



### **Dr. Najeeb Jahan --- Details for NIUM website**

**Name:** Dr. Najeeb Jahan

**Designation:** Professor Department of Ilmul Advia, National Institute of Unani Medicine.

**Qualification:** BUMS, M.D, (Ph.D.)-Ilmul Advia (Pharmacology).

**Thrust area:**

- ✧ Used sophisticated instruments like: HPLC, HPTLC, GC-MS, AAS, Spectrophotometer etc. in Standardization and Quality Control of Single and Compound Unani drugs, and in making Standard Operative Procedures (SOPs) of Saidla (Unani Pharmacy) and Kushtesazi (Calcinology).
- ✧ Management of non-communicable diseases by Unani Drugs. Evaluated the effect of Unani drugs in the management of Depression, Diabetes, Obesity, Hyperlipidemia, Atherosclerosis, Myocardial Infarction, Vascular thrombosis, nervine disorders, and Stroke etc.
- ✧ Delivers Motivational talks, on "Orientation of Research Areas in Unani System of Medicine".
- ✧ Developed an instrumental methodology to identify common chemical markers of *Munzij* and *Mushile Balgham Advia*. The same methodology can be used to develop common markers of other groups of Unani drugs.
- ✧ Standardization and characterization of Unani drugs to minimize adulteration and substitution. E.g., standardized and characterized the Almond gum & Oleo resins of pine. Detected 2 components, Longicycline and Longifolene as reference chemical markers to identify Oleo Resin of Pine.
- ✧ Evaluated the Nutritive value and Mineral elements of *Maush shaer* and its types. Validated the concept of Nutraceuticals in Unani System of Medicine.
- ✧ Validated the *Islah-e-advia* (Detoxification) process mentioned in Unani System of Medicine by comparing the GC-MS finger printings of crude and detoxified fourth degree Unani drugs.

✧ Exploring the pharmacological actions of Unani drugs with evidence-based research studies. Examples: *Tasuddude Urooq*, *Mufattih-i-suddad*; *Mufarrih wa Muqawwi-i-Qalb*; *Muqawwi* and *Muharrik-i-A'sab*; *Munziz* and *Mushile Balgham* actions etc.

✧ Working on Reverse Pharmacology of Unani drugs, under drug discovery.

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**Mobile Number:** 9088653020

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**Date of birth:** 01-06-1975

**Nationality:** Indian

**Religion:** Islam

**Registration certificate number:** 709

**Academic qualification:**

Examination passed	Year of passing	University/Board	Division/percentage
10 <sup>th</sup>	1991	Dawn High School, Hyderabad, A.P	71 % First
10+2 / intermediate	1993	Shri Vani Junior College, Hyderabad, A.P	70% First
BUMS	1999	Govt. Nizamia Tibbi College, Hyderabad, A. P	67 % Only student to get <b>degree in First class</b> (in 5 years of degree course)
M. D (Ilmul Advia)	2003	Govt. Nizamia Tibbi College, Hyderabad, A.P	First
DCA & Urdu software	2007	Deeni Taleem & Sanati Tanzeem, Hyderabad, A.P	First
Ph.D. (Ilmul Advia)	Pre-Ph.D. exam	NIUM, Bangalore, Affiliated to Rajiv	66.7 % First

	2021	Gandhi University of Health Science (RGUHS), Bangalore.	
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### Professional Details

**UG teaching experience:** from 01.05.2003 to 01.06.2004 at Tippu Sultan Unani Medical College, Gulbarga.

**PG teaching and research experience:** from 28-08-2004 to till date, Department of Ilmul Advia, National Institute of Unani Medicine, Bangalore.

### Publication details

1. **Jahan N**, Hasan B, G Sofi, Amin KMY. Wound Healing Activity of Berge Lajwanti (*Mimosa Pudica* Linn) in Animal Model. Unani Medicus- An International journal 2010; 1(1): 49-59.
2. Shabbir Ahmed P, **Jahan N**, Ahmed G. Physico-chemical and phytochemical study of *Ruta graveolens* Linn. Seeds. Unani Medicus- An International journal- Jan-June 2011; 1 (2): 52-57.
3. Wadud A, Iqbal S.M.F, **Jahan N**, G Sofi. Healing property of *Jawarish Tabasheer*, Unani polyherbal formulation in Induced Gastric Ulceration in Rat Models. Unani Research, an official publication of Pharmacog. Net- July-Dec.2011; 1(2): 29-35.
4. Irshad S, Wadud A, **Jahan N**, G Sofi, Ahmad G. Preparation of Kushta Sammulfar (calx of Arsenic) by muffle furnace using the temperature pattern extrapolated from classical method of its preparation as practiced in Unani Medicine. Unani Medicus- An International journal Jan-June 2011,1 (2): 36-39.
5. Shamim I, Wadud A, **Jahan N**, Ghulamuddin S, Ghufran A. Comparative Toxicity Studies of Various Dosage forms of Sammul far in mice. International Journal of Traditional Knowledge 2011; 10 (4): 721-726.
6. Parray SA, Bhat J, Ahmad G, **Jahan N**, Sofi G, Iqbal SMF. Rutagraveolens: from Tradional system of Medicine to modern Pharmacology: an overview. Am. J. PharmTech Res. April 2012, 2(2): 239-252.
7. Parray SA, Bhat J, Iqbal SMF, Ahmad G, **Jahan N**, Rahman M. Concept of Obesity (Samane Muftrat) and its consequences in Greeko-Arab medicine: A Review. Internationale Pharmaceutica Scientia 2012; 2 (1): 1-8.

