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M. Pharm., Ph.D

Director, Centre of Excellence in Unani Medicine  
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Head : Department of Food Technology, SIST  
Placement Officer, SPER  
Professor of Pharmacognosy and Phytochemistry  
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School of Pharmaceutical Education & Research (SPER)  
(Rank 1 Pharmacy Institute of India, NIRF 2017, 2019, 2020, 2021)

# Jamia Hamdard



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## TO WHOM IT MAY CONCERN

I am pleased to nominate **Varsha Srivastav** for the prestigious Sun Pharma Science Scholar Fellowship. She is currently a 4<sup>th</sup> year PhD scholar in the Department of Pharmacognosy and Phytochemistry, School of Pharmaceutical Education & Research, at Jamia Hamdard. She has worked under my supervision on "Metabolomic profiling, pharmacokinetics and development of pharmacopoeial monograph of *Terminalia arjuna* (Roxb.) Wight & Arn stem bark and *Mucuna pruriens* Linn seed" during her M. Pharm and is working on "Development of an AYUSH-based synergistic combination against *Mycobacterium avium subspecies paratuberculosis*- A major disease liability of the dairy industry" in her PhD under my supervision. She has demonstrated exceptional academic and research capabilities that make her an ideal candidate for this fellowship. She has sound scientific knowledge and temperament. She is academically sound and has **qualified GPAT twice** and was also conferred with a **silver medal** for her meritorious performance. She has also been awarded for **best poster presentation** at the 8th International Congress of Society of Ethnopharmacology, India (SFEC 2021), Pune. She has been working on the development of a novel herb-based synergistic formulation for combating *Mycobacterium avium subspecies paratuberculosis* which is a major disease liability of the dairy industry and gets transmitted to human beings through milk and milk-related products causing various auto-immune disorders such as Crohn's disease. She has a good experimental and equipment handling proficiency required for biological and metabolomics studies. *In total, she has two patents, five research articles, four review articles, and two book chapters to her credit.* She has also been awarded with **DST-SERB** and **DBT-CTEP international travel grants**. Throughout her research journey, these qualities and achievements make her stand out.

She possesses the academic acumen, research proficiency, and dedication necessary to excel in this prestigious program.

Kindly consider her nomination for Sun Pharma Science Scholar Fellowship. I am available to provide any additional information or answer any questions you may have.

Regards,

**Dr. Sayeed Ahmad**

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