

AWARDS AND ACHIEVEMENTS:

Awards in recognition

1. **STE Meritorious Award, 2022 for Excellence in Research & Academics**, by STE at EWASH 2022 on 12-13th January 2023 at Delhi University, New Delhi.
2. **SPECIAL RECOGNITION AWARD: 2020-SFEC 2020** by SFE India at Jamia Hamdard, New Delhi
3. **SFE Best Local Chapter Coordinator Award 2018** by Society for Ethnopharmacologist at 6th Congress of Society for Ethnopharmacology held at Manipal, MAHE in Feb 2019.
4. **INSA bilateral Exchange fellowship, INSA, Delhi, 2018**
5. **Young Ethnopharmacologist Award 2017**: by Society for Ethnopharmacologist at 4th Congress of Ethnopharmacology held at Surat on 23rd – 26th Feb 2017.
6. **UGC-RESEARCH AWARD 2016 (UGC Govt of India, MHRD) includes two years full salary, allowances and contingency grants for research work**
7. **Career Award for Young Teachers (CAYT), AICTE- Career Award, 2009 – 2010**, carrying Rs 10.5 lacks for office computer software, national and international travel grant for three years.
8. **Better Opportunities for Young Scientists in Chosen Areas of Science and Technology (BOYSCAST) Award, 2009-2010**, by DST, for six months to carry out research at Albert Einstein College of Medicine, New York, USA on Anti-HIV medicinal plants.
9. **Young Scientist Award- 2009**, from Council for Science and Technology, Uttar Pradesh (CST-UP), carrying rupees 25,000 cash with a memento, citation and shawl.
10. **DST Fast Track Young Scientist Award 2007**, carries a grant for research with salary of research fellow

AWARDS FOR BEST PUBLICATIONS/ PRESENTATIONS

1. Best Poster award in **IASTAM 2022 CONCLAVE** (IASTAM 2020) July 29-30, 2022 at HAH, Jamia Hamdard, New Delhi
2. Best Poster award in **8th International Congress of Society for Ethnopharmacology (SFEC 2021)** August 27-29, 2020 at Pune, MH, India
3. **3rd Best Poster award in David J Slatkin Symposium by American Society of Pharmacognosy at Chicago State University, Chicago, USA, October 19th, 2020.**
4. Best Poster award in **7th International Congress of Society for Ethnopharmacology (SFEC 2020)** February 15-17, 2020 at Jamia Hamdard, New Delhi
5. Best Oral Presentation Award at **1st International Conference on Globalization of Traditional Medicine 2018**, Mae Fah Luang University, Chiang Rai, Thailand, 6-7 th Dec 2018
6. **Best Oral Award “PK Debnath Memorial SFE young Ethnopharmacologist” (SFE 2018, Dhaka, Bangladesh)**
7. **Best Poster Award** in International Conference for poster in **18th International Congress-International Society for Ethnopharmacology & 5th International Congress-Society for Ethnopharmacology**, India, Dhaka University, Dhaka, Bangladesh, January 13-15, 2018.”

8. **Prof. M. L. Khorana IJPS Award 2016** for best publication in IJPS given at IPC 2016 in Vishakhapatnam
9. **Al Ameen College of Pharmacy Award 2016** for article entitled "RAPD Based Assessment of Genetic Diversity of *Adhatoda vasica* Leaves from Different Sub- Continents of India" published in vol 49/Issue 3/July-Sep-2015, in ijper (Indian Journal of Pharmaceutical Education and Research-2015), presented during the **21st APTI Annual National Convention-2016 to be held during 14th -16th Oct'2016 at Manipal University, Manipal, Karnataka, India.**
10. **Best paper Award** at 10th International Symposium on Chromatography of Natural Products (ISCP 2016) that was held in Lublin, Poland between 6 and 9 June 2016 given by Elsevier (Phytochemistry and Phytochemistry letters) for the poster entitled "GC-MS metabolomics and anti-diabetic potential of aqueous extract of *Moringa oleifera*"
11. **Dr. P.D. Sethi Memorial Award 2015 (First Prize)** for publication: "HPTLC Analysis of Bioactivity Guided Anticancer Enriched Fraction of Hydroalcoholic Extract of Picrorhiza kurroa, BioMed Research International, Volume 2015, Article ID 513875,
12. **Al Ameen College of Pharmacy Award 2014** for the best paper in Pharmacognosy section of IJPER 2014 publications:
13. **PD Sethi Best Paper Award on HPTLC for year 2013 for the manuscript** "Chester K, Tamboli ET, Parveen R, **Ahmad S.** (2013) Genetic and metabolic diversity in stevia rebaudiana using RAPD and HPTLC analysis. *Pharm Biol*, 51(6):771-7, given by Anchrom Mumbai with Rs 10000 cash and certificate.

CHAIRPERSON

1. Chaired Scientific Session at 5th UDMA Day Conference held at Jamia Millia Islamia during 14th – 16th October 2022.
2. Chaired Scientific Session during 9th International Conference of Society for Ethnopharmacology 2022, 22-24 April 2022, held at JSS Mysuru, Karnataka, India.
3. Chaired Scientific Session during 8th International Conference of Ethnopharmacology Sciences 2021, February 05-07, 2021, Pune, India.
4. Chaired Scientific Session during International Conference of Cardiovascular Sciences 2020, February 21-23, 2020
5. Chaired Scientific session in the 5th Convention of Society for Ethnopharmacology, India and National Symposium on "Promotion & development of Indian Medicinal Plants" special reference with Brahmi (*Bacopa monnieri*), organized by School of Natural Product Studies, Jadavpur University in association with Society for Ethnopharmacology, India (SFE-India) during September 7-8, 2018 at Jadavpur University, Kolkata.
6. Chaired, Scientific Session in the ISE-SFE Congress 2018 during January 13-15, 2018 at Dhaka, Bangladesh on "Ethnopharmacology & Drug Development: Innovation meets Tradition
7. Poster Evaluator in APTICON 2016 held at Manipal during 14 and 16 Oct 2016.
8. **Chairperson**, Scientific Session, International conference on "Nurturing Global Healthcare" at Amity University, Noida UP on March 11-12, 2016
9. **Key note speaker** in International conference on "Exploring opportunities and future avenues in Pharmaceutical Sciences" held at Azad Technical Campus, Lucknow on 23-25th February 2016

10. **Co-Chairman**, Scientific Session of “Second one-day national symposium on New Horizons in drug discovery & development-2nd organized by Department of Pharmaceutical Chemistry, Jamia Hamdard in Collaboration with IPA Delhi branch on 16th November 2015
11. **Chaired Scientific session** (Pharmacognosy and Herbal drug standardization) in Indian Pharmaceutical Congress (65th **IPC**), 2013, 20th – 22nd Dec, Amity University, Noida
12. **Co-Chairman**, Pharmacognosy and Herbal drugs section of India Pharma Convention, held at DIPSAR, New Delhi on 12th February 2012 by UDF and IHPA
13. **Chairperson**, Pharmacognosy and Herbal drug section of poster presentation on January 28th – 29th 2012 at Fourth National Conference on Biotechnology and Pharma Industry, Organised by SBS college of Pharmacy, Patti, Amritsar, Punjab organized by PTU and DBT
14. **Chaired Scientific Session** (Pharmacognosy) in 26th Annual conference Indian Pharmacy Graduate Association (**IPGA**), 2011, 2nd April, 2011, at Air Force Auditorium, Subrato Park New Delhi.
15. **Co-Chairman (Member LOC)**, Volunteer Service Committee, 26th Annual conference Indian Pharmacy Graduate Association (**IPGA**), 2011, 2nd April, 2011, at Air Force Auditorium, Subrato Park New Delhi.
16. **Co-Chairman (Member LOC)**, Volunteer Service Committee, Indian Congress of Pharmacy & Pharmaceutical Sciences (ICPPS) and Indian Pharmaceutical Association (**IPA**) Convention 2009, March 14-15, DIPSAR, Delhi.
17. **Co-Chairman (Member LOC)**, Volunteer Service Committee, Indian Pharmaceutical Congress (**IPC**), 2008, December, Delhi.
18. **Chaired Scientific session** (Pharmacognosy and Herbal drug standardization) in Indian Pharmaceutical Congress (**IPC**), 2008, December, Delhi
19. **Chaired a Scientific Session** in an International conference on Unani Medicine held in October, 2007 at Jamia Hamdard, New Delhi.

EDITORIAL

1. **Academic Editor:** Journal of Food Quality, ECAM, BioMed Res Int Bentham Science
2. **Editor:** Journal of Planar Chromatography and Modern TLC, Springer
3. **Guest Editor:** Frontiers in Pharmacology (Ethnopharmacology and Metabolomics special issue), 2020
4. **Associate Editor:** Frontiers in Pharmacology (Ethnopharmacology), 2019 onward
5. **Special Editor:** J AOAC International for section on Analysis of Unani Medicine, 2020
6. **Member Editorial Board:** Journal of Phytochemistry and Biochemistry
7. **Member Editorial Board:** Current Clinical Pharmacology, Bentham,
8. **Guest Editor:** Journal of Pharmacy and Bioallied Sciences (Special issue on Herbal Drugs and Botanicals, Dec-2015)
9. **Associate Editor:** Journal of Natural Remedies, Since 2015

10. **Editor (Associate), Annals of Phytomedicine: An International Journal**, an open access journal published Ukaaz Publications, Hyderabad, India ISSN 2278-9839, Bi-annual since January 2012.
11. **Associate Editor:** Journal of Medicinal Plant Research, Since 2009
12. **Member Editorial Board (Associate Editor), Journal of Medicinal Plant Research**, Academic Journals, P O BOX 5170-00200 Nairobi, Victoria Island, Nigeria, Lagos, 73023, ISSN 1996-0875, (ISI Indexed; IF 0.590) SCIE, <http://www.academicjournals.org/JMPR>

SEMINARS/ WORKSHOPS ORGANIZED

1. **Organizing Secretary**, Two Days International IASTAM 2022 CONCLAVE (IASTAM 2022) on “Multi-Targeted Therapeutics in Unani and Ayurvedic Medicine & Food Supplement” on July 29-30, 2022 at Jamia Hamdard, New Delhi with 1200 delegates, > 100 speakers in four parallel session, > 300 abstracts.
2. **Organizing Secretary**, Three Days National Workshop of Centre of Excellence in Unani Medicine on “COMPETENCY DEVELOPMENT OF AYUSH PROFESSIONALS” Sponsored by AYURSWAS THYA YOJANA SCHEME (S-12013/2/2021-SCHEME) Ministry of AYUSH, Govt of India, July 27-29, 2022 at SPER, Jamia Hamdard, New Delhi with approx. 200 delegates.
3. **Organizing Secretary**, Three Days 7th International Congress of Society for Ethnopharmacology (SFEC 2020) on 15-17th Feb 2020 at SPER, Jamia Hamdard, New Delhi with 2100 delegates, > 200 speakers in six parallel session, > 900 abstracts, from 45 countries.
4. **Organizing Secretary**, One Day Workshop on “GCMS Metabolomics and HPTLC in collaboration with Agilent Technologies and Anchrom on 14th Feb 2020 at SPER, Jamia Hamdard, New Delhi
5. **Organizing Secretary**, One Day Workshop on “GCMS Metabolomics” in collaboration with Agilent Technologies on 17th May 2017 at SPER, Jamia Hamdard, New Delhi
6. **Organizing Secretary**, 3rd One-day National Seminar on “Current regulations on herbal drugs and food supplements (HDFS 2017), 16th May 2017, Jamia Hamdard, New Delhi in collaboration with Society for new age herbals (Participants > 750 Scientists).
7. **Organizing Secretary**, UGC-SAP sponsored National Seminar on “Regulatory and quality aspects of herbal drugs and botanicals”, 1st February 2014, Jamia Hamdard, New Delhi (Participants > 450 Scientists).
8. **Organizing Secretary**, UGC-SAP sponsored National Seminar on Role of GCMS, Flash chromatography and HPTLC in botanical Drug Development, 17th January 2011, Jamia Hamdard, New Delhi (Participants > 400 Scientists).

MEMBER, EXECUTIVE / NATIONAL COMMITTEES

1. Nominated as Member Expert of Phytopharmaceuticals in Indian Pharmacopeial Commission 2022.
2. Elected Member of Scientific Boards of HPTLC Association & Journal of Planar Chromatography & Modern TLC.
3. Nominated Member of Unani Pharmacopeial sub-committee, Ministry of AYUSH, Govt of India
4. Elected Board Member of International Society of Ethnopharmacology since 2020 onward

5. Nominated as Honorary Expert Member (Pharmacognosy) United States Pharmacopoeial Committee (USP) for 3 years member of USP's Botanical South Asia Expert Panel of USP Botanical Dietary Supplements and Herbal Medicines Expert Committee for botanical monograph development for dietary supplements and herbal medicines using traditional South Asian plants.
6. Nominated as Honorary Expert Member Second term (Pharmacognosy) National Unani Pharmacopoeial Committee (UPC) for 3 years from Pharmacopoeia Commission for Indian Medicine and Homeopathy (PCIM & H), Ministry of AYUSH, Govt of India (PCIM/6-21/Tech/Committees/ 2017-17/36-51, dated May 2020)
7. Member AYUSH Pharmacopoeia core committee on Harmonization of AYUSH Pharmacopoeias, Ministry of AYUSH, Govt of India
8. Nominated as Honorary Expert Member (Pharmacognosy) Task Force Unani Pharmacopoeial Committee (UPC) from CCRUM, Ministry of AYUSH, Govt of India (320(C)/ 2016/ CCRUM/Tech, dated 26th July 2017)
9. Nominated as Honorary Expert Member (Pharmacognosy) National Unani Pharmacopoeial Committee (UPC) for 3 years from Pharmacopoeia Commission for Indian Medicine and Homeopathy (PCIM & H), Ministry of AYUSH, Govt of India (PCIM/6-21/Tech/Committees/ 2017-17/36-51, dated 17th April 2017)
10. President (Delhi Chapter), Society for Ethnopharmacology (Feb 2017 – onward)
11. Vice President, Society for new Age Herbals (2016 –onward)
12. Nominated as External Member of BOS for Institute of Applied Sciences, Mangalayatan University, Aligarh UP (May 2016)
13. Nominated as Honoray Visiting Faculty Institute of Applied Sciences, Mangalayatan University, Aligarh UP (May 2016)
14. Nominated as Member brain storming session for revisiting National Formulary of Unani Medicine and Unani Pharmacopoeia of India (29th July 2015)
15. **Member, Executive Committee** (EC), Indian Pharmaceutical Association (IPA), Delhi Branch. (2012 – 2014)
16. **Member, Executive Committee** (EC) of Association of Pharmaceutical Teachers of India (**APTI**) (2010 – 2016)
17. Selected as **Inspector and subject expert in UPTU** for evaluation of Pharmacy Colleges, May, 2008.
18. Member National Unani Pharmacopoeial Sub Committee

OTHERS

19. **Travel grant from CCRUM – AYUSH** for attending WHAT medicine conference at Putra World Trade Centre, Kuala Lumpur, Malasiya, 19th – 22nd June 2009.
20. Invited as **Subject Expert** for evaluation of **ICMR fellowship projects**, in Pharmacognosy and Natural Products, May, 2009.
21. **Young Scientist Travel Grant 100% FROM AICTE**, -2007 for attending **FIP-2007** (August).
22. **Young scientist** support from **DST** for attending International Conferences 2007.

23. **Best paper award** in Indian Pharmaceutical congress, Mumbai- 2006, in Pharmacognosy section.
24. **Young scientist** support from **DST** for attending International Conferences **2005**.
25. Teaching Assistantship in Faculty of Pharmacy, Hamdard University, 2002-2005, for **UG & PG** students.

MOUS INSTITUTED (06)

1. Hamdard Laboratories India Ltd (Food Division)
2. Universal Biotech, Delhi
3. IBSD, Imphal
4. NCNPR, University of Mississippi, USA
5. University of Khartoum, Khartoum, Sudan
6. Dabur India Ltd
7. Aimil Pharmaceuticals
8. Dolcas Botanosys
9. Transformative Solutions

OVERSEAS VISITS (15)

1. 21st International Congress of International Society of Ethnopharmacology, ISE, Held at Taichung, Taiwan during 28th to 31st May 2022 as speaker and delivered invited talk on "Metabolomics of Natural Products and Traditional Medicine" Virtually.
2. Malaysian Natural Product Society, Malaysia Virtual: As SPEAKER delivered invited talk on "Metabolomics in drug discovery from Natural Products" at Asian Symposium on Medicinal Plants and Spices XVII (2021) 18-19th August 2021.
3. **NCNPR, Mississippi, USA:** As SPEAKER to attend 19th Annual International Conference on the Science of Botanicals (ICSB) held in April 8th – 11th, 2019 in Oxford, Mississippi, delivered talk on "Metabolomic analysis of unani and ayurvedic medicines for scientific validation of traditional claims " at the University of Mississippi and the National Center for Natural Products Research.
4. **Chiang Rai, Thailand:** As SPEAKER to attend **1st International Conference on Globalization of Traditional Medicine 2018**, Chiang Rai, Thailand on December 6-7, 2018 delivered talk on "Modernization and metabolomics analysis of traditional medicines for globalization and scientific validation of traditional claims" organized by Mae Fah Luang University, Chiang Rai Thailand and SFE India.
5. **Bangkok, Thailand:** As SPEAKER to attend **HPTLC Asia 2018, International Symposium for High-Performance Thin-Layer Chromatography**, in Bangkok, Thailand on November 28-30, 2018 delivered talk on "A novel high-performance thin-layer chromatography-hyphenated bioautography method for identification of carbohydrate digesting enzyme inhibitory metabolites".