8. Ansari AP, Wadud A, **Jahan N**, Irshad S, Jabeen U. Standardization of *Kushte Sammul far* (Calx of Arsenic Trioxide) prepared by two different methods. Hippocratic Journal of Unani Medicine 2012; 7(3):133-140.
9. Iqbal SMF, Parray SA, Wadud A, **Jahan N**. Concept of Gastric Ulcer in Unani Medicine - A review. International Journal of Industrial Pharmacy and Biosciences. 2012; 1(1): 133-143.
10. Iqbal SMF, Wadud A, **Jahan N**, Jahan N, Parray SA. Evaluation of anti-ulcer effect of *Jawarish Tabasheer* in rat model. Journal of Research in Unani Medicine 2012; 1(1), 18-22.
11. Ansari AP, Wadud A, **Jahan N**, Nagaraj RB, Irshad S, Iqbal SMF. Evaluation of chronic toxicity of Kushta Sammulfar (calx of Arsenic trioxide). Journal of Xenobiotics 2013; 3(3):14- 23.
12. Irshad S, Wadud A, Ahmed I, Ahmed G, **Jahan N**, Sofi G. Historical perspective evaluation of Calcination. JISHIM (The International Society for the History of Islamic Medicine), Apr-Oct, 2013-14; 12-13(23-26): 59-61.
13. Hussain IMT, Ahmed G, Jahan N, Adiba M, **Jahan N**. Physico Chemical Standardization of TukhmeKarafs (seeds of *Apiumgraveolens* Linn). International Journal of Comprehensive Pharmacy 2013; 6(3): 1-6.
14. Aslam M, Imtiyaz S, Ahmed K, Kauser H, **Jahan N**, Abdullah. Rosa damascene: a flower with medicinal properties. Universal Journal of Pharmacy 2013; 2(4): 15-19
15. Nazamuddin, Wadud A, **Jahan N**, M Alam T, Iqbal NM, Khan MA. Gulnar (Flower of *Punica Granatum* Lin): Precious Medicinal Herb of Unani Medicine- An Overview. International Journal of Current Research & Review 2013; 5(20): 16-21.
16. Adiba M, **Jahan N**, Husain T. Unani Description of Duqu (*Peucedanum grande* C.B Clarke) and its Scientific Report. International Research Journal of Biological sciences 2013; 2(9): 76-79.
17. Adiba M, **Jahan N**, Hussain IMT, Nazmuddin. Evaluation of antithrombotic activity of *duqu* (*peucedanumgrandecbclarke*) in animal model. World Journal of Pharmacy and Pharmaceutical Sciences 2013; 2(5): 3915-3928.
18. Ahmed K, **Jahan N**, Aslam MS, Kauser H, Khalid M, Ali H. Dalak (Massage) in Unani Medicine: A Review. International Journal of Advanced Ayurveda, Yoga, Unani, Siddha and Homeopathy 2014; 3(1): 162-174.

19. Sherwani AMK, Jahan N, Fatima K, Ansari AN, Jahan M. An Interventional Trial to Evaluate Efficacy of Nutool Therapy in Control of Primary Insomnia among elderly using Insomnia Severity Index. *Int J Cur Res Rev*, Oct 2013; 05 (19): 103-109.
20. S Kausar H, **Jahan N**, Ahmed K, Aslam M, Ahmed P, Ahmad S. Unani perspective and Recent Studies of *Sandal Safed (Sanatalum Album Linn.)*: A Review. *World Journal of Pharmacy and Pharmaceutical Sciences*, July 2014; 3(8): 2133-2145.
21. S Kausar H, **Jahan N**, Ahmed K, Bhat T, Aslam M, Sultana N. Sandroos (*Tachylobiumhornemannianum*): A Review. *World Journal of Pharmacy and Pharmaceutical Sciences* July 2014; 3 (8): 364-374.
22. S Kausar H, Ahmed K, **Jahan N**, Shadab M, Zaki M, Banu L. Dieto- herbal Approach of Obesity in Unani System of Medicine- A Review. *World Journal of Pharmaceutical Research*, Sep 2015, 4(9): 2216- 2230.
23. S Kausar H, Ahmed K, **Jahan N**, Aslam M, Ahmad P, Khan HA. Cardiology in Unani Medicine: A Review. *Journal of AYUSH*, Oct/Nov 2015; 4(3): 43-48.
24. Shariff FA, **Jahan N**, Hussain MT, Adiba M. Evaluation of antidepressant Activity and the possible Mechanism of Action of Majoon Najah in Experimental Models. *Hippocratic Journal of Unani Medicine*, Dec 2015; 10(3): 9-23.
25. Mir IA, **Jahan N**, Sofi G. Role of Ilaj- Bit- Tadbeer in Pain Management: a non-Pharmacological Approach *International Journal of Herbal Medicine*, Oct 2016; 4(6): 92-94.
26. Khan MI, **Jahan N**, Amin KMY, Ahmed G. Antidepressant Activity of a Unani formulation Majoon Najah in Animal Models. *Unani Medicus- an International Journal*, 3(1); 2016:17-23.
27. S Kausar H, **Jahan N**, Ahmed K. Evaluation of Antiobesity and hypolipidaemic effect of Sandroos (*Trachylobiumhornemannaianum* Hayne) in Diet Induced Obesity in Rats. *International Journal of Medical & Health Research*, March 2017, 3(3): 13-20.
28. Mir IA and **Jahan N**. Standardization and characterization of Almond gum obtained from *Prunus amygdales var dulcis*. *World Journal of Pharmacy and Pharmaceutical Sciences*, July 2017; 6(8): 1431-1443.
29. Mir IA, **Jahan N**, Sofi G, Mehfooz S, Husain M. Role of Unani System of Medicine in Global Health Care: An Emerging Field Orthopedic & Muscular System: Current Research, November, 2017; 6(4) :1000249

