

DR. MAQSOOD UR REHMAN

Postdoc (UCL-UK), PhD, M.Phil. , Pharm-D, B.Sc.

Department of Pharmacy
University of Malakand-Pakistan



PERSONAL INFORMATIONS

Date of Birth: May 01, 1982
Pen Name: Maqsood Ur Rehman Eshrat
Nationality: Pakistani
CNIC No: 16101-127882-9
Passport No: HL9158822
Mailing Address: Department of Pharmacy, University of Malakand
Chakdara Dir Lower KP Pakistan
Contact +92 333-932-230-1 (WhatsApp)
+92-302-979-643-5
E-mail: (Personal) rehmanuom@gmail.com
E-mail: (Official) mrehman@uom.edu.pk
Twitter: [@rehmanuom](https://twitter.com/rehmanuom)
LinkedIn: www.linkedin.com/in/maqsood-rehman-37a79075
Professional Link: <https://www.uom.edu.pk/departments/pharmacy>
HEC Approved Supervisor HEC/HRD/ASA/2019/44378
PCP Registration Number 1163-A/2007-PC
ORCID <https://orcid.org/0000-0002-3969-9555>
Web of Science <https://www.webofscience.com/wos/author/record/KPB-2111-2024>



ACADEMIC CAREER

Postdoc	2022	Pharmaceutics (Pharmaceutical Nanotechnology) School of Pharmacy, University College London-UK
Ph.D.	2018	Pharmaceutical Sciences (Nanotechnology), University of Malakand-Pakistan (Ph.D. Country Directory #17027)
M.Phil.	2011	Pharmaceutical Sciences, University of Malakand
Pharm-D	2007	University of Peshawar, Pakistan
B. Sc.	2002	University of Peshawar, Pakistan
F. Sc.	2001	B. I. S. E. Peshawar
S. S. C.	1999	B. I. S. E. Peshawar

Postdoc Projects:

1. Development of biocompatible nanoparticles of various drugs and their potential outcomes in the field of Pharmaceutical Nanotechnology
2. Repurposing of existing medicines for COVID-19 and Cancer indications: A smart change from oral to inhalation therapy

PhD Thesis:

“Fabrication and evaluation of solid lipid nanoparticles for Niclosamide (BCS-II) and Sulfasalazine (BCS-IV) drugs”

M.Phil Thesis:

“Preparation and Evaluation of Diclofenac Sodium Matrix Tablets by Using Modified Sunflower Stem Residue”

LAB ESTABLISHED & INCHARGE:

Pharmaceutical Analysis and Nanomedicine Lab at Department of Pharmacy University of Malakand

TECHNIQUES

- | | |
|---|---|
| <ul style="list-style-type: none">• Fabrication of Nano-medicine by various techniques• Zeta Size (DLS)• Scanning Electron Microscopy (SEM)• Transmission Electron microscopy (TEM)• High Performance liquid chromatography (HPLC)• In-vitro and in-vivo characterization techniques• Cell line study• Dosage form designing | <ul style="list-style-type: none">• Fourier Transformed Infrared (FT-IR) spectroscopy• Powder X-ray Diffractometry (PXRD)• Differential Scanning Calorimetry (DSC)• Nano Drop Spectrophotometer• Computational Studies• Flow cytometry |
|---|---|

PROJECTS

1. *Formulation Development And Evaluation Of Fixed Dose Nanocrystals Of Artemisinin Derivatives to Effectively Treat Malaria* under National research program for universities (NRPU-14913) of worth **6.519 million** funded by Higher Education Commission of Pakistan
2. *Preparation, Characterization and Safety Evaluation of Lipid Based nanoparticles for improving therapeutic effect of Doxorubicin* in collaboration with School of Pharmacy Kaohsiung Medical University Taiwan

3. **Development of Lipids Based Nanoparticles For BCS-II Outdated Drugs with New Applications, Improved Bioavailability and More Patient Compliance**, under supervision of Prof. Dr. Mir Azam Khan of worth **2.71** million funded by Higher Education Commission of Pakistan
4. **Role of clinical pharmacist in the treatment & Management of Malaria** at Saidu Teaching Hospital Swat in Pharm-D Under the guidance of Prof. Dr. Jamshid Ali Khan, Department of Pharmacy University of Peshawar
5. **Detoxification of Metal Ions by using modified Agriculture Residues** at Department of Pharmacy, University of Malakand worth **1.0 million**, Under the supervision of Prof. Dr. Mir Azam Khan/Prof. Dr. Samir Kamel Muhammad (Foreign Faculty) Fully funded by Higher Education Commission, Government of Pakistan.