6. **KHARTOUM, SUDAN:** As INSA bilateral Exchange fellow and to Deliver invited lectures at different Universities of Sudan (**2nd August -18th August 2018**)
 - Visited University of Gezira at Madani State, Gezira on 07/08/2018 and delivered talk entitled “Drug development from natural resources: basics to metabolomics”
 - Delivered public lecture entitled “Chromatographic analysis and metabolomic profiling of herbal medicine for modernization and drug discovery” at Sayed Almubarak Hall of University of Kharoum, Sudan on 12th August 2018
 - Delivered a public lecture entitled “Quality control & Scientific Validation of Traditional Claims of Herbal Medicine” at Faculty of Pharmacy of Omdurman Islamic University, Omdurman, Sudan on 15th August 2018

7. **USA:** To attend **18th ICSB (International Conference of Science and Botanicals)**, Oxford Conference Centre, Oxford, Mississippi, USA- April 9-12, 2018, and to give presentations on:
 - “Hypoglycemic potential and Metabolomic profiling of *Butea monosperma*” at Oxford Conference Centre, **Missisipi, USA** on 9th April 2018, University of Missisipi, Memphis, USA
 - “Metabolomic profiling of herbal drugs for scientific validation of traditional claims” on 13th April 2018, **Chicago State University, Chicago, USA**

8. **Bangladesh:** To attend **18th ISE & 5th SFEC**, at Nabab Nawab Ali Chaudhary Senate Bhawan, University of Dhaka, Bangladesh- January 13-15, 2018, and to give presentations and as Chairperson :
 - “Metabolomic analysis of ethnomedicines for scientific validation of traditional claims” on 14th January 2018, **at University of Dhaka, Bangladesh** in 18th ISE & 5th SFEC

9. **KHARTOUM, SUDAN:** As Examiner and to Deliver invited lectures at University of Khartoum and at National Medicinal Plant & Poison Board, Sudan as well as to execute MOU between Institutions (**5th September – 14th September 2017**)
 - **Sayeed Ahmad** (2017). “Herbal Medicine & Food Supplements: Market Authorization and Quality Control” at National Medicines & Poison Board, Sudan on 9th September 2017 at 11:0 am – 1:0 pm, Aired on News of Sudan National TV
 - **Sayeed Ahmad** (2017). “Drug Development from Natural Resources” at University of Khartoum, Sudan on 11th September 2017 (1:0 – 3:0 pm).

10. **BERLIN, GERMANY:** To attend **International Symposium for High Performance Thin Layer Chromatography 2017, at Berlin, Germany (4th to 8th July 2017)**
 - **Sayeed Ahmad** (2017). “HPTLC Studies on Single Drugs and Compound Formulations of Indian System of Medicine” (Oral Lecture), Delivered at International Symposium on High Performance Thin Layer Chromatography (HPTLC 2017), at Maritim Pro Arte Hotel, Berlin, Germany on 4th – 8th July 2017

11. **LUBLIN, POLAND:** To attend 10th International symposium on Chromatography of Natural Products held in Lublin Poland on 6th – 9th June 2016, sponsored by Aimil Pharmaceuticals, Delhi to present papers:
 - **Sayeed Ahmad**, Washim Khan, Katiyar CK (2016). Chromatographic profiling of Pancharishta at different stages of its development using HPTLC, HPLC, GC-MS and LC-

MS (**Oral Presentation**), presented at 10th International symposium on Chromatography of Natural Products held in Lublin Poland on 6th – 9th June 2016.

- **Sayed Ahmad**, Iftexhar Ahmad, Javed Alam, Washim Khan (2016). Chromatographic analysis and exploitation of traditional UNANI formulation for nonalcoholic fatty liver disease (**Poster presentation**), presented at 10th International symposium on Chromatography of Natural Products held in Lublin Poland on 6th – 9th June 2016.
- **Washim Khan**, Sayeed Ahmad, (2016). GC-MS metabolomics and anti-diabetic potential of aqueous extract of *Moringa oleifera* (Poster), Presented at 10th International symposium on Chromatography of Natural Products held in Lublin Poland on 6th – 9th June 2016, **Received best Paper Award**

12. **Muscat, Oman**: 2012-Visiting Scientist (Invited), Sultan Qaboos University, Department of Biology, Sultanat of Oman, (16th June to 1st July 2012) for working with Prof Elsadig Eltayeb on one of his project for analysis of Solanum glycoalkaloids and produced following collaborative papers:

- Al Sinani SS, Eltayeb EA, Kamal YT, **Ahmad S** (2013). Quantitative estimation of Solasodine in *Solanum incanum* plants grown in Oman by HPTLC, **International Journal of Pharmacognosy and Phytochemistry**, 28(1), 1132-1139. [ISSN: 2051-7858].
- Al Sinani SS, Eltayeb EA, Kamal YT, Masood SK, **Ahmad S** (2015) Variations in the cytotoxic glycoalkaloids solamargine and solasonine in different parts of the *Solanum incanum* plant during its growth and development in Oman, **J. Taibah Univ. Sci.** (2015), (<http://dx.doi.org/10.1016/j.jtusci.2014.11.013>), ISSN: 1658-3612.

13. **NEW YORK, USA: As DST BOYSCAST Fellow: 2011 – Post Doc (BOYSCAST), Albert Einstein College of Medicine, New York USA,**

- Worked as Visiting Scientist (BOYSCAST Fellow), at Division of Kidney Diseases and Hypertension, Feinstein Institute of Medical Research, 225 – Community Drive, Great Neck, New York 11021, USA on the project entitled “ Screening of Anti-HIV potential of Indian medicinal plants” under the guidance and supervision of **Prof Pravin C Singhal** for six months (June – November 2011) and successfully completed Anti-HIV Screening on ten plant extracts / compounds using different screening methods on NOMI and MT2 Cell lines.

14. **PHILADELPHIA, USA**: To attend American Society of Nephrology (ASN) Kidney Week 2011, Pennsylvania Convention Centre, Philadelphia, USA, November 8-13, 2011, and to present paper:

- **Sayed Ahmad**, Wasim Ahmad, Mohammed Ahmed Khan, Rabea Parveen, Masood Shah Khan, Ashwani Malhotra, Mohammad Husain, S.M. Arif Zaidi. Antiuroliithiatic Activity of an Unani HerboMineral Formulation, FR-PO1178, Journal of Americal Association of Nephrology, abstract supplement, ASN Kidney Week 2011, Pennsylvania Convention Centre, Philadelphia, USA, November 8-13, 2011, pp 385A, (**Poster**)

15. **WASHINGTON DC, USA**: To attend American Association of Pharmaceutical Scientist (AAPS) Annual Meeting and exposition 2011, Washington DC, USA, October 23-28, 2011, and to present two papers:

- **Sayed Ahmad**, Tanwir Athar, Rabea Parveen, Validated UPLC/MS Method for Quantitative Determination of Azadirachtin Content in Nimbatiktum (anti psoriatic herbal formulation), M1200, AAPS Annual Meeting & Exposition 2011, Washington DC, October 23-28, 2011. (**Poster**)
- Suruchi Suri, Rabea Parveen, FJ Ahmad, Z Iqbal, **Sayed Ahmad**. Developing and formulating a nanosized delivery system for a combination of Taxanes with a polyphenolic

compound, T3230, AAPS Annual Meeting & Exposition 2011, Washington DC, October 23-28, 2011. **(Poster)**

16. **KUALA LAMPUR, MALASIYA:** To attend World Health and Asian Traditional (WHAT) medicine conference at Putra World Trade Centre, Kuala Lumpur, Malasiya, sponsored by **CCRUM – AYUSH**, 19th – 22nd June 2009 and to present two papers:
- **Sayed Ahmad**, Kamal YT, Mahaveer Singh, Rabea Parveen, Development and validation of stability indicating HPTLC method for analysis of arjunolic acid in herbal formulations, *World Health and Asian Traditional (WHAT) Medicine Conference- 2009*, Putra World Trade Centre, Kuala Lumpur, Malaysia, 19-20th June, 2009. **(Poster)**
 - **Sayed Ahmad**, Kamal YT, Mahaveer Singh, Rabea Parveen, FJ Ahmad, Development and validation of HPTLC method for estimation of Glycyrrhizic acid in Herbal formulation, *World Health and Asian Traditional (WHAT) Medicine Conference- 2009*, Putra World Trade Centre, Kuala Lumpur, Malaysia, 19-20th June, 2009. **(Poster)**
17. **BEIJING, CHINA:** To attend *Pharmaceutical Science World Congress – FIP-2007*, Beijing, China. Sponsored by AICTE, August 31- September 6, 2007 and to present two papers:
- **Sayed Ahmad**, R. Zafar, Development of Normal and genetically Transformed cultures of *Calotropis procera* for production of secondary metabolites. presented in *Pharmaceutical Science World Congress – FIP-2007*, Beijing, China. August 31- September 6, 2007 **(Poster)**.
 - **Sayed Ahmad**, Maqsood Ali, Salim Khan, S.H. Ansari, A Rapid DNA isolation protocol and studies on stability of RNA in medicinal plant *Adhatoda*. presented in *Pharmaceutical Science Congress – FIP-2007*, Beijing, China. August 31- September 6, 2007 **(Poster)**.

LECTURE DELIVERED (INVITED/ ORAL TALKS IN INDIA) (>83)

1. Delivered invited talk entitled “Bioprospecting of Natural Products for Human Health” during one week FDP program” 2023” held on 14th January 23 at MDU, Rohtak
2. Delivered invited talk entitled “Ensuring Safety of Unani Medicine with Modern Concepts” during Two days National Conference on Need of safety Monitoring of Toxic Drugs used Unani System of Medicine” 2022” held on 26th November 2022 at Govt Unani Medical College and Hospital, Bhopal.
3. Delivered invited talk entitled “Drug Discovery From Natural Products” during National Pharmacy Week Celebrations 2022” held on 23rd November 2022 at Mesco Institute of Pharmacy, Amroha.
4. Delivered invited talk entitled “Metabolomics in Natural Products and Traditional Medicine” during Two days Symposium on Natural Products” held on 18th – 19th November 2022 at NIPER, Hyderabad.
5. Delivered invited talk entitled “Metabolomics An Ultimate Technique for quality control of AYUSH drugs and Traditional Medicine” during 2nd ICNPH held on 4-6th November 2022 at Deshbandhu College, Delhi University, New Delhi
6. Delivered invited talk entitled “Metabolomics in traditional medicine and drug discovery from natural resources” during One Day National Seminar on ‘Integration of AYUSH Medicines and Ethnopharmacology: A Strategy towards Evidence-based Medicines’ held on 4th October 2022 at NIPER-SAS Nagar, Punjab
7. Delivered invited talk on “Translational approaches of Drug Discovery from Natural Resources” during a National Seminar on Translational Research on Indian Medicinal Plants & 9th SFE Convention held during 23rd – 24th September 2022 at SNP Jadavpur University, Kolkatta

8. Delivered invited talk on "Advanced analytical Methods in Drug Standardization" on 26th August 2022, held at DSRU, CCRUM, New Delhi
9. Delivered invited talk on "Relevance of chemical standardization and Innocuousness in the process of development of herbal medicines" on 13th August 2022, held at Rajarshi Shahu College of Pharmacy, Buldana, Maharashtra
10. Delivered invited talk on "Publication and Grant Writing" on 27th July 2022, during a competency development workshop of CoE Unani Medicine held at Jamia Hamdard, New Delhi
11. Delivered invited talk on "Mutitargetted therapeutics in Unani and Ayurvedic Medicine" on 29th July 2022, during 12th IASTAM Conclave of CoE Unani Medicine held at Jamia Hamdard, New Delhi
12. Delivered invited talk on "Scientific article writing, publication ethics and opportunities" on 22 July 2022, at DEV BHOOMI UTRACHAND UNIVERSITY" Uttarakhand India.
13. Delivered an invited talk on topic "Exploring Traditional Medicine Drugs from Nature & drugs from Ancestors" during iConnect Program of DBT Govt of India on Bioeconomy from Bioresources with special references to NER held on 14th June 2022 at IBSD, Imphal
14. Delivered invited talk on 24th INCOFYRA on topic intitled "Metabolomic profiling of traditional Unani Medicine for Quality Control and Scientific Validation of Traditional Claims" held on 28th May 2022 at Prashanti Kutiram, Bangluru, India organised by S-VYASA Deemed to be University.
15. Delivered invited talk on "Modern Methods For Quality Control of Unani Medicine" on 22nd May 2022, at a CME of State Unani Medical College Prayagraj, UP" India.
16. Delivered invited talk on topic "Metabolomics in drug discovery from Natural Resources" at a CME of Department of Community Medicine, AKUTC, AMU held on 25th March 2022.
17. Delivered invited talk on topic "Advanced Research on Unani Medicine" at Unani Day Celebrations of NIUM Banglore held on 22nd March 2022.
18. Delivered invited talk on topic "Unani Medicine and Sustainable Public Health" at 9th SFEC 2022 held on 22-24 April 2022 at JSS Academy of Higher Education and Research Campus, Mysuru, Karnataka, India.
19. Delivered invited talk on topic "Metabolomics in drug discovery from Natural Resources" at 8th SFEC 2021 held at Bharti Vidhyapeeth Pune on 28th August 2021.
20. Delivered invited talk on Metabolomics in quality control and drug development from botanicals and traditional medicine" at AICTE sponsored FDP at KLE Belgam on 25th August 2021
21. Delivered invited talk on topic entitled "HPTLC and its bioautographic applications in Drug Discovery" in online training program of HPTLC for evaluation of Natural Resources jointly organised by SFE-IBSD and Jadavpur University on 5th August 2021.
22. Delivered invited Talk as resource person on topic entitled "HPTLC Technique and its application in Drug Research" in hands on training workshop at All India Institute of Ayurveda, New Delhi on 17th – 19th March 2021.
23. Delivered invited talk on topic "Natural Product based Drug Discovery" at FDP of NIT, Warangle on 9th March 2021
24. Delivered Invited talk as a resource person on the topic: Drug Development & Discovery: Natural & Synthetic perspective" in virtual mode from 18th August to 2nd September 2020 in AICTE

Sponsored Quality Improvement Programme held at KLE Academy of Higher Education & Research, KLE college of Pharmacy, Belagavi

25. Delivered Invited talk as a resource person on 6th March 2020 on the topic "Metabolomic profiling of Natural Products: A Modern concept to ensure quality, safety and efficacy" held at SIES College Arts, Science and Commerce, Sion(W), Mumbai-400022
26. Delivered Invited talk as a resource person on 24-25th February 2020 on the topic "Metabolomic profiling of Unani Medicines: A modern concept as proof of Holism" at National Seminar on "Holistic (Kulliyat guided) Research in Unani Medicine" scheduled to be held on 24-25 February 2020 under the auspices of DRS-II (UGC) SAP-II.
27. Delivered Invited talk as a resource person on 15-17th February 2020 on the topic: HPTLC-MS bioautographic identification of antidiabetic compounds from medicinal plants at 7th international congress of society for ethnopharmacology (SFEC 2020) at Jamia Hamdard, New Delhi
28. Delivered Invited talk as a resource person on the topic entitled "Quality Control and Standardization of Ayurvedic/Unani Formulations" in Two-week Intensive Training Program on 'Recent Trends and Challenges in Regulation and Standardization of Herbal Drugs and Formulations' from 14-24 October 2019 at NIPER-SAS Nagar Pinjab for participants from 16 ITEC countries (Afghanistan, Sri Lanka, Egypt, Mauritius, Nigeria, Papua New Guinea, Sudan, Tanzania, Syria, Thailand, Cote D' Ivoire, Ethiopia, Guyana, Oman, Iran and Iraq).
29. Delivered Invited talk as a resource person on the topic entitled "Metabolomic profiling of *Tinospora cardifolia*" 6th Convention: SFE – INDIA, 2019 National Seminar on "Translational Research of Traditionally used Indian medicinal plants with special reference to *Tinospora cardifolia*" September 07-08, 2019
30. Delivered invited Talk on topic "Metabolomic profiling of botanicals for quality control and Scientific validation of traditional claims" in One Week Faculty Development Program sponsored by Dr APJ Abdul Kalam Technical University on "Herbal Nano Pharmacology at KIET School of Pharmacy Ghaziabad UP July 15-19, 2019
31. Delivered Invited talk as a resource person on 22nd April, 2019 on the topic "Quality control and standardization of Unani Medicine" at Convention centre, Jamia Hamdard, in National Seminar on "A Journey through: An update on evidence based medical practices in Unani Medicine" organized by School of Unani Medical Education and Research, Jamia Hamdard, New Delhi
32. Delivered Invited talk as a resource person on 14th March 2019 on the topic: "Molecular Pharmacognostic studies of Unani Medicine", at Department of Ilmul Advia, Ajmal Khan Tibbia College, Aligarh, AMU in UGC SAP sponsored program
33. Delivered Invited talk as a resource person on 14th February 2019 on the topic: "Standardization and Quality Control of Unani Medicine for Scientific Validation", at the National Conference for Celebration of Unani Day at NIUM, Bangalore
34. Delivered Invited talk as a resource person on the topic: "Metabolomic profiling of herbal drugs and Traditional Medicines for Globalization", at 6th Congress of Society for Ethnopharmacology held at Manipal, MAHE in Feb 8-10, 2019.
35. Delivered lecture as distinguished speaker on 02nd November, 2018, on the topic: "Aligning Efforts to Build Evidence for Ayurveda", in Ayurveda Industry Conclave V2.0, at Silver Oak, India Habitat Centre, New Delhi.
36. Delivered talk as speaker on topic "Metabolomics and Quality Standards for AYUSH Drugs" in XXVII QIP Programme on "QIP certificate course in Drug Regulatory Affairs" held during April 2-6, 2018 at Delhi Pharmaceutical Sciences and Research University (DPSRU), New Delhi

