

*In The Name of Allah(SWT)
The most beneficent the most merciful*

Curriculum Vitae

OBJECTIVE

To pursue my career with a dedicated approach and full commitment, to explore and enhance my potential, to apply my skills to lead an organization, contribute significantly to the success of the organization, and to get the best of myself, both as a professional and as an individual.

ACADEMIC CREDENTIALS

Degree/ Qualification	Institution	Status
Doctorate		
Ph.D. (Pharmacy)- Pharmaceutics	Integral University, Lucknow	Thesis Submitted
Post Graduate		
M.S.(Pharm.)- Pharmaceutics	National Institute of Pharmaceutical Education and Research (NIPER), Raebareli, India MENTOR Institute: CSIR-CDRI, INDIA	Passed with 7.28 CGPA in 2015
Graduate		
B.Pharm.	Jamia Hamdard, New Delhi, India	Passed with 62.94 % in 2013
Senior Secondary		
12 TH	Baby Martin Public College, Lucknow, India	Passed with 54.4% in 2006
10 TH	Ghayasiban Public College, Lucknow, India	Passed with 57.83% in 2004



Mohammad Shariq

Personal details:

Date of birth-

28th April 1990

E-mail-

[mspharmshariq@gmail.com](mailto:m spharmshariq@gmail.com)

Phone No.-+91-7080624743

Passport No.-N8895927

Father's name-

Mr. Nizamuddin

Mother's name-

Mrs. Rukhshana Zavin

Permanent address-

230, Nai Bazar, Pachperwa,
Distt.-Balrampur, U.P.-
271206,
INDIA

Hobbies:

Urdu Poetry, Table Tennis

Nationality:

INDIAN

AWARDS AND ACHIEVEMENTS

GPAT 2013	Qualified Graduate Pharmacy Aptitude Test (GPAT) and Achieved a rank of 2934 (All India Ranking) (www.aicte-gpat.in)
NIPER-JEE (2013)	Qualified and Achieved a rank of 223 (All India Ranking.) (www.niper.ac.in .)
DL-101	Persued online e-certificate course DL-101, a General course on Intellectual Property from WIPO, Geneva, Switzerland (www.wipo.int .)
English MOOC Summer 2022	Persued a MOOC course on English for Science, Technology, Engineering and Mathematics (STEM), an Online Professional English Network program sponsored by U.S. department of state and administered by FHI360

RESEARCH EXPERIENCE

1. Post Graduate Research

Project Trainee: CSIR- Central Drug Research Institute, Lucknow, India (www.cdriindia.org)

Project Title:-Development and performance evaluation of Vitamin E nanoemulsion of Paclitaxel

Project Supervisor: Dr. Manish Kumar Chourasia (Sr. Scientist), Pharmaceutics Division, Central Drug Research Institute, Lucknow.

Duration: 1 Year

2. Doctoral Research

Title: Combinatorial Nanoformulation of sericin and carvedilol for the treatment of cardiac ailments

Supervisor: Dr. Tarique Mahmood Ansari, Associate Professor & Head, Faculty of Pharmacy, Integral University, Lucknow 226026

Enrollment Date: 28-08-2017

PROFESSIONAL EXPERIENCE

SN	Organization	Position	From	To	Key Responsibilities
1	Hamdard Laboratories (India)- Ghaziabad	Chemist-QC	21-12-2015	05-03-2018	Analysis of finished allopathic products using HPLC, UV etc.
2.	Integral University (Ministry of AYUSH EMR Project), Lucknow	Project SRF	04-06-2018	31-03-2021	Development and evaluation <i>in-vitro</i> & <i>in-vivo</i> of nanoparticles of herbal extract.
3.	Faculty of Pharmacy, Integral University	Assistant Professor	01-10-2022	Till Date	Teaching and Documentation

SCIENTIFIC EXPERTISE

TECHNICAL SKILLS:

- Working knowledge of formulation and evaluation of different tablets, and capsules (soft gelatin or hard gelatin) along with well understanding of tablet coating.
- Well-versed with developmental and evaluation aspects of NDDS (nanoparticles, microparticles, liposomes) and familiar with knowledge of formulation of conventional dosage forms.
- Sound knowledge of preparation of different gels, ointments, lotion, tinctures and paste and also working concepts of sterile products.
- Acquainted with instruments like FTIR, Zeta sizer, Mastersizer, lyophilizer,

- ultracentrifuge, nitrogen dryer concentrator, brook field viscometer and sonicator.
- Handling and application of various analytical techniques like LC-MS and HPTLC.
- Appreciable understanding of the concepts related to Intellectual Property Management and Regulatory Affairs & applications of Biostatistics in health sciences.
- I have pace knowledge of handling HPLC (high-pressure liquid chromatography) either manually or with autosampler and thermogravimetric analyzer (TGA).