UNDERGRADUATE STUDENTS SUPERVISED

More than 80 students of Pharm-D in the subject of Clinical Pharmacy were supervised during clerkship in all tertiary care hospitals of Khyber Pakhtunkhwa

POSTGRADUATE STUDENTS SUPERVISED

S. NO	NAME	INSTITUTE	YEAR	LEVEL	SUPERVISION
1	Mr. Aziz ur Rahman	Department of Pharmacy, University of Malakand-Pakistan	In progress	PhD	Co-Supervisor
2	Mr. Muhammad Ikram	Department of Pharmacy, University of Malakand-Pakistan	In progress	PhD	Supervisor
3	Ms. Faiza Naureen	Department of Pharmacy, AWKUM Mardan-Pakistan	In progress	PhD	Co-Supervisor
4	Mr. HamidUllah	School of Pharmacy, Kaohsiung Medical University-Taiwan	In progress	PhD	Co-Supervisor
5	Mr. Firdous Ahmad Burki	Faculty of Pharmacy, Gomal, University D.I Khan-Pakistan	2019	M.Phil.	Co-Supervisor
6	Mr. Muhammad Irfan	Department of Pharmacy, University of Malakand-Pakistan	2023	M.Phil.	Co-Supervisor
7	Ms. Sana Sher Afzal	Department of Pharmacy, University of Malakand-Pakistan	In progress	M.Phil.	Supervisor
8	Mr. Jamil Ahmad Bacha	Department of Pharmacy, University of Malakand-Pakistan	In progress	M.Phil.	Supervisor
9	Mr. Zakir Ullah	Department of Pharmacy, University of Malakand-Pakistan	In progress	M.Phil.	Co-Supervisor
10	Ms. Seema Bakht	Department of Pharmacy, University of Malakand-Pakistan	In progress	M.Phil.	Co-Supervisor

POSTGRADUATE RESEARCH THESIS EVALUATIONS

S. NO	NAME OF SCHOL-AR	THESIS TITLE	INSTITUTE
01	Mr. Murad Alam	Preparation and Evaluation of Clarithromycin and Famotidine Loaded Floating Tablets	Faculty of Pharmacy Gomal University D.I Khan-Pakistan
02	Mr. Muhammad Atif	Exploring Male Infertility using Hormonal and Seminal Analysis in Suspected Subjects of District Peshawar, Pakistan	Center for Biotechnology and Microbiology University of Peshawar-Pakistan
03	Ms. Mahnoor	Low Density Polyethylene Degradation Potential Of Fungi Isolated From Different Sources Of Peshawar, Pakistan	Center for Biotechnology and Microbiology University of Peshawar-Pakistan
04	Ms. Huma Gul	Proximate Analysis Of Pleurotus Ostreatus (Edible Mushroom) And Biological Evaluation Of Its Crude Methanolic Extract	Center for Biotechnology and Microbiology University of Peshawar-Pakistan
05	Mr. Hazrat Ali	Phytochemical Investigation and Biological Screening of Nannorrhops <i>Ritchiana</i> (Griff.) Aitchison from FR Bannu, Khyber Pukhtunkhuwa, Pakistan	Center for Biotechnology and Microbiology University of Peshawar-Pakistan
06	Mr. Tauqir Nasir	Optimization Of Expendable Clarithromycin Loaded Gastroretentive Tablets By Factorial Design	Faculty of Pharmacy Gomal University D.I Khan-Pakistan
07	Mr. Faqir Ullah	Aerosolization and Inhalation Performance of Pure and Polymeric Drug Nanoparticles Admixed with Lactose Microparticles	Faculty of Pharmacy Gomal University D.I Khan-Pakistan

PUBLICATIONS

1. JOURNALS

2024

1. Faiza Naureen , Yasar Shah , **Maqsood Ur Rehman** *, Pramila Chaubey, Anjana Karunakaran, , Jahangir Khan, Abdullah, Muhammad Shafique *, Kifayat Ullah Shah, Bashir Ahmad (2024) “Inhalable Dry Powder Nano-Formulations: Advancing Lung Disease Therapy-A Review” *Front. Nanotechnol. – Nanomaterials* 6(2024) <https://doi.org/10.3389/fnano.2024.1403313> (IF 4.1)
2. Aziz ur Rahman, Munasib Khan, Mir Azam Khan, **Maqsood ur Rehman**, Abdullah and Saeed Ahmed (2024) “Pharmacokinetics and histotoxic profile of a novel Azithromycin-loaded lipid-based nanoformulation” 25 (157) pp 1-10 *AAPS PharmSciTech* <https://doi.org/10.1208/s12249-024-02861-3> (IF 3.3)
3. Bashir Ahmad, Ayaz Ali Khan, **Maqsood ur Rehman**, Abdullah, Muhammad Siraj, Akbar Ali, Metab Alharbi (2024) “Evaluation of Analgesic, Antioxidant and Anti-Inflammatory potential of *Dianthus Crinitus* using mice as research animal” Vol. 36(2) pp 38-47 *Italian Journal of Food Science* <https://doi.org/10.15586/> (IF: 2.6)
4. Muhammad Irfan, Mir Azam Khan, **Maqsood ur Rehman***, Abdullah, Kifayat Ullah Shah, and Aziz ur Rahman “Fabrication of Ketoconazole Nano Formulation Using Extra Virgin Olive Oil: A Comparative Pharmacokinetic and Stability Studies” *Inkwell Innovations in Life Sciences (IILS)* (Accepted)

