



## *Professor Dr. Niaz Ali*

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Professor Pharmacology at Institute of Basic Medical Sciences, KMU, 22 <sup>nd</sup> March 2016. Till 6 <sup>th</sup> November 2020 .....	5
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IF= 0.554.....	8

**INTEGRATION**

ASSESSMENT DRIVES LEARNING



Approved research topics / M. Phil Pharmacology Degrees/PhD degree awarded related topics.....	16
E. At least five years of administrative or research experience/postdoctoral research experience in the field of Higher education. ....	18
F. Execution of at least one major research project .....	20
G. Experience of working with international bodies or international exposure through participation in workshops, seminars or conferences held outside the country: <i>(Copies of relevant certificates are attached)</i> .....	21
a. With international bodies experience .....	21
b. Organized and participated and as invited speaker, presenter to International conferences exposure and experience .....	21
H. Experience of organizing events such as workshops, seminars, or conferences at an international level with in the country in the field of higher education.....	22
I. Demonstrated experience in leadership.....	26
A. Chairman Problem Based Learning Committee for College of Medicine, Shaqra, Riyadh, KSA.....	26
B. Head of Faculty Development Unit, College of Medicine, KSA.....	26
C. Start of new programs and framing its feasibility at:.....	26
D. At Khyber Medical University, Peshawar.....	27
E. General leadership / core competencies and services rendered in the context of academics, assessment, curricular reforms, legislation, as expert of selection boards, Academic councils of other universities like university of Karachi, SBBU, University of Peshawar, University of Malakand, Abasyn university, administrative positions etc. etc....	28
Internship:.....	30
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## *Professor Dr. Niaz Ali*

### Academic activities / professional memberships activities with different international & national bodies:

1. Member of the Education Committee of the American College of Clinical Pharmacology, USA.
2. Chairman Problem Based Learning (PBL) Committee for College of Medicine, Shaqra University, Riyadh, KSA.
3. Head of Faculty Development Unit for College of Medicine, Shaqra University, Riyadh, KSA.
4. Member of the Research Committee, College of Medicine, Shaqra University, Riyadh, KSA.
5. Member of the American College of Clinical Pharmacology, USA.
6. Member of the American College of Clinical Pharmacy, USA.
7. Member of the Review Expert Panel for Higher Education, Ministry of Science and Technology, Kazakhstan.
8. Member of the Board of Faculty Basic Medical Sciences, Khyber Medical University, Peshawar
9. Member of the Graduate Studies Committee, IBMS, Khyber Medical University, Peshawar
10. Member of The Board of Studies Shaheed Benazir Bhutto University Sheringal Dir Upper
11. Member of the Board of Studies, Khyber Medical University, Peshawar
12. Registered member with Pakistan Pharmacist Association under the Pharmacy Act 1967
13. Ex- Executive Member of the Pakistan Pharmacist Association under the Pharmacy Act, 1967.
14. Ex- Senior Vice President of the Pakistan Pharmacist Association under the Pharmacy Act, 1967
15. Member of Departmental Technical Review Committee for tenure Track System, IBMS, Khyber Medical University, Peshawar

### Distinctions, Nominations & Awards:

1. Recently nominated by KMU authorities for Presidential awards/ medals for year 2019-20

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awards/

2. Nominated by HED, Govt of KP for Presidential medals for year 2018
3. **"Best University Teacher Award"** awarded by HEC, Islamabad, Pakistan for year 2011 conferred in year 2013.
4. Recently nominated for HEC **"Best University Teacher Award"** by KMU to HEC, Islamabad, Pakistan for year 2011 conferred in year 2019-20
5. Recently nominated for Fellowship to Pakistan Academy of Sciences, Islamabad for year 2020-21
6. Winner of the **"Best Paper of the year award"** in 5<sup>th</sup> Annual Health Research Conference 2013 held at Khyber Girls Medical College, Peshawar, on February 14<sup>th</sup> -16<sup>th</sup> 2014, organized by ORIC, KMU
7. Winner of the **"Presidential Award Scholarship, year 1989-90"** .

**Mailing address:** Professor of Pharmacology

Institute of Basic Medical Sciences,  
Khyber Medical University, Peshawar.

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[dr.niazali@kmu.edu.pk](mailto:dr.niazali@kmu.edu.pk)

## Essential Qualifications and Experience (Academics, attached Attached)

### A. Qualifications:

**PhD** from Department of Pharmacy University of Peshawar, Pakistan in year 2010

(Recognized by the Standing Recognition Committee of Pakistan Medical & Dental Council in the field of Pharmacology; Reg. No: 13461/NM)

- i. Post graduate Diploma certificate in Precision Medicine from Academy of American College of Clinical Pharmacy, USA in year 2020
- ii. **Master' s in Health Professions Education (Medical Education)** from Khyber Medical University, Peshawar, 2016.
- iii. **CHPE from Khyber Medical University, Peshawar.**
- iv. **B. Pharmacy;** First Class First Div. From Department of Pharmacy, University Peshawar. Pakistan

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**Current Position:** Professor of Pharmacology at College of Medicine, Shaqra, Riyadh, KSA  
from November 7<sup>th</sup> till date

Professor Pharmacology at Institute of Basic Medical Sciences, KMU, 22<sup>nd</sup>  
March 2016. Till 6<sup>th</sup> November 2020

Formerly, Associate Professor Pharmacology since, 1<sup>st</sup>  
February 2011 in Khyber Medical University, Peshawar Pakistan.

## Vision

*To uplift the Higher Education System & Health Care System of KP & across the globe through introduction of new modalities in teaching and research as leader through visionary approaches / Competencies-based Education in the field of Higher Education.*

*Let We integrate the Sciences and Social Sciences for benefits of human beings for purposeful education*

*Let we have our own "new drug development center" that caters needs for her own disease burdens through efficient utilization of existing resources and translate the basic research into applied sciences for the benefits of the world.*

*Let Pakistan has its own "Pakistan College of Clinical Pharmacy Practices" On the analogy of American College of Clinical Pharmacy affiliated with a University to offer Residencies Programs in different disciplines of Pharmacy to uplift the Health Care System of Pakistan.*

## Goals

My goals are to:

1. Promote the culture of academic and administrative audits in universities of Pakistan
2. Teach in modern ways of information transfer to make the learners deep using state of the art tools like Power lab, and IT system.
3. inculcate new modalities of assessment for deep learning and understanding of pharmacology and therapeutics to undergraduate and postgraduate students.
4. carry out cutting edge research in the field of new drug development at molecular level and translate it through classical research for better outcomes of society through good clinical practices.



## B. For a technology University, PhD in Technology (NA)

### C. Experience:

The applicant has approximately **23 years** teaching / research experience in HEC recognized universities or postgraduate institution or professional experience in the relevant field in national and international organization.

1. Professor of Pharmacology at College of Medicine, Shaqra, Riyadh, KSA from November 7<sup>th</sup> till date
2. Working as **Professor of Pharmacology** at Khyber Medical University, Khyber Pakhtunkhwa, Peshawar, Pakistan since 22<sup>nd</sup> March 2016 till November 2020 (on Ex Pakistan Leave)
3. Worked as **Associate Professor Pharmacology** at Khyber Medical University, Khyber Pakhtunkhwa, Peshawar, Pakistan since February 2011 to 21<sup>st</sup> March 2016.
4. Worked as **lecturer Pharmacology & Therapeutics cum Clinical Pharmacy** at Department of Pharmacy, University of Malakand, since 2004 to Jan 2011. The incumbent was also **Incharge / Chairman** of the Department (from 05<sup>th</sup> October 2006 to 9<sup>th</sup> October 2008).
5. Worked as Hospital Pharmacist with Al-Rahma Hospital Abha, **KSA**
6. Worked as Field Manager, M/S Platinum Pharmaceuticals Karachi.
7. Worked as pharmacist at Dr. Raza Pharma Peshawar in:
  - **Research** related to Palatability & Stability of Antibiotics.  
Helped the Industry for documentation of **ISO** surveillance audit.
  - **Documentation** and **validation** of different manufacturing processes.

## D. Excellent research publication record, that at minimum, meets the criterion for appointment as professor in the university with minimum 15 peer reviewed, and higher education commission recognized research publications.

