



**Birla Institute of Technology and Science, Pilani**  
Pilani Campus

**Gautam Singhvi**  
Associate Professor, Department of Pharmacy

### **Sponsoring the Nomination**

I am pleased to write this letter in support of Ms. Tejashree Waghule for the award of Sun Pharma Science Foundation Research Awards 2023.

Ms. Tejashree has completed her graduation (B-pharm) from Bombay college of Pharmacy, Mumbai in 2017 and her masters (M-pharm) from Birla Institute of Technology and Sciences (BITS PILANI), pilani campus in 2019. She ranked 4th in her class during Masters and 1st among Pharmaceutics students. During her masters, she has learnt handling of different analytical instruments, different formulation and characterization techniques for lipid based nanoparticles.

She was provided vertical transfer from her masters to PhD in the academic year 2019. She worked as a research student under my guidance in Pharmacy Department, BITS-Pilani, Pilani campus since August 2019. She has successfully defended her PhD work (with specialization in pharmaceutics) in May 2023. Currently she is working as Associate Scientist in Lupin Limited, Pune.

During her doctoral thesis work, she gathered a good knowledge on lipid based nanoparticle design using QbD approach for therapeutic delivery in brain cancer. She has gained experience on formulation and process variables for design of industrial feasible nanocarriers. She is a good researcher and has outstanding hands-on expertise in different nanoparticle design, in-vitro ex-vivo characterization and pharmacokinetic investigations. She has filed 4 patents from her research work and one is granted (patent number 396280) in May 2022. As an early-stage researcher, she has an impressive publication profile which reflects her sound knowledge and expertise. Till date, as First Author (main contributor) she has published 7 research articles and 8 review articles. She has impressive researcher profile in a short span as a personal “h-index” of 16, “i10 index” of 17 and total citations 1446. Her name was listed in World’s Top 2 % scientists list published in 2022 by Stanford University and Elsevier. She is the recipient of Zonal 1st Runner up and Semifinalist in All India ‘Disso Research Presentations India (DRPI) 2021 – Online’ under PhD category, organized by Society for Pharmaceutical Dissolution Science (SPDS) in association with AAPS and APTI.



**BITS Pilani, Pilani Campus**  
Vidya Vihar, Pilani 333 031  
Rajasthan, India

**Tel:** (O) +91 1596 515810

**Fax:** +91 1596 244183

**Email:** gautam.singhvi@pilani.bits-pilani.ac.in

**Web:** www.bits-pilani.ac.in



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I found Tejasree to be a very intelligent person, with a strong scientific knowledge. As a person, she is simple, responsible, amiable and has a very good understanding with her teachers, senior colleagues and friends. She has good communication skills and possesses the ability to work in a team. This unique combination of qualifications, along with her experience and personal traits stands her in emerging excellent pool of women scientist of the nation and world. I strongly recommend her for this award. This would motivate her and many other to pursue the hard working for pharmaceutical research. With best regards,

**Dr. Gautam Singhvi**

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Associate Professor, Department of Pharmacy,  
Birla Institute of Technology and Science (BITS), Pilani,  
Vidya Vihar, Pilani, Rajasthan. India – 333031  
Contact number: 9314490535



**BITS** Pilani, Pilani Campus  
Vidya Vihar, Pilani 333 031  
Rajasthan, India

**Tel:** (O) +91 1596 515810

**Fax:** +91 1596 244183

**Email:** gautam.singhvi@pilani.bits-pilani.ac.in

**Web:** www.bits-pilani.ac.in