2023

5. Wardah Khalid, Kifayat Ullah Shah, Muhammad Saeed, Asif Nawaz, Fazal Rehman, Muhammad Shoaib, **Maqsood ur Rehman**, Abdullah F Alasmari, Metab Alharbi, Fawaz Alasmari (2023) “5-Fluorouracil loaded hyaluronic acid coated niosomal vesicles: Fabrication and ex-vivo evaluation for skin drug delivery” *ACS Omega* <https://doi.org/10.1021/acsomega.3c04457> (IF: 4.132)
6. Firdous Ahmad Burki, Kifayat Ullah Shah, Ghulam Razaque, Shefaat Ullah Shah, Asif Nawaz, Muhammad Danish Saeed, **Maqsood Ur Rehman**, Hadia Bibi, Mulham Alfatama, Tarek M. Elsayed (2023). “Optimization of Chitosan Decorated Solid Lipid Nanoparticles for Improved Flurbiprofen Transdermal Delivery” *ACS Omega* : <https://doi.org/10.1021/acsomega.2c08135> IF: 4.132)
7. Bashir Ahmad, Ayaz Ali Khan, Hafsa Maria, Sunbal Zaman, Asma Gul, Amjad Ali, Ikram Ullah, **Maqsood Ur Rehman**, Dil Naz and Abdul Aziz (2023) “Antibacterial Effect of *Bidens Bipinnata* L. Extract Against Selected Bacterial Strains” *Journal of Xi’an Shiyou University, Natural Science Edition* 19(2) 1626-1638 <https://www.xisdxjxsu.asia/viewarticle.php?aid=1961> (IF: 0.376)
8. Muhammad Shafique, **Maqsood Ur Rehman**, Zul Kamal, Rami M. Alzhrani, Sameer Alshehri, Ali H. Alamri, Mohammed A. Bakkari, Fahad Y. Sabei, Awaji Y. Safhi, Ahmed M. Mohammed, Mohamed A. E. Hamd, Saud Almawash (2023) “Lipid polymer hybrid nanoparticles of doxorubicin: formulation develop-

ment and its in-vitro, in-vivo and computational evaluation” *Front. Pharmacol. - Experimental Pharmacology and Drug Discovery* 14, 1-14 DOI: [10.3389/fphar.2023.1025013](https://doi.org/10.3389/fphar.2023.1025013) (IF: 5.988)

2022

9. Mahwish Kamran, Mir Azam Khan, Muhammad Shafique, Ghallab Alotaibi, Abdulaziz Al Mouslem, **Maqsood Rehman**, Muhammad Asghar Khan, Abdullah, Sumaira Gul (2022). “Formulation Design, Characterization, And In-vivo Assessment of Cefixime Loaded Binary Solid Lipid Nanoparticles to Enhance Oral Bioavailability” *J. Biomed. Nanotechnol* 18, 1215-1226 <https://doi.org/10.1166/jbn.2022.3313> (IF: 4.483)
10. Saeed Ahmad, Abdullah, Muhammad Ibrar, **Maqsood ur Rehman**, Ikram Ilahi , Mahwish Kamran (2022) “The Protective & Curative Role of Methanolic Extract of *Pistacia Integerrima* Stew Ex Brandis Galls in Nimesulide Induced Hepatorenal Intoxication in Rabbits” 2024 **67A**(2) 120-130 *Pak. j. sci. ind. res. Ser. A: phy. sci.*(HEC Recognized)
11. Muhammad Ibrar, Muhammad Hassan, Dur-e- Najaf, Abdullah, **Maqsood ur Rehman** and Muhammad Izhar (2022) “Corona virus disease (COVID-19) and human vital organs: A review” *Bioscience Research*, 2022 19(1): 549-556 ID: covidwho-1848763 (HEC Recognized IF: 0.737)

2021

12. Abdullah, Mir Azam Khan, Waqar Ahmad, Manzoor Ahmad, Achyut Adhikari, Muhammad Ibrar, **Maqsood ur Rehman** and Muhammad Asif (2021). “Antioxidant, antinociceptive, anti-inflammatory and hepatoprotective activities of pentacyclic triterpenes isolated from *Ziziphus oxyphylla* Edgew”. *Drug and Chemical Toxicology*, DOI: <https://doi.org/10.1080/01480545.2021.1880427> (IF: 3.356)
13. Abdullah, Khan MA, Ahmad W, Adhikari A, Ibrar M, **Rehman MU**, Khan M and Kamil A, (2020). Exploration of hepatoprotective potential and phytochemicals of *Ziziphus oxyphylla* Edgew. *Pak Vet J*, 40(4): 431-436. <http://dx.doi.org/10.29261/pakvetj/2020.054> (IF: 1.318)
14. **Maqsood ur Rehman***, Mir Azam Khan and Muhammad Shafique “Solid Lipid Nanoparticles for Sul-fasalazine: Fabrication, Characterization, In-Vitro and In-Vivo Assessment for Oral Bioavailability” (2021). *Int J Chem Sci.* 2021;19(9):408 (IF: 1.6)

2020

15. Mahwish Kamran, Mir A Khan, Muhammad Shafique, **Maqsood Rehman**, Waqar Ahmed, Abdullah and Sajjad Ahmad (2020). 'Binary Solid Lipid Nanosuspension Containing Cefixime: Preparation, Characterization and Comparative In-vivo Evaluation' *Lat. Am. J. Pharm.* **39** (4): 762-770 (IF: 0.249)