37. Delivered talk as speaker on topic "HPTLC in Quality Control for Herbal Drugs" in XXVI QIP Programme on "Current Trend in Pharmaceutical Sciences" held during March 12-16, 2018 at Delhi Pharmaceutical Sciences and Research University (DPSRU), New Delhi
38. Delivered lecture as a resource person on 10th February 2018 on the topic: Modernization and Metabolomic Analysis of Unani Medicines for Scientific Validation of Traditional claims, in International Conference on Unani Medicine "Integration of Unani Medicine in Mainstream" at A.P. Shinde Symposium Hall, NASC Complex, Pusa, New Delhi, organized by CCRUM AYUSH
39. Delivered talk as distinguished speaker on topic Understanding Pharmacopoeial Quality Standards for AYUSH Drugs in the International Conference on "Challenges for Global Competitiveness of AYUSH and Natural Products" and the IASTAM Oration and Award Function 2018, held during February 2-4, 2018 at Delhi Pharmaceutical Sciences and Research University (DPSRU).
40. Delivered lecture as a resource person on 15th November 2017 on the topic: Analytical methods used in herbal drug standardization, at National Institute of Unani Medicine in six-days Continuing Medical Education (CME) Programme on Ilmul Advia from 13 to 18th November 2017.
41. Delivered invited Expert Talk on topic entitled "Drug Development from Natural Resources" on University of Khartoum, Sudan at 11th September 2017 (1:0 – 3:0 pm).
42. Delivered invited Expert Talk on topic entitled "Herbal Medicine & Food Supplements: Market Authorization and Quality Control" on National Medicines & Poison Board, Sudan at 9th September 2017 at 11:0 am – 1:0 pm, which was aired on Sudan National TV as News
43. Delivered oral talk on topic entitled "HPTLC Studies on Single Drugs and Compound Formulations of Indian System of Medicine" on International Symposium for High Performance Thin Layer Chromatography 2017, at Berlin, Germany (4th to 8th July 2017)
44. Delivered invited Expert Talk on "HPTLC in quality control of herbal drugs and drug discovery" at National Conference on Analytical Techniques and their Applications" during March 17, 2017 held at Dr. A. P. J. Abdul Kalam Central Instrumentation Laboratory Guru Jambheshwar University of Science and Technology Hisar-125001, Haryana
45. Delivered invited Expert Talk on "HPTLC and its applications in drug discovery" at International Conference on Challenges in Drug Discovery & Delivery (ICCD3-2017)" during March 2-4, 2017 held at Department of Pharmacy Birla Institute of Technology, BITS, Pilani as a representative of Anchrom (CAMAG)
46. Delivered Dr. P.K. Debnath Memorial Oration on topic "Drug discovery from natural sources for Dengue Fever related thrombocytopenia" in the 4th congress of the the society for Ethnopharmacology India, organized at Uka Tarsadia University, Bardoli, Surat during February 23-25, 2017.
47. Delivered invited Expert Talk on "Chromatography and Quality control of herbal drugs" at PHARMANEO 2017, a 02 days International Conference on "Drug Delivery System of Phytoconstituents: Past, Present and Future" scheduled held on 17th-18th February 2017 at Invertis Institute of Pharmacy, Invertis University, Bareilly, Uttar Pradesh, India.
48. Delivered invited Expert Talk on "HPTLC and its applications in drug discovery" at XXII Quality Improvement programme held during 13th – 17th February 2017 as Resource Person at DPSRU, New Delhi
49. Delivered invited Expert Talk on "Chromatography and quality control of herbal drugs" at Faculty of Pharmaceutical Science & Technology, AKS University, Satna (MP) in ICMR-New Delhi &

MPCST-Bhopal Sponsored 2-Day National Conference On "Frontier Research in Natural Products: Opportunities and Challenges" On 03-04th February 2017

50. Delivered invited Expert Talk on *Medicinal Plants: Importance of Pharmacognosy and Chemotaxonomy Studies*" on December 20, 2016 at ICAR sponsored Winter School on "Bio-active compounds from medicinal plants: A wealth of novelties and opportunities" is organised at the Directorate during Dec 01, 2016 to Dec 21, 2016.
51. Delivered invited Talk as Key speaker on "HPTLC method development and validation" in One Day Workshop on " Method Development Techniques in HPLC and HPTLC" held on November 16, 2016 at 9.00 am at Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak
52. Delivered invited Expert Talk on "Understanding of Pharmacopoeial standards" at National Institute of Unani Medicine, Bangalore, in International Conference of Unani Medicine on 26th October 2016.
53. Organised half day workshop on "Chromatographic analysis of Natural Products" on 31st May 2016 as a part of One Week Faculty Development programme on "Energising Innovative skills in Pharmaceutical education and research" held in Faculty of Pharmacy, Jamia Hamdard from 30th May 2016 – 3rd June 2016
54. Delivered invited Expert Talk on "Understanding Pharmacopoeial Standards" in CRIUM Hyderabad on 26th May 2016
55. Delivered invited Expert Talk on "Understanding Pharmacopoeial Standards" in CCRUM Janakpuri Delhi on 9th May 2016
56. Delivered ONLINE invited Expert Talk on "Challenges in preclinical and clinical research of traditional medicines" organized by Thomson Reuters for their Employees globally held on 12th April 2016 at IST 2:30 to 4:0 pm
57. Delivered invited Expert Talk on "Chromatography and quality control of Unani Drugs" at Department of Ilmul Advia, AMU, Aligarh, on 15th March 2016.
58. Delivered invited Lecture as KEYNOTE SPEAKER on topic "Drug Discovery from Natural Products Microscopy to Metabolomics" in International conference on "Exploring opportunities and future avenues in Pharmaceutical Sciences" held at Azad Technical Campus, Lucknow on 23-25th February 2016
59. Delivered invited Lecture as LEAD SPEAKER in Faculty Development programme on "Recent trends in Instrumental methods for drug analysis" on the topic "LCMS metabolomics and drug discovery from natural sources" held at Shri Ram Murti Smarak College of Engineering & Technology, Bareilly sponsored by APJ Abdul Kalam Technical University Lucknow on 27th – 31st January 2016
60. Delivered invited Lecture as Resource Person on topic entitled "Contribution of Planar Chromatography in discovery of Medicine" on March 2015 under AICTE sponsored QIP program (09 to 20th March 2015) organized by DIPSAR, New Delhi
61. Delivered invited Lecture as Resource Person/ Mentor on topic entitled "Milestones in Discovery of Medicine" on Nov 30th 2014 in the Science camp under INSPIRE INTERNSHIP program (27th Nov to 01 Dec 2014) of DST organized by SRMS college of Engineering & Technology, Barailly UP
62. Delivered invited Lecture as Resource Person on topic entitled "Analytical techniques for identification of functional components of food" on November 10th 2014 in Continuing Education

Programme (CEP) on Functional Nutrition (10th Nov to 14th Nov 2014) at DIPAS, DRDO, New Delhi

63. Delivered invited Lecture as Resource Person on topic entitled "HPTLC applications in analysis of Bioactive molecules" on October 18th 2014 at School of Biotechnology, Gautam Buddha University, Greater Noida UP.
64. Delivered invited Lecture as Resource Person on topic entitled "Current strategies in herbal drug research from microscopy to metabolomics" on INSTRUMENTAL METHODS OF ANALYSIS IN PHARMACEUTICAL SCIENCES" held from 25th August to 29th August, 2014, Organised by SBS college of Pharmacy, Patti, Amritsar, Punjab organized by PTU and DBT
65. Delivered invited Lecture as Resource Person on topic entitled "Re-validation of cardioprotective potential of standardized extracts of Indian Medicinal Plants listed in Ibn-e-Sinas Treatise" on December 6th 2013 in 40TH National Conference of Association of Clinical Biochemist of India, (ACBICON-2013), December 03-06, 2013, At NASC Complex, PUSA, Delhi
66. Delivered invited Lecture on topic "Herbal Drugs: Current Trends and Future Scope" on April 16th 2012, at Faculty of Pharmacy, Integral University Lucknow
67. Delivered Oral Lecture on topic entitled "Anti HIV activity of medicinal plants – Adhatoda Vasica a case study" on February 20 -24, 2012, Health Care India 2012 Congress, New Delhi, APA International Congress on Advances in Human Health care systems
68. Delivered Oral Lecture on topic entitled "Anti HIV activity of medicinal plants" on February 17 - 19, 2012, at 12th International Congress of Ethnopharmacology entitled "Traditional medicine and Globalization – The Future of Ancient system of Medicine" organized by School of Natural Product Studies, Jadavpur University, Kolkata
69. Delivered invited Lecture as Resource Person on topic entitled "Approaches for in vitro production of Bioactive Natural Products using Plant Tissue Culture" on January 28th – 29th 2012 at Fourth National Conference on Biotechnology and Pharma Industry, Organised by SBS college of Pharmacy, Patti, Amritsar, Punjab organized by PTU and DBT
70. Delivered invited Lecture on topic "Plant Tissue Culture – A promising source of Secondary metabolite production", on April 9th, 2011, at Shaheed Bhagat Singh College of Pharmacy, Patti, Amritsar, Panjab.
71. Delivered Lecture as Resource person in CCRUM - AYUSH sponsored staff development entrepreneurship program on title "Bioactive Natural Products, Extraction, Identification, Isolation and Characterization, held on February 1, 2011, at Faculty of Science, Jamia Hamdard, New Delhi.
72. Delivered Lecture as Resource person in CCRUM - AYUSH sponsored staff development programme ROTP on title "Application of HPTLC for Quality Control of Unani Medicines, held in February 17-22, 2010, at Faculty of Medicine, Jamia Hamdard, New Delhi.
73. Delivered Lecture as Resource person in AICTE sponsored Staff Development Program entitled "Herbal Drug Analysis" on title "HPTLC Analysis of Herbal Drugs", held in December 12-25, 2009, at Shaheed Bhagat Singh College of Pharmacy, Patti, Amritsar, Panjab (19th December).
74. Delivered Lecture as Resource person in AICTE sponsored Staff Development Program entitled "Herbal Drug Analysis" on title "Standardization and Quality Control of Herbal Drugs and Botanicals", held in December 12-25, 2009, at Shaheed Bhagat Singh College of Pharmacy, Patti, Amritsar, Panjab (19th December).

75. Delivered Lecture as Resource person in CCRUM - AYUSH sponsored staff development programme on title "Application of Chromatographic techniques for quality control of Unani medicines, held in February, 2009, at Faculty of Medicine, Jamia Hamdard, New Delhi.
76. Delivered invited lecture on a topic entitled "Basics of chromatographic techniques and its application for quantification of biomarkers" at Herlal Institute of Management and Technology (HIMT), Noida U.P. (March 2008).
77. Delivered invited lecture on a topic entitled "Production of Pharmaceuticals Using *In vitro* Culture Techniques" at Shaheed Bhagat Singh Polytechnic and Pharmacy College, Patti, Amritsar, Panjab (March 2008).
78. Delivered invited lecture on a topic entitled "Pharmacognosy and Plant Tissue Culture" at Shaheed Bhagat Singh Pharmacy College, Patti, Amritsar, Panjab (March 2008).
79. Delivered invited lecture on a topic entitled "Plant Tissue Culture as potential source for production of secondary metabolites" in Department of Biotechnology, University of Gorakhpur, Gorakhpur (December 2007).
80. Delivered Lecture as Resource person in a staff development programme on title "Applications of HPTLC for quality control of herbal drugs and dietary supplements" at DIPAS (DRDO), New Delhi, India, (December 2007).
81. Delivered invited lecture on a topic entitled "Chemical and Spectral analysis of Compound of Natural Origin" in GVM- Pharmacy college Sonipat, Haryana (January 2007).
82. Delivered Lecture as Resource person in AICTE sponsored staff development programme on title "Plant Tissue culture – a potential source of secondary metabolites, held in December, 2006, at Shaheed Bhagat Singh Polytechnic and Pharmacy College, Patti, Amritsar, Panjab.

RESEARCH PROJECTS FROM GOVT. FUNDING AGENCIES AS PI: (1376.766 +214.2356 lacs)

1. **AYUSH "Centre of excellence in Unani medicine (Pharmacognosy and Phytochemistry)"** AYUSH 2022 Under AYURSWASTHYA YOJANA SCHEME (S-12013/2/2021-SCHEME) Ministry of AYUSH, Govt of India, **Rs 10 Crore, March 2022- March 2025. On Going.**
2. **AYUSH, CCRUM** "Development of suger free dosage form, quality control and pharmacognostical evaluation of Unani frmulations against COVID-19 related disorders" **CCRUM, Rs. 28.4 Lakh April 2022- March 2024. On Going.**
3. **DST FIST, Food Technology, March 2022-2027). Rs 155.0 lacks**
4. DBT, EMR, Development of herbal formulation from medicinal plants (*Ocimum sanctum* and *Solanum xanthocarpum*) for the therapeutic management of *Mycobacterium avium* subspecies *paratuberculosis* infection in domestic livestock, **DBT, 2019, Rs 96.04 lacs, March 2020- Feb 2023** (BT/PR32827/TRM/120/258/2019), **On Going.**
5. **AYUSH CCRUM – EOI, (2019).** Pharmacokinetics, Stability and Quality Control Studies on Itrifal's of The Unani Pharmacopoeia of India (Part 2 V1 & V2) Using Chromatographic Analysis by HPTLC AND LC-MS, (Rs 41.854 lacs), (F. No. 3-60/2019-CCRUM/Tech) **On Going.**
6. **AYUSH CCRUM – EOI, (2019).** Identification of Anti-dengue Viral Compounds from Unani Medicinal Plants and formulations (Rs 55,47,200), in collaboration with D/O Molecular Medicine, (F. No. 3-60/2019-CCRUM/Tech) **On Going.**
7. **AYUSH CCRUM – EOI, (2017).** Pharmacokinetics, stability and quality control studies on araqiyat of The Unani Pharmacopoeia of India using HPTLC and GC-MS. (Rs 49.7456), (F. No. 3-32/2017, CCRUM-Tech, 20/03/2017) **Completed**

8. **UGC Research Award:** (May 2016 – April 2018) In vivo metabolomics of *Picrorrhiza kurroa* extract/ picroside rich fraction: > 33. 0 lacs, 2 years salary + Research grant Rs 4 lacs), (F No. 30-76/ 2016 (SA-II, Jan 2017) **Completed**
9. DST Fast Track Young Scientist (2016). Druggability of Phenyl-propanoid rich fraction of green tea as antifungal adjuvant, *in silico*, *in vitro* and *in vivo* approach, **34.65 lacs** for 3 years from Feb 2016. **Completed**
10. AICTE, CAYT project (2010): Development of chromatographic and molecular finger prints of *Picrorrhiza kurroa*, (**10.5 Lacs**), 3 years, (1-51/RID/CA/11/2009-2010 Dated 01.06.2010). **Completed**
11. AYUSH CCRUM – EMR, (2009). Development and evaluation of sugar free capsule dosage form of some Khamiras used in cardiac disorders, for 1 year (No.3-77/2005-CCRUM/Tech. dated January 15 2009) (**10.0 Lacs**), **Completed**.
12. AICTE, RPS project (2008): Development of Chromatographic and Molecular Fingerprints and Tissue Culture Studies on *Coleus Forskolhii* for *In Vitro* Production of Forskolin. (**19.0 lacs**) for 2 years, (F. No. 8023/BOR/RID/RPS-145/2007-08 dated 5th March 2008), **Completed**.
13. AYUSH, UPC (CCRUM) Project (2008). Development of standard operational procedure of compound Unani formulations mentioned in NFUM (**25 lacs**) for 3 years, F.No. 3-50/2005-CCRUM/Tech., dated 22nd Feb 2008). **Completed**
14. AYUSH, UPC (CCRUM) Project (2008). Standardization and Development of Chromatographic Fingerprints of some Classical Unani Cardioprotective Drugs (**22.72 lacs**) for 3 years, (F.No. 3-50/2005-CCRUM/Tech., dated 22nd Feb 2008). **Completed**
15. DST Fast Track Young Scientist Award (2007). Development of Phytochemical and Molecular Markers and Tissue culture studies on a medicinal plant *Adhatoda vasica*. (**9.62 lacs**), for 3 years (SR/FT/L-62/2006 dated 27TH July 2007), **Completed**.

