**Report on Guest Lecture by Dr. Jitendra Bhangale**

**Date:** 23rd August 2024
**Venue:** Shri B. M. Shah College of Pharmaceutical Education & Research, College Campus, Dhansura Road, Modasa-383315, Aravalli, Gujarat, India
**Organized by:** The M L Gandhi Higher Education Society
**Convener:** Dr. A. D. Patel
**Coordinator:** Dr. A. K. Joshi
**Total Students Attended:** 60 (B. Pharm)

On August 23, 2024, Shri B. M. Shah College of Pharmaceutical Education & Research had the privilege of hosting a guest lecture by **Dr. Jitendra Bhangale** on the topic **"Pharmacology of Drugs Acting on the Endocrine System."** The lecture was organized by The M L Gandhi Higher Education Society and was attended by 60 B. Pharm students, along with faculty members.

**Objective of the Lecture**

The primary objective of this guest lecture was to provide students with a deeper understanding of the pharmacological principles and mechanisms of drugs that affect the endocrine system. This topic is crucial for pharmacy students, as it encompasses a wide range of therapeutic areas, including diabetes, thyroid disorders, and hormonal therapies.

**Highlights of the Lecture**

Dr. Jitendra Bhangale, an expert in pharmacology, delivered a comprehensive and engaging lecture covering the following key points:

1. **Introduction to the Endocrine System:** An overview of the endocrine glands, their hormones, and the regulatory mechanisms involved.
2. **Pharmacokinetics and Pharmacodynamics:** Detailed discussion on how drugs interact with endocrine receptors and their effect on hormone synthesis, release, and action.
3. **Therapeutic Uses of Endocrine Drugs:** Insight into the clinical applications of various drugs, such as insulin, corticosteroids, thyroid hormones, and contraceptives.
4. **Adverse Effects and Drug Interactions:** An explanation of the potential side effects and interactions that can occur with endocrine pharmacotherapy.
5. **Recent Advances:** Updates on the latest research and development in endocrine pharmacology, including new drug discoveries and future trends.

**Student Engagement and Feedback**

The lecture was highly interactive, with Dr. Bhangale encouraging students to ask questions and engage in discussions. The students were particularly interested in the real-world applications of the drugs discussed and appreciated the practical examples provided by Dr. Bhangale.

Feedback from the students was overwhelmingly positive. They found the lecture informative and relevant to their studies, and many expressed a desire for more such lectures in the future.

**Conclusion**

The guest lecture by Dr. Jitendra Bhangale was a great success, significantly enhancing the students' knowledge and understanding of the pharmacology of drugs acting on the endocrine system. The session was both educational and inspiring, thanks to Dr. Bhangale's expertise and engaging teaching style.

We extend our sincere thanks to Dr. Jitendra Bhangale for his invaluable contribution and look forward to more such collaborations in the future.

**Prepared by:**
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