2019

16. Mahwish Kamran, Mir Azam Khan, Muhammad Shafique, **Maqsood ur Rehman**, Waqar Ahmed, Abdullah and Sajjad Ahmad (2019). ‘Development and Characterization of Binary Solid Lipid Nano Suspension of

Atorvastatin: *In-Vitro* Drug Release and *In-Vivo* Pharmacokinetic Studies' *Nanoscience and Nanotechnology Letters (NNL)* **11**(11) 1522-1530 <https://doi.org/10.1166/nnl.2019.3039> (IF: 2.917)

17. Muhammad Shah Zeb Jan, Waqar Ahmad, Abdullah, Atif Kamil, Mir Azam Khan, **Maqsood Ur Rehman**, Irfan ullah & Muhammad Saeed Jan (2019): Protective effect of the solvent extracts of *Portulacca oleracea* against acidified ethanol induced gastric ulcer in rabbits, *Drug and Chemical Toxicology*, DOI: <https://www.tandfonline.com/doi/abs/10.1080/01480545.2019.1691584?journalCode=idct20> (IF: 3.356)

2017

18. **Maqsood ur Rehman**, Mir Azam Khan, Waheed S. Khan, Muhammad Shafique, Mu nasib Khan (2017). Fabrication of Niclosamide loaded solid lipid nanoparticles: In-vitro Characterization and Comparative in-vivo Evaluation. *Artificial cells, nanomedicine, and biotechnology* 1-9 Volume 46, 2018 - Issue 8 <https://doi.org/10.1080/21691401.2017.1396996>

(IF: 6.355)

19. Muhammad Shafique, Mir Azam Khan, Waheed S. Khan, **Maqsood-ur-Rehman**, Waqar Ahmad, and Shahzeb Khan (2017) Fabrication, Characterization, and *In Vivo* Evaluation of Famotidine Loaded Solid Lipid Nanoparticles for Boosting Oral Bioavailability. *Journal of Nanomaterials*. <https://doi.org/10.1155/2017/7357150> (IF: 3.791)

2011-14

20. Mir Azam Khan, **Maqsood ur Rehman**, Waqar Ahmed, Hamayun Khan, Abdullah, Manzoor Ahmad, Jahangir Khan. Rehman M *et al.*, Development of Diclofenac Sodium Matrix Tablets using Sunflower Stem Residue (2014). *American Journal of Pharmacy & Health Research* 7(2), 2321-3647

(IF: 0.678)

21. Mir Azam Khan, Khalid Saeed, Abdullah, Waqar Ahmad, Fazal Mabood, **Maqsood ur Rehman** (2012). In vitro absorption of drugs using modified sugarcane baggasse *J. Sci. Ind. Res* **71** (02), 161-167

(IF: 1.056)

22. Naveed Ullah, Amir Nazir, Sadaf Anwar, Nouman Altaf, Abdullah, **Maqsood ur Rehman** (2011). Effect of Lemon grass and Green Tea on blood pressure and heart rate. *Medical Forum Monthly* 22(9),11-13

(HEC Recognized Journal)

B. CONFERENCES

1. Muhammad Irfan, Mir Azam Khan, **Maqsood ur Rehman***, Abdullah, Kifayat Ullah Shah, and Aziz ur Rahman *Fabrication of Ketoconazole Nano Formulation Using Extra Virgin Olive Oil: A Comparative Pharmacokinetic and Stability Studies* in Emerging Scientist-2024 to be held on **16-17 February 2024** at the Asian Digital Library (Oral presentation) <https://theacse.com/es2024/program.php>

2. **Maqsood Ur Rehman**, *Solid Lipid nanoparticles for Sulfasalazine: fabrication, characterization, in-vitro and in-vivo assessment for oral bioavailability*, Euro Materials Chemistry 2020, 3rd International Conference on Materials Science and Chemistry, July 23, 2020, Page 08
<https://www.tsijournals.com/articles/solid-lipid-nanoparticles-for-sulfasalazine-fabrication-characterization-invitro-and-invivo-assessment-for-oral-bioavail.pdf>
3. **Maqsood ur Rehman**, Mir Azam Khan, Waheed S.Khan and Muhammad Shafique *Nanotechnology Approaches For Pharmaceutical Research And Development* (2015), **Paper presented** in “National Training Workshop on Nanomaterials and One Day Symposium on Nanotechnology in Pakistan; *Recent Trends & Developments* December 14-16, 2015, NIBGE, Faisalabad
4. **Maqsood ur Rehman**, Waheed S Khan, Mir Azam Khan, Muhammad Shafique., *Applications of Nanotechnology in Pharmacy* (2014), **Paper presented** in “National Conference on Frontiers of Nanoscience & Nanotechnology” at PINSTECH Islamabad, 3-5 June, 2014