COUNSULTANCY PROJECTS FROM PVT. FUNDING AGENCIES AS PI: (110.61 lacs + 25.0 lacs)

1. Development of quality standards and metabolomic profiling for identification of highly adulterated seed drugs of Indian medicinal plants, Universal biotech, Ltd, India (**25 Lakh**), **Ongoing**.
2. Standardization of Manjish, Kesaradi, Kansa and Ambhring ayurvedic products, Transformative Learning Solutions Pvt Ltd, (**25.2 Lakh**) for 1 year, **Completed**
3. Quality control evaluation of carica papaya leaf extract and juice, Dolcas Botanosis Pvt Ltd., (**Amount 14 lacs**) for 01 year. **Completed**
4. Nephroprotective study of NEERI KFT against fluorides/cisplatin/mefenamic acid and pharmacokinetics and metabolomic study of NEERI KFT, AIMIL Pharmaceuticals Ltd. (**Amount 28.0 lacs**) for 02 years, **Ongoing**
5. Screening of Diabetic plants, Dabur India Ltd, (**10.8 lacs three years**), **Completed**
6. Stability and Bioavailability studies of Tablet DIP-G-FIT (DIPAS, DRDO), **9.96 lacs for 1 year from March 2016 – march 2017**
7. Evaluation of antiurolithiatic activity of some herbal formulations in rats, **Dabur India Ltd. (3.94 lacs)** for 0.5-year. **Completed**

8. Identification and characterization of bioactive compounds/principles from herbal agents, DRDO (DIPAS) 3.5 lacs for 1 year. **Completed**
9. Evaluation of Hepato-protective and Anti-Inflammatory Activity of Some Herbal Formulations, Dabur India Ltd. (15.21 lacs) for 1-year. **Completed**

MAJOR INFRASTRUCTURE PROJECTS FROM GOVT. FUNDING AGENCIES AS DEPUTY COORDINATOR: (112 lacs)

1. UGC – SAP scheme, 2009, (Letter No. F.3-32/2009 (SAP II), dated 31st March 2009) **47 lacs**, Deputy-Coordinator, for five years, DRS- phase 1. **Completed**
2. DST – FIST scheme 2009. (Letter No. SR/FST/LSI – 387/2008, order dated 18/02/2009) Deputy-Coordinator, **65 lacs** for five years, Phase I. **Completed**

RESEARCH PROJECTS FROM FUNDING AGENCIES AS CO PI: (409.08 lacs)

1. **AYUSH CCRUM – EMR (2018)**, Determination of antithrombotic potential of traditionally used medicinal plants and their pharmacokinetic and metabolomic profiling, 67.0 lakh, **Collaborative project with Prof Zahid Ashraf, JMI, On going**
2. AYUSH CCRUM – EMR (2010), Determination of Anti-Cancer activity of medicinal plants of Indian origin, **(30.0 Lacs)** for 3-years. **Completed**
3. AYUSH CCRUM – EMR (2010), Screening and evaluation of Anti-HIV activity of some Indian medicinal plants, **(26.0 Lacs)** for 3-years. **Completed**
4. **DBT (2010)**, Study of Transcriptomic and Metabolomic changes induced by Nitrogen and Phosphorus Stress in Maiz root, (BT/ PR11680/PBD/16/834/2008, dated September 18th 2010) **(79.88 lacs)** for 3 years. **Completed.**
5. AYUSH CCRUM – EMR (2010), Evaluation of Tadaveer of some Unani formulation/ drugs, **(30.0 Lacs)** for 3-years. **On going**
6. AYUSH CCRUM – EMR (2009), Development and evaluation of a novel nano emulsion gel for topical anti-rheumatic unani formulation (No.3-77/2005-CCRUM/Tech. dated January 15 2009) **(9.2 Lacs)** for 1-years. **Completed**
7. AYUSH CCRUM – EMR (2009), Development of quality standards and clinical evaluation of herbomineral formulation used in urolithiasis, (No.3-77/2005-CCRUM/Tech. dated January 15 2009) **(29.0 Lacs)** for 3-years. **Completed**
8. AYUSH CCRUM – UPC (2009), Standardization and development of standard operational procedure of some compound Unani formulations described in national formulary of Unani medicines, (No.3-77/2005-CCRUM/Tech. dated January 15, 2009) **(26.0 Lacs)** for 3 years. **Completed**
9. AYUSH CCRUM – UPC (2009). Development of Standard operational procedure and chromatographic finger print of some Unani compound formulations, (No.3-77/2005-CCRUM/Tech. dated January 15, 2009) **(29.0 Lacs)** for 3-years. **Completed**
10. Tissue culture studies on Solanum sp. for production of solasodine. **AICTE**, RPS project (December 2008 – Nov 2010), **19.0 Lakhs. Completed**

11. AICTE, MODROB project (2008): Development of Novel Stability Indicating HPLC Methods for Quantification of New Drug Molecules of Herbal Origin. (15 lacs) for 3 years. **Completed**
12. AYUSH, EMR (CCRUM) Project (2008). Development of standard operational procedure of compound Unani formulations mentioned in NFUM (28 lacs) for 3 years. **Completed**
13. AYUSH, EMR (CCRAS) Project (2007). Development and Evaluation of Novel Drug Delivery System of Nimbatiktam, 777 Oil and Lajjalu Keram for Treatment of Psoriasis (21 lacs) for 3 years. **Completed**

ADMINISTRATIVE AND ADVISORY ACTIVITY:

- Director: Centre of Excellence in Unani Medicine (Pharmacognosy and Pharmacology), July 2022
- Head: Department of Food Technology, JH (July 2021 onward)
- **In-charge, of Bioactive Natural Product Laboratory** (A well equipped/ sophisticated laboratory especially for research on Natural Products) Since 2009
- **NIRF- AISHE, Co Ordinator Pharmacy, since 2017 (@ Rank 1 in India)**
- Co-ordinator: Food Technology, May 2017 onward
- **Deputy superintendent of Examinations**, Faculty of Pharmacy, Examinations (D. Pharm, B. Pharm, M. Pharm & Ph D), November –2013 – 2019
- Tabulator, Pharmacy Examinations, Jamia Hamdard, 2013
- Deputy Superintendent, DODL Examinations – 2007, Jamia Hamdard.
- Member, Academic Council - 2008.
- Member, Cultural and Sports Committee, 2005- till date.
- Member, Sessional Examination Committee, 2005- till date.
- Tabulator, Examinations, Jamia Hamdard, 2005- 2009.

TEACHING AND RESEARCH EXPERIENCES:

- **Working as Director**, Centre of Excellence in Unani Medicine (Pharmacognosy and Pharmacology), July 2022 **Department of Pharmacognosy, School of Pharmaceutical Education and Research, JH, New Delhi, and teaching to UG, PG and Ph D classes as well as guiding research scholars since 11 August 2020 to till date.**
- **Working as Professor**, in Department of Pharmacognosy, School of Pharmaceutical Education and Research, JH, New Delhi, and teaching to UG, PG and Ph D classes as well as guiding research scholars since 11 August 2020 to till date.
- **Worked as Associate Professor**, in Department of Pharmacognosy, School of Pharmaceutical Education and Research, JH, New Delhi, and teaching to UG, PG and Ph D classes as well as guiding research scholars since 11 August 2017 to 10th August 2020.
- **Assistant Professor**, in Department of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, JH, New Delhi, and teaching to UG, PG and Ph D classes as well as guiding research scholars since 11 August 2005 to 10th August 2017

- Visiting Scientist, Sultan Qaboos University, Department of Biology, Sultanat of Oman, (16th June to 1st July 2012).
- Six months Research experience as Visiting Scientist (BOYSCAST Fellow), at Division of Kidney Diseases and Hypertension, Feinstein Institute of Medical Research, 225 – Community Drive, Great Neck, New York 11021, USA on the project entitled “Screening of Anti-HIV potential of Indian medicinal plants” under the guidance and supervision of Prof Pravin C Singhal.
- One month’s research experience in **Promed** Research center as **Research Scientist** in PD Herbal, Analytical (Developed methods for standardization and quantification of marker compounds in various Herbal formulations like Powder, Tablets, Syrups and Eye drops using Gravimetric, spectrophotometric, HPTLC and HPLC methods).
- **One-year** (2003-2004) teaching experience in **College of Pharmacy, University of Delhi** at UG level.
- Two-years (2002-2004) teaching experience for teaching Chemistry in **Faculty of Medicine, Jamia Hamdard** at UG level.

GUIDANCE TO M. PHARM. AS SUPERVISOR: 39

Completed: 37

1. **Hassan Ahmad (2022-2023)**
2. **Archana Kumari (2022-2023)**
3. **Zoya Siddiqui (2021-2022):** Metabolomics and TLC-MS-Bioautographic identification of anti-oxidant and anti-diabetic metabolites from medicinal plants and development of a simplified 3-D HPTLC Device.
4. **Tohfa (2020 – 21):** Metabolomic Profiling immunomodulatory and anti-allergic activities of some Ayurvedic formulations recommended for COVID related disorders
5. **Neha Kashyap (2020 – 21):** Metabolomic Profiling immunomodulatory and anti allergic activities of some Unani formulations recommended for COVID related disorders
6. **Monalisha Samal (2019 – 20):** Metabolomic Profiling, Pharmacokinetics and Development of Pharmacopoeial Monograph of *Eclipta alba* Linn.Hassk.Whole Plant and *Mangifera indica* Linn. Stem Bark
7. **Varsha Srivastav (2019 – 20):** Metabolomic Profiling, Pharmacokinetics and Development of Pharmacopoeial Monograph of *Terminalia arjuna* Bark and *Mucuna pruriens* Seed
8. **Maaz Ahmad Khan (2018-2019):** TLC-MS, high throughput screening and bioautography of the anticholinestrases compounds from Indian medicinal plants and their effect on health
9. **Mariya Kabir (2018-2019):** TL-MS Highthroughput screening and bioautographic identification of estrogenic potential of plants used in Indian System of Medicines.
10. **Mumtahina Kausar (2018):** Exploration of hyperlipidemic potential of a traditional herbal formulation and its translation into modern dosage form.
11. **Suhani Sajjad (2018):** Phytochemical characterization and determination of anti-hyperlipidemic potential of traditional formulation
12. **Bushra Praween (2018):** Quality control evaluation and determination of immunomodulatory effect of amla and black pepper

13. **Ms Nausheen** (2017-2018) TLC autobiographic methods for identification of antidiabetic and anti oxidant from a medicinal plant
14. **Anjane** (2016-2017). Determination of Fatty acid profiles in serum of Fatty liver patients using GCMS
15. **Pankaj Kumar** (2016 -2017). Pharmacokinetic profiling of Thymoquinone rich fraction / thymoquinone from *Nigella sativa*
16. **Dinesh Kumar** (2015-2016). Development of carotenoid rich nutraceutical from Juice corner waste
17. **Naseem Akhter** (2015-2016). Metabolic discrimination of Halal and non- Halal Chicken using GCMS, HPTLC and HPLC
18. **Shreesh Gupta** (2015-2016). Metabolic profiling of yeast lysate to demonstrate glucose uptake mechanism
19. **Md Iftakhar** (2015-2016). Preparation of aromatic waters (Arq a Unani formulation) for management of Non-alcoholic Fatty Liver Disease (NAFLD)
20. **Javed Alam** (2015-2016). Pharmacokinetic and phytochemical intervention of *Aloe vera* for Non-alcoholic fatty liver disease
21. **Shivani** (2014-2015). Exploration of anti-thrombocytopenic potential of *Nyctanthus* in combination with piperine
22. **Sultan Zahiruddin** (2014-15). Identification of small functional molecules of *Picrorhiza kurroa* after oral administration in rats
23. **Mohd Usman** (2014-15). In vivo metabolomics analysis of *Pterocarpus marsupium*
24. **Rinki** (2013 -2014). Druggability of *Picrorhiza kurroa* for hepatoprotection: in vitro, in vivo and metabolomic approach
25. **Yashmeen Khan** (2012 -2013). Characterization and in vitro bioactivity of phenol rich essential oils using different extraction techniques
26. **Rishika Chauhan** (2012 – 2013). Characterization and in vitro bioactivity of Omega – fatty acid rich fixed oils using different extraction techniques
27. **Mr. Habibur Rehman** (2010 – 2011). Flash chromatographic isolation of Picrosides
28. **Ms. Karishma Chestar** (2010-2011). Chromatographic and molecular fingerprints of Stevia
29. **Mr. Nafis Malik** (2010 – 2011). Development of Nanoemulsion for Chaulmoogra oil
30. **Mr. Mohd. Fahim** (2010 – 2011). Determination of Colchicine in herbal formulations
31. **Mr. Nazeerullah Khan** (2009-2010). Quality control of *Nothapodites nimoniana* and HPTLC method for quantification of camptothecine.
32. **Mr. Jameel Ahmad** (2009-2010). Tissue Culture studies on *Picrorhiza kurroa* for production of secondary metabolites
33. **Mr. Santosh Kumar** (2009-2010). Quality control studies and anti-microbial activity of *Tinospora cordifolia* Miers.
34. **Mr Mayank Gupta** (2009 – 2010). Pharmacognostic and biological evaluation of *Tylophora indica* (Burm) F. Merrill.
35. **Mr. Sunil Kumar** (2009-2010). Solvent extraction method for isolation of solanesol and its quantification by HPTLC method in tobacco.

36. **Mr. Aziz Ahmad** (2008-2009). RAPD analysis and tissue culture studies on *Bacopa monneri* Linn. For the production of Bacoside.
37. **Ms. Mandeep Kaur** (2008 – 2009). Quality control of Rhizome of *Picrorhiza kurroa* Royle ex Benth. Using modern analytical technique.
38. **Mr. Mahaveer Singh** (2007 – 2008). Chromatographic and Molecular fingerprinting and tissue culture studies on *Acorus calamus* Linn.
39. **Mr. Maqsood Ali** (2006 -2007). Enhanced *in – vitro* production of Vasicine and Vascinone from Callus culture of *Adhatoda vasica* Nees.

AS CO-SUPERVISOR MDU (03)

1. Husan Jahan: Phytochemical and hepatoprotective evaluation of Jawarish Jalinus, MDU, SUMER, 2017-18
2. Abdul Aleem: Phytochemical and hepatoprotective evaluation of Jawarish Jalinus against Isoniazide and rifampicin induced hepatotoxicity MDU, SUMER, 2018-19
3. Md Noman: Phytochemical and nephroprotective evaluation of Jawarish Jalinus against cisplatin induced nephrotoxicity, MDU, SUMER, 2019-20

Ph. D. SUPERVISED (Completed): (36=19+17)

AS SUPERVISOR

1. **Ms Bisma Jan (2018-2022):** Antioxidant, antidiabetic and anti microbial potential of Mulberry leafs and fruits for development of a functional drink (**Food Technology**)
2. **Mr Gaurav Gautam (2019-2022):** Development of phytopharmaceutical and synergy-based combination of *Boerhavia diffusa* L. and *Tinospora cordifolia* L. for chronic kidney diseases using in vitro, in vivo and metabolomics approaches.
3. **Mr Mohd Umar (September 2017-2022):** Identification of rich natural plant sources of Vitamin D and exploration for development of its formulation
4. **Mr Sultan Zaheeruddin (September 2017-2022):** Metabolomic profiling and stability analysis of Arqiyat of Unani Pharmacopoeia of India
5. **Mr. Mohd. Hafizur Rehman Ansari (2016-2021):** Gut microbiota based metabolomic profiling and anti-cancer potential of terpenoid enriched fraction of *Ganoderma lucidum* P. karst (CSIR fellow)
6. **Mr. Rajesh Verma (2017-2021):** Effect of plant aging and geographical region on metabolomic profile and content of guggulusterone in *Commiphora wightii* (arnott) bhandari (**MOU candidate, Dabur**)
7. **Ms. Soumi Datta (2017-2021):** Modulation in guggulusterone of in-vitro grown *Commiphora wightii* (arnott) bhandari (**MOU candidate, Dabur**)
8. **Mr. Mohammad Ibrahim (2018-2021):** Exploring Antidiabetic Potential of *Picrorrhiza kurroa* Royle Ex Benth and *Aegle marmelos* (L) Corr Using In Vitro, In Vivo and Metabolomic Approaches
9. **Ms Varisha Anjum (October 2013 – March 2018),** Druggability of *Carica papaya* for dengue fever related thrombocytopenia: in vitro, in vivo and metabolomics approach. DST ISPIRE Fellow
10. **Mr Washim Khan (October 2014 – March 2018),** Development of secondary metabolite based anti-diabetic enriched fractions of *Moringa oliefera* Lam. and *Butea monosperma* Lam. using in vitro, in vivo and metabolomics approaches
11. **Mr Ikshit Sharma (October 2017),** Chemoprofiling and anti-urolithiatic activity of Pashanved and Gokharu, DIPAS, DRDO
12. **Mr Md Nasar Mallick (September 2017),** Determination of Anticancer Potential *Picrorrhiza kurroa* and *Baccopa monneri*, **CCRUM** - EMR project.
13. **Mr. Masood Shah (February 2017),** Development and Evaluation of Sugar Free Dosage Form of Some Unani Khamira's used for Cardioprotection, in CCRUM - UPC project.
14. **Mr. Madhukar Garg, (2015).** Development of Phytochemical and Molecular Markers and Tissue culture studies on a medicinal plant, Department of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, Jamia Hamdard, New Delhi
15. **Mr. Tamboli Ennus Tajuddin, (2015).** Development of Chromatographic and Molecular Fingerprints and Tissue Culture Studies on *Coleus Forskolhii* for In Vitro Production of Forskolol, Department of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, Jamia Hamdard, New Delhi (Submitted).