30. Mir IA and **Jahan N**. Standardization and characterization of Oleo Resin of Pine obtained from *Pinus roxburghii* Sarg. American Journal of Pharma tech Research, December 2017; 7(6): 211- 227.
31. Mir IA, **Jahan N** and G. Sofi. Cancer Therapies in Unani System of Medicine: A Ray of Hope to Millions of Sufferers. JISHIM (The International Society for the History of Islamic Medicine), June 2019 ;16-18 (31-36): 103-105.
32. Sherwani AMK, **Jahan N**, Ahmed V, Fatima K, Ansari AN, Jahan M. An interventional trial to evaluate efficacy of Nutool Therapy in control of Primary insomnia among elderly using Structured Insomnia schedule. International Research Journal of Medical Sciences February 2014; 2(2): 1-6.
33. Rahman S, **Jahan N**, Makbul SAA, Ahmad M, Gani MA. Scientific appraisal of Unani concept of *Islah-e- advia* (purification of drugs) and its importance. Journal of Ethno-pharmacology 258 (2020) 11288.
34. Rahman S, **Jahan N**, Klam MA. *Mazaryun (Daphne oleoides schreb.)* an important Unani drug: a review. European Journal of Pharmaceutical and Medical Research 2020,7(7), 381-385.
35. Rahman S and **Jahan N**. Anti-inflammatory activity of crude and detoxified leaves of *Daphne oleoides Schreb.* on carrageenan-induced paw edema in Wistar rats. Elsevier Journal of Ayurveda and Integrative Medicine, Aug 2021; 12 (2021): 500-505.
36. Rahman S and **Jahan N**, Khan MA. *Tadbeer-e-Advia: A Unani Process of Detoxification of Poisonous Drugs- A Review.* Journal of AYUSH: Ayurveda, Yoga, Unani, Siddha and Homeopathy, 2020; 9(2)
37. Rahman S and **Jahan N**, Makbul SAA. Unani Tib main Advia ki Islah wa Tadbeer: Ihtiyat aur Ahmiyat. Tarjumane Tib NIUM. Jan-Dec. 2020; 7(2):25-31.
38. Rahman S and **Jahan N**. Acute Toxicity Study on Crude and Detoxified Leaves of *Mazaryun (Daphne oleoids Schreb.)* on Wistar Female Rats. Ijppr.Human, 2021; 22 (2): 181-189.
39. Nasmeeer MSM and **Jahan N**. Evaluation of Hypoglycemic Activity of Pakkhanbed [*Bergenia ligulata* (wall.)]. International Journal of Creative Research Thoughts. March 2021; 9(3): 1867-1877.
40. Rahman S and **Jahan N**, Asad M. Antipyretic activity of crude and detoxified leaves of *Daphne oleoides Schreb* on Brewer's Yeast induced pyrexia in Wistar rats. International Journal of AYUSH, Oct. 2021; 10(5):93-107.

41. Ahmed K, **Jahan N**, S Kausar H, Irshad S. Cardioprotective Effect of *Sandal wood* (*Santalum album Linn.*): an experimental trial. International Journal of Pharmaceutical Sciences and Research, Aug 2022;13(8): 3304-3317.
42. Nazamuddin M, Wadud A, **Jahan N**. Hypoglycaemic activity of Qurse Tabasheer, a Unani formulation, in chemically induced diabetic rats. International Journal of Green Pharmacy July- Sept 2022; 16 (3): 262- 267.
43. **Jahan N** and Rahman S. A comparative Preliminary Phytochemical analysis and GC-MS finger printing of *Mazaryun* (*Daphne oleoides* Schreb.) before and after detoxification process. Journal of Research in Unani Medicine 11 (1) January-June 2024.

