

CAYM Education Trusts Siddhant College of Pharmacy

A/P Sudumbare, Talegaon – Chakan Road, Tal: Maval, Dist: Pune -412109 Phone: 02114-661947, Email: siddhantcollegeofpharmacy@yahoo.in_Website: www.siddhantcop.in

3.3.2

Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years



CAYM Education Trusts Siddhant College of Pharmacy

A/P Sudumbare, Talegaon – Chakan Road, Tal: Maval, Dist: Pune -412109
Phone: 02114-661947, ,Email: siddhantcollegeofpharmacy@yahoo.in, Website: www.siddhantcop.in

3.3.2: Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

SUMMARY OF DOCUMENTS

Sr.	Name of the Document	Page Number
No.		(From-To)
1	Book Publication Academic Year 2022-23	06-09
2	Book Publication Academic Year 2021-22	10-14
3	Book Publication Academic Year 2020-21	15-17
4	Book Publication Academic Year 2019-20	18
5	Book Publication Academic Year 2018-19	19-21



PRINCIPAL SIDDHANT COLLEGE OF PHARMACY, SUDUMBRE, PUNE-412 109



CAYM Education Trusts Siddhant College of Pharmacy

A/P Sudumbare, Talegaon -Chakan Road, Tal:Maval, Dist: Pune -412109

Phone: 02114-661947, ,Email: siddhantcollegeofpharmacy@yahoo.in, Website: www.siddhantcop.in

3.3.2: Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

LIST OF BOOK PUBLICATION

SI. No.	Name of the teacher	Title of the book/chapters published	National / International	Calendar Year of publication	ISBN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
		A	cademic Yea	ar 2022-23			
1	Dr. Narendra Gowekar, Dr. Amit Nerkar, Mrs.Trupti Kajale	Textbook of Medicinal Chemistry Part II	National	2023	978-93- 95581-68-4	CAYMET's Siddhant College of Pharmacy, Sudumbare	Mahi Publication
2	Dr. Narendra Gowekar, Dr. Amit Nerkar, Mrs.Trupti Kajale	Textbook of Medicinal Chemistry Part	National	2023	978-93- 95581-59-2	CAYMET's Siddhant College of Pharmacy, Sudumbare	Mahi Publication
3	Mrs. Shubhangi Thopate-Kalokhe, Dr. Amit nerkar, Mrs. Deepali Gaikwad	Practical Book Human Hnatomy & Physiology	National	2023	978-93- 95581-61-5	CAYMET's Siddhant College of Pharmacy, Sudumbare	Mahi Publication
4	Mrs. Deepali Gaikwad	Cells & Molecular Biology (PCI Syllabus)	NA	Dec. 2022	978-93- 5585-049-2	CAYMET's Siddhant College of Pharmacy, Sudumbare	Technical publication
		A	cademic Yea	r 2021-22			
5	Dr. Swati Deshmukh	Herbal Drug Technology (PCI Syllabus)	NA Trust's Sidohan	Feb. 2022	978-93- 90450-64-0	CAYMET'S Siddhant College of Pharmacy, Sudumbare	Technical publication

PHINCIPAL
SUDDHANT COLLEGE OF PHARMACTA
SUDUMBRE, PUNE-412 109

		ation a	SEAL			RD_	
15	Mrs. Swati Jogdand	Pathophysiol ogy (PCI Syllabus)	NA SEAL Sudumbre	Mar. 2019	978-93- 332-0022-6	CAYMET's Siddhant College of Pharmacy, Sudumbare	Technical publication
14	Dr. R. K. Dumbre, Dr. Swati Deshmukh	Pharmacognos y & Phytochemistry I (PCI Syllabus)	NA	Jan-20	978-93- 89420-80-7	CAYMET's Siddhant College of Pharmacy, Sudumbare	Technical publication
		Ad	cademic Yea	r 2019-20			
13	Mrs. Swati Jogdand	Pharmacy Practice (PCI Syllabus)	NA	Nov. 2021	978-93- 90450-55-8	CAYMET's Siddhant College of Pharmacy, Sudumbare	Technical publication
12	Mrs. Swati Jogdand	Pharmacology II	NA	Aug. 2021	978-93- 89750-18-8	CAYMET's Siddhant College of Pharmacy, Sudumbare	Technical publication
11	Dr. Swati Deshmukh Dr. R. K. Dumbre	Pharmacognos y & Phytochemistry II (PCI Syllabus)	NA	Feb. 2021	978-93- 90041-96-1	CAYMET's Siddhant College of Pharmacy, Sudumbare	Technical publication
32		Α	cademic Yea	ar 2020-21			
10	Dr Narendra M Gowekar	Covid 19 and its Impact	International	2021	978-81- 947019-1-0	Siddhant College of Pharmacy	ESN Publications , Chennai.
9	Dr Narendra M Gowekar	Advanced Instrumentatio n Techniques	National	2021	978-93- 90460-04-5	Siddhant College of Pharmacy	Thakur Publication Private Itd., Lucknow.
8	Mrs. Swati Jogdand	Pharmacovigila nce (PCI Syllabus)	NA	Jul-22	978-93- 5585-104-8	CAYMET's Siddhant College of Pharmacy, Sudumbare	Technical publication
7	Mrs. Deepali Gaikwad	Cells & Molecular Biology (PCI Syllabus)	NA	Dec. 2022	978-93- 5585-049-2	CAYMET's Siddhant College of Pharmacy, Sudumbare	Technical publication
6	Mrs. Swati Jogdand	Pharmacology III (PCI Syllabus)	NA	Feb. 2022	978-93- 90041-07-7	CAYMET's Siddhant College of Pharmacy, Sudumbare	Technical publication

Sudumbre, Pune-412 109.