BOOK CHAPTERS

1. Abdullah, **Maqsood ur Rehman**, Fazlullah Khan and Yaseen Hussain (2023) Latest developments in quality control parameters/specifications in phytonutrients studies. In: *Phytonutrients and Neurological Disorders*, 2023 <https://doi.org/10.1016/B978-0-12-824467-8.00013-9>
2. **Rehman M.U.**, Abdullah, Khan F., Niaz K. (2021) *Bee Propolis (Caffeic Acid Phenethyl Ester) Against Cancer*. In: Jafari S.M., Nabavi S.M., Silva A.S. (eds) *Nutraceuticals and Cancer Signaling. Food Bioactive Ingredients*. Springer, Cham pp 83-97. https://doi.org/10.1007/978-3-030-74035-1_5 September 25, 2021
3. Abdullah, **Maqsood Ur Rehman**, Fazlullah Khan, and Kamal Niaz “*Vaccine Development, Advantages and Disadvantages of Group Immunity, Future Perspective for COVID-19*” in book **COVID-19: Different Models and Treatment Strategies** by Bentham Science Publisher January 2021 pp 314-336 doi [10.2174/97816810890721210201](https://doi.org/10.2174/97816810890721210201)
4. Abdullah, **Maqsood Ur Rehman**, Fazlullah Khan, and Kamal Niaz “*Influence of omega-3 fatty acids and monounsaturated fats in liver diseases*” in book “*Influence of Nutrients, Bioactive Compounds, and Plant Extracts in Liver Diseases*” ISBN 978-0-12-816488-4 by Elsevier November 2020
5. **Maqsood ur Rehman**, Abdullah, Fazlullah Khan and Kamal Niaz “*Introduction to Natural Product Analysis*” in book “*Recent Advances in Natural Products Analysis*” ISBN 0128164557, 9780128164556 by Elsevier March 04, 2020.

POSTER PRESENTATIONS (ABSTRACTS)

- **Maqsood ur Rehman*** & Satyanarayana Somavarapu “*Repurposing of existing medicines for COVID-19 indications: FDA approved studies to switch from oral to inhalation therapy*” in PharmAlliance Conference 27-30 September 2022 at British Medical Association organized by School of Pharmacy UCL London UK
- Muhammad Shafique., Waheed S Khan., **Maqsood ur Rehman.**, *Pharmaceutical Nanotechnology and 21st Centaury*: Abstracts of the Conference on Frontiers of Nanoscience and Nanotechnology, Islamabad, Pakistan, 2014. CFNN-087, 40-40 (2014).

CO-EDITOR IN CHIEF

- Pharmaceutical Communications

<https://rootspress.org/journals/index.php/pharma/about/editorialTeam>

ADVISORY BOARD MEMBER

- Global Drug Design and Development Review

<https://gdddrjournal.com/board/advisory>

REVIWE EDITOR

- Medicinal and Pharmaceutical Chemistry in Journal of Frontiers in Chemistry

<https://loop.frontiersin.org/people/2020427/overview>

REVIEWER

- Horizon Research Publishing, USA, www.hrpub.org
- PLOS ONE

PROFESSIONAL EXPERIENCE

- **Lecturer** at Department of Pharmacy University of Malakand since 1st November 2007 till date.
- **Postdoc Fellow (Visiting Scientist)** at Department of Pharmaceutics School of Pharmacy University College London-UK from February 2022 to November 2022
- **Trainee Pharmacist**” at Saidu Teaching Hospital Swat from 1st March 2008 to 30th April 2008.
- **Trainee Pharmacist**” at Ferozsons Labs from 1st November 2006 to 13th December 2006.

ADDITIONAL RESPONSIBILITIES PERFORMED AT UNIVERSITY OF MALAKAND

- **Director Students Societies**, University of Malakand from 12-Sep-2024 till date
- **Coordinator Pharm-D Program** from 14-06-2023 till date
- **Focal Person** for Pharmacy Council of Pakistan 30-05-2023 till date
- **BoG member** Swat College of Pharmaceutical Sciences
- **Director Students Societies**, University of Malakand from 09-11-2021 to 15-02-2022
- **Deputy Director Societies**, University of Malakand from 2010 to May 2013
- **Food Inspector** for Market Management University of Malakand
- **Member Seminar/Symposia Committee** Department of Pharmacy, UOM
- **Pioneer Editor** (Urdu) for University Magazine *Massaga 2011-12*
- **Member** of Food and Market Committee, University of Malakand
- **Secretary**; University Transport Committee, University of Malakand
- **Staff Editor** (Urdu) University Magazine *Massaga 2015-16*
- **Secretary/Member** of Departmental Strategic Planning Committee
- **Organizer** Malakand Cultural and Literary Club 2018-2019
- **Organizer** Malakand Cultural and Literary Club 2019-2020

CONFERENCES / SYMPOSIA /WORKSHOPS

2024

1. Attend webinar “**3rd oncology updates 2024**” organized by *the International Association for Integrated Oncology* on session **Breast Cancer** and **Lung Cancer** on **29th** and **30th** March 2024
2. Participated as member of Poster Evaluation Committee in international conference “Emerging Scientist-2024 held on **16-17 February 2024** at the Asian Digital Library <https://theacse.com/es2024/program.php>

