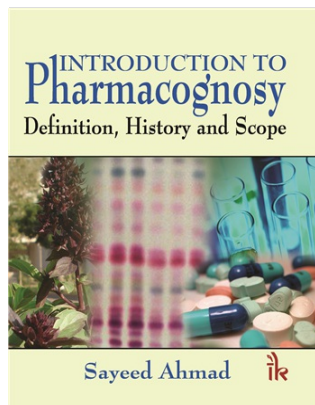


Introduction to Pharmacognosy, 1/e

Sayeed Ahmad



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About the Book

This book provides a comprehensive account on the latest trends and traditional knowledge in Pharmacognosy. While general aspects are dealt with in detail, the systematic treatment and methodical description of plant and its parts in general and some plant families have also been given due attention to understand pharmacognostic terms. The book deals with the theory and practical part, which has been supported with self-explanatory diagrams. The book will be immensely useful to the students pursuing undergraduate courses in Pharmaceutical Sciences.

Salient Features

- ▶ Deals with theoretical and practical aspects of latest trends and knowledge in Pharmacognosy.
- ▶ Provides detailed description of botanical basics including important plant families, indigenous systems of medicine, important plant constituents, and animal origin drug aids.
- ▶ Provides a major practical section at the end of the book based on morphological character, microscopy, and chemical tests of drugs, followed by an annexure tabulating the summary of drugs.
- ▶ Profusely illustrated with labelled line diagrams which supplement the text.

Table of Contents

- ▶ Pharmacognosy – An Introduction
- ▶ Description of plants
- ▶ Indigenous systems of Medicine - Ayurveda, Homeopathy, Unani and Siddha
- ▶ Classification of drugs of Natural Origin
- ▶ Drug Adulteration, Evaluation and Significance of Pharmacopoeial Standards
- ▶ Important Plant Constituents (Occurrence, Distribution, Classification, Isolation, Identification tests and Pharmaceutical Applications)
- ▶ Study of Different Categories of Drugs (Occurrence, Distribution, Classification, Isolation, Identification tests and Pharmaceutical Applications)
- ▶ Collection and Preparation of Drugs for Market
- ▶ Fibers used in Surgical Dressing and Sutures (Source, Preparation, Identification Test, Chemical Constituents and Uses)
- ▶ Practicals
- ▶ Microscopy
- ▶ Chemical Tests
- ▶ Index.

About the Author

Sayeed Ahmad :- Dr Sayeed Ahmad is Assistant Professor, Faculty of Pharmacy in Department of Pharmacognosy and Phytochemistry, Jamia Hamdard (Hamdard University), New Delhi. He did his postdoc from Albert Einstein College of Medicine, New York, USA (2011) and also worked as Visiting Scientist in Sultan Qaboos University, Muscat, Oman (2012). He has been honored with the University Gold Medal, DST fast track Young Scientist Award (2007), CST-UP Young Scientist Award (2008-09), DST BOYSCAST, AICTE Career award (2009-10), PD Sethi award in year 2009 and 2013 for best publication on HPTLC and Al Ameen College of Pharmacy award (2014) for best publication in IJPER.

He has to his credit more than 170 publications, including reviews and research papers in national & international, and proceedings in several refereed journals. He is the member of the Unani Pharmacopoeial Sub Committee, EC members of APTI and IPA (Delhi branch) as well as an Editorial board member of Annals of Phytomedicine (an international journal) and Journal of Medicinal Plant Research.

He has supervised 20 M Pharm and 22 PhD scholars. His field of interest in research is Metabolomics, Chromatographic analysis, including

HPTLC, HPLC and GCMS, etc., for targeted and untargeted metabolites in biological systems and for quality control.