### b. Patent:

1. Ghazala Yaqub, Almas Hamid, Zubi Sadiq, Niaz Ali, Nazish Waheed (2016). Lahore – KPK – Pakistan. No: 199/2016. "Synthesis of Carbazole – Efflux pump inhibitor based dual action hybrid – a novel and potential antibiotic for future" .

### b. M. Phil /PhD supervised / produced

M. Phil /PhD students supervised =56

PhD =8





## Research publications

### Basic and Clinical Sciences

1. Abidullah, Shujaat Ahmad, **Niaz Ali**, Feras Almarshad, Muhammad Nabi, Shafiq Ur Rahman, Shakir Ullah, Jahangir Khan, Haya Hussain and Syeda Hajira Bukhari. *Moxifloxacin* and *Gemifloxacin* mediates its antispasmodic profile via ATP-Sensitive potassium channels: An *in-Vitro* bioassay study. Accepted in: Pakistan Journal of Pharmaceutical Sciences.
2. Mujeeb Ur Rehman, **Niaz Ali**, Muhammad Jamal, Rehana Kousar, Muhammad Ishaq, Abdul Aleem Awan, Iftexhar Hussain, Muhammad Azhar Sherkheli, Rizwan ul Haq. Comparison of acute and chronic effects of *Bacopa monnieri*, *Ginkgo biloba* and *Lavandula angustifolia* and their mixture on learning and memory in mice. *Phytotherapy Research* 2021. <https://doi.org/10.1002/ptr.7016> **IF=4.087**
3. Muhammad Idrees, Vikas Kumar, Myeong-Don Joo, **Niaz Ali**, Keun Woo Lee, il-keun kong. SHP2 Nuclear/Cytoplasmic Trafficking in Granulosa Cells is Essential for Oocyte Meiotic Resumption and Maturation. *Frontiers in Cell and Developmental Biology* (Cell Growth and Division); 2020; doi: 10.3389/fcell.2020.611503 **IF=5.201**
4. **Niaz Ali**, Nur-Ul-Ain , Muhammad Nabi , Zakia Subhan , Shakir Ullah , Ulfat Sultana , Bilal Shams. Acute toxicity and antinociceptive activity of saponins rich fraction of *Dioscorea deltoidea* Wall. *KMUJ* 2020; 12(2):107-112. **HEC**  
Recognized Journal
5. Waqas Alam, Haroon Khan, Sajjad Ali Khan, **Niaz Ali**, Naveed Sharif, Rukhsana Ghafar, Maria Daglia, Sana Nazir. Nephroprotective effects of Datura metel extract in gentamicin induced mice model: biochemical and histological evidences. *Cell Mol Biol (Noisy-le-grand)*. 2020;66(4):208-213. **IF=3.661**
6. Muhammad Nabi, **Niaz Ali**<sup>1\*</sup>, Bilal Shams, Ghayour Ahmed, Muhammad Jalat Shah, Shakir Ullah, Mohammad Shoaib and Syed Wadood Ali Shah. Relaxant activity of different fractions of fruits of *Rosa moschata* J.Pak. *J. Pharm. Sci.*,2020; 33(2):895-900 **IF=0.69**
7. Nazish Farooq, **Niaz Ali**, Shakir Ullah. Evaluation of Hematological Parameters in the Genetic Prospective in Epileptic Patients of Khyber Pakhtunkhwa. 2019:



Pharmacogenomics and Personalized Medicine

2019:12

377–385.

IF=0.961

8. Sadia Akram, **Niaz Ali**, Miqdad A Khan , Natasha Baloch , Hasan A Khan and Najaf A Khan. A Comparative Open Labelled Study on Ivabradine and Bisoprolol Prescribed in Combination Versus Maximum Dose Titration of Bisoprolol in Patients with Systolic Heart Failure and Left Ventricular Systolic Dysfunction. Cardio Open, 2019,4(3):1-8
9. Muhammad Ayaz, Farman Ali, Ghulam Shabir, Aamer Saeed, **Niaz Ali**, Nasir Abbas, Ghulam Hussain, Pervaiz Ali Channar. New acid dyes and their metal complexes: dyeing, thermal and antifungal behavior. J. Appl. Res. Technol;17 (1) México ene./feb. 2019 Epub 14-Apr-2020.

IF= 0.554

10. Muhammad Jamal, Mujeeb ur Rehman, Muhammad Nabi, Abdul Aleem Awan, **Niaz Ali**, Muhammad Azhar Sherkheli and Rizwan ul Haq. Evaluation of safety profile and stress suppressant activity of Rosa moschata in mice. Pak. J. Pharm. Sci.,2019;32(6):2659-2665 IF=0.679
11. Mohammad Shoaib, Mehreen Ghias, Syed Wadood Ali Shah, **Niaz Ali**, Muhammad Naveed Umar, Abdullah, Meboobur Rahman, Ismail Shah and Shafiullah. Pak. J. Pharm. Sci., 2019;32(3):1081-1089 If=0.679
12. Muhammad Jamal, Mujeeb Ur Rehman, Muhammad Nabi, Abdul Aleem Awan, **Niaz Ali**, Muhammad Azhar Sherkheli, Rizwan Ul Haq. Evaluation of safety profile and stress suppressant activity of Rosa moschata in mice. 2019; Pak. J. Pharm. Sci., 32(6) :2659-2665 IF=0.679
13. Mohammad Shoaib, Syed Wadood Ali Shah, **Niaz Ali**, Naveed Umar, Ismail Shah, Shafiullah and Muhammad Nawaz Tahir. A possible mechanistic approach of synthetic flavonoids in the management of pain. Pak. J. Pharm. Sci., 32(3):911-917 Citations 3 IF=0.679
14. Mehreen Ghias, Mohammad Shoaib, Syed Wadood Ali Shah, Muhammad Naveed Umar, Shakir Ullah, **Niaz Ali**, Ismail Shah and Shafiullah. Nootropic effects of synthetic flavonoid derivatives on scopolamine induced memory impairment in mice via cholinesterase inhibition and antioxidant system. Pak. J. Pharm. Sci.,2019; 32(5):2325-2332. IF=0.979





15. Ume Kalsoom\*, **Niaz Ali**. Effect of Carbamazepine on the Serum Level of Thyrotropin-Releasing Hormone. Int J Basic Clin Pharmacol. 2019;8(6):1349-1355. Citations 1 Index Coopernxus / Index Medicus
16. Haleema Rehana Nazish, **Niaz Ali**, Shakir Ullah. The possible effect of SCN1A and SCN2A genetic variants on carbamazepine response among Khyber Pakhtunkhwa epileptic patients, Pakistan. Therapeutics and Clinical Risk Management. 2018;14 2305–2313. Citations 3 IF=2.081
17. Shakir Ullah, **Niaz Ali\***, Adnan Khan, Saad Ali, Haleema Rehna Nazish, Zia Uddin. Epilepsy control with carbamazepine monotherapy from a genetic perspective. Accepted in BMC Pharmacology & Toxicology. 2018;19:73 <https://doi.org/10.1186/s40360-018-0261-y>
18. Shakir Ullah, **Niaz Ali**, Adnan Khan, Saad Ali and Haleema Nazish. The Epidemiological Characteristics of Epilepsy in the Province of Khyber Pakhtunkhwa, Pakistan. Front. Neurol. | doi: 10.3389/fneur.2018.00845.
19. Muhammad Saleh Faisal, **Niaz Ali**, Kashif Ali. *Citrullus colocynthis*, fractionation of methanolic extract of *Citrullus colocynthis* for spasmogens. Professional Med. Journal 2018;25(1):96-103.
20. Shakirullah Shakir, **Niaz Ali** and Haleema Nazish. Carbamazepine Verses Valproic Acid as Monotherapy in Epileptic Patients. Journal of the College of Physicians and Surgeons Pakistan 2018, 28 (5): 357-360. IF=1.02
21. *Shakirullah Shakir, Niaz Ali, Zia Uddin, Haleema Nazish, Muhammad Nabi*. Vitamin B<sub>6</sub> and homocysteine levels in carbamazepine treated epilepsy of Khyber Pakhtunkhwa. African health sciences, 2017,17(2):559-565. IF 0.842 Citations 4
22. Qadeem Khan, Muhammad Zahid, **Niaz Ali**, Aakifullah Khan, Khayyam and Mahboob-ul Haq. Prevalence of Hepatitis B and C infection in autoimmune thyroid patients. Journal of Entomology and Zoology Studies 2017; 5(2): 1335-1337.
23. **Ali N**, Jamil A, Shah SWA, Shah I, Ahmed G. Spasmogenic and spasmolytic activity of rind of *Punica granatum* Linn. BMC Complementary and Alternative Medicine, 2017;17(1):97. doi: 10.1186/s12906-017-1616-4. Citations 10 IF 2.04



