Akram “Rapid and Sensitive Method for Simultaneous Determination of Citalopram with Antihistamines by Liquid Chromatography”, 11th International Symposium on Analytical and Environmental Chemistry, organized by National Centre of Excellence in Analytical Chemistry, University of Sindh, Jamshoro, Pakistan on March 07-08, 2016.
3. Shumaila Akram, **Saeeda Nadir Ali**, Amtul Qayoom, Inayatullah Memon and Nida Naz, Simultaneous determination of alprazolam with antihistamine in bulk drug and pharmaceutical formulation by liquid chromatography, 1st International Conference on Advance Materials and Process Engineering (AMPE) held on 14th-15th December, 2015 at Department of Chemical Engineering, NED University of Engineering and Technology, Karachi.
4. **Saeeda Nadir Ali**, Najma Sultana and M. Saeed Arayne, Synthesis and Spectrophotometric Study of Omeprazole Charge Transfer Complexes with Bromothymol Blue, Methyl Orange and Picric Acid, 2nd International Conference on Chemical, Biological, and Environmental Sciences (ICCBES'15) held on May 20-21, 2015 at Dubai (UAE).
5. **Saeeda Nadir Ali**, Najma Sultana and M. Saeed Arayne, Synthesis and spectrophotometric determination of ibuprofen charge transfer complexes with p-chloranil, 7,7,8,8-tetracyanoquinodimethane, bromothymol blue, methyl orange and picric acid, 10th International Symposium on Analytical and Environmental Chemistry held at National Centre of Excellence, University of Sindh Jamshoro on 02-04 December 2013.
6. **Saeeda Nadir Ali**, Najma Sultana and M. Saeed Arayne, Charge transfer complexes of gamma aminobutyric acid-analogue, a neurotransmitter: synthesis and spectrophotometric determination, International Conference on Physical and

Environmental Chemistry (ICPEC-2013) held on September 9-11, 2013 at Baragali Summer Campus, University of Peshawar.

7. **Saeeda Nadir Ali**, Najma Sultana and M. Saeed Arayne, Three methods for the extractive spectrophotometric determination of omeprazole in bulk drug and dosage formulation using bromothymol blue, methyl orange and picric acid: synthesis and characterization, 15th Asian Chemical Congress (15ACC) 2013.
8. **Saeeda Nadir Ali**, Najma Sultana and M. Saeed Arayne, Liquid chromatographic method for the simultaneous determination of rosuvastatin, alprazolam and diclofenac sodium in API, Pharmaceutical Formulations and Human Serum by Programming the Detector, 11th International and 23rd National Chemistry Conference 15-17 Oct, 2012, Peshawar Pg 152.
9. M.Saeed Arayne, Najma Sultana and **Saeeda Nadir Ali**, Spectrophotometric determination of three macrolides through charge transfer complexes with chloranilic acid, Forth International Chemistry Conference 19th-21st Nov 2011, Riyadh, Saudi Arabia OA24 Pg 42.
10. Najma Sultana, M. Saeed Arayne and **Saeeda Nadir Ali**, LC determination of two NSAIDs with statin and calcium channel blocker from API, pharmaceutical formulation and human serum, Forth International Chemistry Conference 19th-21st Nov 2011, Riyadh, Saudi Arabia OA26 Pg 44.
11. M.Saeed Arayne, Najma Sultana, Arman Tabassum, **Saeeda Nadir Ali** and Safila Naveed, Simultaneous liquid chromatographic determination of rosuvastatin, lisinopril, captopril and enalapril in API, pharmaceutical formulation and human serum, Forth International Chemistry Conference 19th-21st Nov 2011, Riyadh, Saudi Arabia POA30 Pg 212.
12. **Saeeda Nadir Ali**, Najma Sultana and M. Saeed Arayne, Synthesis and structural studies of Gabapentin-2,3-dichloro-5,6-dicyano-1,4-benzoquinone and tetracyanoethylene charge transfer complexes, Fourth Saudi Science Conference 21st-24th March 2010, Taibah International Chemistry Conference Al-Madinah Al-Munawwarah, Saudi Arabia P-ORG-32 Pg 63.

Saeeda Nadir Ali, Najma Sultana and M. Saeed Arayne, "Synthesis and structural studies of Gabapentin-2,3-dichloro-5,6-dicyano-1,4-benzoquinone, tetracyanoethylene and ninhydrin charge transfer complexes", 5th International Symposium on Biotechnology, organized by Institute of Biotechnology and Genetic Engineering (IBGE), University of Sindh, Jamshoro, Pakistan on October 4 -7, 2009.