16. **Mr. Waseem Ahmad** (2014). Development and Evaluation of Unani Herbomineral formulation for Urolithiasis, Department of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, Jamia Hamdard, New Delhi. CSIR, Fellow.
17. **Dr. Mahaveer Singh**, (2013). Development of Analytical methods and Cardio-protective activity of some medicinal plants, Department of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, Jamia Hamdard, New Delhi
18. **Dr. Kamal Y. T.**, (2013). Development of analytical methods for quality control of some poly-herbal formulations, Department of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, Jamia Hamdard, New Delhi
19. **Dr. Tanveer Athar**, (2013). Standardization and development of analytical standards of some herbal formulations used in the treatment of psoriasis, Department of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, Jamia Hamdard, New Delhi

AS CO-SUPERVISOR (17)

20. **Mrs. Abida Parveen (2021)**: Bioactivity guided pre-clinical evaluation of herbal extracts for development of immunomodulatory formulation
21. **Mr Abdul Qadir (2020)**: Development of Combined Herbal Drug Loaded Nano Lipid Carrier Formulation for Psoriasis
22. **Mr Najmuddin (2020)**: Role and Evaluation of Bisehri Booti (*Aerva lanata* Linn) – A Unani Medicinal plant on Benign Prostatic Hyperplasia (BPH). Registered in Department of Biotechnology at JMI as CCRUM Unani Candidate
23. **Mr Anishur Rehman (2020)**: Highthroughput Screening and identification of anti-diabetic compounds of Safoof-e-ziabetis a Unani formulation and its constituents. Registered in Department of Biotechnology at JMI as CCRUM Unani Candidate
24. **Mr Arshid Husain** (2015), Metabolomic analysis Maiz in various treatment groups
25. **Mr Ovais Sarin** (2015), Effect of Nitrogen, Potash and Phosphorus on production of andrographoloids from *Andrographis paniculata*
26. **Mr Nadeem Ahmad Siddique** (2015), Development of Pharmacognostical profile and Pharmacological Evaluation of some Medicinal Plants Used in Kidney Disorders' Department of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, Jamia Hamdard, New Delhi, CSIR Fellow
27. **Mr. Mohd. Ahmad Khan** (2015), Protection against Chemically Induced Hepatic Toxicity: Possible Role of Natural Plant Products, CSIR Fellow.
28. **Mr Mohd. Amir** (2015), Pharmacognostical and Pharmacological Evaluation of Some Traditional Medicinal Plants Used in Hepatoprotection, Department of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, Jamia Hamdard, New Delhi, in CCRUM project.
29. **Mr. Mudassar Shahid** (2015). Screening of Anti-HIV1 activity of some medicinal plants, Department of Bio-Sciences, JMI, New Delhi, UGC Fellow
30. **Mr. Mosthaba SM.** (2015). Development of Novel drug delivery system for some herbal formulations used in the treatment of psoriasis. Department of Pharmaceutics, Faculty of Pharmacy, Jamia Hamdard, New Delhi in AYUSH – CCRAS project. (Submitted).
31. **Ms Shilpi Chanda** (2014). Anti-ulcer potential of standardized extracts of Paderia foetida Linn.: A traditional medicinal plant used by tribals of north east India, JP University of Science and Technology, Solan, Himachal

32. **Dr. Ranjan Bairawa** (2013). Development of quality standards and screening of hepatoprotective potential of different fractions of *Berberis aristata*, Jaipur National University, Jaipur.
33. **Dr. Anju Dhiman** (2013). Development and evaluation of novel drug delivery system of a model flavonoid for hepatoprotection, Department of Pharmaceutical Sciences, MD University, Rohtak, Haryana.
34. **Dr. Abid Kamal** (2012). Development and Validation of analytical methods for quantification of some APIs of Herbal origin. Department of Bio-Sciences, Jamia Millia Islamia, New Delhi.
35. **Dr. Mohd. Sadique** (2012). Molecular Mechanism of Some Anti-inflammatory Plant Drugs, Department of Toxicology, Faculty of Science, Jamia Hamdard, New Delhi
36. **Dr Maqsood Ali** (2010). Phytochemical and Pharmacological Studies of an Anticancer Medicinal Plant and its Authentication Using Molecular Biology Techniques, Department of Pharmacognosy and Phytochemistry, Faculty of Pharmacy, Jamia Hamdard, New Delhi

PH D. CURRENTLY REGISTERED AS SUPERVISOR: (14)

1. **Mr Abdul Rehman (2022):**
2. **Mr Naveen Reddy (2022)**
3. **Ms Anuradha Shee (2022):**
4. **Mr Aftab Alam (2022):**
5. **Ms Muzayyana Khan (2020):**
6. **Ms Monalisha Samal (2020):** Determination of brain tonic potential of AYUSH formulations using In-vitro, In vivo and metabolomics approaches
7. **Ms Varsha Srivastav (2020):** Development of an AYUSH-based synergistic combination against *Mycobacterium avium* subspecies paratuberculosis (MAP) - A major disease liability of the dairy industry.
8. **Ms Areeba Insaf (2019):** Metabolomics profiling and identification of tyrosinase-inhibitory compounds from Indian medicinal plants for development of a topical fairness formulation
9. **Ms Parakh Bashist (2019):** Modulation Of Creatinine, Uric Acid and Other Biomarkers of Kidney Disease Using Natural Medicinal Substances
10. **Ms Azhar Jabin:** Exploration of Lauq Katan for Asthama using in vitro, in vivo and quality control approaches. (Teacher Candidate)
11. **Ms Shaazia Jeelani:** Pharmacological Evaluation of Majoon Dabeedulward in Non Alcoholic Fatty liver Disease (NAFLD) (Teacher Candidate)
12. **Mr Mohd Usman (2021):** Development of quality standards and metabolomic profiling for identification of highly adulterated seed drugs of Indian medicinal plants (**MOU Candidate**)
13. **Mr Anil Kumar Saini (2018):** Metabolomic proofing of *Terminalia chebula* and *Quercus infectoria* as a substitute of plant *Pistacia integrima* (**Dabur MOU, Pharmacognosy**)
14. **Mr Satyendra Kumar (2018):** Anti allergic and anti asthmatic potential of *Terminalia chebula* and *Quercus infectoria* as a substitute of plant *Pistacia integrima* (**Dabur MOU, Pharmacology**)

PH. D. CURRENTLY REGISTERED AS CO-SUPERVISOR: (03)

1. **Niharika (2022):**
2. **Mr Mohd Altamish (2020 onward):**
3. **Ms Yasmeena (2018):** Development of Whey based vitamin D supplement
4. **Mr Tinu Anand Kin (October 2016):** Physiological analysis and optimization of calcium and zink for improved nutritional value of *Abelmoschus esculentus* (L) Moench and *Daucus carota* L. Registered in Department of Botany

SCIENTISTS (POST DOC) WORKED IN DIFFERENT RESEARCH PROJECTS: 09

1. **Dr Sultan Zaheeruddin** (2022 onward), RA, CoE Project
2. **Dr Abida Parveen** (BUMS, MSC Clinical Research) SRF Unani in CCRUM Project (September 2017-September 2019)
3. **Dr Neelofar Khan (Ph D) (Feb 2016 onward)** DST Fast track young Scientist
4. **Dr Shabana** (Ph D). UGC Women Post Doc Fellow (2014 July onward)
5. **Dr Priyanka Bagri** (Ph D). UGC Women Post Doc Fellow (2014 August onward)
6. **Dr Mahaveer Singh** (Ph D), DS Kothari awardee (July 2013 –Dec 2014)
7. **Dr Tamanna Jahangir (Ph D)**, (January 2009 – Dec 2010)- DST Fast track young Scientist
8. **Dr. Miss. Shabana Rehman (M.D. Unani)**, (September 2008 – August 2011). in CCRUM - UPC project2.
9. **Dr. Miss. Seemin Showkat (BUMS)**, (September 2008 – August 2011). in CCRUM - UPC project1.

PUBLICATIONS: (TOTAL 334)

Summary:

PATENTS 05, BOOKS 05, MANUALS 04,

Book Chapters 10, Popular articles 03,

SPECIAL ISSUES OF JOURNALS: 04

Review Articles 47,

Research Papers 236 (46N + 190 IN),

Proceedings 16,

Short papers in journals 22

Total National Papers: 46

Total International Papers: 237

Abstracts in National and International Conferences: >350

PATENTS: (05)

1. Indian Patent: Sayeed Ahmad, 2021. An Herbal Formulation for Management of Neurodegenerative Disorders and A Method of Preparation Thereof, Application No.: 202111022162, P.2204.IN
2. Indian Patent: Sayeed Ahmad, 2021. A Herbal formulation for immunomodulation and method of preparation thereof. Jamia Hamdard, Apl No. 202111028516 Ref no. P.2252.IN.
3. Indian Patent: K Chandra, Vineet Jain, **Sayeed Ahmad**, SK Jain (2019), A Natural Phytochemical Dietary supplement for prevention treatment and management of diabetes mellitus, Jamia Hamdard & HIMSR, PN: IPR/201911009430, P.1659.IN
4. **US Patent:** A Dokenia, DA Pearson, K Khan, **Sayeed Ahmad** (March 2017): A process for Preparing purified GLA, US provisional application no 62/454,810.
5. **Indian Patent:** Sanjula Baboota, **Sayeed Ahmad**, Javed Ali, Tanwir Athar and S. Mohamed Mustafa (DOF: Sept, 2014); Emulgel based topical dosage form in sustained manner containing herbal extract for the treatment of Psoriasis and a process for preparing the same, Jamia Hamdard & CCRAS, PN: IPR/13062/2013.

Special issue of Journals Edited: (04)

- **Sayeed Ahmad, CK Katiyar, Pulok K Mukherjee & Gudrun S Ulrich-Merzenich, 2022, Frontiers in Pharmacology, Topic: Metabolomics and Ethnopharmacology in the Development of Herbal and Traditional Medicine, IF 5.81**
- **Sayeed Ahmad, 2020, Journal of AOAC International, Volume 103, Issue 3, Topic: Analysis and Regulation of Traditional Indian Unani Medicines, IF 2.008**
- **Sayeed Ahmad, 2016, Drug Development and Therapeutics, 2016, Volume 7**

- Sayeed Ahmad, 2015, *Journal of Pharmacy and Bioallied Sciences (Medknow Publisher)* Volume 7, Issue 4 2015.

BOOKS: (05)

1. **Sayeed Ahmad (2021)**, Quality control analysis of Araqiyyat using GC-MS (fingerprinting) in a book entitled, "Advanced Analytical Methods for Quality control of Unani drugs- Arqiyyat (Distillates)", published by Central Council for Research in Unani Medicine, Ministry of Ayush, Govt of India
2. **Sayeed Ahmad (2019)**. **Introduction to Pharmacognosy**, ISBN: 978-93-89307-58-0, IK International, New Delhi, (Wiley) for UG students of Pharmacy (Theory and Practical), 406 pages, 2019,
3. **Sayeed Ahmad (2020)**. **A Laboratory Manual of Pharmacognosy**, ISBN: 9789389795561, IK International, New Delhi, for UG students of Pharmacy (Practical), 120 pages, 2020,
4. **Sayeed Ahmad (2015)**. **A Laboratory Manual of Pharmacognosy**, ISBN: 9789384588892, IK International, New Delhi, for UG students of Pharmacy (Practical), 120 pages, 2015,
5. **Sayeed Ahmad (2012)**. **Introduction to Pharmacognosy**, ISBN: 978-93-80026-48-0, IK International, New Delhi, for UG students of Pharmacy (Theory and Practical), 406 pages, 2012,

LABORATORY MANUALS FOR B. PHARM PHARMACOGNOSY PRACTICAL (04)

1. Sayeed Ahmad & Rabea Parveen (2015). *Pharmaceutical biology Manual (B Pharm 1st Sem)*
2. Sayeed Ahmad & Rabea Parveen (2015). *Families and General Chemical tests Manual (B Pharm 2nd Sem)*
3. Sayeed Ahmad & Varisha Anjum (2015). *Industrial Pharmacognosy Manual 1 (B Pharm 7th Sem)*
4. Sayeed Ahmad, Rabea Parveen & Varisha Anjum (2015). *Industrial Pharmacognosy Manual 2 (B Pharm 8th Sem)*

BOOK CHAPTERS: (10)

1. Rabea Parveen, Syed Akhtar Husain, **Sayeed Ahmad**. Nanotechnology Advances for Improved Targeting of Solid Tumors. In Shagufta Khan (Ed). ***Nanotechnology Applications in Drug Targeting and Diagnosis***. Publishing by Elsevier, 2021. (Invited)
2. Rabea Parveen, Syed Akhtar Husain, **Sayeed Ahmad**. Pharmacokinetics of Nanomedicines. In Shagufta Khan (Ed). ***Nanotechnology Applications in Drug Targeting and Diagnosis***. Publishing by Elsevier, 2021. (Invited)
3. **Varsha Srivastava, Ahmad, Sayeed** "***Medicinal and aromatic plants against paratuberculosis***" in a book entitled, "Plants as Medicine and Aromatics: Pharmacognosy, Ecology and Conservation" with Taylor and Francis groups.
4. Khan, Washim; Zahiruddin, Sultan; **Ahmad, Sayeed**; Diabetes-associated complications and some Indian traditional plants used for its management, in ***Studies in Natural Products***

Chemistry, volume 66, 1st edition by Aatur Rehman, pp 117-155, 2020, Elsevier, ISBN 9780128179086

5. Parveen, Rabea; Parveen, Bushra; Parveen, Abida; **Ahmad, Sayeed**; , Andrographis paniculata: From Traditional to Nano Drug for Cancer Therapy, in **Nanomaterials and Plant Potential**, Editors: Husen, Azamal, Iqbal, Muhammad (Eds.), 317-345, 2019. ISBN ISBN 978-3-030-05569-1, Springer Nature Switzerland, DOI: https://doi.org/10.1007/978-3-030-05569-1_13,
6. Ali, M; Ansari, SH; **Ahmad, Sayeed**; Sanobar, Syeda; Hussain, Arshad; Khan, Shah Alam; Alam, Md Sarfaraz; Ali, Md Sajid; Ahmad, Md Faruque; Hakeem, Khalid Rehman; Phytochemical and Pharmacological Approaches of Traditional Alternate Cassia occidentalis L., **Plant and Human Health**, Volume 3, 321-341, 2019, Springer Cham, DOI: https://doi.org/10.1007/978-3-030-04408-4_15, , ISBN: 978-3-030-04408-4
7. **Ahmad S**, Nanda A, Dhiman A, Sharma A (2015). Bioflavonoids and their future prospects. In: Flavonoids and Antioxidants, Recent Progress in Medicinal Plants, by Manohar Pathak and JN Govil, Vol. 40. Studium press LLC, USA. ISBN No. 1-62699-077-8. Page numbers 142-162
8. Madhukar Garg, Tamboli ET, **Sayeed Ahmad** (2014). Pharmacognostical evaluation of plant drugs with special emphasise on chromatography: *Adhatoda vasica* leaves, In Current Trends in Medicinal Botany by A. Ahmad, T.O. Siddiqui, M. Iqbal, IK International Press, New Delhi, Chapter – 8, pp 142-155, ISBN: 9789382332503
9. **S. Ahmad**, M. Singh, E.T. Tamboli, M. Garg, R. Parveen, (2011), Phytochemistry and pharmacology of some medicinal plants, In Medicinal Plants in Changing Environment by A. Ahmad, T.O. Siddiqui, M. Iqbal, Capital Press, New Delhi, pp 315-331. ISBN 10: 8185589143 / ISBN 13: 9788185589145
10. **Sayeed Ahmad** (2007). Plant constituents, National Scientific Digital Library content preparation by NISCAIR, E-book, 2007, <http://hdl.handle.net/123456789/708>.