24. Shah, I, Shoaib M, **Ali N**, Adikhari A, Tahir MN, Shah SWA, Ishtiaq S, Khan J, Khan S, Umar MN. Sesquiterpene lactone! A promising antioxidant, anticancer and moderate antinociceptive agent from *Artemisia macrocephala* Jacquem. BMC Complementary and Alternative Medicine and Alternative Medicine (2017) 17:27 DOI 10.1186/s12906-016-1517-y Citations 26 IF 2.04
25. **Ali N**, Shoaib M, Shah SWA, Shah I, Shuaib M. Pharmacological Profile of The Aerial Parts Of *Rubus ulmifolius* SCHOTT. BMC Complementary and Alternative Medicine, 2017; 17: 59. 10.1186/s12906-017-1564-z IF 2.34, Citations 9
26. Shoaib M, Shah SWA\*, **Ali N**, Shah I, Ullah S, Ayaz M, Tahir MN, Akhtar S. Synthesis, antinociceptive activity and structure activity relationship of flavone derivatives. Pakistan Journal of Pharmaceutical Sciences. Pak J Pharm Sci. 2017;30(5):1573-1580. Cited by 2 IF 1.0
27. **Ali N**, Begum R, Faisal MS, Khan A, Nabi M, Shehzadi G, Shakirullah, Ali W. Current statins show calcium channel blocking activity through voltage gated channels. BMC Pharmacology & Toxicology;2016;17:43. Citations 22 IF= 2.39
28. Ismail Shah , Mohammad Shoaib , Niaz Ali , Syed Wadood Ali Shah , Muhammad Asif Nawaz and Haneef Ur Rehman (2016). Role of *Artemisia macrocephala* as enzymes inhibitor in dementia and nociception! A pharmacological study. Pure Appl. Biol., 5(3): 538-546.
29. M. Shoaib, S. W. A. Shah, **Ali N**, I. Shah M. N. Umar, Shafiullah, M. N. Tahir, M. Ghias. Synthetic flavone derivatives! An antibacterial evaluation and structure activity relationship study. Bulgarian Chemical communications, 2016;48(3):414-421. Citation 27 IF 0.647
30. Shah I, Shoaib M, Niaz Ali, Adikhari A and Shah SWA (2016). Involvement of Opioidergic System in the Anti-Nociceptive Potentials of Flavonoids Isolated from *Artemisia macrocephala* Jacquem. American-Eurasian J. Agric. & Environ. Sci., 16 (3): 460-465, 2016
31. Shoaib M, Shah I, **Ali N**, Shah SWA (2016). A mechanistic approach to anti nociceptive potential of *Artemisia macrocephala* Jacquem, BMC Complementary and Alternative Medicine, 16:141 Citations 12 IF 2.34



32. Shoaib M, Shah SWA, **Ali N**, Shah I, Ullah S, Ghias M, Tahir MN, Gul F, Akhtar S, Ullah A, Akbar W and Ullah A. Scientific investigation of crude alkaloids from medicinal plants for the management of pain. BMC Complementary and Alternative Medicine 2016; 16:178. Citations 22
33. Junaid M, Linn AK, Javadi MB Al-Gubare S, **Ali N**, Katzenmeier G (2016). Vacuolating cytotoxin A (VacA). A multi-talented pore-forming toxin from *Helicobacter pylori*. Toxicon 2016; 118:27-35. **Citations 26 IF 2.276**
34. Niaz Ali, Ulfat sultana · Syed Wadood Ali Shah Muhammad Nabi, Shakirullah, Ismail Shah, Ghayour Ahmed. Acute Toxicity and Analgesic Activity Of Crude Flavonoids Of *Achillea Wilhelmsii* And *Teucrium Stocksianum*. KMJ- 2016 VOL 8 NO 1. Citations 21
35. Shoaib M, Shah SWA, **Ali N**, Shah I, Umar MN, Shafiullah, Ayaz M, Tahir MN, Akhtar S. *In vitro* enzyme Inhibition potentials and antioxidant activity of synthetic flavone derivatives. Journal of Chemistry, volume 2015 (2015):7 (available on <http://dx.doi.org/10.1155/2015/516878>). **Citations 5 IF 3.28**
36. **Ali N**, Jamil A, Shah SWA, Shah I, Ahmed G, Junaid M, Ahmed Z (2015). Parasitocidal and Brine Shrimp cytotoxicity potential of crude methanolic extract of rind of *Punica granatum* Linn against round worms and the tape worms. Pakistan Journal of Pharmaceutical sciences, 2015, 28:959-962. Citations 6 IF 0.89
37. Shoaib M, Shah I, Ali, N; Shah, Shah SWA. *In vitro* acetylcholinesterase and butyrylcholinesterase inhibitory potentials of essential oil of *Artemisia macrocephala* Jacquem. Bangladesh Journal of Pharmacology, 2015;10:87-91. Citations 20
38. **Ali N**, Alam H, Khan A, Ahmad G, Shah SWA, Nabi M, Junaid M. Antidiarrheal and antispasmodic activity of the fruit of *Rosa moschata* (J). BMC compl Altern Medicine 2014;14:485. Citations 14
39. **Ali N**, Junaid M, Ahmad D, Rehman MU, **Ali N**, Katzenmeier G (2104). Antibacterial and antifungal activity of solvent extract from *Plumeria obtusa* Linn. Exhibit high antibacterial and antifungal activity. Tropical Biomedicine, 2014; 31(4):607-615.
40. Junaid M, Gubare SA, Yousef M, Ubol MN, Leetachewa S, Muanprasat C, Angsuthanasombat C, Chaicumpa W, **Ali N**, Katzenmeier G. Sequence and Apoptotic



Activity

of VacA Cytotoxin Cloned from a *Helicobacter*

Thai Clinical Isolate. BioMed Research International, 2014; 1-9;  
<http://dx.doi.org/10.1155/2014/398350>

41. **Niaz Ali**, Abidullah, Sohail Akhtar, Wadood Ali Shah, Muhammad Junaid. Factors Associated With Peptic Ulcer: A Single Centre Experience At Tertiary Care Hospital Of Khyber Pakhtunkhwa. KMUJ 2013, 5 (1):18-21.
42. Junaid M, Angsuthanasombat C, Wikberg JES, **Ali N**, Katzenmeier G. A straightforward experimental approach to expression, purification, refolding and enzymatic analysis of recombinant dengue virus NS2B(H)-NS3pro protease. Biochemistry Moscow 2013, 78(8): 920-924.
43. Junaid M, Angsuthanasombat C, Wikberg JES, **Ali N**, Katzenmeier G. Enzymatic Analysis of the Dengue Virus Nonstructural Protein NS3 Nucleoside Triphosphatase /Helicase Activities. Biochemistry Moscow 2013, 78(8): 925-932.
44. **Ali N**, Aleem U, Shah SWA, Ahmed G, Shoaib M, Junaid M, Ali W. Acute toxicity, Brine Shrimps cytotoxicity, anthelmintic and relaxant potential of *Rubus fruticosus*. BMC complementary and Alternative medicine 2013, 13:138 doi:10.1186/1472-6882-13-138 Citations 33 IF=2.167
45. **Ali N**. Brine shrimp cytotoxicity of crude methanol extract and antispasmodic activity of  $\alpha$ -amyrin acetate from *Tylophora hirsuta* Wall. Published in BMC complementary and alternative medicine 2013, 13:135 doi:10.1186/1472-6882-13-135. Citations 21 IF=2.617
46. **Ali N**, Shah I, Shah SWA, Ahmed G, Shoaib M, Junaid M, Waqar Ali. Antioxidant and relaxant activity of fractions of crude methanol extract and essential oil of *Artemisia macrocephala* Jacquem. BMC complementary and Alternative medicine 2013, 13:96 doi:10.1186/1472-6882-13-96 Citations 33 IF=2.167
47. Barkat BB, Ibrar M, **Ali N**, Muhammad N, Rehmatullah (2013). Antispasmodic potential of leaves, barks and fruits of *Zanthoxylum armatum* DC. Afr J Pharm Pharmacol 7(13):685-693 (work carried out under supervision of Dr. Niaz Ali as collaborative PhD student). Citations 22
48. Barkat BB, Ibrar M, Muhammad N, **Ali N**, Halimi SMA (2012). Antispasmodic profile of ethanolic extract of leaves of *Skimmia laureola*. Asian Pacific Journal of Tropical



