

Reporton on Guest Lecture: "BED to Bed Side Process of Finding Nanotechnology-BasedTools for Therapy of Oral Infection, organized by Faculty of Pharmacy.

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Report on Guest Lecture: "BED to Bed Side Process of Finding Nanotechnology-Based Tools for Therapy of Oral Infection"

Faculty of Pharmacy, Integral University, Lucknow, organized a guest lecture on the topic "Bed to bedside process of finding nanotechnology-based tools for therapy of oral infection" on April 23, 2024. The event started at 10:00 am in the seminar hall, Faculty of Pharmacy with a warm welcome address by Prof. Tarique M. Ansari, Faculty of Pharmacy. The lecture was delivered by Prof. Zeenat Iqbal from the School of Pharmaceutical Education and Research (SPER), Jamia Hamdard, New Delhi. The event aimed to provide insights into the innovative applications of nanotechnology in combating oral infections and enhancing therapy processes. Prof. Zeenat commenced the lecture with an overview of nanotechnology and its significance in healthcare, particularly in the field of oral medicine. She elucidated on the unique properties of nanomaterials and their potential applications in drug delivery and therapeutic interventions. The speaker highlighted the prevalent challenges associated with oral infections, including microbial resistance, limited drug penetration, and adverse side effects of conventional therapies. She emphasized the need for novel approaches to address these issues effectively. Prof. Zeenat elaborated on the development of nanotechnologybased tools for the therapy of oral infections. Prof. Zeenat shared insights into the systematic approach involved in this process, including preclinical studies, optimization of formulations, and clinical trials. The session was attended by a significant number of students, including Masters and PhD scholars, faculty members, and researchers interested in nanotechnology and its applications in medical treatment.

In the concluding remarks, Prof. Zeenat emphasized the promising future prospects of nanotechnology in revolutionizing oral healthcare. Following the lecture, an interactive session was held where the audience had the opportunity to engage with Prof. Zeenat. Scholars posed questions regarding specific research methodologies, challenges in clinical translation, and potential collaborations in the field.

Dr. Abdul Hafeez, Associate Professor, Faculty of Pharmacy, Proposed the vote of thanks. He expressed his gratitude to the Speaker, faculty members and students for making the event successful.



Address by Prof. Syed Misbahul Hasan, Dean, Faculty of Pharmacy.



Students and Teachers attending the lecturer.



Prof. Zeenat Iqbal (SPER), Jamia Hamdard, New Delhi, deliver the lecture.



Prof. Syed Misbahul Hasan, Dean, Faculty of Pharmacy, presenting memento to Prof. Zeenat Iqbal

Prof. (Dr.) Juber Akhtar, Head, Department of Pharmacy.

Prof. (Dr.) Syed. Misbahul Hasan, Dean, Faculty of Pharmacy.

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