POPULAR ARTICLES: (03)

1. Priyamka Bagri, Karishma Chester, MH Rehman, Washim Khan, **Sayeed Ahmad** (2017). TLC bioautographic method for identification of alpha glucosidase inhibitors from Salacia oblonga, Chrom+food Forum (Modern methods and Latest Trends), 07, 26-27.
2. Ahmad, S., (2015). National seminar on regulatory and quality aspects of herbal drugs and botanicals; **Journal of Pharmacy and Bioallied Sciences**, p. 245. doi:10.4103/0975-7406.168039
3. Shreesh Ojha, **Sayeed Ahmad**, (2010). Andrographis: The King of Bitters, **Science Reporter**, NISCAIR CSIR, 47(3), 53-54. (Popular Article), ISSN: 0036-8512

REVIEW ARTICLES IN PEER REVIEWED JOURNALS: (47)

2022-2016

1. Ahmad, Syed Sufian, Faraha Ahmed, Ruhi Ali, Mohammed M. Ghoneim, Sultan Alshehri, Abul Kalam Najmi, Sayeed Ahmad, Mohammad Zaki Ahmad, Javed Ahmad, and Mohammad Ahmed Khan. "Immunology of osteoporosis: relevance of inflammatory targets for the development of novel interventions." **Immunotherapy** 14, no. 10 (2022): 815-831.

2. Parveen, Rabea, Sradhanjali Mohapatra, **Sayed Ahmad**, and Syed Akhtar Husain. "Amalgamation of Nanotechnology for Delivery of Bioactive Constituents in Solid Tumors." **Current Drug Delivery** (2022), doi: 10.2174/1567201819666220425093102.
3. Malik, Zoya, Rabea Parveen, Sageer Abass, Mohammad Irfan, Syed Akhtar Husain, and Sayeed Ahmad. "Receptor-Mediated Targeting in Breast Cancer through Solid Lipid Nanoparticles and Its Mechanism." *Current Drug Metabolism* (2022), doi: 10.2174/1389200223666220416213639.
4. Ansari, Mohd Hafizur Rehman, Sadia Saher, Rabea Parveen, Washim Khan, Imran Ahmad Khan, and Sayeed Ahmad. "Role of gut microbiota metabolism and biotransformation on dietary natural products to human health implications with special reference to biochemoinformatics approach." *Journal of Traditional and Complementary Medicine* (2022), <https://doi.org/10.1016/j.jtcme.2022.03.005>
5. Khan, Mohammad Umar, Gaurav Gautam, Bisma Jan, Sultan Zahiruddin, Rabea Parveen, and Sayeed Ahmad. "Vitamin D from Natural Sources: Hope for the Future." *Phytomedicine Plus* (2022): v.2 no.2 pp. 100248.
6. Mohapatra, Sradhanjali, Ashif Iqbal, Mohammad Javed Ansari, Bisma Jan, Sultan Zahiruddin, Mohd Aamir Mirza, **Sayed Ahmad**, and Zeenat Iqbal. "Benefits of Black Cohosh (*Cimicifuga racemosa*) for Women Health: An Up-Close and In-Depth Review." *Pharmaceuticals* 15, no. 3 (2022): 278. doi: 10.3390/ph15030278.
7. Basist, Parakh, Bushra Parveen, Sultan Zahiruddin, Gaurav Gautam, Rabea Parveen, Mohammad Ahmed Khan, Anuja Krishnan, Mohd Shahid, and Sayeed Ahmad. "Potential nephroprotective phytochemicals: Mechanism and future prospects." **Journal of ethnopharmacology** 283 (2022): 114743.
8. Obika, Pascaline, Jessica Beamon, Sumera Ali, Nandni Kakar, Arturo Analla, Lubna Shihadeh, Savan Patel, Brionna Hudso, Faaeiza Khan, Melany Puglisi-Weening, Parakh Basist, Sayeed Ahmad, Mohd Shahid, 2022. "Herbal medicines for the treatment of metabolic syndrome." In *Herbal Medicines*, pp. 139-191. Academic Press, 2022, <https://doi.org/10.1016/B978-0-323-90572-5.00007-X>
9. **Ahmad, Sayeed**, Arun Gupta, and C. K. Katiyar. "Clinical research on herbal/ASU/traditional drugs in India." In *Evidence-Based Validation of Herbal Medicine*, pp. 739-753. Elsevier, 2022, <https://doi.org/10.1016/B978-0-323-85542-6.00035-4>.
10. Abass, Sageer, Rabea Parveen, Mohammad Irfan, Bisma Jan, Syed Akhtar Husain, and Sayeed Ahmad. "Synergy Based Extracts of Medicinal Plants: Future Antimicrobials to Combat Multidrug Resistance." *Current Pharmaceutical Biotechnology* (2022), 23(13): 1527-1540. doi: 10.2174/1389201023666220126115656.
11. **Ahmad, Sayeed**, Chandra Kant Katiyar, Gudrun S. Ulrich-Merzenich, and Pulok Kumar Mukherjee. "Metabolomics and Ethnopharmacology in the Development of Herbal and Traditional Medicine." **Frontiers in Pharmacology**, (2022) 13:851023, doi: 10.3389/fphar.2022.851023. **Editorial**
12. Gaurav, Parveen, Bushra; Khan, Mohammad Umar; Sharma, Ikshit; Sharma, Anil Kumar; Parveen, Rabea; Ahmad, Sayeed; , A Systematic Review on nephron protective AYUSH drugs as constituents of NEERI-KFT (A traditional Indian polyherbal formulation) for the management of chronic kidney disease, *Saudi Journal of Biological Sciences*, 2021, 28(11): 6441-6453. <https://doi.org/10.1016/j.sjbs.2021.07.008>.
13. Jan, Bisma; Parveen, Rabea; Zahiruddin, Sultan; Khan, Mohammad Umar; Mohapatra, Sradhanjali; Ahmad, Sayeed; Nutritional constituents of mulberry and their potential applications

in food and pharmaceuticals: A review, **Saudi Journal of Biological Sciences**, 2021, 28(7): 3909-3921, <https://doi.org/10.1016/j.sjbs.2021.03.056>.

14. Ahmad, Sayeed; Zahiruddin, Sultan; Parveen, Bushra; Basist, Parakh; Parveen, Abida; Parveen, Rabea; Ahmad, Minhaj; , Indian medicinal plants and formulations and their potential against COVID-19–preclinical and clinical research, **Frontiers in pharmacology**, 11, 2470, **2021**, <https://doi.org/10.3389/fphar.2020.578970>.
15. Zoya Malik, Sultan Zahiruddin, Parakh Basist, Rabea Parveen, SA Husain and **Sayeed Ahmad** (2020) Anticancer potential of andrographolide from *Andrographis paniculata* and its mechanism of actions, **Journal of Ethnopharmacology**, Volume 272, 2021, 113936, ISSN 0378-8741, <https://doi.org/10.1016/j.jep.2021.113936>.
16. Bushra Parveen, Abida Parveen, Rabea Parveen, **Sayeed Ahmad**, Minhaj Ahmad and Muhammad Iqbal (2020). Challenges and opportunities for traditional herbal medicine today with special reference to its status in India. *Ann. Phytomed.*, 9(2):97-112. <http://dx.doi.org/10.21276/ap.2020.9.2.8>
17. Mohapatra, Sradhanjali; Iqbal, Zeenat; **Ahmad, Sayeed**; Kohli, Kanchan; Farooq, Uzma; Padhi, S; Kabir, Mariya; Kumar, P Ayash; , Menopausal Remediation and Quality of Life (QoL) Improvement: Insights and Perspectives., *Endocrine, Metabolic & Immune Disorders Drug Targets (Formerly Current Drug Targets - Immune, Endocrine & Metabolic Disorders)*, 20, 10, 1624-1636, 2020, DOI : [10.2174/1871530320666200730225830](https://doi.org/10.2174/1871530320666200730225830), ISSN (Print): 1871- 5303, **IF 1.16**
18. Zahiruddin, Sultan; Basist, Parakh; Parveen, Abida; Parveen, Rabea; Khan, Washim; **Ahmad, Sayeed**; Ashwagandha in brain disorders: A review of recent developments, *Journal of Ethnopharmacology*, 257, 112876, 2020. DOI: <https://doi.org/10.1016/j.jep.2020.112876>, ISSN: 0378-8741, **IF 3.690**
19. Ansari, Mohd Hafizur Rehman; **Ahmad, Sayeed**; Herbs that heal: Natural remedies for health promotion and longevity, **Annals of Phytomedicine. An International Journal**, 8, 1, 7-18, 2019. ISSN (Print): 2278-9839
20. M. Fahim, B. Shrivastava, A. K. Shrivastava, M. Ibrahim, R. Parveen, **S. Ahmad**. Review on extraction methods, antioxidant and antimicrobial properties of volatile oils. **Annals of Phytomedicine**, 2018; 6(2): 5-46. ISSN (Print): 2278-9839
21. Bagri P, Chester K, Khan Washim, **Ahmad S.** (2017). Aspects of extraction and biological evaluation of naturally occurring sugar-mimicking sulfonium-ion and their synthetic analogues as potent α -glucosidase inhibitors from *Salacia*. **RSC Advances**, 7, 28152-28185. ISSN (Print): 2046-2069 (**I.F. 3.07**)
22. K Chester, ET Tamboli, SK Paliwal, S Ahmad, (2016) Significance of molecular markers in pharmacognosy: A modern tool for authentication of herbal drugs, **Drug Development and Therapeutics** 7 (2), 96
23. Dhiman A, Nanda A, **Sayeed Ahmad** (2016). A Quest for staunch effects of flavonoids: Utopian protection against hepatic ailments, **Arabian Journal of Chemistry**, 9, S2, S1813-S1823. (<http://dx.doi.org/10.1016/j.arabjc.2012.05.001>). ISSN: 1878-5352, **IF 4.52**
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2. Varsha Srivastava, Monalisha Samal, Areeba Insaf, Sayeed Ahmad (2020), Anti-infective Potential (Dafa-eta'Affun) of Unani Medicine, pp 93-97, published in conference proceeding of 3rd UDMA day celebration on 11th October 2020
3. Monalisha Samal, Varsha Srivastava, Shahid H Ansari, Sayeed Ahmad, (2020) Quality Control of Unani Medicines, pp 98-101, published in conference proceeding of 3rd UDMA day celebration on 11th October 2020
4. Areeba Insaf, Bushra Parveen, Sultan Zahiruddin, Sayeed Ahmad, (2020) Treatment for hyperpigmentation in Unani system of medicine, pp 102-105, published in conference proceeding of 3rd UDMA day celebration on 11th October 2020
5. Parakh Basist, Gaurav, Bushra Parveen, Sayeed Ahmad, Unani Medicine: An Overview of Kidney Disorder Management, pp 106-108, published in conference proceeding of 3rd UDMA day celebration on 11th October 2020
6. Muzayyana Khan, Mohammad Ibrahim, Ijhar Ahmad, Sayeed Ahmad (2020) Need of Modernization and Globalization of Unani medicine, pp 109-112, published in conference proceeding of 3rd UDMA day celebration on 11th October 2020
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9. Mohammad Umar, Bisma Jaan, Sultan Zahiruddin, SM Azmat, Sayeed Ahmad (2020) Sharbat-e-Bazoori (Motadil, Haar, Barid): An overview of Nephroprotective Unani formulation, pp 124-126, published in conference proceeding of 3rd UDMA day celebration on 11th October 2020
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15. R. Zafar, Setare Asmari, **Sayeed Ahmad**, (2004). Production of Sarsasapogenin from Tissue culture of *Asparagus racemosus* and its Quantification by HPTLC, Proceedings of 2nd

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PROCEEDINGS (SHORT PAPERS) OF CONFERENCES IN JOURNALS: (22)

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2. N.A. Siddique, M. Mujeeb, **S. Ahmad**, M. Aamir, M. Rshid. Analysis of toxic heavy metals and pesticides in *Mucuna pruriens* by spectroscopic methods. **Toxicology Letters** 2013; 221: S197. (IF- 2.4)
3. M Amir, M Mujeeb, **A Sayeed**, M Akhtar, YT Kamal, K Ashraf, Simultaneous Quantitative HPLC Analysis of Ascorbic Acid, Gallic Acid, and Catechin in *Punica granatum*, *Tamarindus indica* and *Prunus domestica*, **Planta Med** 2013; 79 - P134, DOI: 10.1055/s-0033-1336576 (IF- 2.348), ISSN: 0032-0943
4. A. Ali, MA Khan, H Kabir, **S Ahmad**, MZ Abidin, Development and Validation of a Simple RP-HPLC Method for Simultaneous Estimation of Three Therapeutically Active Compounds in a Polyherbal Formulation: Habb-e-Irqun-Nisa, **Planta Med** 2013; 79 - P121, DOI: 10.1055/s-0033-1336563 (IF- 2.348), ISSN: 0032-0943
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6. R Parveen, FJ Ahmad, Z Iqbal, **S Ahmad**, Effect of Andrographolide Solid Lipid Nanoparticles (SLNs) on Breast Cancer, **Planta Med** 2013; 79 - P105, DOI: 10.1055/s-0033-1336547 (IF- 2.348), ISSN: 0032-0943
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9. **S Ahmad**, M Singh, R Parveen, Validation of Cardio Protective Activity of Standardized Extracts of Unani Medicinal Plants Listed in Ibn-e-Sina's Treatise, **Planta Med** 2013; 79 - P102, DOI: 10.1055/s-0033-1336544 (IF- 2.348), ISSN: 0032-0943
10. **Sayed Ahmad**, Wasim Ahmad, Mohammed Ahmed Khan, Rabea Parveen, Masood Shah Khan, Ashwani Malhotra, Mohammad Husain, S.M. Arif Zaidi (2011). Antirolithiatic Activity of an Unani HerboMineral Formulation, FR-PO1178, **Journal of Americal Association of Nephrology**, abstract supplement, pp 385A (IF- 9.66), ISSN: 0032-0943

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12. Ahmad, W; Khan, MS; Zaidi, SMA; Jameel, SS; **Ahmad, S**, Quality Control Analysis of Safoof-e-Pathar Phori, A Unani Herbo-mineral Formulation, **Planta Med** 2011; 77, DOI: 10.1055/s-0031-1274878, pp – 154. (IF- 2.348), ISSN: 0032-0943
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15. Khan, MS; Ahmad, W; Singh, M; Ansari, SH; Siddiqui, KM; **Ahmad, S**, Quality Control Analysis of Khamira Marwareed a Unani Cardioprotective Formulation, **Planta Med** 2011; 77, DOI: 10.1055/s-0031-1273621, ICBS-2011, Missisipi USA, pp – 92. (IF- 2.348), ISSN: 0032-0943
16. **Ahmad, S**; Tamboli, ET; Garg, M; Singh, M; Kamal, YT; Mujeeb, M, HPTLC Fingerprints as Tool to Study Effect of Geographical Condition on Plant Metabolites, **Planta Med** 2011; 77, DOI: 10.1055/s-0031-1273620, pp – 91. (IF- 2.348), ISSN: 0032-0943
17. Parveen, R; Kamal, YT; Singh, M; Tamboli, ET; Rahman, S; **Ahmad, S**; Ahmad, FJ, Development of Analytical Methods (RP-HPLC and HPTLC) for the Fast Analysis of Glabridin in Crude Drug and Unani Formulations, **Planta Med** 2011; 77 DOI: 10.1055/s-0031-1273619, pp – 90. (IF- 2.348), ISSN: 0032-0943
18. Singh, M; Kamal, YT; Tamboli, ET; Parveen, R; Siddiqui, KM; **Ahmad, S**, Development of Analytical Methods for the Estimation of Alpinetin in Seeds of Amomum subulatum Roxb, **Planta Med** 2011; 77 DOI: 10.1055/s-0031-1273618, pp – 89. (IF- 2.348), ISSN: 0032-0943
19. Kamal, YT; Singh, M; Tamboli, ET; Parveen, R; Rehman, S; Ahmad, W; Khan, MS; Siddique, KM; **Ahmad, S**, Evaluation of Unani Anti-Inflammatory Polyherbal Formulation using Validated HPLC Methods, **Planta Med** 2011; 77 DOI: 10.1055/s-0031-1273617, pp – 88. (IF- 2.348), ISSN: 0032-0943
20. Athar, MT; Musthaba, SM; Ahmad, N; Mallick, MN; Baboota, S; Ali, J; **Ahmad, S**: Validated UPLC/MS Method for the Determination of Salannin in Nimbatiktum (Anti Psoriatic Herbal Formulation), **Planta Med** 2011;77 DOI: 10.1055/s-0031-1273616, pp – 87. (IF- 2.348), ISSN: 0032-0943
21. S.H. Ansari, **S. Ahmad**, M. Ali (2008). Enhanced *in vitro* production of vasicine and vasicinone from callus cultures of *Adhatoda vasica* Nees., **Planta Medica**, 74, 3, 203. DOI: 10.1055/s-2008-1075240. (IF- 2.348). ISSN: 0032-0943
22. Naseem Akhtar, Javed Ali, Yasmin Sultana, Sanjula Baboota and **Sayed Ahmad**, (2007). Innovative topical microemulsion gel of babchi oil (*Psoralea corylifolia*) as antipsoriatic agent, **J Pharmacy and Pharmacology**, 59 (S1): A-53, (IF-1.718)