- Biomedicine, 1-4. Available on: [www.elsevier.com/locate/apjtb](http://www.elsevier.com/locate/apjtb) (work carried out under supervision of Dr. Niaz Ali as collaborative PhD student) Citations 22 IF=0.511
49. **Niaz Ali**, Syed Wadood Shah, Ismail Shah, Ghayour Ahmed, Mehreen Ghias and Imran Khan (2011). Cytotoxic and anthelmintic potential of crude saponins isolated from *Achillea Wilhelmsii* C. Koch and *Teucrium stocksianum* Boiss. BMC Complementary and Alternative Medicine 2011.11:104. Citations 75 IF=2.617
  50. **Niaz Ali**, Ghayour Ahmed, Syed Wadood Ali Shah, Ismail Shah, Mehreen Ghias, Imran Khan (2011). Acute toxicity, brine shrimp cytotoxicity and relaxant activity of fruits of *Callistemon citrinus* Curtis. BMC Complementary and Alternative Medicine 2011, 11:99 doi:10.1186 /1472-6882-11-99. Citations 58 IF=2.617
  51. **Niaz Ali**, Syed Wadood Shah, Ismail Shah, Ghayour Ahmed, Mehreen Ghias, Imran Khan and Waqar Ali (2012). Anthelmintic and relaxant activities of *Verbascum thapsus* Mullein. BMC Complementary and Alternative Medicine 2012.12. Citations 34 IF=2.617
  52. **Niaz Ali**, Bashir Ahmad, Wadood Ali Shah (2011). Spasmogenic and spasmolytic activity of *Onosma griffithii* Vatke. Pakistan journal of Pharmaceutical Sciences. 24(4):553-558. Citations 7 IF=0.67
  53. Bashir A, Ibrar K, Shumaila B, Sadiq A, **Niaz Ali** (2011). The antifungal, cytotoxic, anti-termite and insecticidal activities of *Zizyphus jujuba*. Pakistan journal of Pharmaceutical Sciences. 24(4):489-493. Citations 18 IF=0.679
  54. Bashir A, Sadiq A, Shumaila B, Ibrar K, **Niaz Ali**, MI Choudhary (2011). Phytotoxic, Anti-bacterial and Hemagglutination activities of the aerial parts of *Myrsine africana* L. African journal of Biotechnology 10(1): 97-102. Citations 21 IF=0.569
  55. **Niaz Ali**, Syed Wadood Ali Shah (2011). Preliminary phytochemical screening and Antispasmodic activity of *Artemisia macrocephala* Jacquem. Journal of young pharmacists. 3(2):125-128. Citations 12
  56. Alya Maimoona , Ismat Naeem , Zeb Saddiqe, **Niaz Ali**, Ghayour Ahmed, Ismail Shah (2011). Analysis of total flavonoids and phenolic in different fractions of bark and





- extracts of *Pinus roxburghii* and *Pinus wallichiana*. Journal of Medicinal Plant Research. 5(13):2724-2728. Citations 45  
IF=0.879
57. Bashir A, Ibrar K, Shumaila B, Sadiq A, **Niaz Ali** (2011). Screening of *Accacia modesta* for antifungal, anti-termites, anti-oxidant and brine shrimp cytotoxic activities. Journal of Medicinal Plant Research. 5(15):3380-3386. Citation 7  
IF=0.87
58. Naveed Ullah, Afzal Haq Asif, Mir Azam Khan, Waqar Ahmad, **Niaz Ali**, Taimur Khan, Afrasiab Ali Shah (2011). Chemical analyses of Naswar and cigarettes; a comparative study. International Journal of Basic and Clinical Research, 1(1):12-14 Citation 4
59. **Niaz Ali**, Syed Wadood Ali Shah, Bashir Ahmad (2011). Calcium channel blocking activity of *Callistemon citrinus*. Journal of the Chemical Society of Pakistan. 33(2):245-248.
60. **Niaz Ali**, Rehman S, Shah SWA, Khan J, Rehman S, Imran M, Hussian I, Shehbaz N, Jamshed H, Khan S (2010). Pharmacotherapy based problems in the management of diabetes mellitus: Needs much more to be done! Journal of young Pharmacists 2(3): 311-314. Citations 5
61. Syed Wadood Ali Shah, Sameer A Kamil, Waqar Ahmad, **Niaz Ali** (2010). Spasmogenic, spasmolytic and antihypertensive activity of *Forsskalea tenacissima*. African Journal of Pharmacy and Pharmacology 4:381-385.  
Citations 19 IF=0.569
62. **Niaz Ali**, Syed Wadood Ali Shah (2010). Spasmolytic activity of fruits of *Tamarindus indica* L. Journal of young Pharmacists 2(3): 261-264. Citations 31
63. **Niaz Ali**, Wadood AS (2010). Antispasmodic activity of *Teucrium stocksianum* Bioss. Pakistan Journal of Pharmaceutical Sciences, 24(2):171-174. Citations 21  
IF=0.679
64. **Niaz Ali**, Bashir Ahmad, Shumaila Bashir, Jehandar Shah, Sadiq Azam, Manzoor Ahmad (2009). Calcium channel blocking activities of *Withania coagulans* L. African Journal of Pharmacy and Pharmacology 3(9): 439-442. Citations 22 IF=0.569





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70. S. Kamel, **Niaz Ali**, K. Jahangir, S. M. Shah, A. A. El-Gendy (2008). Pharmaceutical significance of cellulose: A review. eXPRESS Polymer Letters 2(11): 758-778  
Citations 340 IF=3.374
71. **Niaz Ali**, Syed Wadood Ali Shah, Ghayour Ahmed, Ismail Shah. Mohammad Shoaib, Muhammad Junaid, Waqar Ali (2014). Acute toxicity and antispasmodic activities of *Achillea wilhelmsii* C. Koch. *Pakistan Journal of Pharmaceutical Sciences* 27(2):309-315.
72. Junaid M, Adnan M Khan N, Khan N, Rahman MU, **Ali N** (2013). Plant growth, biochemical characteristics and heavy metals Contents of *Medicago sativa* L., *Brassica juncea* (L.) Czern. and *Cicer arietinum* L. FUUAST Journal of Biology. 3(2): 95-103.
73. **Niaz Ali**, Muhammad Nabi, Mohammad Shoaib, Ismail shah, Ghayour ahmed, Shakirullah, Ziauddin, Syed wadood Ali shah and Waqar Ali. GCMS Analysis, Antileishmanial and relaxant activity of essential oil of *Chenopodium ambrosioides* (L). Pak. J. Pharm. Sci., Vol.34, No.2, 2021, pp.577-583.



74. Mohammad Shoaib, Syed Wadood Ali Shah, Mehreen Ghias, **Niaz Ali**, Naveed Umar, Ismail Shah, Shafiullah, Muhammad Nisar, Tour Jan, Muhammad Nawaz Tahir. Synthesis, crystal studies and biological evaluation of flavone derivatives. Pak J Pharm Sci, 2020; 33(1):11-20.

#### A. Medical Education:

75. **Niaz Ali**. The use of concept maps and propositions to promote deep learning. Advances in Health Professions Education 2016;2(1):41-44.
76. **Niaz Ali**. Students' perceptions about use of multimedia projectors for information transfer in classroom - A single center experience. Advances in Health Professions Education. 2015; 1(2):69-72.
77. Niaz Ali. Preferences of Medical graduates for postgraduation studies in Basic Medical Sciences. A single center experience. Submitted to Medical Teacher.