#### **Oral presentation of Research Papers in National and International Conferences/Seminar**

1. Presented a research paper, entitled, “**Validation of concept of *Islahe Advia* (Detoxification): A comparative GC-MS fingerprinting and qualitative phytochemical analysis of *Mazaryun* (*Daphne oleoides* Schreb.) before and after detoxification**”, in 9<sup>th</sup> World Ayurveda Congress & Arogya Mela, held at Kala Academy, Panjim, Goa, from 8-11 Dec 22.
2. Presented a research paper entitled as, “**Evaluation of Antiobesity and Hypolipidaemic effects of a Unani drug in Diet Induced Obesity in Rats**”, in 8<sup>th</sup> World Ayurveda Congress & Arogya Expo, at Gujrat University Convention and Exhibition Centre, Ahmadabad, Gujrat, from 14<sup>th</sup> to 17<sup>th</sup> Dec 2018.
3. Presented a research paper entitled, “**Development of Common Chemical Markers for *Munzije Balgham Advia* used in Unani System of Medicine**”, in 3<sup>rd</sup> One day National Seminar on “Current Regulations on Herbal Drugs & Food Supplements”, held on 16<sup>th</sup> May 2017, organized by Dept. of Pharmacognosy & phytochemistry, School of Pharmaceutical Education & research Jamia Hamdard, New Delhi, India.
4. Presentation a paper entitled: “**Issues, Challenges and Possibilities in the present scenario of Globalization of Unani Medicine- A comprehensive Review**” in International Conference on Unani Medicine, 25-27 Oct 2016, NIUM, Bangalore, India.
5. Presented a paper on **Recent trends in Quality Control of Herbal Drugs**, in a seminar themed, Emerging Trends & Role of Unani Medicine in Global Health Care, conducted by UMA, on the occasion of 2nd World Unani League 2016, from 10<sup>th</sup> - 12<sup>th</sup> Feb. at Hyderabad.
6. Presented a paper entitled “**Concept of Depression in Unani System of Medicine: A Review**” in 2<sup>nd</sup> International Conference on Public Mental Health and Neurosciences,

organized by Sarvasumana Association, from 9-10 Dec. 2015, at Jyoti Navas College Autonomous, at Bangalore, India.

7. Presented a research paper entitled “**Evaluation of Antithrombotic Activity of *Duqu (Peucedenam grande C.B Clerk) in vivo and in vitro model of thrombosis in experimental animals***”, in 6<sup>th</sup> World Ayurveda Congress & AROGYA Mela, from 6- 10<sup>th</sup> Nov. 2014, at Paragati Maidan New Delhi, India.
8. Presented a paper entitled “**The role of HPLC in Quality Control of Herbal Medicine**”, in National Seminar of DRS-1 Dept. of Ilmul Advia on “Scope of Emerging Technologies in Unani Medicine”, in Faculty of Unani Medicine, AMU, Aligarh, on 23<sup>rd</sup> March 2013.
9. Presented a research paper entitled “**Studies on *Majoon Najah* to evaluate its Antidepressant activity in experimental animals**”, in 5<sup>th</sup> World Ayurveda Congress & AROGYA Mela, from 7- 10<sup>th</sup> Dec. 2012, at Bhopal, India.
10. Presented a research paper entitled “**Evaluation of Antidepressant activity of *Majoone Najah* in animal model**”, in UNICON 2010, International Conference of Integrative Medicine 1<sup>st</sup> SAARC Conference on Unani Medicine, from 2<sup>nd</sup> – 4<sup>th</sup> Feb. 2011, at AMU, Aligarh, India.
11. Presented a paper entitled “**Instrumental Methods in Quality Assurance of Crude Drugs**”, in HERBOSOM 2010, National Seminar on “Quality Assurance of Unani Drugs”, on March 11<sup>th</sup> - 12<sup>th</sup> 2010, organized by Govt. NTC, Hyderabad, A.P, India.
12. Poster presentation of research paper “**Clinical Evaluation of Wound Healing property of *Babool ki Chal (Acacia arabica bark)* in the topical treatment of Burns**”, in 38<sup>th</sup> Annual Conference of Indian Pharmacological Society (IPS), organized by Madras Medical College, Chennai, from Dec 28<sup>th</sup> – 30<sup>th</sup> Dec 05.
13. Presented a paper entitled “**Medicinal Value of *Acacia arabica***”, in All India Unani Tibbi Conference XVIII General Session and National Seminar on Unani Medicine, from 29<sup>th</sup> June -31<sup>st</sup> July 05, at Hyderabad, India.

#### **Guest Speaker/ Motivational talk**

1. Delivered a Motivational talk, on the theme “**Orientation of Research Areas in Unani System of Medicine**”, in the PG orientation program, organized by the State Govt. Unani Medical College, Bangalore, on 29th May 2023.
2. Delivered a Motivational talk, on the theme “**Orientation of Research Areas in Unani System of Medicine**”, in the PG orientation program, organized by the National Institute of Unani Medicine, Bangalore, on 28th April 2023.
3. Delivered a Motivational talk on “**Hidden strength and future potential of the Unani System of Medicine**” in the 15 days Transitional curriculum/Induction



Programme for 1st - BUMS, session 2022- 23, organized by Govt. Tibbi College and Hospital Patna Bihar, on 10th April 2023.

