



Jagdamba Education Society's
SND COLLEGE OF PHARMACY
Babhulgaon, Tal- Yeola, Dist. Nashik. Pin- 423 401 (Maharashtra)
Approved by Govt. of Maharashtra, Affiliated to University of Pune
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CO PO PSO MAPPING

ACADEMIC YEAR 2022-23

ODD SEMESTER

NAME OF THE SUBJECT	:	Pharmaceutical Organic Chemistry II
SUBJECT CODE	:	BP301T
SYLLABUS PATTERN	:	2019
SEMESTER	:	III
NUMBER OF CREDITS	:	04

Course Outcomes (COs):

After successful completion of course student will able to understand

- COBP301.1. the structure, name and the type of isomerism in the organic compound
- COBP301.2. the reaction, type of reaction and orientation of reactions
- COBP301.3. reactivity and stability of organic compounds
- COBP301.4. synthesis of various derivatives of organic compounds

**STATEMENT OF PROGRAM OUTCOME, PROGRAM SPECIFIC OUTCOMES,
PROGRAM EDUCATIONAL OBJECTIVES**

PO1	PHARMACY KNOWLEDGE	Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioral, social, and administrative pharmacy sciences; and manufacturing practices.
PO2	PLANNING ABILITIES	Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.
PO3	PROBLEM ANALYSIS	Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible decisions.
PO4	MODERN TOOL USAGE	Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.
PO5	LEADERSHIP SKILLS	Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and well-being.
PO6	PROFESSIONAL IDENTITY	Understand, analyze and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).

PO7	PHARMACEUTICAL ETHICS	Honour personal values and apply ethical principles in professional and social contexts. Demonstrate behavior that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.
PO8	COMMUNICATION	Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.
PO9	THE PHARMACIST AND SOCIETY	Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.
PO10	ENVIRONMENT & SUSTAINABILITY	Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO11	LIFE LONG LEARNING	Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self- assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an ongoing basis.

STATEMENT OF PROGRAM SPECIFIC OUTCOMES

PSO1	The graduate of this program will be skilled enough to efficiently contribute in Pharmaceutical Industries.
PSO2	The graduate of this program will be enriched with adequate Pharmacy knowledge to effectively participate in the healthcare system.
PSO3	The graduate of this program will have innovative mind set and awareness of recent trends to proficiently contribute in the pharmaceutical research and development.
PSO4	The graduate of this program will have moral social and environmentally conscious behavior.

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)
 If there is no correlation, put “-”

	PO1 Pharmacy Knowledge	PO2 Planning Abilities	PO3 Problem analysis	PO4 Modern tool usage	PO5 Leadership skills	PO6 Professional Identity	PO7 Pharmaceutical Ethics	PO8 Communication	PO9 The Pharmacist and society	PO10 Environment and sustainability	PO11 Life-long learning
CO.101.1	3	-	-	-	-	1	-	-	2	-	3
CO 101.2	3	-	-	-	-	1	-	-	2	-	3
CO101.3	3	1	1	2	-	1	-	-	2	-	3
CO101.4	3	1	1	2	-	1	-	-	2	-	3
Average	3	1	1	2	-	1	-	-	2	-	3

CO101.1 After successful completion of course student will able to understand the structure, name and the type of isomerism in the organic compound

	Level of mapping
PO1 Pharmacy Knowledge	3
PO2 Planning Abilities	-
PO3 Problem analysis	-
PO4 Modern tool usage	-
PO5 Leadership skills	-
PO6 Professional Identity	1
PO7 Pharmaceutical Ethics	-
PO8 Communication	-
PO9 The Pharmacist and society	2
PO10 Environment and sustainability	-
PO11 Life-long learning	3

CO101.2 After successful completion of course student will able to understand . the reaction, type of reaction and orientation of reactions

	Level of mapping
PO1 Pharmacy Knowledge	3
PO2 Planning Abilities	-
PO3 Problem analysis	-
PO4 Modern tool usage	-
PO5 Leadership skills	-
PO6 Professional Identity	1
PO7 Pharmaceutical Ethics	-
PO8 Communication	-
PO9 The Pharmacist and society	1
PO10 Environment and sustainability	-
PO11 Life-long learning	3

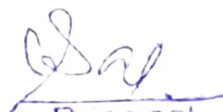
CO101.3. After successful completion of course student will able to understand reactivity and stability of organic compounds

	Level of mapping
PO1 Pharmacy Knowledge	3
PO2 Planning Abilities	1
PO3 Problem analysis	1
PO4 Modern tool usage	2
PO5 Leadership skills	-
PO6 Professional Identity	1
PO7 Pharmaceutical Ethics	-
PO8 Communication	-
PO9 The Pharmacist and society	2
PO10 Environment and sustainability	-
PO11 Life-long learning	3

CO101.4. After successful completion of course student will able to understand synthesis of various derivatives of organic compounds

	Level of mapping
PO1 Pharmacy Knowledge	3
PO2 Planning Abilities	1
PO3 Problem analysis	1
PO4 Modern tool usage	2
PO5 Leadership skills	-
PO6 Professional Identity	1
PO7 Pharmaceutical Ethics	-
PO8 Communication	-
PO9 The Pharmacist and society	2
PO10 Environment and sustainability	-
PO11 Life-long learning	3




Principal
S. N. D. College of Pharmacy
Babhulgaon, Tal. Yeola (Nasik)