PRINCIPAL
SIDDHANT COLLEGE OF PHARMACY,
SUDUMBRE, PUNE-412 109

16	Mrs. Swati Jogdand	Human Hnatomy & Physiology II	NA	Sep.2018	97893- 332-002-7	CAYMET's Siddhant College of Pharmacy, Sudumbare	Technical publication
17	Mrs. Swati Jogdand	Human Hnatomy & Physiology II	NA	Mar. 2019	978-93- 90450-78-7	CAYMET's Siddhant College of Pharmacy, Sudumbare	Technical publication



PA

PRINCIPAL
RIDDHANT COLLEGE OF PHARMACY,
SUDUMBRE, PUNE-412 109

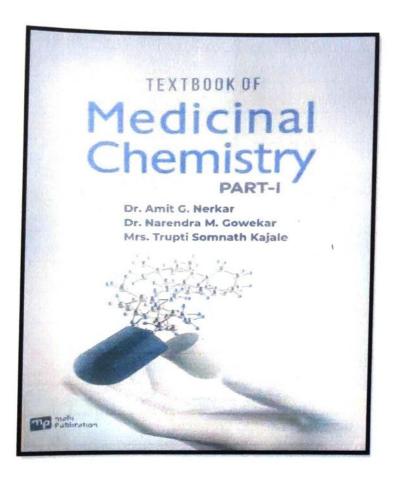


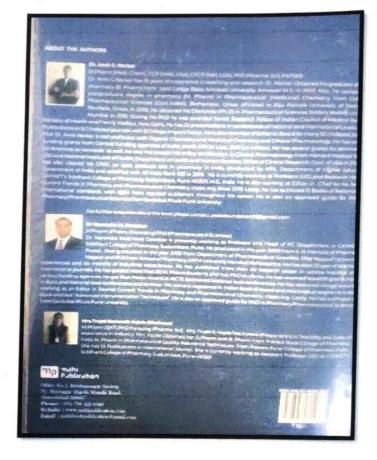
CAYM Education Trusts

Siddhant College of Pharmacy

A/P Sudumbare, Talegaon – Chakan Road, Tal: Maval, Dist: Pune -412109 Phone: 02114-661947, Email: siddhantcollegeofpharmacy@yahoo.in, Website: www.siddhantcop.in