2023

3. **International Committee Member** for **International Conference “2nd Pharma Summit Drug Discovery & Community Trial”** held on **December 4th and 5th, 2023** at Dubai, UAE
4. Organize one seminar on “**Pharmacist as A Member of Health Care Professional’s Team in Hospital Setting**” on November 02, 2023
5. Attend Webinar on “**2nd Cardio Metabolic Congress-Pre Conference Webinar Series**” organized by **International Society for Renal Research** on September 14, 2023
6. Attend Webinar on “**2nd Cardio Metabolic Congress-Pre Conference Webinar Series**” organized by **International Society for Renal Research** on August 31, 2023
7. Attend webinar on “**Oncology Updates 2023**” organized by **International Association of Oncology**

gy on 7th and 8th July 2023

8. Attend Webinar on “Diabetes and Insulin Therapy: Navigating the latest Research and Recommendations” organized by **International Society for Renal Research** on March 14, 2023
9. Attend Webinar series “**The scope and role of pharmacy in Pakistan**” organized by Institute of Pharmaceutical Sciences - UVAS in collaboration with “ask your pharmacist maryum” on 14 January, 2023

2022

10. Training completed “**STEM Teachers Capacity Building Training Workshop**” organized by QAU Islamabad in collaboration with British Council from 12th to 16th December, 2022
11. Attend Webinar on “**The Pharmacist: Diabetes Therapy Management Safety Valve**” organized by CAPP on 10 December 2022
12. Attend Webinar on “**Help put the life back in your patients’ hands**” organized by CAPP on 25 November 2022
13. Certificate course on **Health Information Technology in the Community Pharmacy** organized by CME Academy Training Government of Dubai on 17 November 2022
14. Attend **The Pharmacy Show-2022** at National Exhibition Centre Birmingham sponsored by Pfizer UK on 16-17 October 2022
15. Attend **Pharm-Alliance Conference-2022** at British Medical Association organized by School of Pharmacy UCL London UK in collaboration with Eshelman School of Pharmacy University of North Carolina USA and Faculty of Pharmacy and Pharmaceutical Sciences Monash University Australia on 27-30 September 2022
16. Attend **Whole Body Health Symposium**, supported by EMROPharm, FIP, sponsored by P&G (Oral-B) and P&G Health, organized by CAPP Events & Training with the approval of Royal College of Physicians UK on 23-24 September 2022
17. Organizer of “**Pharma Summit 2022: Drug Discovery & Community Trial**” organized by Association of Pharmaceutical Research (APR) on 27th & 28th August 2022 <https://assopharm.com/pharma-summit/organizing-committee.php>
18. Attend “**A Webinar on AYUSH Medicine**” organized by Association of Pharmaceutical Research (APR) on June 30, 2022
19. Attend “**P&G Health: Introduction to Category Management – NielsenIQ Webinar Series**” organized by CAPP Events & training and supported by PG Health (Neurobion) on May 21, June 04, and June 18, 2022
20. Attend conference on “**Lessons from Modelling the Pandemic**” organized by the Royal Society London United Kingdom on June 13, 2022

21. Attend the Medical & Pharmacist CME Webinar on-demand recording on “**Management of peripheral neuropathy with neurotropic B Vitamins**”, supported by PG Health and organized by CAPP Events & Training on June, 2022
22. Attend 7th Lab talk: “**Advancements in technology and best practices for NMR Spectroscopy**” organized by Cluster-market Ltd Blowing Green London United Kingdom on May 11, 2022
23. Attend Guest Lecture on topic “**An overview of Advances in the Standardization of Herbal Drugs**” Organized by Association of Pharmaceutical Research on April 16, 2022
24. Attend JNB webinar - Mark Davis - Polymeric Nanoparticles: **A Cornucopia of Therapeutics from Small Molecules to Nucleic Acids** on February 24, 2022
25. Attend **Lymphoma 2022 Virtual Conference: State-of-the-Art and Future Directions** on February 24, 2022
26. Attend Webinar on “**Pharmaceutical Technology**” Organized by School of Pharmacy DY Patil University Mumbai India and Association of Pharmaceutical Research on February 05, 2022
27. Attend Pharmacist CME Webinar on “**Managing the most common symptoms of the common cold**” organized by CAPP, Sponsored by Procter & Gamble Health-International from Riyadh KSA on January 28, 2022

2021

28. Attend **The American Virtual Conference on Lung Cancer** on December 02, 2021
29. Organizing Committee member “**9th World Conference on Pharmaceutical Science and Drug Manufacturing**” on **01st and 2nd December 2021, in Dubai**
30. **Attend “Pharmacy Career Conference”** Virtual Event on 24-25 October, 2021 from Dubai-UAE, Organized by Professional Regulatory Affairs UAE
31. Training on “**Diversity Management**” by Higher Education Regulatory Authority (HERA) on September 16, 2021, at University of Malakand.
32. **Attend** Conference on Webinar on “**Pharmacist Overview on Erosive Tooth Wear, Diagnosis and Risk Factors**” organized by the Centre for Advanced Professional Practices from Sharjah-UAE on August 28, 2021
33. **Attend** Conference on Webinar on “**Sustainable Innovations in Life Science**” organized by the Association of Pharmaceutical Research from USA on August 6, 2021
34. Training Workshop on “**Intellectual Property Rights & Patent Application Filing**” organized by Office of Research, Innovation & Commercialization, UoM in collaboration with Intellectual Property Organization of Pakistan on February 10, 2021