### Approved research topics / M. Phil Pharmacology Degrees/PhD degree awarded related topics.

1. Comparison of ivabradine and low- dose digoxin in the management of systolic heart failure with left ventricular systolic dysfunction.
2. Pharmacokinetics of molecule KMU/UOM/NIAZ/SOIB-01
3. Association of carbamazepine and valproic acid therapy with MTHFR A-1298c, MTHFR c677T and GABRG2 gene mutation in population of Khyber Pakhtunkhwa
4. Pharmacokinetic profile of carbamazepine and valproic acid in genetically mutant variants of cyp450 in epileptic patients
5. Association of EPHX1, SCN1 and SCN2a genes in population of KPK with epilepsy using carbamazepine and valproic acid.
6. Effect of UGT1A4 and UGT2B7 genetic polymorphism on Lamotrigine drug optimization in epileptic population of Khyber Pakhtunkhwa
7. Effects of Newly launched quinolones on QT interval.
8. Effects of current quinolones on QT interval of healthy volunteers- A single dose follow up.
9. *In Vitro* Pharmacodynamic Interaction Analysis of Simvastatin with Voriconazole And Current Quinolones Against *Aspergillus Fumigatus*
10. *In-vitro* pharmacodynamic interaction analysis between Fluconazole, Current quinolones (Levofloxacin, Ciprofloxacin, Moxifloxacin) and Amlodipine

# INTEGRATION

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statins

11. Pharmacodynamic interaction between current and amlodipine.
12. Effect of Current Quinolones on Blood Glucose Level of Euglycemic Mice
13. Effect of some fluoroquinolones on QT interval-using animal model
14. Effect of some current statins on gut motility
15. Histomorphological effects of molecule KMU/UOM/Niaz/Shoaib-01 on kidneys of BALB/c mice – a preclinical study
16. Histomorphological effects of molecule KMU/UOM/NIAZ/SHOAIB-01 on liver of BALB-C mice. A preclinical study.
17. Sub-acute toxicological studies of molecule KMU/UOM/NIAZ/SHOAIB-01 in rabbits.
18. Histomorphological effects of Molecule KMU/UOM/NIAZ/SHOAIB-01 on heart of BALB-C mice- A preclinical study
19. Histomorphological effects of molecule IBMS/KCWU- NIAZ/GHAZALA/08 ON LIVER OF BALB-C MICE
20. Histomorphological Effects of Molecule IBMS/KCWU- NIAZ/GHAZALA/08 ON KIDNEY OF BALB-C MICE
21. Histomorphological effects of molecule IBMS/KCWU-NIAZ/GHAZALA/08 on testis of BALB C mice-A preclinical study
22. Effects of atenolol, metoprolol, propranolol and carvedilol on stress induced renin release in experimental animals.
23. Effects of molecule KMU/UOM/Niaz/Shoaib01 on histomorphology of testes of Balb-C mice
24. Hepatoprotection and reversal of liver injury with *Rosa moschatta* (J. Herm): A histomorphological study
25. Isolation, Gas Chromatography/mass spectrometry analysis and anti-leishmanial activity of essential oil of *Eucalyptus globulus*
26. Pharmacological basis for some folkloric uses of *Punica granatum* Linn
27. Current antibiotics sensitivity patterns of *E. Coli* isolates from urinary tract infection- A tertiary care hospital experience
28. Pharmacological investigations of *Rubus fruticosus* Agg.
29. Lipid lowering effects of Walnuts (*Juglans Regia* L) and their comparison to the standard lipid lowering Drug (Atrovastatin).
30. Antispasmodic profile of essential oils of *Mentha longifolia* (L) and *Mentha spicata* (L)
31. Antispasmodic and anti-leishmanial activities of essential oils of *chenopodium ambrosiodes* (L.)



32. Analgesic activity of total flavonoids from *Achillea wilhelmsii* C. Koch and *Teucrium stocksianum* Bioss
33. Antispasmodic and antidiarrhoeal activity of *Dioscorea deltoidea* Wall.
34. Antispasmodic and antidiarrhoeal activity of Aerial parts of *Asparagus racemosus*.
35. Antispasmodic and antidiarrhoeal activity of fruit of *Rosa moschata* J
36. pharmacological profile (Anti spasmotic and anti- diarrheal) activities of total flavonoid of *Vitex negundo*
37. Effects of *Euphorbia helioscopia* (L) on Gut Motility and Hypertension
38. Relaxant and anthelmintic potential of *Ailanthus altissima*.
39. Activity gradient fractionation for spasmogens from methanolic extraction of *Euphorbia helioscopia*
40. Fractionation of methanolic extract of *Citrullus colocynthis* for spasmogens
41. Activity guided fractionation of methanolic extract of *Dioscorea deltoidea* for relaxant constituent (s)
42. Anthelmintic Potential of *Convolvulus arvensis*
43. Fractionation of methanolic extract of *Forskalea tenacissima* (L) for spasmogens.
44. Determination of Cardioprotective Potential Of Methanolic Extract Of *Convolvulus Arvensis* Against Doxorubicin Induced Cardiotoxicity
45. A comparative evaluation of 10% strontium chloride hexahydrate with 8% arginine, calcium carbonate in treatment of mild to moderate dentinal hypersensitivity
46. Acute toxicity and effects on gut motility of *convolvulus arvensis* (Linn)
47. Isolation and pharmacological screening of total flavonoids of *Forsskaolea tenacissima* (L)
48. Effects of Prosense™ on key biochemical parameters

**E. At least five years of administrative or research experience/postdoctoral research experience in the field of Higher education.**

1. The incumbent shares more than 11 years post PhD research experience with postdoctoral position at Center for addiction & mental health (camh) in year 2016-2017.
2. Fellowship of the Academy of translational medicine Professionals (FACadTM), Austria, 2019.
3. The Incumbent has worked / has been working in following different administrative/ management capacities for approximately *11 years to render services to the authorities of the KMU,*



and in

*University of Malakand and in international Professional organization and Hospital in addition to Teaching and Research as prime responsibility.*

1. Chief Proctor Khyber Medical University, Peshawar with effect from 17/05/2016 till November 2020
2. Head of Faculty Development Unit at College of Medicine, Shaqra University, Riyadh KSA from November 2020 till date
3. **Chairman Department** of Pharmacy, University of Malakand, Chakdara Dir, 5<sup>th</sup> October 2006 to 9<sup>th</sup> October 2008.
4. **Acting Chairman** for Department of Pharmacy, University of Malakand, Chakdara Dir, during ex Pakistan Leave of the Chairman for 3 months with effects from 31-12-2005.
5. **Acting Chairman** for Department of Pharmacy for 2 months, University of Malakand, Chakdara Dir, with effect from 22-08-2005.
6. **Professor Pharmacology, Head of Pharmacology Unit, at Development of Pharmacology at College of Medicine, Shaqra University, Riyadh KSA.**
7. **Chairman / Incharge Hakim** Abdul Jalil Herbal Research Center, Khyber Medical University, Peshawar *from 17/11/2016 till date.*
8. Head Of department of Pharmacology, KMU since 1<sup>st</sup> February 2011 till date.
9. **Chairman Program Team** Members for M. Phil/PhD programs for Disciplines Anatomy, Biochemistry, Microbiology, Histopathology, Physiology, Hematology and Pharmacology from Year 2011 till February 2016.
10. **Manager** Abbott International Laboratories Pakistan Limited, Karachi form November 1997 to 2001.
11. **Secretary cum member of the KMU Character Building Society,** Graduate Studies Committee for M. Phil/PhD Programs, and PhD Progress Review Committee for PhD programs.
8. **Worked as Hospital Pharmacist** with Al-Rahma Hospital Abha, KSA *for one year.*
9. Worked as **Field Manager,** M/S Platinum Pharmaceuticals Karachi for *one and half year.*
10. Worked as pharmacist at Dr. Raza Pharma Peshawar in:
  - **Research** related to Palatability & Stability of Antibiotics.

Helped the Industry for documentation of ISO surveillance audit.