Book Publication Academic Year 2022-23







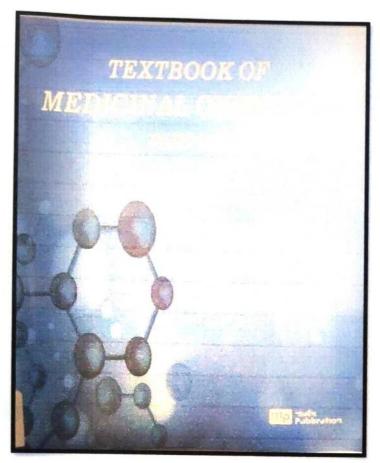
PRINCIPAL
JIUDHANT COLLEGE OF PHARMACY,
SUDUMBRE, PUNG 412 100

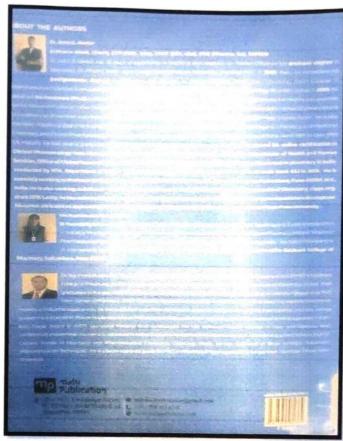
Table of Contents

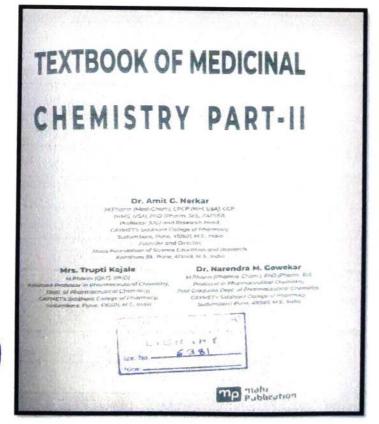
Title of the Chapter	Page No.
Unit I	1-63
At Anti-historian Agents	ī
12 Antinec playte Agents	31
Unit II	64-111
21 Antianginal Agents	64
22 Colcium Channel Blockers	67
23 Distreties	71
24 Anti-hypertensive Agents	87
Unit III	112-173
31 Anti-Arrhythmic Drugs	112
3.2 Anti-Hyperlip diemic Agents	124
3.3 Coaquiants and Anticoagulants	140
8.4 Drugs used in Congestive Cardiac Failure	160
Unit-IV	172-210
	174
41 Introduction to Steroids	180
4.2 Sex hormones	191
4.3 Drugs for erectile dysfunction	193
4.4 Oral contraceptives	. 197
4.5 Corticosteroids	205
4.6. Thyroid and anothyroid drugs Unit-V	211-254
	211
\$1 Antidiabetic agents	237
S2 Local Anesthetics	A Decide of
	Control of the second



PRINCIPAL
SIDDHANT COLLEGE OF PHARMACY,
SUDUMBRE, PUNE-412 109

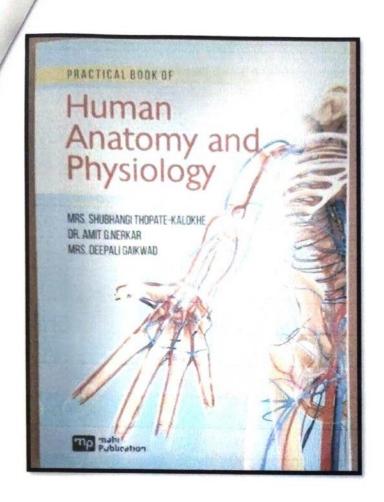


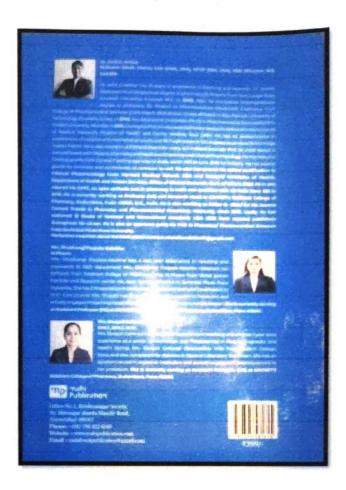


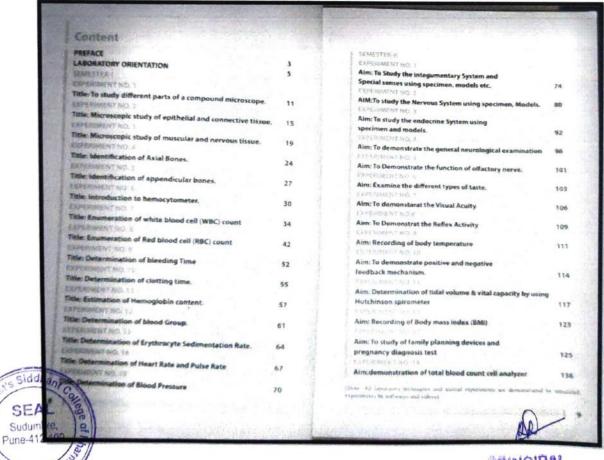




SIDOHANT COLLEGE OF PHARMACY, SUDUMBRE, PUNE-412 109

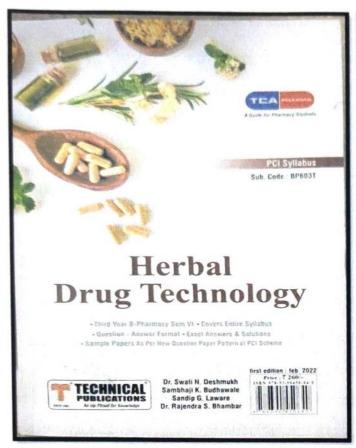




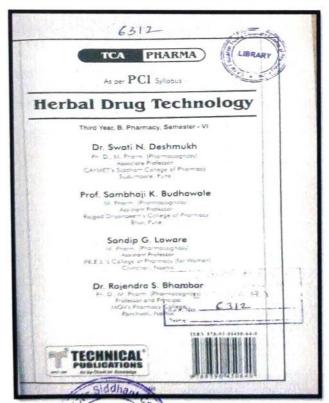


PRINCIPAL SIDDHANT COLLEGE OF PHARMACY, SUDUMBRE, PUNE 412 109

Book Publication Academic Year 2021-22

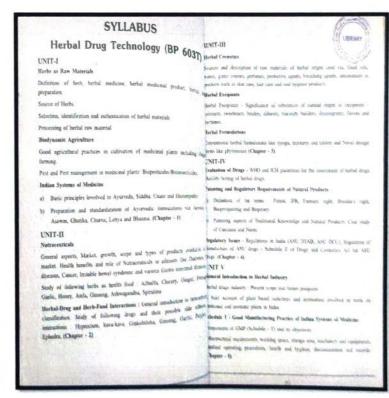




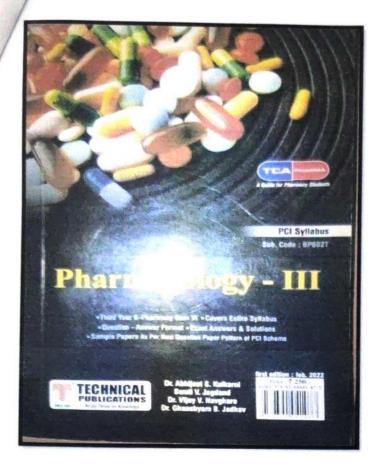


SEAL Sudumbre, Pune-412 109.