4. Delivered an extensive lecture on “**Standardization of Unani Drugs**”, in Govt. Nizamia Tibbi college, Hyderabad, 20<sup>th</sup> Sept. 2021.
5. Delivered a guest lecture, “**Simne mufrat: correlation with contemporary concept of Obesity**”, in an International Conference-19, on “1<sup>st</sup> World History of Unani Medicine”, organized by Ashraf Memorial Society, Hyderabad, from 28-30 Nov. 2019.
6. Delivered a guest lecture, on “**Instrumental Analysis: A Rational Approach to Validate Unani Medicine as an Evidence-based science in NCDs**”, in National Seminar, on “Prevention and Control of Non-Communicable Diseases”, at NIUM, Bangalore, from 16-17 Dec. 2019.
7. Delivered a **guest lecture** on “**Recent Trends in Quality Control of Herbal Drugs**”, in National Seminar-2<sup>nd</sup> World Unani league on 148<sup>th</sup> birth anniversary of Hakeem Ajmal Khan, organized by Unani Medical Association held on 10-12<sup>th</sup> Feb. 2016 at Hyderabad, A.P, India.
8. Delivered a lecture on the topic “**The Role of Spectroscopy in Quality Control of Herbal Medicine**”, on 18<sup>th</sup> Dec. 2014 in CME sponsored by Ministry of AYUSH, GOI conducted by the Dept of Ilmul Advia from 15<sup>th</sup> Dec to 20<sup>th</sup> Dec 2014, at NIUM, B’lore, India.
9. Delivered a lecture on the topic “**Stability Study – the Shelf Life of Herbal drugs**”, on 30<sup>th</sup> May 2011 in Re-orientation training programme for Teachers in Ilmul Saidla, conducted by Dept. of Ilmul Advia, at Govt. Nizamia Tibbi College, Hyderabad, AP, India.

**Seminar/ Conference / Workshop/ CME/Training Program/ToT**  
(Attended: more than 50)

1. Attended, “One day Seminar on Unani Day Celebration-2024”, on 27th Feb. 2024, organized by NIUM, Bangalore.
2. Attended a National conference on “**Scientific writing for Unani Teachers**”, on 20<sup>th</sup> and 21<sup>st</sup> Sept.2023, sponsored by Ministry of AYUSH, Govt. Of India, organized by Dept. of Tahaffuzi wa Samaji Tib, NIUM, Bangalore.
3. Attended one day interdisciplinary CME in collaboration with Millan Fertility and Birthing Hospital on “**Advances in Infertility Management and IVF speciality care**”, on 8<sup>th</sup> Feb. 2023, at NIUM, Bangalore.
4. Attended 9<sup>th</sup> World Ayurveda Congress & Arogya Mela, held at Kala Academy, Panjim, Goa, from 8-11 Dec 22.
5. Attended National webinar on “**Modification and recent advancement in Unani**

- dosage forms**”, on 29<sup>th</sup> June 2022 organized by Dept. of Ilmul Saidla, NIUM, B’lore.
6. Attended National webinar on **“Innovative Approach of Research in Ilmul Advia”**, on 25<sup>th</sup> June 2022, organized by Dept. of Ilmul Advia, NIUM, Bangalore.
  7. Deputed to attend AYUSH sponsored CME on **“Identification of Medicinal and Herbal plants using DNA-Based Barcode Analysis”** conducted at CSIR-Centre for Cellular and Molecular Biology, Hyderabad, from 4-9 April 2022 under CSIR-Integrated Skill Initiative.
  8. Attended Webinar on Assessment Methodology for the Unani Yoga and Naturopathy faculty held on 17-02-2022, organized by RGUHS Academic and Administrative Training institute (RAATI).
  9. Participated in the live National Webinar on **Unani System of Medicine for Public Health** on 12<sup>th</sup> Feb. 2022, organized by A & U Tibbia College & Hospital, Govt. of NCT of Delhi Karol Bagh, New Delhi.
  10. Attended CME on **Data Analysis using IBM-SPSS Software**, Hands-on training using IBM SPSS software, on Jan 24<sup>th</sup> and 25<sup>th</sup> 2022, organized by NIUM, Bangalore.
  11. Attended, a **Regulatory Training Programme for AYUSH Drug regulators**, Industry personnel and other Stakeholders, on 6<sup>th</sup> & 7<sup>th</sup> Jan 2022, organized by Ministry of AYUSH, GOI, hosted by NIUM, Bangalore.
  12. Attended webinar on Covid-19 Pandemic experiences and lessons, **Management of COVID-19 Cases: Experience Sharing**, held on 17<sup>th</sup> December 2021, organized by CCRUM, Ministry of AYUSH, Govt. Of India.
  13. Attended a Webinar on **Taking Care of Mental Health During and After COVID-19**, held on 20<sup>th</sup> December 2021, organized by CCRUM, Ministry of AYUSH, Govt. Of India.
  14. Attended a Webinar on **Post-COVID Complications and Care** held on 21<sup>st</sup> December 2021, organized by CCRUM, Ministry of AYUSH, Govt. Of India.
  15. Attended **AYUSH faculty training program** on 2<sup>nd</sup> -7<sup>th</sup> May 2021 organized by RGUHS, Bangalore.
  16. National Webinar on **Research Publications in SCI and Scopus Indexed Journals** held on 08<sup>th</sup> December 2020, organized by College of Community and Applied Sciences Maharana Pratap University of Agriculture and Technology Udaipur-313 001 (Rajasthan).
  17. One day workshop on **“Medical Astrology, An Integral Part of Prevention, Diagnosis and Therapeutics of Diseases”**, organized by Institute of of Indian knowledge (IIK) of Apex Professional University, Pasighat, Arunachal Pradesh, in collaboration with NIUM, MoAYUSH, GoI, Bangalore, on 8<sup>th</sup> January 2020.
  18. CME cum Awareness Programme on **Pharmacovigilance of ASU & H Drugs**, on 08-

