



राष्ट्रीय औषधीय शिक्षा एवं अनुसंधान संस्थान, अहमदाबाद  
(औषध विभाग, रसायन एवं उर्वरक मंत्रालय, भारत सरकार)

**NATIONAL INSTITUTE OF PHARMACEUTICAL  
EDUCATION AND RESEARCH (NIPER) - AHMEDABAD**  
(DEPT. OF PHARMACEUTICALS, MINISTRY OF CHEMICALS AND FERTILIZERS, GOI)

10-07-2024

To Whom It May Concern,


Subject: Justification Letter for Sponsoring the Nomination of Dhvani Rana for the Sun Pharma Science Scholar Fellowship

I am writing to express my strong support for the nomination of Dhvani Rana, a diligent PhD student at the National Institute of Pharmaceutical Education and Research (NIPER) - Ahmedabad, for the prestigious Sun Pharma Science Scholar Fellowship. Dhvani has undertaken an exceptionally distinguished research project titled "CaliCut Facilitated Precision Aiding HME for DoE Based Development of Ocular Inserts: In Vitro and In Vivo Evaluation". Her research has demonstrated extraordinary dedication and intellectual rigor, resulting in the development of an industrially viable and translational product for Dry Eye Disease, a condition becoming increasingly prevalent among adults due to rising digital eye strain and extensive use of air conditioners. The research conducted by Dhvani under my supervision represents a significant milestone in the development of a DoE-employed multifaceted treatment option. It has the potential to mark a vital stride in ocular insert technology, potentially paving the way for more effective treatments for DED. Her work showcases a unique blend of analytical acumen and scholarly excellence, and her findings significantly enhance our understanding of ocular therapeutics and technological interventions in complex dosage forms for various routes of administration, including ocular, intravitreal, and subdermal drug delivery for chronic disease management.

Dhwani's commitment to advancing Pharmaceutical Science is evident through her outstanding research contributions. For these reasons, I strongly endorse Dhvani Rana's nomination for the Sun Pharma Science Scholar Fellowship. I am confident that she will continue to make significant contributions to the field of Pharmaceutical Science and uphold the prestigious standards of the fellowship.

For any further details on Dhvani's remarkable achievements or the impact of her research, please feel free to contact me directly..

Warm regards,

  
**Dr. Derajram Benival**  
Assistant Professor

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