CAPE

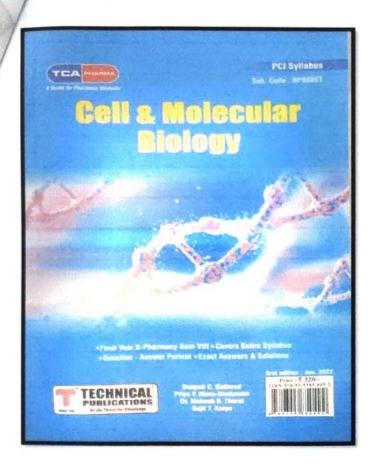


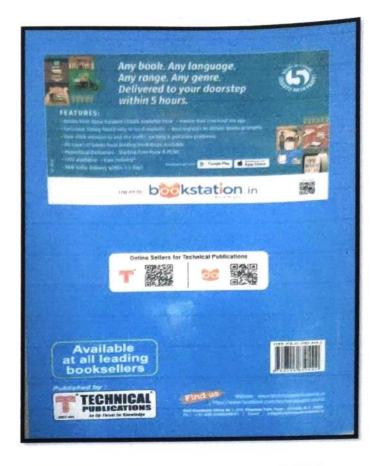


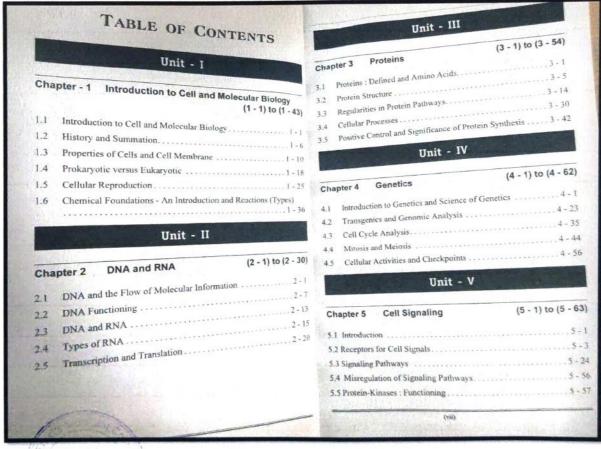




SEAL Sudampre	3.2 Chemotherspy of Maligness y	2
Sidula	5.1. Limiters Tract Indoctions and Sexually Tea	narried Disease, 3.
Eff timetary and Anti-emetica 2-15	Chapter 5 Chemotherapy - III	(5-1) to (5-26
2.4 Depresants and Communitary 245	UNIT-IV	E adults
2.7 Appendix Statesland and Superculants 1.15	4. Antamoenic Agents	4.7
2.2 Constitution and Directions 2.7	4.6 Antonialarial Drugs	4.5
21 Antistica Agents	4.5 Anthelmintes	4.5
Chapter 2 Pharmacology of Drugs Acting on the Gastrointestinal Tract (2-1) to (2-19)	4.4 Auto and Drugs	4.4
	4.3 Antifungal agrams	4-2
4.5 Responsery Strendants	4.2 Andrieprote Agents	4
1.4 Named Emission of Associations (1.21-	A.1. Aminubercular Agents	(4-1) to (4-8)
1.1 Expectaments and Commissions	UNIT-III Chapter-4 Chemotherapy II	
1.2 Drugs Used in Management of CURFS		3.0
1.1 Agar authors Drugo	3.2 Serlphonounde and Cotronoccasole 1.3 Antihonica	3.0
on Reprint	11 Geteral Principles of Chemotherapy	3.1
UNIT-I	Chapter-3 Chemotherapy 1	(3-1) to (3-49
UNITE	UNIT-II	