- 12-2020, Organised by Peripheral Pharmacovigilance Centre Ajmal Khan Tibbiya College AMU Aligarh.
19. Two days CME on **“Pharmacovigilance” of Unani Drugs**, from 15-16 Jan. 2019, organized by IPvCC for Unani Drugs, NIUM, Bangalore.
  20. Participated in One day Seminar on **“Unani Medicine for Public Health”**, at NIUM, held on 14<sup>th</sup> Feb. 2019.
  21. Attended and participated in the **8<sup>th</sup> World Ayurveda Congress & Arogya Mela**, held at Gujrat University Convention & Exhibition Centre, Ahmedabad, from 14-17 December 2018.
  22. Attended a **workshop on “Editors Meet Reviewers- Capacity Building workshop for journal Reviewers”**, on 16<sup>th</sup> Dec. 2018, in 8th WAC.
  23. Deputed to attend **“Training of Teachers program”**, as per the order of secretary CCIM, on 22<sup>nd</sup> -23<sup>rd</sup> Feb 2018, at Sri Kalabyraveswara Swamy Ayurvedic Medical College, Bengaluru.
  24. The 3<sup>rd</sup> one day National Seminar on **‘Current Regulations on Herbal Drugs & Food Supplements’**, held on 16th May 2017, organized by Dept. of Pharmacognosy & Phytochemistry, School of Pharmaceutical Education & Research, Jamia Hamdard, New Delhi.
  25. Participated in Six days CME programme in Ilmu Advia for **Teachers of Unani Medical Colleges**, held on 13<sup>th</sup> - 18<sup>th</sup> Nov. 2017, organized by NIUM, Ministry of AYUSH, Govt. of India.
  26. Attended a **training programme on “Research Methodology, Data Management & Biostatistics using Web based Statistical Software”** on 20<sup>th</sup> & 21<sup>st</sup> August 2016, at ChanRe Health Care and Research Centre Pvt. Ltd., Bengaluru.
  27. Attended the 6<sup>th</sup> World Ayurveda Conference 7-9<sup>th</sup> Nov. 2014 at Pragati Maidan, New Delhi.
  28. Attended a workshop on **Communication skill including teaching, presentation and emotional quotient skills**, in pre-conference workshop of 6<sup>th</sup> World Ayurveda Conference 7-9<sup>th</sup> Nov. 2014 at Delhi.
  29. Attended a Workshop on **“Scientific Medical Writing”** at ChanRe & IC & R, at ChanRe Diagnostic Laboratory, B’lore on 11<sup>th</sup> May 2014.
  30. Attended Workshop on **“Recent Developments in Unani Dawasazi”**, from 3<sup>rd</sup> & 4<sup>th</sup> March 2014, organized by Dept. of Saidla, NIUM, Bangalore.
  31. Attended Workshop on **“Research Methodology in Unani Medicine”**, from 15<sup>th</sup> & 16<sup>th</sup> February 2014, organized by Dept. of Maolejat, NIUM, Bangalore.
  32. Attended a pre-conference workshop on **“Advances in Preclinical Research”** on the

eve of 46<sup>th</sup> Annual Conference of Indian Pharmacological Society at Vydehi Institute of Medical Sciences, Bangalore on 15<sup>th</sup> Dec. 2013.