HPLC experience:

(HPLC system (Shimadzu) equipped with LC-2010C HT and PDA M20A, Gradient pumps (Shimadzu) and double rack autosampler)

(HPLC system (WATERS) equipped with gradient pump, PDA detector, Autosampler)

(HPLC system (Shimadzu) equipped with binary gradient pump, PDA detector and manual injector)

- Extraction and isolation of crude drugs using standard procedure.
- Well-versed in animal handling and performing various biochemical analyses of plasma and PK-PD studies.

COMPUTER PROFICIENCY:

- Windows operating systems and application software like Microsoft Office package (MS word, Excel, Powerpoint and Publisher).
- Scientific data retrieval from various Internet portals like ScienceDirect, PubMed, SciFinder, Google Scholar, etc.
- Technical software (Scientific Software) Chemdraw Ultra 12.0 and EndNote X-7, Quality by Design, Design of Experiment, Minitab, Graph pad Prism and Sigma Plot software
- Basic Knowledge of Molecular Docking.

CONFERENCE/WORKSHOP ATTENDED

- Participated in “30th Annual Conference of Society of Toxicology (India)” and Symposium on “Strategies for safety Study Requirements for Herbal Formulations” held at Jamia Hamdard on 9th and 10th of December 2010
- Participated in 6th NIPER (RBL)-CDRI Symposium on “Current Scenario in Drug Discovery & Development” at CDRI, Lucknow (20th-22nd February 2014) and **presented a poster** on “Challenges in the design of ligand targeted Liposomes”.
- Participated in “National symposium on clinical research, Good clinical practice pharmacovigilance, Newer issues in Ethics, Regulatory requirement in new drug applications and clinical trials” at CSIR-CDRI, Lucknow (3rd and 4th December 2014) and **presented a poster** on “Design and evaluation of Vitamin E Nanoemulsion of Paclitaxel”
- Participated in CSIR-CDRI symposium on “Drug Discovery in India: Past Present and Future” at CSIR-CDRI, Lucknow (1st January 2015)
- Participated in 7th NIPER (RBL)-CSIR-CDRI symposium on “Recent advances in pharmaceutical sciences for drug delivery and development” held at NIPER Rae Bareilly campus on 20th and 21st of February 2015
- Participated in “5th Annual Conference of Indian Society for Atherosclerosis Research- Delhi Chapter” on “Atherosclerosis: An Update” held at **AIIMS**, New Delhi on 3rd August, 2019
- Participated in Symposium on “Segregated Waste Disposal and Management” held at Integral University Campus on 7th November 2019

- Participated in Unani Day Celebration & International Conference on Unani Medicine based on “Unani Medicine- Towards achieving the sustainable Development Goal (SDG-3) of Good Health & Well Being” Organized by Central Council for Research in Unani Medicine, Ministry of AYUSH, Govt. of India held at Vigyan Bhawan, New Delhi on 11-12 February 2020
- Attended a National Conference on “Unani Medicine: Opportunities and Challenges in times of COVID-19” on Unani Day 2021 organized by the Ministry of AYUSH, Government of India on February 11, 2021.
- Attended a webinar on “The best practices in Research and Research Article Writing”, organized by the faculty of Commerce and Management, Integral University, Lucknow in Association with **Elsevier** on June 14, **2022**