**Documentation and validation** of different manufacturing processes

12. Convener of KMU Condemnation/Disposal of Stores Committee, Safety and Security Committee, Research Project Management Practices and Chairman for "Strengthening of





- University, Peshawar (to Frame PC-1 for Institute of Pharmaceutical Sciences)” .
13. The incumbent is also elected member of The Academic Council of the Khyber Medical University and participated in syndicate meeting of the KMU.
  14. The incumbent has been member of the syndicate, KMU
  15. Has been expert / member of the selection board of Shaheed Benazir Bhutto University, Sheringal, Dir Upper.
  16. Has been expert / member of the selection board of University of Karachi, Pakistan
  17. Has been member of the Board of Studies of Shaheed Benazir Bhutto University, Sheringal, Dir Upper.
  18. Has been Expert / member of the Academic Council Abasyn University, Peshawar.
  19. Has been chairman of the Technical committee of the KMU.

#### F. Execution of at least one major research project

The incumbent is HEC approved supervisor. The scholar is having proven track record of winning following research projects from Higher Education Commission of Pakistan and another donor(s).

The scholar is having proven track record of winning following research projects from Higher Education Commission of Pakistan and another donor(s).

1. Pharmacokinetic profile of Carbamazepine and valproic acid therapy in management of epilepsies with reference to single nucleotide polymorphisms in EPHX1, SCN1A and SCN2A genes in population of Khyber Pakhtunkhwa. Awarded by HEC (Rs: 16.976250 million). Award no: 20-4092/NRPU/R&D/HEC 2015/230 dated 08-09-2015. (Executed.)
2. Pharmacological basis for ethno-botanical uses of some of medicinal plants of Malakand region. (Award No:20-1723/R&D/10-5746 dated 26.10.2011 by HEC; Rs: 6.0 million). Executed
3. Optimization of antiepileptic drug therapy by establishing association of carbamazepine and valproic acid therapy in most prevalent polymorphism Pakistani population” (Rs: 1.0 million). A research grant awarded by Directorate of Science & Technology of Khyber Pakhtunkhwa. Executed
5. Phytochemical investigations, biological and pharmacological screening processes" under the Training Program for Technical/Scientific staff & Researchers" duly approved by Higher Education Commission, Islamabad vide Research Grant No: 1-23/HEC/R &D-2007/CASE/34-Local. Executed





Power Lab Up gradation at University of Malakand for maintenance of research equipments vide grant No: 4-3/MSP/R&D/HEC/2009/September 23, 2010, from HEC Islamabad (1.0 million).

Executed

**G. Experience of working with international bodies or international exposure through participation in workshops, seminars or conferences held outside the country: *(Copies of relevant certificates are attached).***

**a. With international bodies experience**

1. Member of the Education Committee of the American College of Clinical Pharmacology, USA.
2. Chairman Problem Based Learning (PBL) Committee for College of Medicine, Shaqra University, Riyadh, KSA.
3. Head of Faculty Development Unit for College of Medicine, Shaqra University, Riyadh, KSA.
4. Member of the Research Committee, College of Medicine, Shaqra University, Riyadh, KSA.
5. Working as member of the American College of Clinical Pharmacology, USA  
American College of Clinical Pharmacology, USA.
2. Working as Member of the Education Committee of the American College of Clinical Pharmacology, USA.
3. Working member with American College of Clinical Pharmacy, USA.
4. Member of the Review Expert Panel for Higher Education, Ministry of Science and Technology, Kazakhstan.
5. The incumbent worked with Abbott International Illinois USA as Territory Manager.
6. That the incumbent has worked as Hospital Pharmacist in Saudi Arabia (Ministry of Health Registration no: 0501/A/2002 dated 8<sup>th</sup> October 2002).
7. Worked and being working with Scientific Federation, where we have organized and being organizing international conferences globally.

**b. Organized and participated and as invited speaker, presenter to International conferences exposure and experience**

1. Resource person for series of workshops conducted at College of Medicine, Shaqra University, Riyadh KSA, March-April 2021 under the faculty development Unit on "How to write Program, Course and PBL learning objectives and outcome" and planning lectures on high Cognitive levels" .



2. Presented oral presentation in the "4th International conference and Industrial Exhibition on Dairy Science Park (DSP) November 1 - 5, 2017" in Turkey.
3. Participated in the "4th International conference and Industrial Exhibition on Dairy Science Park (DSP) November 1 - 5, 2017" in Turkey.
4. Organized as member of the committee for the "4th International conference and Industrial Exhibition on Dairy Science Park (DSP) November 1 - 5, 2017" in Turkey.
5. Invited as resource person for workshop to the "2<sup>nd</sup> International Congress and Exhibition on Pharmacy" held on 20-21<sup>st</sup> August 2018 in Paris, France
6. Invited key note speaker to the "2<sup>nd</sup> International Congress and Exhibition on Pharmacy" held on 20-21<sup>st</sup> August 2018 in Paris, France.
7. Organizer for the "2<sup>nd</sup> International Congress and Exhibition on Pharmacy" held on 20-21<sup>st</sup> August 2018 in Paris, France.
8. **Organizer** of the 3<sup>rd</sup> International Conference on "3<sup>rd</sup> International Congress and Exhibition on Pharmacy to be held on 15-16<sup>th</sup> August s2019 at Prague, Czech Republic.

#### H. Experience of organizing events such as workshops, seminars, or conferences at an international level with in the country in the field of higher education

1. **Invited speaker and facilitator** for two days Clinical Pharmacy workshop series II held on 22<sup>nd</sup> July to 24<sup>th</sup> July 2019 at Shaheed Benazir Bhutto University Sheringal Dir Upper, KP.
2. **Invited** key note speaker to the Kinnaird' s 1<sup>st</sup> International conference on Science, Technology and Innovation held on 2<sup>nd</sup> -4<sup>th</sup> April 2019 at Lahore. Title of speech, promoting meritocracy, academic and administrative audits in Pakistani Universities. What is way forward?
3. **Conducted a workshop as resource person on "Toxicological screenings in new drug development. Where do we stand?"** in the Kinnaird' s 1<sup>st</sup> International conference on Science, Technology and Innovation held on 2<sup>nd</sup> -4<sup>th</sup> April 2019 at Lahore.
4. **Facilitator / Organizer** of Preconference workshop "How to write a proposal for research grant? On 5<sup>th</sup> International Conference on Health Professions Education & Research with the theme "Curriculum innovations: Global and local Trends" held on 7<sup>th</sup> April, 2017 at KMU, Peshawar, Pakistan.



Recent

5. **Invited speaker** for 3<sup>rd</sup> International Conference on Innovations in Pharmaceutical Sciences (ICRIPS-2019) held on 13-14<sup>th</sup> March 2019. Title presentation "Blue printing of Current Pharm D curriculum. Where do we stan?"
6. Participated in the two days seminar on "Palliative Care" held from 4-5 March, 2019 organized by Department of Family Medicine KMU-Institute of Public Health & Social Sciences in Collaboration with "Shaheen Palliative Care" .
7. Participated in 1<sup>st</sup> International Public Health Conference at KMU held on 27-28<sup>th</sup> March 2019.
8. **Invited speaker** to 9<sup>th</sup> International ANRAP Seminar "from plant to patient: identification of new drugs for metabolic disorders" held on Jan 25<sup>th</sup> to 27<sup>th</sup> , 2019 at Dr. Panjwani Center for Molecular Medicine and drug Research , ICCBS and Asian Network of Research on antidiabetic plants at University of Karachi, Karachi.
9. **Worked facilitator for workshop** held on "Hands on training on PowerLab in research protocols" arranged in 1<sup>st</sup> International Basic Medical Sciences Conference "challenges and opportunities" held on 23<sup>rd</sup> 25<sup>th</sup> October 2018 at Khyber Medical University, Peshawar.
10. **Invited key note speaker** to the "1<sup>st</sup> National Conference on Phytomedicine: Held at Shaheed Benazir Bhutto University Dir Upper Sheringal, KP (from 9<sup>th</sup> to 11 October 2018)
11. **Invited key note speaker** to the 3<sup>rd</sup> Abasyn International Conference on Life and Pharmaceutical Sciences, Technology and Business Management Abasyn University held on 28<sup>th</sup> -29<sup>th</sup> March 2018.
12. Participated and chaired the session in the 3<sup>rd</sup> Abasyn International Conference on Life and Pharmaceutical Sciences, Technology and Business Management Abasyn University held on 28<sup>th</sup> -29<sup>th</sup> March 2018
13. **Key Note speaker** in 9<sup>th</sup> international Annual Health Research Conference themed as (health research priorities in the SGDs ERA) arranged by Khyber Medical University on 5<sup>th</sup> 7<sup>th</sup> March 2018 i.e. KARECon 2018.
14. Participated in 9<sup>th</sup> international Annual Health Research Conference themed as (health research priorities in the SGDs ERA) arranged by Khyber Medical University on 5<sup>th</sup> 7<sup>th</sup> March 2018 i.e. KARECon 2018.
15. **Keynote Speaker** on title "Pharmacological screenings in Drug discovery process. Where do we stand?" presented in 1<sup>st</sup> international conference: Advances in Drug Discovery and Development (ICAD3) held on 30<sup>th</sup> January, 2018 at NARC, Islamabad, Pakistan.

