

Approved by PCI & Affiliated to MAKAUT, WB and WBSCT&VE&SD
Dr. Meghnad Saha Sarani, Bidhannagar, Durgapur-713206, West Bengal (India)

PROGRAM: M.PHARM INDUSTRIAL PHARMACY

SYLLABUS: NEW

PROGRAM CODE: 218

| Course Code: MIP-101 | PO1 | PO2 | PO3 | PO4 | PO5 | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 |
|--|-----|-----|-----|-----|-----|------|------|------|------|------|
| CO1 | 3 | 1 | 1 | - | 1 | 3 | 1 | 3 | 3 | 2 |
| CO2 | 3 | 2 | 3 | 2 | 1 | 3 | 2 | 3 | 3 | 3 |
| CO3 | 3 | 3 | 3 | 3 | 1 | 3 | 2 | 3 | 3 | 3 |
| CO4 | 3 | 3 | 3 | 3 | 1 | 3 | 2 | 3 | 3 | 3 |
| CO (AVG.) | 3 | 2 | 3 | 3 | 1 | 3 | 2 | 3 | 3 | 3 |
| Correlation Keys are as follows: "-" for No correlation; 1 for Low; 2 for Moderate; 3 for High | | | | | | | | | | |
| Course Code: MIP-102 | PO1 | PO2 | PO3 | PO4 | PO5 | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 |
| CO1 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 1 | 3 | 3 |
| CO2 | 3 | 3 | 3 | 2 | 1 | 3 | 3 | 1 | 3 | 3 |
| CO3 | 3 | 3 | 3 | 2 | 1 | 3 | 3 | 1 | 3 | 3 |
| CO (AVG.) | 3 | 3 | 3 | 2 | 1 | 3 | 3 | 1 | 3 | 3 |
| Course Code: MIP-103 | PO1 | PO2 | PO3 | PO4 | PO5 | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 |
| CO1 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 2 |
| CO2 | 3 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 3 | 2 |
| CO3 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 2 |
| CO4 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 2 |
| CO5 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
| CO (AVG.) | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 2 |
| Course Code: MIP-104 | PO1 | PO2 | PO3 | PO4 | PO5 | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 |
| CO1 | 3 | 3 | 3 | 2 | 3 | 3 | 1 | 3 | 2 | 3 |
| CO2 | 2 | 3 | 3 | 2 | 3 | 3 | 1 | 3 | 2 | 3 |
| CO3 | 2 | 3 | 1 | 3 | 2 | 2 | 1 | 3 | 2 | 3 |
| CO (AVG.) | 2 | 3 | 2 | 2 | 3 | 3 | 1 | 3 | 2 | 3 |
| Course Code: MIP-191 | PO1 | PO2 | PO3 | PO4 | PO5 | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 |
| CO1 | 3 | - | 3 | 2 | 1 | 3 | 2 | 2 | 2 | 3 |
| CO2 | 3 | - | 3 | 2 | 1 | 3 | 1 | 2 | 2 | 3 |
| CO3 | 3 | 3 | 3 | 2 | 2 | 3 | 1 | 3 | 3 | 3 |
| CO (AVG.) | 3 | 3 | 3 | 2 | 1 | 3 | 1 | 2 | 2 | 3 |
| Course Code: MIP-181 | PO1 | PO2 | PO3 | PO4 | PO5 | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 |

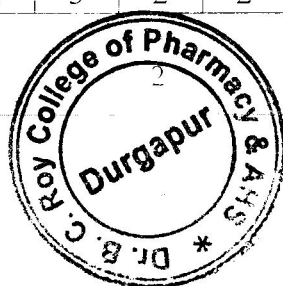


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| | | | | | | | | | | |
|----------------------|-----|-----|-----|-----|-----|------|------|------|------|------|
| CO1 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | - | 3 |
| CO2 | 1 | 3 | 3 | 2 | 3 | 2 | - | 3 | 1 | 3 |
| CO3 | 3 | 2 | 1 | 3 | 2 | 3 | 3 | 3 | 3 | 3 |
| CO (AVG.) | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 |
| Course Code: MIP-201 | PO1 | PO2 | PO3 | PO4 | PO5 | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 |
| CO1 | 3 | 3 | 3 | 2 | - | 3 | 1 | 2 | 3 | 3 |
| CO2 | 3 | 3 | 3 | 2 | - | 3 | 1 | 2 | 3 | 3 |
| CO3 | 3 | 3 | 3 | 2 | 1 | 3 | 1 | 3 | 3 | 3 |
| CO4 | 3 | 3 | 3 | 2 | 1 | 3 | 1 | 3 | 3 | 3 |
| CO (AVG.) | 3 | 3 | 3 | 2 | 1 | 3 | 1 | 3 | 3 | 3 |
| Course Code: MIP-202 | PO1 | PO2 | PO3 | PO4 | PO5 | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 |
| CO1 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 2 | 2 | 1 |
| CO2 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 2 | 2 |
| CO3 | 2 | 2 | 1 | 2 | 3 | 1 | 1 | 2 | 1 | 1 |
| CO (AVG.) | 3 | 1 | 3 | 2 | 1 | 2 | 2 | 2 | 2 | 1 |
| Course Code: MIP-203 | PO1 | PO2 | PO3 | PO4 | PO5 | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 |
| CO1 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
| CO2 | 3 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 3 | 2 |
| CO3 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 3 | 2 |
| CO4 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 2 |
| CO5 | 2 | 2 | 2 | 2 | 3 | 1 | 2 | 2 | 3 | 3 |
| CO (AVG.) | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 |
| Course Code: MIP-204 | PO1 | PO2 | PO3 | PO4 | PO5 | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 |
| CO1 | 3 | 1 | 3 | 3 | 1 | 3 | 1 | 3 | 3 | 1 |
| CO2 | 3 | 3 | 2 | 3 | 1 | 3 | 3 | 2 | 3 | 1 |
| CO3 | 3 | 2 | 2 | 3 | 1 | 3 | 2 | 2 | 3 | 1 |
| CO (AVG.) | 3 | 2 | 2 | 3 | 1 | 3 | 2 | 2 | 3 | 1 |
| Course Code: MIP-291 | PO1 | PO2 | PO3 | PO4 | PO5 | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 |
| CO1 | 3 | 1 | 3 | 2 | 1 | 3 | 2 | 2 | 2 | 3 |
| CO2 | 3 | 1 | 3 | 2 | 1 | 3 | 1 | 2 | 2 | 3 |
| CO3 | 3 | 2 | 3 | 2 | 2 | 3 | 1 | 3 | 3 | 3 |