PUBLICATIONS

- Singh Y, Tomar S, **Khan S**, Meher JG, Pawar VK, Raval K, Sharma K, Singh PK, Chaurasia M, Reddy BS, Chourasia MK. Bridging small interfering RNA with giant therapeutic outcomes using nanometric liposomes. *Journal of Controlled Release*. **2015** Dec 28;220:368-87.
- Oraon R, Mahmood TA, Shamim A, Bagga P, Ahsan F, **Shariq M**, Parveen S, Alam M. Pharmacological potentials of *Aquillaria agallocha* and *Borago officinalis*: A pragmatic review. *World Journal of Pharmaceutical Sciences*; **2019** Mar, 30: 43-55
- **Shariq M**, Parveen S, Shamim A, Ahsan F, Kushwaha P, Mahmood T. Dig & Delve into Protein Based Nanoformulations. *Drug research*. **2020** May;70(05):183-7.
- Parveen S, Ansari TM, Mishra A, Siddiqui MH, Shamim A, Ahsan F, **Shariq M**. A Critique On Corroboration of Phytopharmacological and Clinical Progression of *Andrographis Paniculata*. *Biochemical and cellular archives*. **2020** March; 20(2): 3179-97.
- Shamim A, Ansari TM, Siddiqui HH, Siddiqui MH, Bagga P, Ahsan F, **Shariq M**, Parveen S,. Pragmatic Toxicity Profiling of a Salubrious Polyherbal Combination of *Tinospora Cordifolia*, *Withania Somnifera*, and *Boerhavia Diffusa* in Swiss Albino Mice. *International Journal of research in pharmaceutical sciences*. **2020** July; 11(3): 4240-52.
- Ahmad S, Mahmood T, Kumar R, Bagga P, Ahsan F, Shamim A, Ansari A, **Shariq M**, Parveen S. A Contrastive Phytopharmacological Analysis of Gala and Fuji Apple. *Research Journal of Pharmacy and Technology*. **2020** Mar 1;13(3):1527-37.
- Rufaida, Mahmood T, Shamim A, Ahsan F, Parveen S, **Shariq M**. *Foeniculum vulgare*, *Solanum nigrum* and *Cichorium intybus*: A Collectanea of Pharmacological and Clinical uses. *Research Journal of Pharmacy and Technology*. **2021** Jan 29;14(1):555-61.
- Parveen S, Mahmood T, Mishra Anuradha, **Shariq M**, Ahsan F, Shamim A, Siddiqui MH. An Exploration on Antioxidant Perspective of Yellow Oleander (*Thevetia peruviana*), , *Int J Pharm Res*; **2021**, 13(2): 3260-3271
- Ansari A, Mahmood T, Bagga P, Ahsan F, Shamim A, Ahmad S, **Shariq M**, Parveen S. *Areca catechu*: A phytopharmacological legwork. *Food Frontiers*. **2021** Jun;2(2):163-83.
- Ansari A, Mahmood T, Bagga P, Ahsan F, Shamim A, Ahmad S, **Shariq M**, Parveen S. Catechism of protective potential of *Areca catechu* in Isoprenaline challenged Wistar rats. *Research Journal of Pharmacy and Technology*. **2021** Jun 1;14(6):3067-73.
- Rufaida, Mahmood T, Kedwai I, Ahsan F, Shamim A, **Shariq M**, Parveen S. A dossier on COVID-19 chronicle. *Journal of Basic and Clinical Physiology and Pharmacology*. **2021** Jul 19.