in 1<sup>st</sup>

16. **Participant a Judge/ Referee for Posters evaluation**  
international conference: Advances in Drug Discovery and Development (ICAD3) held on 305 January 2018 at NARC, Islamabad, Pakistan
17. **Invited speaker** for oral talk to the "2<sup>nd</sup> International Conference on recent innovations in Pharmaceutical Sciences (ICRIPS-2017) held on 15-16 November 2017 Islamabad Pakistan, organized by RIPHA Institute of Pharmaceutical Sciences, Islamabad.
18. Chaired session in the "2<sup>nd</sup> International Conference on recent innovations in Pharmaceutical Sciences (ICRIPS-2017) held on 15-16 November 2017 Islamabad Pakistan, organized by RIPHA Institute of Pharmaceutical Sciences, Islamabad.
19. Participated in 5<sup>th</sup> National and 2<sup>nd</sup> International conference on "Quality, Safety and outcome; a paradigm shifts in Pharmacy: held on 14<sup>th</sup> October 2017 in MovenPick Karachi.
20. **Invited speaker** to the "One-day seminar cum Pharma Exhibition", theme: Clinical pharmacy, Current Challenges and Future perspective. Held on 3-4<sup>th</sup> May 2017 at University of Swabi, Anbar, Swabi, KP.
21. **Participant** of Preconference workshop "Action Research? On 5<sup>th</sup> International Conference on Health Professions Education & Research with the theme "Curriculum innovations: Global and local Trends" held on 7<sup>th</sup> April 2017 at KMU, Peshawar, Pakistan.
22. **Participant** in 5<sup>th</sup> International Conference on Health Professions Education & Research with the theme "Curriculum innovations: Global and local Trends", held on 7-9 April, 2017 at KMU, Peshawar, Pakistan.
23. **Participant** in 2<sup>nd</sup> Advances in cancer, histopathology & Hematology Conference 2017, with the theme "Standardizing treatment in developing countries" held on Jan 27-28<sup>th</sup> 2017.
24. **Participant** in "Workshop Next Generation Sequencing" organized by KMU in 2<sup>nd</sup> Advances in cancer, histopathology & Hematology Conference 2017, with the theme "Standardizing treatment in developing countries" held on Jan 27<sup>th</sup> 2017.
25. **Participant** in 39<sup>th</sup> Annual PAP Conference & 4<sup>th</sup> Joint Conference of Societies of Pathology held at Khyber medical University, Peshawar, Pakistan
26. **Participant** in workshop "Next Generation Sequencing" organized in 39<sup>th</sup> Annual PAP Conference & 4<sup>th</sup> Joint Conference of Societies of Pathology held at Khyber medical University, Peshawar, Pakistan.
27. **Facilitator** for preconference workshop on "Understanding your colleagues. A way to success" organized and executed in 7<sup>th</sup> Annual Health Research Conference (held on 29<sup>th</sup> April 2016) From Therapeutics to Prevention: the way forward organized by Khyber Medical University, Peshawar Pakistan.



28. **Facilitator** for preconference workshop on "Writing grant winning research project" organized and executed in 7<sup>th</sup> Annual Health Research Conference (held on 29<sup>th</sup> April 2016) From Therapeutics to Prevention: the way forward organized by Khyber Medical University, Peshawar Pakistan.
29. **Presenter** for plenary session on title "journey from award of research grant to execution: success story" in 7<sup>th</sup> Annual Health Research Conference (held on 29<sup>th</sup> April 2016) From Therapeutics to Prevention: the way forward organized by Khyber Medical University, Peshawar Pakistan.
30. **Facilitator** for Preconference workshop on "Endnote" in 6<sup>th</sup> Annual Health Research Conference 2014: 28<sup>th</sup> February and 1<sup>st</sup> March 2015 organized by ORIC, KMU.
31. Participant in 6<sup>th</sup> Annual Health Research Conference 2014: 28<sup>th</sup> February and 1<sup>st</sup> March 2015 organized by ORIC, KMU.
32. **Panel member/judge** for session in 6<sup>th</sup> Annual Health Research Conference 2014: 28<sup>th</sup> February and 1<sup>st</sup> March 2015 organized by ORIC, KMU.
33. **Participant** in 2<sup>nd</sup> international Conference on Medical Education & Research 2104 April 18-20, 2014.
34. Participant in preconference workshop on "Lecturing at higher Cognitive Level" held on 18<sup>th</sup> April, in 2<sup>nd</sup> international Conference on Medical Education & Research 2104 April 18-20, 2014.
35. Participant in preconference workshop on "Teaching & Learning strategies in Post Flexner Era" held on 18<sup>th</sup> April, in 2<sup>nd</sup> international Conference on Medical Education & Research 2104 April 18-20, 2014.
36. Participant in preconference workshop on "Evaluating Problem Based Learning (PBL) Scenarios" held on 18<sup>th</sup> April, in 2<sup>nd</sup> international Conference on Medical Education & Research 2104 April 18-20, 2014.
37. Facilitator for Preconference workshop on "Managing your literature using Endnote / Mendeley" in 3<sup>rd</sup> International Conference on Medical education & research titled as "Accreditation & quality assurance in health professions education" held on April 3<sup>rd</sup>, 2015 organized by Institute of Health professions education KMU.
38. **Participant** and **Organizer** in 3<sup>rd</sup> International Conference on Medical education & research titled as "Accreditation & quality assurance in health professions education" held on April 3<sup>rd</sup>, 2015 organized by Institute of Health professions education KMU.





Medical

39. **Participant** in 3<sup>rd</sup> International Conference on education & research titled as "Accreditation & quality assurance in health professions education" held on April 3<sup>rd</sup>, 2015 organized by Institute of Health professions education KMU.
40. **Presenter** on "specialty preferences of medical graduates for post-graduation in basic medical sciences, at institute of basic medical sciences, KMU, Peshawar" in 3<sup>rd</sup> International Conference on Medical education & Research titled as "Accreditation & quality assurance in health professions education" held on April 3<sup>rd</sup>, 2015 organized by Institute of Health professions education KMU.
41. **Speaker** at WHO workshop at Pearl Continental Hotel, Peshawar. Presenter on "The Need for Clinical Pharmacy in Pakistan, 2005" .
42. **Chief Organizer** of the 1<sup>st</sup> National symposium on "OLD PLANTS, NEW REMEDIES 2008" at University of Malakand, sponsored by HEC, Islamabad.
43. **Organizer** of Two days, HEC sponsored workshop on "Bioinformatics in Medicine 2012" .
44. *Speaker at one day workshop on "World AIDS Day, 2008" at University of Malakand.*
45. **Speaker** at 15<sup>th</sup> International Pharmacy Conference & Exhibition held on 6<sup>th</sup> to 8<sup>th</sup> April 2009 at PC Lahore, Pakistan.
46. **Speaker** at First National symposium on Biotechnology and Microbiology organized by Center of Biotechnology and Microbiology, University of Peshawar in Collaboration with HEC, Islamabad at Bara Galli, 2010.

## I. Demonstrated experience in leadership

The applicant has proven track record in demonstrating leadership in the field of higher education.