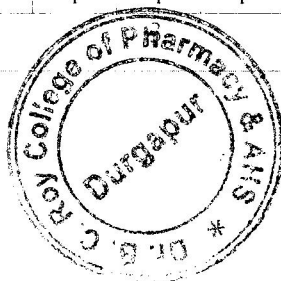


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|-----------------------|-----|-----|-----|-----|-----|------|------|------|------|------|
| CO (AVG.) | 3 | 1 | 3 | 2 | 1 | 3 | 1 | 2 | 2 | 3 |
| Course Code: MIP-281 | PO1 | PO2 | PO3 | PO4 | PO5 | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 |
| CO1 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | - | 3 |
| CO2 | 1 | 3 | 3 | 2 | 3 | 2 | - | 3 | 1 | 3 |
| CO3 | 3 | 2 | 1 | 3 | 2 | 3 | 3 | 3 | 3 | 3 |
| CO (AVG.) | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 |
| Course Code: MPT 381 | PO1 | PO2 | PO3 | PO4 | PO5 | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 |
| CO1 | 3 | 2 | 1 | 2 | 1 | 3 | 1 | 2 | 1 | 3 |
| CO2 | 2 | 3 | 3 | 3 | 1 | 1 | 1 | 2 | 2 | 3 |
| CO3 | 2 | 3 | 3 | 3 | 1 | 1 | 2 | 2 | 2 | 3 |
| CO (AVG.) | 2 | 3 | 2 | 3 | 1 | 2 | 1 | 2 | 2 | 3 |
| Course Code: MPT-384 | PO1 | PO2 | PO3 | PO4 | PO5 | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 |
| CO1 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 3 |
| CO2 | 3 | 2 | 2 | 1 | 1 | 3 | 1 | 3 | 3 | 3 |
| CO3 | 3 | 2 | 1 | 3 | 3 | 2 | 2 | 3 | 3 | 3 |
| CO4 | 3 | 3 | 3 | 3 | 1 | 3 | 1 | 2 | 3 | 3 |
| CO (AVG.) | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | 3 |
| Course Code: MPT- 391 | PO1 | PO2 | PO3 | PO4 | PO5 | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 |
| CO1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| CO2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| CO3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| CO4 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| CO5 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| CO (AVG.) | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| Course Code: MPT- 392 | PO1 | PO2 | PO3 | PO4 | PO5 | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 |
| CO1 | - | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| CO2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| CO3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| CO4 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| CO5 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |

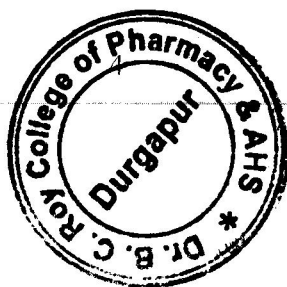


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|-----------------------|-----|-----|-----|-----|-----|------|------|------|------|------|
| CO (AVG.) | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| Course Code: MPT 481 | PO1 | PO2 | PO3 | PO4 | PO5 | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 |
| CO1 | 3 | 2 | 1 | 2 | 1 | 3 | 1 | 2 | 1 | 3 |
| CO2 | 2 | 3 | 3 | 3 | 1 | 1 | 1 | 2 | 2 | 3 |
| CO3 | 2 | 3 | 3 | 3 | 1 | 1 | 2 | 2 | 2 | 3 |
| CO (AVG.) | 2 | 3 | 2 | 3 | 1 | 2 | 1 | 2 | 2 | 3 |
| Course Code: MPT- 491 | PO1 | PO2 | PO3 | PO4 | PO5 | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 |
| CO1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| CO2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| CO3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| CO4 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| CO5 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| CO (AVG.) | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| Course Code: MPT- 492 | PO1 | PO2 | PO3 | PO4 | PO5 | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 |
| CO1 | - | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| CO2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| CO3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| CO4 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| CO5 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |
| CO (AVG.) | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 |



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