2020

35. **Attend** Euro Materials Chemistry 2020, 3rd International Conference on Materials Science and Chemistry, Webinar from Germany July 23, 2020 (**Paper presented**)
36. **Attend** 3rd international conference on “Chemical and Pharmaceutical Sciences: New Trends in Medicinal & Pharmaceutical Chemistry” to be held on January 29-31, 2020 at the Forman Christian College (A Chartered University), Lahore, Pakistan (**Paper presented**)

2019

37. **Keynote Speaker** in International Pharmacy Conference & Exhibition on "Emerging Trends in Drugs & Nutraceuticals Development, Therapeutics & Commercialization" organized by Department of Pharmacy, University of Swabi on June 18-20,2019.
38. **Invited Speaker** in One Day National Seminar on “Research Trends in Pharmacy”. Organized by Society of Pharmacology, Department of Pharmacy University of Swabi on May 02, 2019.
39. **Organizer** of National Research Conference on “Applied Management Research for Solving Indigenous Problems” organized by Department of Commerce & Management Sciences in collaboration with Higher Education Commission of Pakistan on April 25-26, 2019
40. **Organizer** “Job Fair 2019” organized by Department of Commerce & Management Studies and ORIC University of Malakand on April 11, 2019

2018

41. **Organizer** of 1st National Workshop on “Molecular Biology: Tools & Techniques, 12-14 November, 2018 organized by Department of Botany University of Malakand
42. **Focal Person** for visit to Senate of Pakistan, to witness senate proceedings on November 08, 2018
43. **Organizing Secretary** of “1st National Conference on Phytomedicines: Current and Future Perspectives” 09-11 October 2018- Jointly Organized by Shaheed Banazir Bhutto University Sheringal and University of Malakand in collaboration with Higher Education Commission of Pakistan
44. **Organizer** of 1st National Research Conference on Contemporary Issues and Practice in Business and Management (NRCM-2018), 13-14 September, 2018, Organized by Department of Commerce and Management Sciences University of Malakand
45. **Organizing Secretary** of “National Conference on Plants: From Food to Phytomedicine” 03-04 May, 2018- Jointly Organized by University of Malakand and University of Sargodha in collaboration with Higher Education Commission of Pakistan

2017

46. **Organizer** of two-day training workshop on “Quantitative Data Analysis Using SPSS, AMOS and EVIEWS, 01-02 November 2017 organized by Department of Management Studies, University of Malakand

47. **Organizing Secretary** of “1st National Conference on Emerging Trends in Pharmaceutical Sciences” 09-11 October 2017- Organized by Department of Pharmacy, University of Malakand in collaboration with Higher Education Commission of Pakistan.

48. **Attend** three-day training workshop on “**Strategic Planning**” on March 20-22, 2017

2016

49. **Attend** seminar on “**Issues of Good Governance in Universities**” on May 19, 2016, at University of Malakand

50. **Attend** National Training Workshop on Nanomaterials and One Day Symposium on Nanotechnology in Pakistan; *Recent Trends & Developments* December 14-16, 2015, NIBGE, Faisalabad (**Paper presented**)

2015

51. **Organizer** of seminar on “**Navigating the Future of Community Pharmacy in Pakistan**” on October 05, 2015 at University of Peshawar

2014

52. **Attend** three-day workshop on **Innovation and Commercialization of Research** at Faisalabad Chamber of Commerce & Industry organized by SMEDA in collaboration with UNIDO from 11th to 13th September 2014.

53. Conference on **Frontiers of Nanoscience and Nanotechnology** at PINSTECH (Pakistan Institute of Nuclear Science and Technology, Islamabad from 3rd to 5th June 2014 (**PaperPresented**)

54. **Organizer** of seminar on "**Pharmacists Success in Professional Life**" in collaboration with Surrey Memorial Hospital, BC Canada & British Columbia Pharmacy Association, BC Canada on 15th May 2014 at video conference room University of Malakand

2011-12

55. TOT workshop on **Youth Social Entrepreneurship** from 9th to 15th July 2012 at Islamabad

56. **Presented** “Current and Future Status of Department of Pharmacy”, University of Malakand to Pharmacy Council of Pakistan for the recognition of Pharm-D course on 8th May, 2012

57. **Attend** workshop on “**Health Care in 21st Century: Importance and Interoperability**” organized by Outstanding Committee and Technological Cooperation (COMSTECH)

58. **Attend** Two Days Training Workshop on “**Quality Criteria**” in QEC University of Malakand on July 27-28, 2011

2005-2010

59. **Attend** workshop on **International Humanitarian Law and Islamic Law** on 26th May 2010 at UOM organized by International Committee for Red Cross (ICRC)

60. **Attend** One Day Workshop on **Bioinformatics** on 8th May 2010 at M.A.J.U, Islamabad

61. **Organizer** of seminar on **World's AIDS Day** on 1st December 2008 at University of Malakand.
62. **Organizer** of Symposium on **OLD PLANTS NEW REMIDIES** on 9-10 June 2008 at University of Malakand.
63. **Attend** one day Workshop on **DRUG POLICY** on 24th December 2005 at Pearl Continental Peshawar