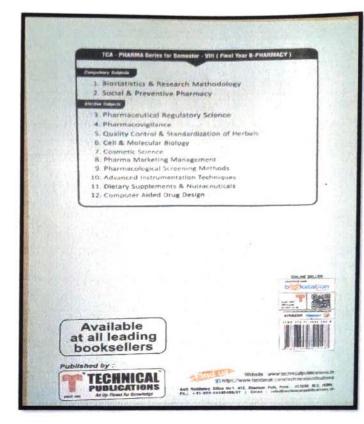












Unit IV Safety data generation · Pre clinical phase TABLE OF CONTENTS · Clinical phase · Post approval phase (PMS) ICH Guidelines for Pharmacovigilance Unit - I · Organization and objectives of ICH · Expedited reporting Introduction to Pharmacovigilance, ADR Chapter - 1 and Basic Terminologies (1 - 1) to (1 - 44) · Individual case safety reports · Periodic safety update reports Introduction to Pharmacovigilance 1.1 · Post approval expedited reporting Introduction to Adverse Drug Reactions. · Pharmacovigilance planning 1.3 Basic Terminologies Used in Pharmacovigilance. . . . Good clinical practice in pharmacovigilance studies (Chapter - 4) Unit V Unit - II Pharmacogenomics of adverse drug reactions Genetics related ADR with example focusing PK parameters. Chapter 2 Drug and Disease Classification. Drug safety evaluation in special population Dictionaries and Coding, Information Resources, Establishing · Paediatrics Pharmacovigilance Programme · Pregnancy and lactation (2 - 1) to (2 - 51) · Genuiries Drug and Disease Classification CIOMS * CIOMS Working Groups Drug Dictionaries and Coding in Pharmacovigilance . CIOMS Form Information Resources in Pharmacovigilance CDSCO (India) and Pharmacovigilance 2.4 Establishing Pharmacovigilance Programme. . . . D&C Act and Schedule Y Differences in Indian and global pharmacovigilance requirements (Chapter - 5)



SIDDHANT COLLEGE OF PHARMACY, SUDUMBRE, PUNE-412 109

2 - 32

2-36

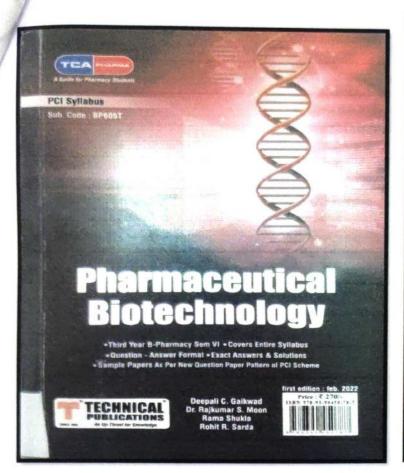




Table of Contents UNIT-I Enzyme Technology Chapter-1 (1-1) to (1-40) 1.1 Brief Introduction to Biotechnology with Reference to Pharmaceutical Sciences 1.2 Enzyme Biotechnology 1-3 1.3 Biosensors 1.4 Brief Introduction to Protein Engineering 1-14 1.5 Use of Microbes in Industry 1-22 1.6 Basic Principles of Genetic Engineering 1-39 UNIT-II Chapter-2 Re-combinant DNA Technology (2-1) to (2-30) 2.1 Study of Cloning Vectors, Restriction Endonucleases 2-1 and DNA Ligas 2.2 Recombinant DNA Technology, Applications 2.14 of Genetic Engineering in Medicine 2.3 Applications of r-DNA Technology and 2-18 Genetic Engineering

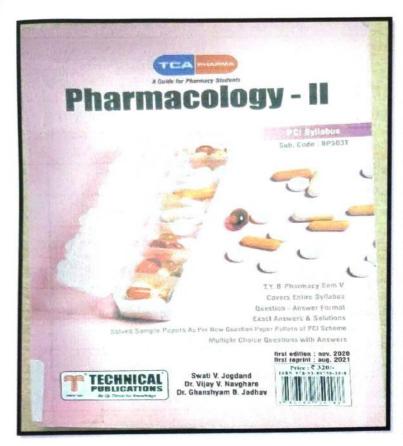
Brief Impoducition to PCR

UNIT-II	ı
Chapter-3 Immunology	(3-1) to (3-38)
3.1 Types of Immunity	3-1
3.2 Structure of Immunoglobulins	3-5
3.3 Structure and Function of MHC	3-10
3.4 Hypersensitivity Reactions	3-14
3.5 Immune Stimulation and Immune Su	appression 3-20
3.6 General Method of Preparation	3-27
3.7 Storage Conditions and Stability of G	Official Vaccines 3-33
3.8 Hybridoma Technology	3-35
3.9 Blood Product and Plasma Substitue	ent 3-38
UNIT-I Chapter-4 Immunoblotting Test	
Chapter-4 Immunoblotting Tec Microbial Genetics	(4-1) to (4-54)
4.1 Immunoblotting Techniques	4-1
4.2 Genetic Organization of Eukaryotes	and Prokaryotes 4-17
4.3 Microbial Genetics	4-21
4.4 Introduction to Microbial Brotransfe	omation 4-44
4.5 Mutation	4-51
Com A	1