1. XX-Quality improvement programme on “Recent Advances in Pharmaceutical Sciences” held during 5th – 9th December 2016 at Delhi Institute of Pharmaceutical Sciences & Research, New Delhi
2. 16th Refresher Course in Biotechnology, 4 weeks, from 28th July 2014- 22nd August 2014 at Academic Staff College JNU, New Delhi sponsored by UGC
3. ISTE sponsored Faculty Awareness Camp on Entrepreneurship (FACE), Faculty of Pharmacy, Jamia Hamdard, New Delhi-62, 02nd November, 2008.
4. First National Hands-on-Workshop organized by Department of Ocular Pharmacology and Pharmacy, AIIMS, on “Bioanalytical Techniques in PK Studies- From Method Development to Data Interpretation,” 8th -9th February, 2008.
5. Development and Standardization of Herbal Formulation, ISTE sponsored short term training program at P. D. M. College of Pharmacy, Sarai Aurangabad, Bahadur Garh Haryana (March, 26th – 30th 2007).
6. 14th quality improvement program, *Recent Advances in Pharmaceutical Sciences*, sponsored by AICTE, held at Delhi Institute of Pharmaceutical Sciences & Research, New Delhi, February 27th – March 3rd 2006.
7. 13th quality improvement program, *Recent Advances in Pharmacological Sciences*, sponsored by AICTE, held at Delhi Institute of Pharmaceutical Sciences & Research, New Delhi, 21st – 25th November 2005.
8. 11th quality improvement program, *Recent Advances in pharmaceutical Sciences*, sponsored by AICTE, held at Delhi Institute of Pharmaceutical Sciences & Research, New Delhi, 25th – 29th October 2004.

CONFERENCES AND SEMINARS ATTENDED:>60

1. **Jamia Hamdard, New Delhi:** “Food processing nutrition and fortification with emphasis on Vitamin D,” 5-6th March, 2020.
2. **Jamia Hamdard, New Delhi:** “7th International Congress of Society for Ethnopharmacology (SFEC 2020), 15- 17th February, 2020.
3. **Jamia Hamdard, New Delhi:** “Chromatographic solutions: The science and practice of HPLC”, 25th September, 2019.
4. **Kolkata, West Bengal:** 6th Convention: SFE – INDIA, 2019 National Seminar on “Translational Research of Traditionally used Indian medicinal plants with special reference to *Tinospora cordifolia*” September 07-08, 2019
5. **NCNPR, Mississippi, USA:** 19th Annual International Conference on the Science of Botanicals (ICSB) held in April 8th – 11th, 2019 in Oxford, Mississippi
6. **Bangalore, Karnataka:** National Conference for Celebration of Unani Day at NIUM, Bangalore, 14th February 2019.
7. **Jamia Hamdard, New Delhi:** “New horizons in drug discovery and development: The role of NMR”, 18th February, 2019.

8. **Manipal, Karnataka:** 6th Congress of Society for Ethnopharmacology held at Manipal, MAHE in Feb 8-10, 2019.
9. **Chiang Rai, Thailand:** to attend **1st International Conference on Globalization of Traditional Medicine 2018**, Chiang Rai, Thailand on December 6-7, 2018 organized by Mae Fah Luang University, Chiang Rai Thailand and SFE India.
10. **Bangkok, Thailand:** to attend **HPTLC Asia 2018, International Symposium for High-Performance Thin-Layer Chromatography**, in Bangkok, Thailand on November 28-30, 2018
11. **Jamia Hamdard, New Delhi:** National Conference on "Current trends in Translational medicines and pharmacovigilance: Stress on skill development", 5-6th October, 2018.
12. **USA:** To attend **18th ICSB (International Conference of Science and Botanicals)**, Oxford Conference Centre, Oxford, Mississippi, USA- April 9-12, 2018.
13. **Bangladesh:** To attend **18th ISE & 5th SFEC**, at Nabab Nawab Ali Chaudhary Senate Bhawan, University of Dhaka, Bangladesh- January 13-15, 2018, and as Chairperson & Speaker
14. **Berlin, Germany:** International Symposium for High Performance Thin Layer Chromatography 2017, at Berlin, Germany (4th to 8th July 2017)
15. **Surat, Gujrat:** 4th congress of the the society for Ethnopharmacology India, organized at Uka Tarsadia University, Bardoli, Surat during February 23-25, 2017.
16. 10th International symposium on Chromatography of Natural Products held in Lublin Poland on 6th – 9th June 2016
17. Two days workshop on "Recent advances in Molecular Modelling and drug design" organized by Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Jamia Hamdard on November 21st – 22nd 2015
18. UGC SAP sponsored national Seminar, Organised by Department of Biotechnology, Jamia Hamdard, New Delhi
19. 65th IPC 2013 on 20th – 22nd Dec 2013 at Amity University, Noida organized by IPCA
20. AYUTECH – 2013, ON 3RD – 5TH July 2013 at The Lalit Hotel, New Delhi, organized by UBM India Pvt Ltd
21. Health Care India 2012 Congress, New Delhi, APA International Congress on Advances in Human Health care systems, February 20 -24, 2012
22. 12th International Congress of Ethnopharmacology entitled "Traditional medicine and Globalization – The Future of Ancient system of Medicine" organized by School of Natural Product Studies, Jadavpur University, Kolkata, February 17 -19, 2012
23. Fourth National Conference on Biotechnology and Pharma Industry, Organised by SBS college of Pharmacy, Patti, Amritsar, Punjab organized by PTU and DBT, January 28th – 29th 2012
24. ASN Kidney Week 2011, Pennusylvania Convention Centre, Philadelphia, USA, November 8-13, 2011
25. AAPS Annual Meeting and exposition 2011, Washington DC, USA
26. Group Monitoring Workshop Meeting at University of Jammu, Jammu dated 08-09 April 2010
27. World Health and Asian Traditional (WHAT) Medicine Conference- 2009, Putra World Trade Centre, Kuala Lumpur, Malaysia, 19-20th June, 2009.

28. RCH Pharma Med, 2009, National Conference, sponsored by AYUSH, Jamia Hamdard Nagar, New Delhi-62, 17-18th April, 2009.
29. AICTE sponsored National Seminar on Emerging Trends in Pharmaceutical Sciences, Faculty of Pharmacy, Jamia Hamdard, New Delhi-62, 21-22nd March, 2009
30. Indian Congress of Pharmacy & Pharmaceutical Sciences (ICPPS) and Indian Pharmaceutical Association (**IPA**) Convention 2009, 14-15th, March DIPSAR, Delhi
31. 20th International Symposium on Pharmaceutical and Biomedical Analysis, PBA-2009, Agra, India, March 1-4, 2009.
32. Indo-US Symposium on Cancer Nanotechnology sponsored by Indo-US Science and Technology Forum and host by Jamia Hamdard (Hamdard University), New Delhi, February 4th-6th, 2009.
33. Indian Pharmaceutical Congress (60th IPC), New Delhi – (December, 12-14, 2008).
34. National Symposium on Environmental Stress and Bioresource Management and 28th Annual Session of The Academy of Environmental Biology organized by Department of Botany, Jamia Hamdard (Hamdard University), New Delhi and The Academy of Environmental Biology, Lucknow, November 20-22, 2008.
35. Professional Development Program organized by Indian Pharmaceutical Association, Delhi Branch on 6th September, 2008 at Indian Habitat Centre, New Delhi.
36. Attended workshop on rheumatoid arthritis organized by CCRUM, Department of AYUSH, Ministry of Health and Family Welfare, Govt of India, at Jamia Hamdard, New Delhi (August 27-28, 2007).
37. Indian Pharmaceutical Congress (59th IPC), Varansi – (December, 21-23rd 2007).
38. International Conference on Traditional System of Medicine, 30-31 October, 2007, Jamia Hamdard New Delhi
39. *Pharmaceutical Science World Congress* – FIP-2007, Beijing, China. August 31- September 6, 2007
40. National Seminar on Biotechnology and Human Welfare, Department of Biotechnology, Jamia Hamdard, New Delhi, (March, 19 – 20th 2007).
41. One day- seminar on AIDS, sponsored by CCRUM, Indian Islamic Centre Delhi, January 2007.
42. Indian Pharmaceutical Congress (58th IPC), Mumbai – (December, 1-3rd 2006).
43. National Symposium on Emerging Trends in Biotechnology, Deshbandhu College, University of Delhi, Organized by DBT (November, 16 – 17th 2006).
44. Three days Seminar on NMR organized by Jamia Hamdard, New Delhi. (17-19 August, 2006).
45. Symposium on herbal drugs in new Millennium, organized by Ranbaxy Science Foundation (March, 25th 2006).
46. Half day Seminar on Patents organized by IPA- Delhi branch in DIPSAR (March 2006).
47. Indian Pharmaceutical Congress (57th IPC), Hyderabad – December 2005.
48. Satellite session of third international conference on plants and environmental pollution (Herbal drugs and Environmental pollution), JH, New Delhi, December 2005.
49. Intellectual Properties Rights Awareness Seminar on Pharmaceuticals organized by Faculty of Pharmacy, Jamia Hamdard, New Delhi (February 26, 2005).

50. International Conference on Unani Medicine organized by CCRUM, Vigyan Bhawan, New Delhi (February 8-11 2005).
51. National Seminar on Analytical Science organized by Indian Society of Analytical Scientist and Jamia Hamdard (February 9, 2005).
52. XVII- Annual Conference of National Environmental Science Academy on Recent Trends in Environmental Sciences, Jamia Hamdard, New Delhi, 24 – 26 April, 2004.
53. International seminar on Herbal Drugs World Herbo Expo-2004, Bhopal, India, sponsored by MHRD & DBT, January (12-14) 2004.
54. National workshop on Institute-Industry Interaction on research in Unani Medicine to Identify areas of Collaboration, Hamdard University, New Delhi, sponsored by MHRD & CCRUM, January (7-9) 2004,
55. National Symposium on Plant Biology and Biodiversity in Changing Environment (Indian Botanical Society), Hamdard University, New Delhi, December (29-31) 2003.
56. National seminar on New Millennium Strategies for Quality, Safety and GMPs of Herbal Drug Products, at NBRI Lucknow, November (11 – 13) 2003.
57. Indian Pharmaceutical Congress (54th IPC) Pune – 2002.
58. 1st annual Conference of Indian Hospital Pharmacist Association. (27th Oct-2002), St. Stephen Hospital New Delhi.
59. CEC Indian Pschychiatric Society North Zone New Delhi 2002.
60. Swadeshi Arogya Mela New Delhi – 2001.
61. Indian Pharmaceutical Congress (53rd IPC) New Delhi – 2001.

Academic tours for excursion of Medicinal Plants

- Conducted educational tour (10-15 days each) of Southern India (Coimbatore, Ooty, Mysore and Banglore, Kerala, Sikkim, Darjeeling etc) of B Pharm 3rd year Students in December of 2006, 2008, 2010, 2012 and 2014, 2016, 2018 for excursion of medicinal plants

Invitation as Subject Expert (Examiner/ Inspector):>15

1. Ph D Thesis evaluation JNU, New Delhi
2. Ph D thesis evaluation CSIR, CIMAP
3. Evaluation of Pharmacopoeia of UAE
4. Ph D Examiner University of Khartoum, Sudan
5. Ph D Examiner: Tshwane University, South Africa
6. Examiner Ph D: Jamia Millia Islamia, New Delhi (2014)
7. External Examiners for UG and PG courses at Nagpur University, UPTU, PTU, RTU, Sikkim University etc (2009-2013)
8. Inspected, Rajiv Academy of Technical Education, Mathura, May 2008 as Technical Expert – Pharmacy and Pharmacognosy, UPTU.

9. Inspected, GLA Academy of Science and Technical Education, Mathura, May 2008 as Technical Expert - Pharmacy, UPTU.
10. Inspected, Agra Public School Pharmacy College, Agra, May 2008 as Technical Expert, UPTU.
11. Inspected, Agra Pharmacy College, Agra, UP, May 2008 as Technical Expert, UPTU.
12. External Examiner in Nagpur University, UP Technical University and Rajasthan Technical University for UG courses 2007-2008.
13. Invited as subject expert for National Scientific Digital Library content preparation by CSIR, New Delhi 2007.
14. External Examiner in HNB Garhwal University, Delhi University, Indraprastha University, UP Technical University and Delhi Technical board for UG courses 2006-2007.
15. External Examiner (D. Pharm, B. Pharm, M. Pharm): DIPSAR, DU

PAPER PRESENTED IN CONFERENCES ABROAD (57):

1. 19th Annual International Conference on the Science of Botanicals (ICSB) held in April 8th – 11th, 2019 in Oxford, Mississippi, delivered talk on "Metabolomic analysis of unani and ayurvedic medicines for scientific validation of traditional claims " at the University of Mississippi and the National Center for Natural Products Research.
2. **1st International Conference on Globalization of Traditional Medicine 2018**, Chiang Rai, Thailand on December 6-7, 2018 delivered talk on "Modernization and metabolomics analysis of traditional medicines for globalization and scientific validation of traditional claims" organized by Mae Fah Luang University, Chiang Rai Thailand and SFE India.
3. **HPTLC Asia 2018, International Symposium for High-Performance Thin-Layer Chromatography**, in Bangkok, Thailand on November 28-30, 2018 delivered talk on "A novel high-performance thin-layer chromatography-hyphenated bioautography method for identification of carbohydrate digesting enzyme inhibitory metabolites".
4. Visited University of Gezira at Madani State, Gezira on 07/08/2018 and delivered talk entitled "Drug development from natural resources: basics to metabolomics"
5. Delivered public lecture entitled "Chromatographic analysis and metabolomic profiling of herbal medicine for modernization and drug discovery" at Sayed Almubarak Hall of University of Kharoum, Sudan on 12th August 2018
6. Delivered a public lecture entitled "Quality control & Scientific Validation of Traditional Claims of Herbal Medicine" at Faculty of Pharmacy of Omdurman Islamic University, Omdurman, Sudan on 15th August 2018
7. "Hypoglycemic potential and Metabolomic profiling of *Butea monosperma*" at Oxford Conference Centre, **Missisipi, USA** on 9th April 2018, University of Missisipi, Memphis, USA
8. "Metabolomic profiling of herbal drugs for scientific validation of traditional claims" on 13th April 2018, **Chicago State University, Chicago, USA**

9. "Metabolomic analysis of ethnomedicines for scientific validation of traditional claims" on 14th January 2018, at University of Dhaka, Bangladesh in 18th ISE & 5th SFEC
10. **Sayed Ahmad** (2017). "Herbal Medicine & Food Supplements: Market Authorization and Quality Control" at National Medicines & Poison Board, Sudan on 9th September 2017 at 11:0 am – 1:0 pm, Aired on News of Sudan National TV
11. **Sayed Ahmad** (2017). "Drug Development from Natural Resources" at University of Khartoum, Sudan on 11th September 2017 (1:0 – 3:0 pm).
12. **Sayed Ahmad** (2017). "HPTLC Studies on Single Drugs and Compound Formulations of Indian System of Medicine" (Oral Lecture), Delivered at International Symposium on High Performance Thin Layer Chromatography (HPTLC 2017), at Maritim Pro Arte Hotel, Berlin, Germany on 4th – 8th July 2017
13. Sayeed Ahmad, Washim Khan, Katiyar CK (2016). Chromatographic profiling of Pancharishta at different stages of its development using HPTLC, HPLC, GC-MS and LC-MS (Oral Presentation), presented at 10th International symposium on Chromatography of Natural Products held in Lublin Poland on 6th – 9th June 2016
14. Sayeed Ahmad, Iftexhar Ahmad, Javed Alam, Washim Khan (2016). Chromatographic analysis and exploitation of traditional UNANI formulation for nonalcoholic fatty liver disease (Poster presentation), presented at 10th International symposium on Chromatography of Natural Products held in Lublin Poland on 6th – 9th June 2016
15. Varisha Anjum, Sayeed Ahmad (2016). Reversal of Dengue fever related thrombocytopenia using *Carica papaya* leaf (Poster presentation), Presented at 10th International symposium on Chromatography of Natural Products held in Lublin Poland on 6th – 9th June 2016
16. Washim Khan, Sayeed Ahmad, (2016). GC-MS metabolomics and anti-diabetic potential of aqueous extract of *Moringa oleifera* (Poster), Presented at 10th International symposium on Chromatography of Natural Products held in Lublin Poland on 6th – 9th June 2016
17. Ikshit Sharma, Washim Khan, Sayeed Ahmad, (2016). *In vitro* and *Ex vivo* approach for anti-urolithiatic potential of bioactive fractions of Gokharu with simultaneous HPLC analysis of six major metabolites and their exploration in rat plasma (Poster Presentation), presented at 10th International symposium on Chromatography of Natural Products held in Lublin Poland on 6th – 9th June 2016. Ahmad, S.M.A. Zaidi, **S. Ahmad**. Validated UPLC/Q-TOF-MS method for the quantitative estimation of emodin in *Rheum emodi* and traditional formulation. **PBA 2013**, Bologna, Italy, June 30 July 3rd 2013.
18. Sadiq Umar, Sayeed Ahmad, Chandra Kant Katiyar and Haider A. Khan, Combination therapy of methotrexate with pycnogenol attenuates the over expression of Pro-Inflammatory Cytokines, decreased oxidative stress and improves clinical signs in collagen induced arthritis. Accepted for presentation in 5th EMBO meeting to be held in September 21-24, 2013, in Amsterdam.
19. Sadiq Umar, Sayeed Ahmad, Chandra Kant Katiyar and Haider A. Khan, Combination therapy of methotrexate with ellagic acid attenuates the over expression of Pro-inflammatory Cytokines and modulates antioxidant status in collagen induced arthritis. Accepted in 15th International congress of Immunology and publication in the *Frontiers in Immunology* to be held in August 22-27, 2013, in Milan, Italy.
20. Sadiq Umar, Sayeed Ahmad, Chandra Kant Katiyar and Haider A. Khan, Combination therapy of methotrexate with pycnogenol attenuates the over expression of Pro-Inflammatory Cytokines,

decreased oxidative stress and improves clinical signs in collagen induced arthritis. Accepted for presentation in 5th EMBO meeting to be held in September 21-24, 2013, in Amsterdam.