- Singh S, Arif M, Mahmood T, Ahsan F, **Shariq M** and Khalid M, Reckoning of antioxidant and antiobesity potential of Anethum sowa L. roots extract in experimental rodent model; Annals of Phytomedicine . **2021**; 10(2): 360-366
- Tiwari R, Siddiqui MH, Mahmood T, Farooqui A, Tiwari M, **Shariq M**, Ahsan F, Shamim A and Ansari WA, Solubility enhancement of curcumin, quercetin and rutin by solid dispersion method; Annals of Phytomedicine. **2021**; 10(2): 462-471
- Oraon R, Mahmood TA, Shamim A, Ahsan F, **Shariq M**, Parveen S, Alam M. Antihyperlipidemic and Antiobesity Potential of Aquilaria agallocha and Borago officinalis in Fixed-Dose Combination; A Contingent Probe with Atorvastatin and Orlistat. Current Bioactive Compounds. **2021** Dec 1;17(10):22-34.
- Saba P, Mahmood T, Siddiqui MH, Mishra A, **Shariq M**, Shamim A, Ahsan F, Kazmi MT. Formulation and scrutinization of a polyherbal combination containing Berberis aristata, Andrographis paniculata and Thevetia peruviana for its in-vitro antioxidant and anticancer potential. Journal of Research in Pharmacy; **2022**: In press
- Alam M, Ahsan F, Mahmood T, Shamim A, Parveen S, **Shariq M**, Ansari VA. Meticulous parade on naringin respecting its pharmacological activities and novel formulations. Avicenna Journal of Phytomedicine. **2022** ;12(5):457-474
- Yadav G, Ansari TM, Shamim A, Roy S, Khan MM, Ahsan F, **Shariq M**, Parveen S, Wasim R. Herbal Plethora for Management of Neurodegenerative Disorders: An Invigorating Outlook. Current Nutrition & Food Science. **2022** Jan 1;18(1):54-64.
- **Shariq M**, Ansari TM, Kushwaha P, Parveen S, Shamim A, Ahsan F, Kazmi MT, Preparation, characterization and safety assessment of combinatorial nanoparticles of carvedilol and sericin, Int J App Pharm. **2022** May; 14(3);80-85
- Mahmood T, Shamim A, **Shariq M**, Siddiqui MH, Ahsan F, Parveen S. Promising sequels of a novel nanoformulation of khamira abresham hakim Arshadwala against isoprenaline challenged cardiac damage in rodents. F1000Research. **2022** Mar 9;11(290):290
- Rufaida W, Tarique M, Farogh A, Aditya S, Mohammad HS, **Shariq M**, Saba P. Pleotropic effect of statins in cardiovascular diseases; Drug Research, **2022**; 72(8):1873-1878
- Rufaida W, Tarique M, Farogh A, Aditya S, Mohammad HS, **Shariq M**, Saba P. Aftermath of AGE-RAGE cascade in the pathophysiology of cardiovascular ailments; Life Sciences, **2022**: 307 (8):120860
- **Shariq M**, Mahmood T, Kushwaha P, Parveen S, Shamim A, Ahsan F, Wani TA, Zargar S, Wasim R, Wahajuddin M. Fabrication of Nanoformulation Containing Carvedilol and Silk Protein Sericin against Doxorubicin Induced Cardiac Damage in Rats. Pharmaceuticals. **2023** Apr 7;16(4):561.

BOOK CHAPTERS

- Parveen S. **Shariq M**, Waeem R, Mahmood T, Shamim A, Nanotechnology for phytopharmaceuticals-the introduction, Nanotechnology In Phytomedicine. Cambridge Scholars Publishing: **2023, ISBN (10): 1-5275-1531-1 / ISBN (13): 978-1-5275-1531-4**

PATENTS

- **US Patent** entitled "System for evaluating chemo-preventive potential of PHC and its prepared chitosan nanoparticles" filed with application number 17/816,792 in **Aug 2022**

- **Indian Patent** entitled “Enhanced cardioprotective potential of a combination of carvedilol and silk protein sericin”-**Published with Patent Application number: 202211039795A (Indian Patent)** in Official Journal of Patent office (Issue: 29/2022)

PROFESSIONAL SYNOPSIS

LANGUAGES KNOWN

- **English:** Reading, Writing and speaking with well understanding.
- **Hindi:** Reading, Writing and Speaking with well understanding.
- **Urdu:** Reading, Writing and speaking with well understanding.

KEY SKILLS

- High sense of responsibility and belief in “It pays to work hard”.
- Full commitment to work.
- Willingness to learn and implement new ideas.
- Good communication power.
- Good sense of teamwork.
- Ability to grasp faster.
- Determined towards work.

References

DR. Manish Kumar Chourasia

Sr.Scientist
Pharmaceutics Division
CSIR-CDRI (INDIA)
[E-mail-drmanishchaurasia@gmail.com](mailto:drmanishchaurasia@gmail.com)

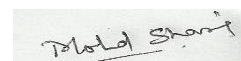
DR. Tarique Mahmood

Associate Professor & Head
Faculty of Pharmacy
Integral University
Kursi Road, Lucknow- 226026
E-mail: tmahmood@iul.ac.in
Phone- +91 9918681701

Declaration

I, hereby, solemnly declare that all the information provided here is true and is to the best of my knowledge.

Place: Lucknow
Date: 21-08-2023



(Mohammad Shariq)