

NAAC- B⁺

Yashoda Shikshan Prasarak Mandal's

Yashoda Technical Campus,

Faculty of Pharmacy Wadhe, NH-4, Satara – 41501

Course outcomes

Name of the course: Pharmacology I

Course Code: BP404T

Semester: IV

Class: S.Y.B.Pharm

After completion of course students will be able to

CO	Course Outcomes
BP404T C01	Summarize the fundamental concepts of pharmacology, route of drug administration and pharmacokinetics.
BP404T C02	Understand the basics of pharmacodynamics, adverse reactions, drug interactions and drug discovery
BP404T C03	Identify the role of neurohumoral transmission and drugs acting on peripheral nervous system
BP404T C04	Analyze the functions of neurotransmitters and drugs acting on central nervous system
BP404T C05	Appraise the pharmacology of Psychopharmacological agents and to evaluate the effects of drugs against neurodegenerative disorders and to elaborate the concepts of drug addiction/abuse/tolerance/ dependence

CO-PO mapping

	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11
Code											
BP404T C01	3	2	1	2	1	3	2	2	3	1	3
BP404T C02	3	1	1	1	1	3	3	1	3	1	3
BP404T C03	3	1	1	1	1	3	3	2	1	1	3
BP404T C04	3	1	1	1	1	3	3	2	1	1	3
BP404T C05	3	1	1	1	1	3	3	2	1	1	3
Average	3	1.2	1	1.2	1	3	2.8	1.8	1.8	1	3
Average Roundup	3	1	1	1	1	3	3	2	2	1	3

Correlation level 1,2,3 as defined below

1- Slight 2- Moderate 3 High

Course co-ordinator

HOD

Principal



Co-PO mapping Justification

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Semester: IV

Class: S.Y.B.Pharm

CO No.	PO's Mapped	Level	Justification
BP404T C01	PO1	3	Strongly mapped as student can gain accurate pharmacy knowledge highly while studying routes of drug administration, pharmacokinetics
	PO2	2	Moderately mapped as planning abilities of students will be developed while studying routes of drug administration
	PO3	1	Slightly mapped as problem analysis abilities will be least developed
	PO4	2	Moderately mapped as there is moderate use of modern tool usage while studying routes of drug administration, pharmacokinetics
	PO5	1	Slightly mapped as students will develop leadership skills slightly
	PO6	3	Highly reflects professional identity as a pharmacist while studying fundamental concepts in pharmacology
	PO7	2	Moderately mapped as Ethical principles moderately followed while administering drugs to patients
	PO8	2	Moderately mapped as students will develop communication skills through seminar, group discussion
	PO9	3	Strongly mapped as counselling regarding routes of drug administration to society can be done
	PO10	1	Slightly mapped as environmental sustainability can be slightly maintained with the use of drugs
	PO11	3	Strongly mapped as lifelong learning is highly achievable
BP404T C02	PO 1	3	Strongly mapped as student can gain accurate pharmacy knowledge.
	PO2	1	Slightly mapped as planning ability in studying adverse drug reaction is least developed
	PO 3	1	Slightly mapped as problems solving ability least developed
	PO 4	1	Slightly mapped as least usage of modern tools in studying adverse drug reaction is least developed
	PO5	1	Slightly mapped as students will develop leadership skills slightly
	PO 6	3	Strongly mapped as pharmacodynamics ,ADR reflects professional identity as a pharmacist
	PO 7	3	Strongly mapped as ethics should be followed in trials to the fullest
	PO8	2	Moderately mapped as students will develop communication skills through seminar, group discussion

	PO9	3	Strongly mapped as counselling regarding adverse drug reaction to society should be done by students
	PO10	1	Slightly mapped as environmental sustainability can be slightly maintained with the use of drugs
	PO 11	3	Strongly mapped as lifelong learning is highly achievable
BP404T C03	PO1	3	Strongly mapped as drugs acting on CNS,Neurotransmitter can give accurate pharmacy knowledge.
	PO2	1	Slightly mapped as planning ability in studying adverse drug reaction is least developed
	PO3	1	Slightly mapped as problems solving ability least developed (Ability to identify disease)
	PO 4	1	Slightly mapped as least usage of modern tools in studying adverse drug reaction is least developed
	PO5	1	Slightly mapped as leadership skill can be least developed
	PO6	3	Strongly mapped as use of local anaesthetic for social well being reflects professional identity
	PO 7	3	Strongly mapped as ethics should be followed while giving drugs acting on Peripheral nervous system
	PO8	2	Moderately mapped as students will develop communication skills through seminar,group discussion
	PO9	1	Slightly mapped as Effect of drugs on health of society can be counselled by pharmacist
	PO10	1	Slightly mapped as environmental sustainability can be slightly maintained with the use of drugs
	PO11	3	Strongly mapped as lifelong learning is highly achievable
BP404T C04			
	PO1	3	Strongly mapped as Student can gain accurate pharmacy knowledge with study of drugs acting on CNS.
	PO2	1	Slightly mapped as planning ability in studying adverse drug reaction is least developed
	PO 3	1	Slightly mapped as problem solving ability will be least developed
	PO 4	1	Slightly mapped as least usage of modern tools in studying neurotransmitter is least developed
	PO5	1	Slightly mapped as leadership skill can be least developed
	PO 6	3	Strongly mapped as use of drugs acting on CNS for social well being it reflects professional identity
	PO 7	3	Strongly mapped as ethics should be followed while giving drugs acting on Peripheral nervous system
	PO8	2	Moderately mapped as students will develop communication skills through seminar,group discussion
	PO9	1	Slightly mapped as Effect of drugs on health of society can be counselled by pharmacist
	PO10	1	Slightly mapped as environmental sustainability can be slightly maintained with the use of drugs
	PO 11	3	Strongly mapped as lifelong learning is highly achievable

BP404T C05	PO1	3	Strongly mapped as Student can gain accurate pharmacy knowledge .
	PO2	1	Slightly mapped as planning ability while studying drugs against neurodegenerative disorders is least developed
	PO 3	1	Slightly mapped as problem solving ability will be least developed
	PO 4	1	Slightly mapped as least usage of modern tools while studying neurotransmitter is least developed
	PO5	1	Slightly mapped as leadership skill can be least developed
	PO6	3	Strongly mapped as counselling reflects professional identity as a pharmacist.
	PO 7	3	Strongly mapped as ethics should be followed while giving drugs acting on central nervous system
	PO 8	2	Moderately mapped as students will develop communication skills through seminar,group discussion
	PO9	1	Slightly mapped as Effect of drugs on health of society can be counselled by pharmacist
	PO10	1	Slightly mapped as environmental sustainability can be slightly maintained with the use of drugs
	PO11	3	Strongly mapped as lifelong learning is highly achievable

Course co-ordinator

HOD

Principal