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Course Name	**: D. Pharm**
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SubjectName	**: Pharmaceutics**
Topic Name	**: Pharmacopoeias**

Chapter – 1 Pharmacopoeia

1.1 Introduction

The word derives from the ancient Greek word **pharmakon** means drug & **poeia** - to make. It is a legally binding collection, prepared by a national or regional authority & contains list of medicinal substances, crude drug & formulas for making preparation from them.

- Pharmacopoeia has been the authoritative organization working to ensure the consistency and quality of medicines.
- Pharmacopoeia is the formulation of drugs. It is the standard book for preparation of drugs. The book is published in a country under the authority of its own government.

1.2 List of Pharmacopoeia

We cannot call it a specific type because every country has an own Pharmacopoeia.

- Indian Pharmacopoeia
- British Pharmacopoeia
- United States Pharmacopoeia
- European Pharmacopoeia

1.3 Indian Pharmacopoeia

Indian Pharmacopoeia Commission (IPC) is an autonomous institution of the Ministry of Health and Family Welfare which sets standards for all drugs that are manufactured, sold and consumed in India.

The set of standards are published under the title Indian Pharmacopoeia (IP).

History & Editions: The process of publishing the first Pharmacopoeia started in the year 1944 under the chairmanship of Col. R. N. Chopra.

In 1948 government of India appointed an Indian Pharmacopeia committee for preparing 'Pharmacopeia of India'.

• **1st edition** I. P. 1955 was published in the official gazette. Dr. B. N. Ghosh, Chairman – Supplement 1960

• **2nd edition** I. P. 1966, Dr. B. Mukherji, Chairman, Shankar S. – Supplement 1975

• **3rd edition** I. P. 1985, Dr. Nityanand, Chairman – I Addendum/Supplement 1989 – II Addendum/Supplement 1991

• **4th edition** I. P. 1996 Dr. Nityanand, Chairman – III Addendum/ Supplement 2000 – IV

Addendum/ Supplement 2002

• **5th edition** I. P., 2007, Dr. Nityanand, Chairman

• **6th edition** I. P., 2010

• **7th edition** I. P. 2014V Addendum/Supplement 2015

The Indian Pharmacopoeia is published by the Indian Pharmacopoeia commission (IPC) on behalf of the ministry of health and family welfare Government of India.

- Indian Pharmacopoeia is written in English and official title of monographs given in Latin.
- The Indian Pharmacopoeia is being processed to fulfill the requirement in the Drug And Cosmetics Act 1940 and rules 1945.
- In 1946 the government of India published the Indian Pharmacopoeia list which served as the suppliment to British Pharmacopoeia.
- After publication of list the government of India constituted a parmanent Indian Pharmacopoeia committee in 1948.

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

1.5 British Pharmacopoeia

The British Pharmacopoeia (BP) is the national pharmacopoeia of the United Kingdom.

• The British Pharmacopoeia is an important statutory component in the control of medicines. long with the British National Formulary (BNF), it defines the UK's pharmaceutical standards.

History:

• The first edition of the British Pharmacopoeia was published in 1864 and was one of the first attempts to harmonize pharmaceutical standards.

• A Commission was first appointed by the General Medical Council (GMC) under the Medical Act 1858 for producing a British Pharmacopoeia on a national basis.

• In 1907 the British Pharmacopoeia was supplemented by the British Pharmaceutical Codex, which gave information on drugs and other pharmaceutical substances not included in the BP, and provided standards for these.

Editions:

• The current edition of the British Pharmacopoeia comprises six volumes which contain nearly 3,000 monographs for drug substances, excipients and formulated preparation.

• Items used exclusively in veterinary medicine in the UK are included in the BP.

1.6 European Pharmacopoeia

The European Pharmacopoeia is a pharmacopoeia that aims to provide common quality standards throughout Europe to control the quality of medicines and the substances used to manufacture them.

Editions:

- The 8th Edition, published in July 2013 and is currently in force.
- contains more than 2220 monographs and 340 general chapters.