SIDDHANT COLLEGE OF PHARMACY, SUDUMBER PUNE 412 109

2.20

Book Publication Academic Year 2020-21





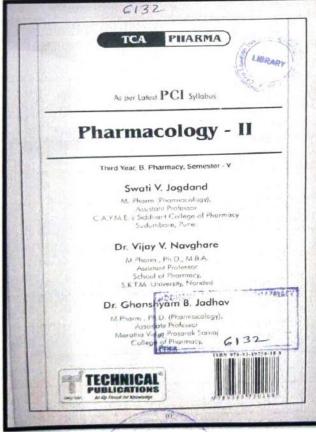


TABLE OF CONTENTS Unit - 1	2.8 Anti-diuretic and its Derivatives 2. Multiple Choice Questions with Answers 2. Unit - III
peter - 1 Pharmacology of Drugs Acting on Cardio Vascular System (1 - 1) to (1 - 54) Introduction to Hemodynamic and Electrophysiology of Heart Failure 1-7 Anti-hypertensive Urugs 1-15 Anti-hypertensive Urugs 1-36 Aiti-arrhythmic Drugs 1-36 Aiti-hyperhipidemic Drugs 1-46 Multiple Choice Questions with Answers 1-56	Chapter - 3 Autocoids and Related Drugs (3 - 1) to (3 - 7 3,1 Introduction to Autocoids and Classification
Drugs Used in Therapy of Shock 2 - 1	on Endocrine System - 1 (4 - 1) to (4 - 7) It Basic Cencepts of Endocrine Pharmacology 4 Anactor Pitusiary Hormones 4 Thyroid Flormones - 4 Hormones Regulating Plasma Calcium Level -Parathorone Calcitenia and Vitarian D 4 Insalm, Oral Hypoglycentic Agents and Obscapon 4 ACTH and Cortisenteroids 4 Multiple Choise Questions with Answers 4 PRARMA

PRINCIPAL



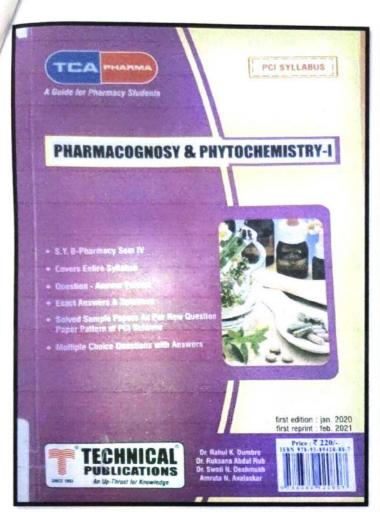
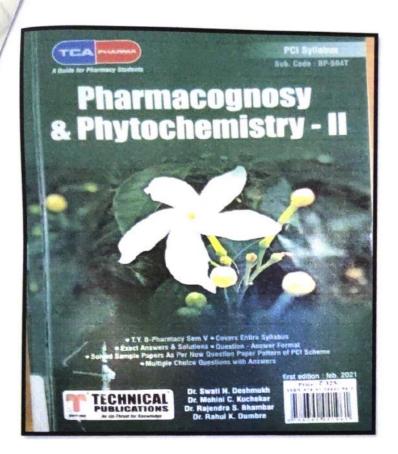




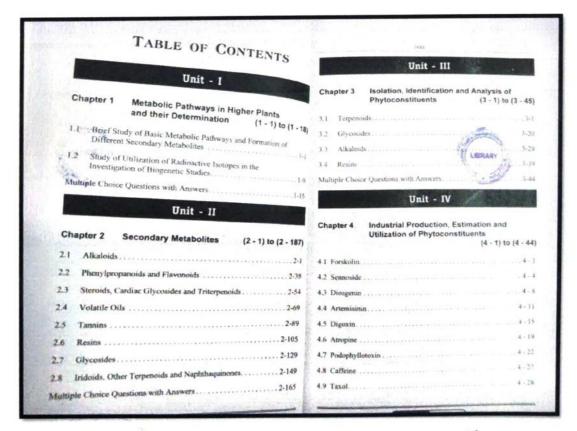
TABLE OF CONTENTS Unit - II Cultivation, Collection and Processing Chapter - 2 Unit - I of Medicinal Plants (2 - 1) to (2 - 53) Cultivation of Medicinal Plants. 2.1 Pharmacognosy: Scope, Potential Chapter - 1 Collection of Drugs of Natural Origin and Quality Control (1 - 1) to (1 - 115) Factors Influencing Cultivation of Medicinal Plants 2 - 13 Plant Hormones and their Applications 2.4 1.1.1 Definition, History, Scope and Development Genetics as Applied to Medicinal Plants. Conservation of Medicinal Plants 2 - 50 Multiple Choice Questions with Answers.... Unit - III Quality Control of Drugs of Natural Origin 1 - 26 (3 - 1) to (3 - 26) 1.3.1 Adulteration of Drugs of Natural Origin/Herbal Drugs. . . 1 - 26 Chapter - 3 Plant Tissue Culture Introduction to PTC..... 3.1 1321 Organoleptic Evaluation or Morphological Historical Development of Plant Tissue Culture. 32 13.2.2 Microscopic Evaluation 1 - 50 Nutritional Requirement for Growth and Maintenance of PTC 3.4 Applications of PTC in Pharmacognosy Edible Vaccines.... 3.6 Multiple Choice Questions with Answers....







