



**Name of the course:** Medicinal Chemistry-I

### Course Outcomes

**Course Code:** BP406P

**Semester:** IV

**Class:** IIB.Pharm

**After completion of course students will be able to**

| CO        | Course Outcomes  |
|-----------|--|
| BP406PC01 | Understand and synthesize drugs/intermediates            |
| BP406PC02 | Understand and analyze drugs                             |
| BP406PC03 | Understand and perform partition coefficient experiments |

#### CO-PO mapping

|           | PO1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PO 8 | PO 9 | PO 10 | I |
|-----------|-----|------|------|------|------|------|------|------|------|-------|---|
| Code      |     |      |      |      |      |      |      |      |      |       |   |
| BP406PCO1 | 3   | 3    | 3    | 1    | 1    | 2    | 1    | 1    | 1    | -     |   |
| BP406PCO2 | 3   | 3    | 3    | 2    | 1    | 2    | 1    | 1    | 1    | 1     |   |
| BP406PCO3 | 3   | 3    | 3    | 1    | 1    | 2    | 1    | 1    | 1    | 1     |   |
| Average   | 3   | 3    | 3    | 1    | 1    | 2    | 1    | 1    | 1    | 1     |   |

Correlation level 1,2,3 as defined below

1- Slight 2- Moderate 3 High

Course co-ordinator

HOD

Principal



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| <b>CO No.</b> | <b>PO's Mapped</b> | <b>Level</b> | <b>Justification</b>   |
|---------------|--------------------|--------------|--|
| BP406PCO1     | <b>PO1</b>         | <b>3</b>     | Highly mapping with Understand and synthesize drugs/intermediates as a part of pharmaceutical science  |
|               | <b>PO2</b>         | <b>3</b>     | Highly mapping with Understand and synthesizedrugs/intermediates (Planning of work to meet deadlines)  |
|               | <b>PO3</b>         | <b>3</b>     | Highly mapping with Understand and synthesizedrugs/intermediates It improves analytical thinking ability of students..   |
|               | <b>PO4</b>         | <b>1</b>     | Slightly mapping with Understand and synthesizedrugs/intermediates. Student can able to learn and apply procedures and resources.  |
|               | <b>PO5</b>         | <b>1</b>     | Slightly mapping with Understand and synthesizedrugs/intermediates Improves leadership skill   |
|               | <b>PO6</b>         | <b>2</b>     | Moderately mapping with Understand and synthesize drugs/intermediates. Students can analyze their professional role in society   |
|               | <b>PO7</b>         | <b>1</b>     | Slightly mapping with Understand and synthesizedrugs/intermediates   |
|               | <b>PO8</b>         | <b>1</b>     | Slightly mapping with Understand and synthesizedrugs/intermediates   |
|               | <b>PO9</b>         | <b>1</b>     | Slightly mapping with Understand and synthesizedrugs/intermediates   |
|               | <b>PO10</b>        | <b>-</b>     | No mapping with Understand and synthesizedrugs/intermediates   |
|               | <b>PO11</b>        | <b>2</b>     | Slightly mapping with Understand and synthesizedrugs/intermediates   |
| BP406PCO2     | <b>PO1</b>         | <b>3</b>     | Highly mapping with Understand and analyze drugs as a part of pharmaceutical science   |
|               | <b>PO2</b>         | <b>3</b>     | Highly mapping with Understand and analyze drugs as it includes time management, resource management   |
|               | <b>PO3</b>         | <b>3</b>     | Highly mapping with Understand and analyze drugs. Students can analyze, evaluate and apply information systematically  |
|               | <b>PO4</b>         | <b>2</b>     | Moderately mapping with Understand and analyze drugs. Students will be able to learn, select, and apply appropriate methods and procedures, resources  |
|               | <b>PO5</b>         | <b>1</b>     | Slightly mapping with Understand and analyze drugs   |
|               | <b>PO6</b>         | <b>2</b>     | Moderately mapping with Understand and analyze drugs as student can analyse their role as a healthcare professional.   |
|               | <b>PO7</b>         | <b>1</b>     | Slightly mapping with Understand and analyze drugs. Students can apply ethical principles in professional and social contexts.   |
|               | <b>PO8</b>         | <b>1</b>     | Slightly mapping with Understand and analyze drugs. Student can communicate effectively with the pharmacy community and with society such as being able to comprehend and write effective reports. |

|           |             |          |   |
|-----------|-------------|----------|---|
| BP406PCO3 | <b>PO9</b>  | <b>1</b> | Slightly mapping with Understand and analyze drugs. Student can use knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice. |
|           | <b>PO10</b> | <b>1</b> | Slightly mapping with Understand and analyze drugs  |
|           | <b>PO11</b> | <b>2</b> | Moderately mapping with Understand and analyze drugs as it is a life long learning area in pharmacy profession.   |
|           | <b>PO1</b>  | <b>3</b> | Highly mapping with Understand and perform partition coefficient experiments as a part of pharmaceutical science  |
|           | <b>PO2</b>  | <b>3</b> | Highly mapping with Understand and perform partition coefficient experiments as it develops planning ability to work within timeline  |
|           | <b>PO3</b>  | <b>3</b> | Highly mapping with Understand and perform partition coefficient experiments. Students can evaluate and apply information systematically  |
|           | <b>PO4</b>  | <b>1</b> | Slightly mapping with Understand and perform partition coefficient experiments. Students can learn and apply appropriate methods and procedures, resources.   |
|           | <b>PO5</b>  | <b>1</b> | Slightly mapping with Understand and perform partition coefficient experiments to develop skills  |
|           | <b>PO6</b>  | <b>2</b> | Moderately mapping with Understand and perform partition coefficient experiments. Students can understand the value of their professional roles in society  |
|           | <b>PO7</b>  | <b>1</b> | Slightly mapping with Understand and perform partition coefficient experiments. Students can apply ethical principles in pharmacy profession.   |
|           | <b>PO8</b>  | <b>1</b> | Slightly mapping with Understand and perform partition coefficient experiments  |

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