33. Attended and participated in 5<sup>th</sup> World Ayurveda Conference 5-6<sup>th</sup> Dec.2012, at Bhopal.
34. Training programme on **“Quality Assurance”** from 5<sup>th</sup> – 6<sup>th</sup> Dec.2012, in pre-conference workshop of 5<sup>th</sup> World Ayurveda Conference 5-6<sup>th</sup> Dec.2012, at Bhopal.
35. Attended Training Programme on **Research Methodology, Data Management and Bio statistics using web based Statistical Software**, on 09 & 10<sup>th</sup> Dec.2011, at National Institute of Animal Nutrition & physiology (NIANP), Bangalore.
36. Deputed to attend **“Training of Hearing Committee and Visiting Committee for Education Policy Division”**, at Dept. of AYUSH, on 31<sup>st</sup> May 2011, New Delhi.
37. Attended a two days **training on HPLC**, in Oct. 2010, in the Dept. of Ilmu Advia, at NIUM B’lore.
38. Attended a **“Faculty Development Programme “level II work shop on Medical Education Technology and Research Methodology”** at Gandhi Medical College, Secunderabad, Hyderabad, A.P, from 29<sup>th</sup> June - 1<sup>st</sup> July 2009.
39. Attended a workshop on **“Research Methodology and Scientific Writing”**, at Al-Ameen College of Pharmacy, on 13<sup>th</sup> – 14<sup>th</sup> Dec.08.
40. Attended a workshop on **“Research Methodology”** held on 24<sup>th</sup> - 25<sup>th</sup> Nov.07 and 8<sup>th</sup> - 9<sup>th</sup> Dec.07, at NIMHANS, Bangalore.
41. Attended a Training cum Workshop on **“Essential Oil, Perfumery and Aromatherapy”**, from 28<sup>th</sup> - 30<sup>th</sup> June 07, at Capital Hotel, Bangalore.
42. Workshop on **“Diagnosis and Management of Liver Diseases in Unani Medicine”**, from 30<sup>th</sup> – 31<sup>st</sup> March 07, at NIUM, Bangalore.
43. Attended one day Seminar on **“Stability Studies”** organized by Thermolab scientific Equipment Pvt. Ltd., Mumbai, on 03-02-2007.
44. Attended the CME Programme on **“Law and Doctors”**, at Shifa Institute of Postgraduate Medical Sciences, Bangalore.
45. Attended **“Horticulture Training Programme”**, at Lalbagh, Bangalore.
46. Attended and presented a poster in 38<sup>th</sup> annual Conference of Indian Pharmacological Society, Chennai, from 28 - 30<sup>th</sup> 2005.
47. Deputed to attend **“Training of Trainers workshop for Unani Teachers in Education Science and Technology”**, from 24<sup>th</sup> – 26<sup>th</sup> Nov.05 at Govt. Unani Medical College, Bangalore.

48. **Attended and participated in Reorientation Training Programme of Ilmu Advia.** from 26<sup>th</sup> to 31<sup>st</sup> March 2008, at NIUM, Bangalore.

49. **Attended and participated in 3 Reorientation Training Programme of Ilmu Advia** from 8<sup>th</sup> to 13<sup>th</sup> November 2008, at NIUM, Bangalore.

50. **Attended and participated in 3 Reorientation Training Programme of Ilmu Saidla.** From 26<sup>th</sup> to 31<sup>st</sup> July 2010, at Govt. Nizamia Tibbi College.

#### **Deputed to AROGYA MELAs'**

1. in the 4<sup>th</sup> World Ayurveda Conference in Dec.2010, at Bangalore.
2. in the 5<sup>th</sup> World Ayurveda Conference from 7-10<sup>th</sup> Dec.2012, at Bhopal.
3. in the 6<sup>th</sup> World Ayurveda Congress, at Paragati Maidan, from 6-9<sup>th</sup> Nov 2014.New Delhi.
4. the National Arogya Fair, at Bangalore from 21<sup>st</sup> - 24<sup>th</sup> Jan 2015.
5. in the 8<sup>th</sup> World Ayurveda Congress & Arogya Expo, at Gujrat University Convention and Exhibition Centre, Ahmadabad, Gujrat, from 14<sup>th</sup> to 17<sup>th</sup> Dec 2018.
6. in the 9<sup>th</sup> World Ayurveda Congress & Arogya Mela, held at Kala Academy, Panjim, Goa, from 8-11 Dec 22.

#### **Books and Chapters Published**

##### Books Published

1. **Text Book of Standardization:** ISBN 978-81-921870-8-2, Bookware Publishers, 2013.
2. **A manual of instruments used in Unani Pharmacy:** ISBN 978-81-921870-0-6, Bookware Publishers, in 2011

##### Chapters Published:

1. **Black cumin oleoresin:** Characterization, Properties and Economic Importance

{(7<sup>th</sup> Chapter in a Handbook of Oleoresins Extraction, Characterization, and Applications, 1st edition, Dec. 21) CRC Press 456 pages 54 B/W Illustration EISBN:1003186203, EISBN-13:9781003186205}

2. ***Asgand (Withania somnifera Dunal) in Unani System of Medicine***

(Jan. 2024) **Communicated** to KSCSTE-Kerala Forest Research Institute, Kerala, to publish in a "Comprehensive book on Ashwagandha".

#### **Supervised to MD Thesis (Topic and PG)- Submitted till date**

Supervised = 29 PG scholars, submitted ...29... research proposals and... 22...theses to Rajiv Gandhi University of Health Sciences.