21. W. Ahmad, S.M.A. Zaidi, **S. Ahmad**. Validated UPLC/Q-TOF-MS method for the quantitative estimation of emodin in Rheum emodi and traditional formulation. **PBA 2013**, Bologna, Italy, June 30 July 3rd 2013.
22. Sadiq Umar, Sayeed Ahmad, Chandra Kant Katiyar and Haider A. Khan, Pycnogenol Ameliorate Collagen-Induced Arthritis Through Modulating Inflammatory Mediators, Decreases Oxidative Stress, And Improves Clinical Signs in Wistar Rats. (Accepted for publication in the official Congress Abstract Book of EULAR, 6-9 June, 2012).
23. Sadiq Umar, Sayeed Ahmad, Chandra Kant Katiyar and Haider A. Khan, Anti-inflammatory and antiarthritic of thymoquinone against collagen induced arthritis in Wistar rats. *Rheumatology*, Vol 51, supplement 1, 2012.
24. Siddique N, Mujeeb M, **Ahmad S**, Aamir M, Tamboli E T, Khan M, A validated HPTLC method for quantitative determination of dopamine in nephroprotective plants. Mechanism-Based Natural Product Development Conference held in Whistler Mountain convention centre BC, **Canada** on 21-22nd Sept 2012.
25. Sayeed Ahmad, Wasim Ahmad, Mohammed Ahmed Khan, Rabea Parveen, Masood Shah Khan, Ashwani Malhotra, Mohammad Husain, S.M. Arif Zaidi. Antiuro lithiatic Activity of an Unani HerboMineral Formulation, FR-PO1178, Journal of Americal Association of Nephrology, abstract supplement, ASN Kidney Week 2011, Pennusylvania Convention Centre, Philadelphia, USA, November 8-13, 2011, pp 385A
26. Suruchi Suri, Rabea Parveen, FJ Ahmad, Z Iqbal, Sayeed Ahmad. Developing and formulating a nanosized delivery system for a combination of Taxanes with a polyphenolic compound, T3230, AAPS Annual Meeting & Exposition 2011, Washington DC, October 23-28, 2011.
27. Rabea Parveen, FJ Ahmad, Z Iqbal, Sayeed Ahmad, Formulation of novel drug delivery system for anticancer terpenoidal drugs: Optimization, encapsulation study, characterization and in vitro release, T3208, AAPS Annual Meeting & Exposition 2011, Washington DC, October 23-28, 2011.
28. Rabea Parveen, FJ Ahmad, Z Iqbal, Sayeed Ahmad, Simultaneous RP-HPLC method for quantification of anticancer terpenoids andrographolide and betulinic acid in Pharmaceutical formulation, T2311, AAPS Annual Meeting & Exposition 2011, Washington DC, October 23-28, 2011.
29. Sayeed Ahmad, Tanwir Athar, Rabea Parveen, Validated UPLC/MS Method for Quantitative Determination of Azadirachtin Content in Nimbatiktum (anti psoriatic herbal formulation), M1200, AAPS Annual Meeting & Exposition 2011, Washington DC, October 23-28, 2011.
30. Rabea Parveen, Mhaveer Singh, Kamal Y. T., Md. Tanwir Athar, Ennus Tajuddin Tamboli, Sayeed Ahmad, Ansari S. H., HPTLC method for determination of crocetin in crude drug and anti-oxidant potential of saffron, September 18-21, 2011, P-W-131, AOAC Annual Meeting 2011, New Oreleans, Luciana USA
31. Sayeed Ahmad, Mhaveer Singh, Kamal Y. T., Rabea Parveen, Md. Tanwir Athar, Ennus Tajuddin Tamboli, Ansari S. H. , Simultaneous estimation of crocin and safranal in saffron by a newly developed and validated HPLC-UV method, September 18-21, 2011, P-W-105, AOAC Annual Meeting 2011, New Oreleans, Luciana USA
32. Ansari S. H., Sayeed Ahmad, Md. Tanwir Athar, Rabea Parveen, Ennus Tajuddin Tamboli, Quantification of eugenol in hydro distilled clove oil (*Eugenia caryophyllus*) and its marketed

products by validated GC/MS method, September 18-21, 2011, AOAC Annual Meeting 2011, P-W-106, New Orleans, Louisiana USA

33. Siddique N.A., Mujeeb M. Ahmad S., Amir M., Tamboli E.T. Development and validation of HPTLC method for estimation of umbelliferone and quercetin in *Aegle marmelos* formulation, P-10y, 236 HPTLC 2011, Basel, International Symposium for High-Performance Thin-Layer Chromatography (HPTLC 2011), BASEL, 06th - 08th July 2011.
34. Ahmad S., Singh M., Kamal Y.T., Tamboli E.T., Parveen R. HPTLC method for separation and simultaneous quantification of withanoloids, P-10w, 234 HPTLC 2011, Basel, International Symposium for High-Performance Thin-Layer Chromatography (HPTLC 2011), BASEL, 06th - 08th July 2011.
35. Kamal Y.T., Ahmad S., Singh M., Tamboli E.T., Parveen R. HPTLC method for quantification of crocetin in saffron, P-8m, 194 HPTLC 2011, Basel, International Symposium for High-Performance Thin-Layer Chromatography (HPTLC 2011), BASEL, 06th - 08th July 2011.
36. Singh M., Ahmad F., Athar T., Ahmad S., Kamal Y.T., Mukhtar H. M. HPTLC method for analysis of colchicine in Unani formulations containing suranjaan talkh and suranjaan seerin, P-7i, 164 HPTLC 2011, Basel, International Symposium for High-Performance Thin-Layer Chromatography (HPTLC 2011), BASEL, 06th - 08th July 2011.
37. Parveen R., Ahmad F.J., Iqbal Z., Singh M., Kamal Y.T., Ahmad S. Simultaneous estimation of anticancer terpenoids andrographolide and betulinic acid by HPTLC method, P-6j, pp139, HPTLC 2011, Basel, International Symposium for High-Performance Thin-Layer Chromatography (HPTLC 2011), BASEL, 06th - 08th July 2011.
38. Mujeeb, M; Siddique, NA; Ahmad, A; Ahmad, S, Molecular and Chemical Evaluation of *Aegle marmelos* (L.), *Planta Med* 2011; 77, DOI: 10.1055/s-0031-1274879, ICBS-2011, Mississippi USA, pp – 155.
39. Ahmad, W; Khan, MS; Zaidi, SMA; Jameel, SS; Ahmad, S, Quality Control Analysis of Safoof-e-Pathar Phori, A Unani Herbo-mineral Formulation, *Planta Med* 2011; 77, DOI: 10.1055/s-0031-1274878, ICBS-2011, Mississippi USA, pp – 154.
40. Amir, M; Mujeeb, M; Sayeed, A; Aftab, A; Aqil, M, Antioxidant and Hepatoprotective Activity of Rhizome and Callus Culture of *Dioscorea deltoidea* Against D-galactosamine Induced Hepatotoxicity in Rats, *Planta Med* 2011; 77, DOI: 10.1055/s-0031-1273670, ICBS-2011, Mississippi USA, pp – 141.
41. Ahmad, N; Ahmad, FJ; Ahmad, S; Iqbal, Z; Shamim, M; Khar, RK, Isolation of Curcuminoids by Flash Chromatography and Quantification by UPLC-MS/MS Q-TOF, *Planta Med* 2011; 77, DOI: 10.1055/s-0031-1273622, ICBS-2011, Mississippi USA, pp – 93.
42. Khan, MS; Ahmad, W; Singh, M; Ansari, SH; Siddiqui, KM; Ahmad, S, Quality Control Analysis of Khamira Marwareed a Unani Cardioprotective Formulation, *Planta Med* 2011; 77, DOI: 10.1055/s-0031-1273621, ICBS-2011, Mississippi USA, pp – 92.
43. Ahmad, S; Tamboli, ET; Garg, M; Singh, M; Kamal, YT; Mujeeb, M, HPTLC Fingerprints as Tool to Study Effect of Geographical Condition on Plant Metabolites, *Planta Med* 2011; 77, DOI: 10.1055/s-0031-1273620, ICBS-2011, Mississippi USA, pp – 91.
44. Parveen, R; Kamal, YT; Singh, M; Tamboli, ET; Rahman, S; Ahmad, S; Ahmad, FJ, Development of Analytical Methods (RP-HPLC and HPTLC) for the Fast Analysis of Glabridin in Crude Drug and Unani Formulations, *Planta Med* 2011; 77 DOI: 10.1055/s-0031-1273619, ICBS-2011, Mississippi USA, pp – 90.

45. Singh, M; Kamal, YT; Tamboli, ET; Parveen, R; Siddiqui, KM; Ahmad, S, Development of Analytical Methods for the Estimation of Alpinetin in Seeds of *Amomum subulatum* Roxb, *Planta Med* 2011; 77
DOI: 10.1055/s-0031-1273618, ICBS-2011, Missisipi USA, pp – 89.
46. Kamal, YT; Singh, M; Tamboli, ET; Parveen, R; Rehman, S; Ahmad, W; Khan, MS; Siddique, KM; Ahmad, S, Evaluation of Unani Anti-Inflammatory Polyherbal Formulation using Validated HPLC Methods, *Planta Med* 2011; 77
DOI: 10.1055/s-0031-1273617, ICBS-2011, Missisipi USA, pp – 88.
47. Athar, MT; Musthaba, SM; Ahmad, N; Mallick, MN; Baboota, S; Ali, J; Ahmad, S: Validated UPLC/MS Method for the Determination of Salannin in *Nimbatiktum* (Anti Psoriatic Herbal Formulation), *Planta Med* 2011;77 DOI: 10.1055/s-0031-1273616, ICBS-2011, Missisipi USA, pp – 87.
48. **Sayeed Ahmad**, Kamal YT, Mahaveer Singh, Rabea Parveen, FJ Ahmad, Development and validation of HPTLC method for estimation of Glycyrrhizic acid in Herbal formulation, *World Health and Asian Traditional (WHAT) Medicine Conference- 2009*, Putra World Trade Centre, Kuala Lumpur, Malaysia, 19-20th June, 2009.
49. **Sayeed Ahmad**, Kamal YT, Mahaveer Singh, Rabea Parveen, Development and validation of stability indicating HPTLC method for analysis of arjunolic acid in herbal formulations, *World Health and Asian Traditional (WHAT) Medicine Conference- 2009*, Putra World Trade Centre, Kuala Lumpur, Malaysia, 19-20th June, 2009.
50. S.H. Ansari, **S. Ahmad**, M. Ali (2008). Enhanced *in vitro* production of vasicine and vasicinone from callus cultures of *Adhatoda vasica* Nees., 7th Annual Oxford International Conference on the Science of Botanicals & American Society of Pharmacognosy 4th Interim Meeting, University of Mississippi, Oxford, MS, 12–16 April 2008 (**Poster**).
51. **Sayeed Ahmad**, R. Zafar, Development of Normal and genetically Transformed cultures of *Calotropis procera* for production of secondary metabolites. presented in *Pharmaceutical Science World Congress – FIP-2007*, Beijing, China. August 31- September 6, 2007 (**Poster**).
52. **Sayeed Ahmad**, Maqsood Ali, Salim Khan, S.H. Ansari, A Rapid DNA isolation protocol and studies on stability of RNA in medicinal plant *Adhatoda*. presented in *Pharmaceutical Science Congress – FIP-2007*, Beijing, China. August 31- September 6, 2007 (**Poster**).
53. Naseem Akhtar, Javed Ali, Yasmin Sultana, Sanjula Baboota and Sayeed Ahmad, (2007). Innovative topical microemulsion gel of R. Zafar and **Sayeed Ahmad***, Production of Rutin by Tissue Culture of *Calotropis procera* (Ait) RBr., *XVII International Botanical Congress (IBC 2005)*, Vienna, Austria, July (17-23), 2005. (**Poster**).
54. S. Asmari*, R. Zafar, **S. Ahmad**, Antimicrobial Activity of Static Cultures of *Asparagus racemosus*. *XVII International Botanical Congress (IBC 2005)*, Vienna, Austria, July (17-23), 2005. (**Poster**).
55. R. Zafar, Setare Asmari*, **Sayeed Ahmad**, Production of Sarsasapogenin from Tissue culture of *Asparagus racemosus* and its Quantification by HPTLC, presented in *2nd International Congress on Traditional Medicine & Materia Medica*, Tehran (Iran), October-2004 (**Poster**).
56. R. Zafar, Setare Asmari*, **Sayeed Ahmad** and Mohd. Mujeeb, Anti-inflammatory activity of *Asparagus racemosus* and its in-vitro cultures, presented in *2nd International Congress on Traditional Medicine & Materia Medica*, Tehran (Iran), October-2004 (**Poster**).

REFREE IN JOURNALS (>50 TOP JOURNALS OF SUBJECT IN CHROMATOGRAPHY, ETHNOPHARMACOLOGY AND METABOLOMICS)

ABSTRACTS PUBLISHED IN INDIA AND PAPERS PRESENTED BY MY GROUP AND MYSELF > 300

MEMBERSHIP OF PROFESSIONAL BODIES:

1. President/ Coordinator (Delhi chapter), Society for Ethnopharmacology, India (2016)
2. Vice President, Society for New Age Herbals (2012 onward)
3. Joint Secretary, National Environmental Sciences Academy, New Delhi, India
4. Member, International Society for Ethnopharmacology, UK
5. Member, American Society of Pharmacognosy, USA (59-1695079)
6. Member, American Chemical Society (ACS 32534302) (Application ID: 171H64), USA
7. Member, AOAC International, USA, (176194)
8. Fellow Member, American Association of Pharmaceutical Scientist 2011-2012 (AAPS-3030)
9. Fellow Member, American Society of Nephrology 2011 (ASN-ID 166859)
10. Life Member of India Pharmacy Graduate Association (IPGA) (LM-4635)
11. Life member of Indian Society of Analytical Scientists (ISAS, 1985).
12. Honorary Life Member Asian Polymer Association (L-242)
13. Life member of Indian Pharmaceutical Association (IPA) (DLH/LM/0432)
14. Life member of Indian Pharmacological Society (IPS). (LA-150)
15. Life member of All India Pharmacy Teachers Association (APTI) (ND/LM/74-2005)

PRESENT STATUS:

Working as **Professor**, in Department of Pharmacognosy and Phytochemistry, SPER, Jamia Hamdard, New Delhi since 11th August 2020.

PERSONAL DETAILS:

Father's Name	:	Mr. Rahmat Ali
Born	:	July 01, 1975
Sex	:	Male
Marital Status	:	Married to Rabea Parveen
Nationality	:	Indian
Languages Known	:	English, Urdu, Hindi

(DR. SAYEED AHMAD)