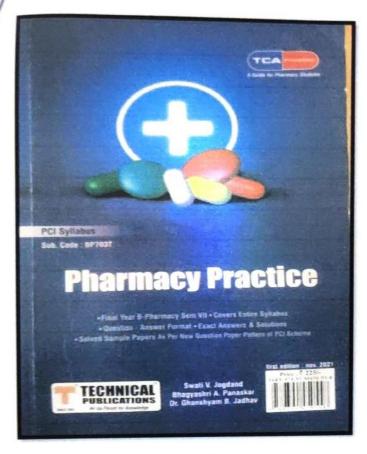


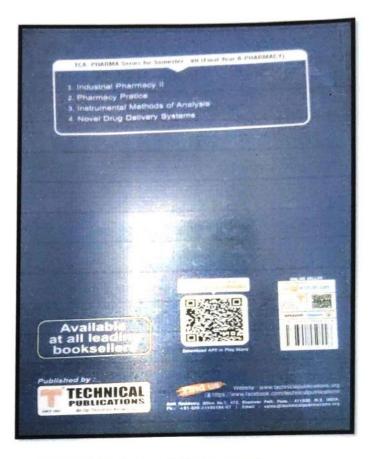




PRINCIPAL
SIDDHANT COLLEGE OF PHARMACY,
SUDUMBRE, PUNE 412 109

Book Publication Academic Year 2019-20

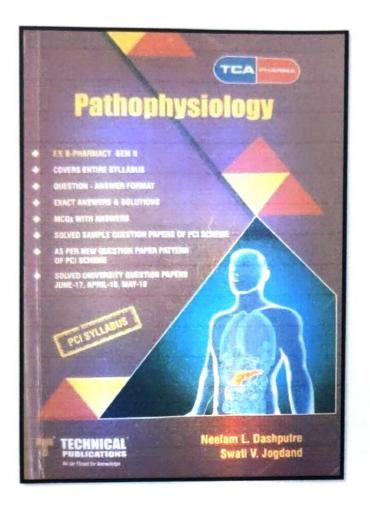




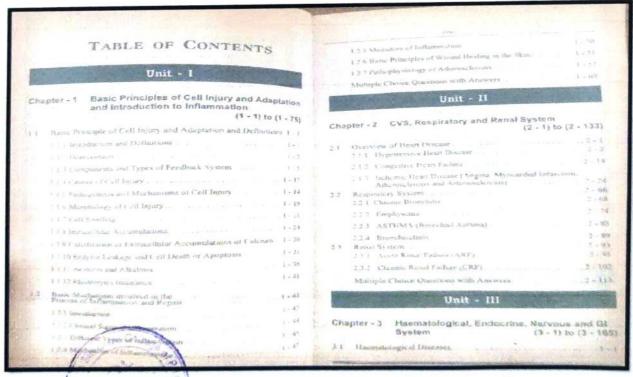
SUDUMBRE, PUNE 412 108

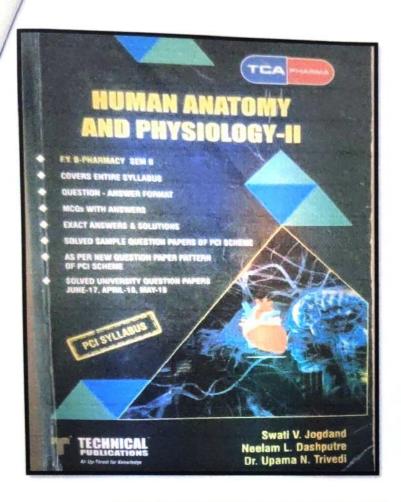
SYLLABUS and Drug list, preparation and revision, and addition and deletion of drug from Pharmacy Practice (BP 703T) c) Therapeutic drug monitoring Unit I : Need for Therapeutic Drug Momboring, Factors to be considered during the a) Hospital and it's organization Therapeutic Drug-Vonincring, and Indian scenario for Therapeutic Drug-Definition, Chasification of hospital - Primary, Secondary and Tenany, hospitals. Classification based on chrical and non-chrical basis, Organization d) Medication adherence Structure of a Hospital, and Medical maffs involved in the hospital and they Causes of medication non-adher adherence, and mountaining of patient medication adherence. b) Hospital pharmacy and its organization Need for the patient medication bistory interview, medication inherview forms Definition, functions of hospital pharmacy, Organization structure, Localita, Layout and staff requirements, and Responsibilities and functions of hospital f) Community pharmacy management Financial, materials, staff, and inflantantum requirements. (Chapter - 2) c) Adverse drug reaction Classifications - Excessive pharmacological effects, secondary pharmacological a) Pharmery and therapeutic comm effects, adiasynerary altergic deug reactions, genetically determined toxics, toxicity following sudden withdrawal of drugs. Drug interaction-benefic a Organization, functions. Policies of the practicely and decorpositio committee in including drugs into forestlary, injustrat and competent preculation, automatic interactions, adverse interactions, and pharmacokinetic drug interactors. Mechanic for detecting drug interactions, spontaments case reports and record top order, and emergency drug list preparation. b) Drug information services linkage studies, and Adverse drug reaction reporting and management. Drog and Peison information centre, Sources of drog information owned services, and storage and retrieval of information. Eleganization and structure of retail and whatesale drug store, types and design Legal requirements for establishment and maintenance of a drug your Dispensing of proprietary products, maintenance of records of retail and Defication of patient courseling; steps involved in patient counseling, and Special cases that require the proscholmair drug store. (Chapter - 1) d) Education and training program in the hospital Role of pharmacut in the education and traverog program, forestal had extended transing program, Services to the nursing homeoclopaies. Code of stimes for secondarity pharmetry, and flairs of plantenine in the introdepartmental Luit II : Dispensing of drugs in equalistic types of drug durithmen systems, charges policy and labeling. Unpersong of drugs to embolismy patients and Dispensing of controlled drugs. e) Brug distribution system in a bospital contraction and comparity health education e) Prescribed medication under and communication skill Prescribed undicator order samprelation and legal Correlamication (kills) communities with provious and solumn and College of KA