Sl. No.	Name of the P.G scholar	Topic
1.	Badrul Hasan (2005)	Wound Healing Activity of Berge Lajwanti ( <i>Mimosa Pudica</i> Linn) in Animal Model
2.	Amina Ather (2005)	A Clinical Study on the effect of <i>Kafoor</i> ( <i>Cinnamomum camphora</i> ) in Dysmenorrhea.
3.	Imran Khan (2006)	Evaluation of anti-depressant activity of Majoon Najah in experimental animals
4.	Shamim Irshad (2007)	Temperature Standardization and Comparative Toxicity Study of Kushta Sammulfar Prepared by Different Methods.
5.	Shabbir Ahmed Parray (2007)	An experimental study of tukhme suddab (seeds of <i>Ruta graveolens</i> Linn.) to Evaluate its efficacy in diet induced Hyperlipidemia and Atherosclerosis
6.	S. M. Faisal Iqbal (2007)	Healing property of Jawarish Tabasheer, Unani polyherbal formulation in Induced Gastric Ulceration in Rat Models,
7.	Fiayaz Ahmed (2008)	Studies on Majoon Najah to evalvates its antidepressant activity in experimental animal
8.	MMM Nasmeeer (2009)	Evaluation of hypoglycemic activity of Pakhanbed [ <i>Bergenia ligulata</i> (Wall.) Engl.] in experimentally induced diabetes in animal model
9.	Ather Parvez (2009)	Studies on Kushta Sammul far with reference to its physicochemical Standardization and Toxicity study
10.	Meher Adiba (2010)	Study of Duqu ( <i>Peucedanum grande</i> C.B.Clarke) for its effect in <i>Tasaddude Urooq</i> (vascular thrombosis)
11.	Nazmuddin (2010)	Evaluation of hypoglycemic activity of <i>Qurs Tabasheer</i> in experimentally induced diabetes in animal model
12.	Heena (2011)	Evaluation of Antiobesity effect of Sandroos in diet induced obesity in rats
13.	Kamaal (2011)	Cardioprotective effect of <i>Sandal safed</i> ( <i>Santalum album</i> Linn.), against Isoproterenol induced Myocardial Infarction in rats.
14.	Nazia Sultana (2012)	Evaluation of Antihyperlipidemic effect of <i>Jawarish Falafili</i> in diet induced Hyperlipidemia in rats.
15.	Parvej Ahmed (2013)	Development of common chemical markers for <i>Munzij-e-Balgham Advia</i> (antiphlegmatic / Concoctive Drugs) of Unani System of Medicine.
16.	Imtiyaz Ahmad Mir (2014)	Scientific evaluation of some gums & resins used in Unani system of medicine with reference to standardization
17.	Ijhar Ahmad (2015)	Development of common chemical markers for <i>Mushile Balgham Advia</i> used in Unani System of Medicine.

18.	Inun Nihara (2016)	Study of Nutritive value and Mineral elements of <i>Maush shaeer</i>
19.	Sayeedur Rehman (2017)	Detoxification and Pharmacological Evaluation of a Unani Drug
20.	Mohammed Shakeeb Fahad (2019)	Evaluation of Deobstruent and Antioxidant activities of <i>Safoof Daroonaj</i> with special reference to its Cardio protective effect
21.	Shaik Mohd Sufiyan (2020-21)	Detoxification and phytochemical analysis of crude and detoxified <i>Ajwain khuransani</i>
22.	Sayma Anjum (2020-21)	Exploration of Unani concept of <i>Muqqwwi</i> and <i>Muharrik-i- A'sab</i> drugs and their suitable screening methods

**Thesis under supervision (Topic and PG)- Ongoing = 07**

1.	Asma Sultana (2021-22)	Evaluation of acute toxicity and anti-inflammatory activity of a polyherbal formulation
2.	Ansari Iqra Bano  Naseem Ahmad (2023)	Evaluation of Acute Dermal Toxicity and Hair Growth Inhibitory Activity of <i>Ajwain Khurasani (Hyoscyamus niger Linn.)</i>
3.	Saima Bano (2023)	Exploration of concept of <i>Mulattif</i> action of Unani drugs and development of their common chemical marker
4.	Tamanna Perveen  Mohd. Yunus Khan (2023)	Evaluation of vasodilatory effect of <i>Safoof e Daroonaj</i> on isolated rat aorta
5.	Sabiha Naaz (2023-2024)	Evaluation of Acute Dermal Toxicity and Hair Growth promoting activity of Roughan Baiza-e-Murgh (egg yolk oil) in an animal model of Testosterone- induced hair loss
6.	Khan Sadaf Mohd. Ashfaq (2023- 2024)	Exploration of Unani concept of <i>Munzif wa Mushil-e- Sauda</i> drugs with special reference to <i>Sartan</i> (Cancer) treatment.
7.	Arhama (2023- 2024)	Evaluation of efficacy of <i>Majoon Yahya bin Khalid</i> in the animal model of Rheumatoid Arthritis.