

Best Practice II

Title

Enriching academic environment through Industrial expertise to face the today's dynamic workspace

Introduction

HEIs seeking innovative ways to bridge the gap between academic theory and practical application. One significant development in this regard is the increasing integration of Industrial experts into academic institutions. Bringing professionals from various fields into academia enriches the educational environment by introducing diverse perspectives and approaches. This diversity fosters a more holistic learning experience, encouraging students to think critically and creatively.

Objectives

The primary objectives of this courses are

- ▲ Connecting Theory with Practice

Introducing the courses along with existing academic programs which are aligned with the demands of the industry

- ▲ Improving Employability

By learning from experienced professionals, students are introduced to the latest industry trends and practices.

- ▲ Curriculum Relevance and Innovation

Facilitating the educational programs stay current, equipping students with the skills and expertise needed for today's job market.

Context

PSG College of Pharmacy is committed to providing quality education in pharmaceutical sciences. The adjuvant faculty plays a crucial role in bridging the gap between theoretical knowledge and practical applications. They focus on ensuring that students acquire both academic proficiency and real-world experience in their fields of specialization, which are critical for their future careers in the pharmaceutical industry, clinical research, and healthcare.

Practice

1. Integration of Clinical and Research Practices:

- Expertise from the field of Clinical Research and Antidiabetic Pharmacology addressed for Pharm. D students involves a blend of theoretical lectures and case study discussions. He emphasizes the practical aspects of pharmacological treatments and their effects on patient outcomes.
- Expertise from Neuropharmacology shared his knowledge for M.Pharm and B.Pharm students involve detailed explorations of CNS drug mechanisms, combining molecular pharmacology with therapeutic strategies, and using case studies to connect theory with clinical applications.
- Expertise from Industry focus on Regulatory Affairs and Bioequivalence enhances students' understanding of the practical and regulatory requirements in drug development. His teaching addresses the challenges in clinical research, including pharmacovigilance and the role of clinical data management.

2. Assessment and Feedback:

- Regular assessments and feedback from students help faculty members adapt and improve their teaching methods. For instance, one faculty use of case studies and seminars has received positive student feedback for its application-based approach, which enhances understanding and practical knowledge.
- Clinical research courses include discussions on real-life clinical trials, encouraging students to think critically and solve problems, with students citing improved comprehension of complex clinical research methodologies.

3. Use of Technology and Modern Teaching Tools:

- Faculty members use modern teaching aids such as online platforms for learning management, digital tools for data analysis in research, and simulation-based approaches to demonstrate clinical and pharmacological experiments.
- Faculty incorporates technology to discuss regulatory submission formats and clinical trial management systems, providing students with exposure to the tools they will encounter in the industry.

Evidence of Success

- **Student Engagement and Interest:** Students have shown strong interest in the subjects taught by these faculty members, particularly in practical sessions where they can apply their knowledge to case studies. Feedback indicates that the faculty's teaching methodologies align well with students' career aspirations, especially in clinical research and pharmaceutical regulations.
- **Recognition and Feedback:** Positive feedback from students and peers confirms the impact of these courses on shaping students' academic and professional paths. The alignment of course content with current industry practices and academic standards is frequently cited as a reason for their success.

The contributions of adjuvant faculty members at PSG College of Pharmacy have enriched the academic and professional experiences of students. Through their integration of clinical practices, research methodologies, and regulatory knowledge, they have set high standards in pharmaceutical education. The continued success of these programs highlights their relevance in shaping the future of pharmaceutical professionals.

Problems encountered

The appointment from the industry expertise should align with the curriculum framework