

Scheme Version	Patent & Regulatory requirements of Natural Product	L	T	P	C
		2	0	0	2
VAC 05	Prerequisite: -Nil	Total hours =30			
	Objectives				
	This course will provide a broad-based introduction to patent ad regulatory requirements. This course will helpful to know the procedure and general requirements for patent and regulatory affairs.				
Subject Outcome/Course Outcome					
1	To know about Patenting aspects of traditional knowledge and natural products.				
2	To know about the various Regulatory issues in India.				
3	To know the procedure for applying patent of natural products.				
4	To know the procedure of regulatory affairs of natural products.				

U
NIT-1

10
hours

- 1. Patent and regulatory requirements**
2. Definition of the terms: Patent, IPR
3. Farmers right, Breeder's right

4. Bioprospecting and Biopiracy

UN
IT-2

10
hours

- 5. Patent aspects of traditional knowledge
- 6. Case study of Curcuma
- 7. Case study of Neem

UN
IT-3

10
hours

- 8. Regulations in India (ASU DTAB, ASU DCC)
- 9. Regulation of manufacture of ASU drugs - Schedule Z of Drugs &Cosmetics Act for ASU drugs.

TEXTBOOKS

T-1: Textbook of Pharmacognosy by Tyler, Brady & Robber.

T-2: Pharmacognosy by Kokate, Purohit and Gokhale.

T-3: Mukherjee, P.W. Quality Control of Herbal Drugs: An Approach to Evaluation of Botanicals. Business Horizons Publishers, New Delhi, India.

REFERENCE BOOK

R-1 Textbook of Pharmacognosy by Trease & Evans.

R-2 Pharmacopoeal standards for Ayurvedic Formulation (Council of Research in Indian Medicine & Homeopathy).