Book Publication Academic Year 2018-19

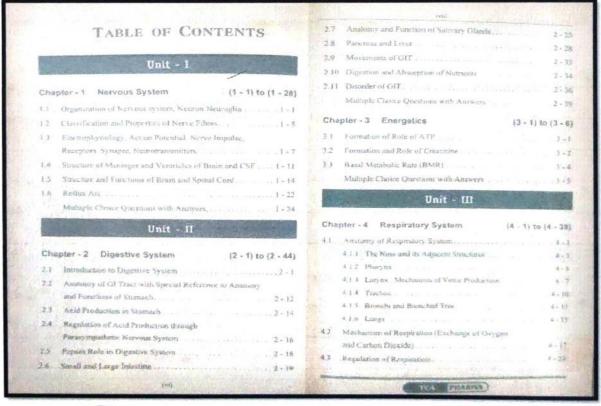






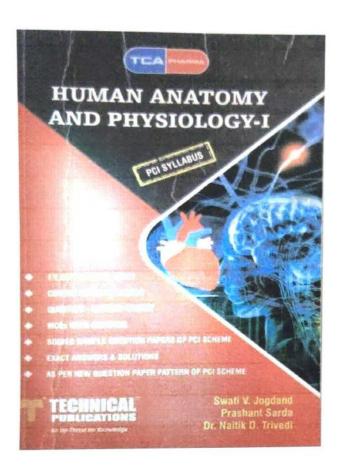








PRINCIPAL
SUDANT COLLEGE OF PHARMACY,
SUDUMBRE, PLINE 12 199





Unit - 1	3.3 Structure, Location and Functions of Connective Tissue. 3 - 6 3.4 Structure, Location and Functions of Muscular Tissue. 3 - 11 3.5 Structure, Location and Functions of Nervous Tissue. 3 - 13 Multiple Choice Questions with Answers. 3 - 15
Chapter - 1 Introduction to Human Body (1 - 1) to (1 - 11) 1.1 Definition and Scope of Anatomy and Physiology 1-1 1.2 Levels of Structural Organization and Body Systems 1-2 1.3 Basic Life Processes 1-4 1.4 Homeostasis 1-5 1.5 Basic Anatomical Terminology 1-6 Multiple Choice Questions with Answers 1-10 Chapter - 2 Cellular Level of Organization (2 - 1) to (2 - 35) 2.1 Structure and Functions of Cell 2-1 2.2 Transport Across Cell Membrane 2-10 2.3 Cell Division 2-17 2.4 Cell Junctions 2-24 2.5 General Principles of Cell Communication 2-25 2.6 Intracellular Signaling Pathway Activation by Extracellular Signal Molecule 2-27 2.7 Forms of Intracellular Signaling 2-30 Multiple Choice Questions with Answers 2-32 Chapter - 3 Tisaue Level of Organization (3 - 1) to (3 - 16)	Unit - II Chapter - 4 Integumentary System (4 - 1) to (4 - 7) Multiple Choice Questions with Answers 4 - 5 Chapter - 5 Skeletal System and Joints (5 - 1) to (5 - 43) 5 1 Divisions of Skeletal System . 5 - 1 5 2 Types of Bones 5 - 2 5 3 Salient Features and Function of bones of Axial and Appendicular Skeletal System 5 - 6 5 4 Organization of Skeletal Muscle 5 - 25 5 5 Physiology of Muscle Contraction 5 - 20 5 6 Neuromuscular Junction 5 - 27 5 7 Structure and Function Classification of Joints 5 - 28 5 8 Types of Joint Movements and its Articulation 5 - 33 Multiple Choice Questions with Answers 5 - 32 Unit - III Chapter - 6 Body Fluids and Blood (6 - 1) to (6 - 54) A) Very Short Types Questions 6 - 1
3-1 Classification of Tissue	Multiple Choice Questions with Auswers. 6 - 47



PRINCIPAL
SIDDHANT COLLEGE OF PHARMACY,
SUDUMBRE, PUNE 412 109