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Course Name : D. Pharm
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**Topic Name : Salient features of Indian
Pharmacopoeia**

Chapter – 1 Salient features of Indian Pharmacopoeia

1.1

Introduction

The actual process of publishing the first Pharmacopoeia started in the year 1944 under the chairmanship of Col. R. N. Chopra. The I. P. list was first published in the year 1946 and was put forth for approval. The titles are suffixed with the respective years of publication, e.g. IP 1996.

1.2

Salient features of Indian Pharmacopoeia 2018 include

- ❖ General Chemical tests and TLC for identification of an article have been almost eliminated and more specific infrared, ultraviolet spectrophotometer and HPLC tests have been given emphasis.
- ❖ The use of chromatographic methods has been greatly extended to cope with the need for more specificity in assays and in particular, in assessing the nature and extent of impurities in ingredients and products.
- ❖ Most of the existing Assays and Related Substances Test methods are upgraded by liquid chromatographic technique in view to harmonizing with other International Pharmacopoeia.
- ❖ Pyrogen tests have been replaced by Bacterial Endotoxin tests (BET) in parenteral preparations and other monographs 53 New Fixed-Dose Combination (FDC) combination monographs have been included, out of which 25 FDC monographs are not available in any Pharmacopoeia.
- ❖ General Chapters on Volumetric Glassware, Conductivity, Dissolution test, Disintegration test, Dimensions of Hard Gelatin Capsule Shells etc. have been revised.
- ❖ For Controlling the Microbial quality of all the medicinal products general chapter on Maintenance, Identification, Preservation and Disposal of Microorganism have been revised.

1.3

New Additions

- 170 Chemical Monographs
- 15 Herbal Monographs
- 10 Monographs on Blood and Blood-related products
- 6 Monographs on Biotechnology derived therapeutic products

- 3 Monographs on Radiopharmaceuticals
- 2 Monographs on Vaccines and Immunoserum for Human use
- 14 Monographs on Veterinary Non-Biologicals

1.4

Editions of Indian Pharmacopoeia

S. No.	Edition	Year	Volumes	Chairmanship	Addendum/Supplement
1.	1st Edition	1955	1	D. B.N. Ghose	Supplement 1960
2.	2nd Edition	1966	1	Dr. B. Mukherjee	Supplement 1975
3.	3rd Edition	1985	2	Dr. Nityanand	Addendum 1989
4.	Addendum 1991				
5.	4th Edition	1996	2	Dr. Nityanand	Addendum 2000
6.	Addendum 2002				
7.	Addendum 2005				
8.	5th Edition	2007	3	Dr. Nityanand	Addendum 2008
9.	6th Edition	2010	3	Shri K. Chandramouli	Addendum 2012
10.	7th Edition	2014	4	Nabi Azad (Health Minister)	Addendum 2015
11.	Addendum 2016				
12.	8th Edition	2018	4	Dr. C.K. Mishra	Addendum 2019
13.					Addendum 2021