Q Training, Workshops and Seminars Attended

1. Participated in fifteen days "Faculty Development Program" training organized by Quality Enhancement Cell, NED University of Engineering and Technology, Karachi on 15th Jan-2nd Feb October, 2018.
2. Attended four-days training on "Entrepreneurship" organized by Quality Enhancement Cell, NED University of Engineering and Technology, Karachi on 24th-27th October, 2017.
3. Participated in one-day International Workshop on **Leadership Development for Engineers and Technical Managers** organized by Construction Engineering and Management Group (CEMG) in collaboration with NED Alumni Association of Washington DC, Project Management Institute KPC, Project Management Society of NED and Soft Skills Development Institute International (SSDII), USA on September 19th, 2015.
4. Attended **2nd Annual Meeting of Science Editors**, held in Metropolitan Palace, Dubai UAE on August 13-14th, 2015 organized by Asian Council of Science Editors.
5. Attended one day workshop on "**Developing Industry Driven Technologies**" held at Arts Auditorium, Karachi, on January 6th, 2015 jointly organized by ORIC, University of Karachi in collaboration with Pakistan Scientific and Technological Information Center, Institute of Research Promotion and ShafiReso Chemicals.

6. Attended four days training programme "**Effective Teachers Practices**" organized by Quality Enhancement Cell, NED University of Engineering and Technology, Karachi on 22-24th, and 26th December, 2014.
7. Attended two days workshop on **National Workshop on Chemical and Biological Laboratory Safety** September 23-24, 2014) organized by HEJ-Research Institute of Chemistry, International Center for Chemical and Biological Sciences (ICCBS), University of Karachi in collaboration with National Academy of Young Scientists and American Society for Microbiology.
8. Attended three days workshop on **Analytical Techniques** September 9-11, 2014, organized by Department of Chemistry, Jinnah University for Women in collaboration with University of Karachi.
9. Attended one day seminar on **Property Rights, Guide Lines for Researchers and Industry** jointly organized by Pakistan Scientific and Technological Information Centre (PASTIC), Pakistan Science Foundation (PSF) and Faculty of Civil Engineering, NED University of Engineering and Technology, Karachi on May 28th, 2014.
10. Attended three days summit meeting on **Vistas in Structural Chemistry**, held between April 28th-30th, 2014 at the International Center for Chemical and Biological Sciences, University of Karachi.
11. Attended one day seminar on **Nanotechnology-The Power of Small** held on September 21st 2013, jointly organized by Department of Chemistry, University of Karachi, Pakistan and Community of Young Chemists.
12. Attended two days workshop on **Atmospheric Chemistry What's at Risk** held at Department of Chemistry, University of Karachi on 28th and 29th December, 2012.
13. Attended two days **PAK-US Workshop on Application of Nanotechnology** held on 29th-30th May 2012, organized by International Center for Chemical and Biological Science, HEJ Research Institute of Chemistry, University of Karachi, Pakistan.
14. Certificate of participation in **Regional Workshop on Chemical Laboratory Safety and Security** conducted on 5th-6th June, 2012, organized by: International Center for Chemical and Biological Science, HEJ Research Institute of Chemistry, University of Karachi, Pakistan.
15. Attended three days workshop on **First College Teachers Workshop on Chemistry Curriculum** held on 24th-26th January 2012 at Department of Chemistry, University of Karachi.
16. Certificate of participation for attending workshop on **Nanotechnology: Application, Fabrication and Characterization Techniques**, conducted by Department of Physics and Applied Physics, FUUAST Karachi and Radiance Foundation Karachi on 12th December 2011.
17. Attended workshop on **How to Write a Winning Scientific Proposal** held on 24th September 2011, organized by L.E.J. National Science Information Center under Virtual Education Project Pakistan (VEPP) and Higher Education Commission, Pakistan.
18. Participated in **9th International & 21st National Chemistry Conference** held on 14th-16th March 2011, jointly organized by Department of Chemistry, University of Karachi & H.E.J Research Institute of Chemistry and The Chemical Society of Pakistan.
19. Attended **National Workshop on Chemistry Laboratory Safety and Security** in Universities of Pakistan jointly organized by Higher Education Commission and International Centre of Chemical and Biological Sciences, University of Karachi on 22nd-23rd February 2011.
20. Attended seminar on **Industrial Awareness to Young Chemists** conducted by Chemphilic at Department of Chemistry, University of Karachi, held on 25th July 2009.

21. Participated in the **1st international Seminar on Laboratory Biosafety**, held on 21st March 2009, jointly organized by Pakistan Biological Safety Association and Aga Khan University Hospital.
22. Participated in **Workshop on Nutraceutical food**, jointly organized by Higher Education Commission, British Council and International Centre of Chemical and Biological Sciences, University of Karachi on 21st January 2009.
23. Attended **Workshop on Laboratory Safety** organized by Department of Chemistry, University of Karachi, held on 17th January 2009.
24. Attended workshop on **Nano Science & Catalysis** jointly organized by National Centre for Physics & The Chemical Society of Pakistan, at Quaid-i-Azam University Islamabad, held on 24th-25th March 2008.
25. Attended two days Workshop on **The Role of Chemistry in Industry** organized by Department of Chemistry, University of Karachi in collaboration with National Core Group of Chemistry, held on 21st and 22nd November 2007.

End of file.