A. Chairman Problem Based Learning Committee for College of Medicine, Shaqra, Riyadh, KSA

B. Head of Faculty Development Unit, College of Medicine, KSA

C. Start of new programs and framing its feasibility at:

University of Malakand, Pakistan in following disciplines

- a. M. Phil & PhD Programs in all disciplines as facilitator and feasibility framing
- b. Pharm- D program feasibility framing and start up.
- c. Pharm-D Condensed Course to upgrade the already B. Pharm degree holders
- d. Master programs in all disciplines till arrival of BS programs in affiliated colleges with University of Malakand





- e. Established research laboratories at department of Pharmacy.

#### D. At Khyber Medical University, Peshawar

- a. Established laboratories and strengthened the following M.Phil/PhD programs at Khyber Medical University Peshawar
  - i. Anatomy, Biochemistry, Microbiology, Histopathology, Pharmacology, Physiology and Hematology
- b. Rendered services as:
  - Chairman M.Phil / PhD Programs for setting standards as per criteria of Higher Education Commission of Pakistan for chairman for M.Phil/PhD programs of:
    - i. Anatomy, Biochemistry, Microbiology, Histopathology, Pharmacology, Physiology and Hematology
    - ii. Curricular review and revision of MBBS syllabus at master' s in health Professions education level.
    - iii. Framing Self-assessment reports with QEC of the afore mentioned programs.
    - iv. Also rendered services for the procurement and purchase of relative equipments
    - v. Introduced the concept of interdisciplinary integration in view of professor Harden theory of integration at postgraduation level as transdisciplinary integration.
    - vi. Revised the curricula regularly as per the need of the time.
    - vii. Rendered and being rendering services as:
      - a. Member of the academic Council of KMU
      - b. Ex member of the syndicate of KMU
      - c. Member of the Graduate studies Committee of the KMU
      - d. Member of the ASRB of the KMU
      - e. Member of Board of Faculty at KMU
      - f. Expert to the USB of KMU
    - viii. Member of the technical review committee for tenure track system faculty of IBMS.
    - ix. The incumbent has been serving as secretary cum member of the KMU Character Building Society, Graduate Studies Committee for M. Phil/PhD Programs, and PhD Progress Review Committee for PhD programs.
    - x. In addition, the incumbent has been serving as member of Institutional Board of Studies, Purchase Committee for All Development Projects/ Research Projects/Workshops/Seminars and Trainings.

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- xi. The incumbent has extended his services as in capacity of inspector/ evaluator for visits of affiliation at undergraduate and postgraduate programs.
- xii. He has also extended his services to authorities of the KMU in organizing 1<sup>st</sup> and 2<sup>nd</sup> Convocations and supervisor for Conduct of Medical EATA entry test.
- xiii. The applicant has served the authorities of the KMU in as Chairman Program Team Members for M. Phil/PhD programs for Disciplines Anatomy, Biochemistry, Microbiology, Histopathology, Physiology, Hematology and Pharmacology from Year 2011 till February 2016.
- xiv. The incumbent is also convener of KMU Condemnation/Disposal of Stores Committee, Safety and Security Committee, Research Project Management Practices and Chairman for "Strengthening of Khyber Medical University, Peshawar (to Frame PC-1 for Institute of Pharmaceutical Sciences)" .

**(Section I. Contd.)**

**E. General leadership / core competencies and services rendered in the context of academics, assessment, curricular reforms, legislation, as expert of selection boards, Academic councils of other universities like university of Karachi, SBBU, University of Peshawar, University of Malakand, Abasyn university, administrative positions etc. etc.**

The Incumbent has worked / has been working in following different administrative capacities to render services to the authorities of the KMU and other university in addition to Teaching and Research as prime responsibility:

1. Chairman Department of Pharmacy, University of Malakand, Chakdara Dir, 5<sup>th</sup> October 2006 to 9<sup>th</sup> October 2008.
2. Acting chairman for Department of Pharmacy, University of Malakand, Chakdara Dir, during ex Pakistan Leave of the Chairman.
3. Acting chairman for Department of Pharmacy, University of Malakand, Chakdara Dir, during training period of the Chairman the department.
4. Ex- hospital pharmacist at Al-Rahma Hospital Saudi Arabia KSA for more than a year.
5. Ex-Lecturer Pharmacology & Therapeutics Cum Clinical Pharmacy to undergraduate Pharmacy students at university of Malakand, Chakdara Dir Pakistan (from May 2004 to Jan 2011)

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6. Ex-

Associate professor Pharmacology at Khyber Medical

University, Peshawar Pakistan from February 2011 to 21<sup>st</sup> March 2016.

7. Currently working as Professor Pharmacology at Khyber Medical University Peshawar Pakistan from 22<sup>nd</sup> March 2016 till date.
8. Worked as hospital Pharmacist in Saudi Arabia from Dec 2001 to Jan 2003.
9. Worked as Territory Manager Abbott Pharmaceuticals Karachi form November 1997 to 2001.
10. Worked as quality control pharmacist in Dr Raza Pharma Peshawar.  
The incumbent has been successful in wining and executing several research projects from Directorate of Science & Technology, Peshawar and higher Education Commission (HEC) of Pakistan.
11. The incumbent has been the organizer and facilitator of different national and international workshops and conferences/ seminars conducted time to time (see hereafter).
12. The incumbent on his contribution in field of Teaching and Research, He been awarded Best University Teacher Award for the year 2011 conferred in Year 2013.
13. Has been expert / member of the selection board of Shaheed Benazir Bhutto University, Sheringal, Dir Upper.
14. **Has been expert** / member of the selection board of *University of Karachi*, Pakistan
15. Has been member of the Board of Studies of **Shaheed Benazir Bhutto University**, Sheringal, Dir Upper.
16. Has been Expert / member of the Academic Council **Abasyn University, Peshawar**.
17. Won productive scientist award for the year 2011 by Pakistan Council for Science and Technology, Islamabad.
18. Entertained and Co-supervised first two HEC Collaborative Research PhD Scholars of University of Peshawar and Lahore College for women University Lahore at University of Malakand for pharmacological Screenings on collaborative basis.
19. Visiting faculty Pharmacology & Therapeutics for Post Graduate college of Nursing, Peshawar.
20. Visiting faculty pharmacology & therapeutics for Institute of Physical Medicine and Rehabilitation, KMU.
21. Facilitator for CPSP workshop for research methodology held on 12<sup>th</sup> Jan 2016 at regional center Peshawar.
22. External examiner for MBBS/BDS exam at KMU (KIDS, KIMS, JMC).

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23. Extended help to the University Authorities in framing the "Animals Bye-Laws 2008 of the University of Malakand (Scientific Procedures Issue- 1)" and different agenda items for the F&PC and Syndicate meetings.
24. Established and upgraded new Laboratories (Anatomy, Pathology, Pharmacology, Microbiology, Pharmaceutics, and Quality Control Labs.) at Department of Pharmacy.
25. Master Trainee (HEC), on Testing and Assessment Evaluation, Curriculum development, teaching as a profession, Learners' psychology. A workshop at Abdul Wali Khan University, Mardan.
26. **Launched the Pharm-D program** at Department of Pharmacy, University of Malakand.
27. Helped in framing **Service Structure Rules** for University of Malakand and University Public School, University of Malakand.
28. Framed **Rules and Code of Conduct** for Syed Iftikhar Hussain Shah Central Library, University of Malakand.
29. Helped in framing "**Medical Attendance Rules**" for employees of the University of Malakand.
30. Trained on Digital Computerized Power Lab. By ADInstruments, Australia for **Pharmacological Screening** of drugs & recording different **Physiological Activities**.
31. Got **registered** the Department of Pharmacy University of Malakand with Pharmaceutical Industries, where students go for Practical and channelized links with teaching hospitals for clinical orientation of students in **clinical pharmacy**.
32. Got training on **Isolation, Purification and Pharmacological Screening** of natural products at International Center for Chemical and Biological Sciences (ICCBS), University of Karachi, under the "**Training Program for Technical/Scientific Staff & Researchers**" launched by HEC, Islamabad.
33. Helped in organizing the **First Convocation 2007** of the University of Malakand as Convener of the Disciplinary Committee and focal person for the event.

## Internship:

Abbott Laboratories Pakistan Ltd. Karachi.

## Languages:

English, Urdu, and Pashto, Arabic.

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**Referees:**

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