DISTINCTIONS

- **Best Researcher Award** by University of Malakand for the year 2022-2023
- **Best Researcher Award** by University of Malakand for the year 2021-2022
- **Research Performance Award** by University of Malakand for the year 2020-2021
- Appreciation Certificate from **Prime Minister** of Pakistan 1999.
- Best student **Fakhr-e-Mardan** Award 2001.
- 2nd position **All Pakistan Inter-Universities Poetry Competition** at Fatima Jinnah Women's University Rawalpindi 2005

MEMBERSHIP

- Member of the British Society for Nanomedicine from 29-Jan-2024 till date
- Member of Nanotechnology World Association from 19-Jan-2024 till date
- Member of International Society for Renal Research
- Member of Association of Pharmaceutical Research (USA) from 10-08-2021 to 31-12-2021
- Elected Member of Academic Council, University of Malakand Jan-2018 to Jan-2020
- Registered Pharmacist with Pharmacy Council of Pakistan
- Member of the Pakistan Pharmacist Association (PPA)
- Focal Person of **YES (Youth Engagement Services)** Network Pakistan for Malakand Division
- Convener of Seminars/Symposia Arrangement Committee Department of Pharmacy University of Malakand
- Convener of Scholarship Committee Department of Pharmacy University of Malakand
- Was an Editor of PHARMAZINE Department of Pharmacy University of Peshawar
- Was Member of Blood Donor Society (BDS), University of Peshawar
- Was Senior Member Khyber Literary Club (KLC), University of Peshawar

COUNTRIES VISITED

Scotland (UK)

Recreational trip from 01-05-2022 to 04-05-2022 & 14-08-2022 to 19-08-2022

England (UK)

For Post-Doctorate from 15-02-2022 to 09-11-2022

EVENTS ORGANIZED AS DY. DIRECTOR SOCIETIES

1. Seminar on Independence is a great blessing 26th August 2009
2. Allama Iqbal Shield, Debate Competition 10th October 2009

3. Role of Youth for peaceful and tolerant society in Pakistan 12th November 2009
4. Universal Human Rights Celebrations (One Week)_16- 22 December 2009
5. Fahm-e-Quran Course (One Week) 18-24 February 2010
6. Monogram & Logo Competition 25 October 2010
7. Allama Iqbal Shield, Debate Competition 28th October 2010
8. Free Medical Camp 28th December 2010
9. Essay Competition 17th May 2011
10. Blood Donation Camp 26th May 2011
11. Inter-University Quiz Competition 03 June 2011
12. Workshop on Character Building of the Youth 07 July 2011
13. Public Education about Prevention & Control of Dengue Fever 14th September 2011
14. Allama Iqbal Shield, Debate Competition 20th October 2011
15. Philosophy of Hajj and Sacrifice 02 November 2011
16. 5th Vice Chancellor Talent Awards 18th December 2011
17. Seminar on “Who are Pathans” 17th May 2012
18. Youth Social Entrepreneurship Competition 2012
19. Azmat-e-Mustafa Conference 23rd October 2012
20. Allama Iqbal Shield, Debate Competition 08 November 2012
21. 6th Vice Chancellor Talent Awards December 2012
22. Intra-Departmental Software Competition 23 January 2013
23. International Mother Language Day Celebration 20th February 2013
24. All Malakand Division Debate Contest on International Women’s Day 8th March, 2013
25. International Mother Language Day 21st February 2013
26. 7th Vice Chancellor Talent Awards 18th April, 2013

EVENTS ORGANIZED AS ORGANIZER MCLC (Malakand Cultural and Literary Club)

1. 1st Round of All Pakistan Declamation Contest for Award of Allama Iqbal Shield held on April 17, 2018 at University of Malakand
2. Seminar on “Let’s Start Struggle Against Corruption in Holy Month of Ramzan” on May 14, 2018, at University of Malakand

3. Seminar on Peace, Harmony, National Integration and Counter-narrative to the Extremists Version of the Religion Leading to the Extremist Ideologies and Terrorism on June 26, 2018
4. Defense day celebrations National Songs, Videos and Quiz Competitions on September 11, 2018 at University of Malakand
5. Organizer of World Pharmacists Day Celebration on September, 25, 2018 in Collaboration with Healthcare Society, UOM
6. Organizer of Poet of the campus competitions on December 06, 2018 in Foundation week celebration, UOM

BOOKS

- Urdu Poetry Book آخری گزارش Published in December, 2018

REFERENCES

- **Prof Dr. Muhammad Rasul Jan (Professor of Emeritus), Pride of Performance & TI, SI,** Ex Vice Chancellor University of Peshawar, University of Malakand and University of Poonch
E.mail: mrjanpk2002@yahoo.com
- **Dr. Satyanarayana Somavarapu** Associate Professor, Department of Pharmaceutics, School of Pharmacy, University College London United Kingdom Email: s.somavarapu@ucl.ac.uk
- **Prof. Dr. Mir Azam Khan;** Dean, Faculty of Biological Sciences, University of Malakand-Pakistan E.mail: mirazam786@yahoo.com
- **Dr. Waheed S. Khan,** Principal Scientist, National Institute for Biotechnology & Genetic Engineering Faisalabad-Pakistan E.mail: waheedskhan@yahoo.com