



Dr. D. Y. Patil Pratishthan's

Dr. D. Y. PATIL COLLEGE OF PHARMACY

Dr. D. Y. Patil Educational Complex, Sector - 29, Pradhikaran, Akurdi, Pune 411 044.

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Approved by : All India Council for Technical Education, New Delhi

Pharmacy Council of India, New Delhi. Recognized by : Government of Maharashtra

Affiliated to Savitribai Phule Pune University, Pune

Dr. Sanjay D. Patil
President

Padmashree Dr. D. Y. Patil
Founder

Shri. Satej D. Patil
Vce-President & Chairman

Dr. N. S. Vyawahare
Principal

2.6.2

Attainment of POs and COs are evaluated



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2.6.2: Attainment of POs and COs are evaluated.

Programme outcomes (POs) are attained through University curriculum that offers a number of required courses including elective courses. Course Outcomes (COs) are well defined and are prepared for each course by respective subject teacher. The level of attainment for COs for both internal and University examination is set for B. Pharm/ M. Pharm course on the scale of 0 to 3 based on marks scored by students. The final CO attainment is calculated by making correlation between attainment through internal examination and continuous assessment with 25% weightage and external exam with 75% weightage. The level of POs attainment is measured by methods like direct and indirect tools. By above methods organization ensures attainment of Cos and POs through well-defined assessment criteria. The details of one academic year are mentioned in below.

Summary

Sr. No.	Content	Documents
1.	Evaluation Guidelines for CO and PO Attainment	View Documents
2.	Evaluation of CO attainment of B. Pharm and M. Pharm (2023-24)	View Documents
3.	Sample copy of CO attainment calculations	View Documents
4.	CO-PO Matrix of B. Pharm and M. Pharm (2023-24)	View Documents
5.	Evaluation of PO attainment of B. Pharm and M. Pharm (2023-24)	View Documents

Evaluation Guidelines for CO and PO Attainment.

a. Course outcomes:

The course outcomes shall provide chance for students to prove the knowledge, skills and expertise learned from the specific course. On completion of these courses the students will be able to gain knowledge, Practical skills and attitude. The course outcomes are thus directly measured, and are related to the program outcomes. Therefore, if the course outcomes are achieved, the program outcomes are also achieved.

Process of preparation of course outcomes:

- The course objectives of all courses are mentioned in curriculum prescribed by the University.
- All course outcomes are developed using Bloom's taxonomy and consequently assignments, internal exam and practical are aligned to CO addressing the level of Bloom's taxonomy.
- Each faculty has designed COs based on the number of units in syllabus ranging between 4-8 and TLOs are framed as per lecture conducted. For each lecture has one TLOs is designed for which faculty refer syllabus plan.
- The course outcomes of all courses are revised, as per change of syllabus by the university.

Defining of Outcome for each topic from curriculum (Theory and Practical)

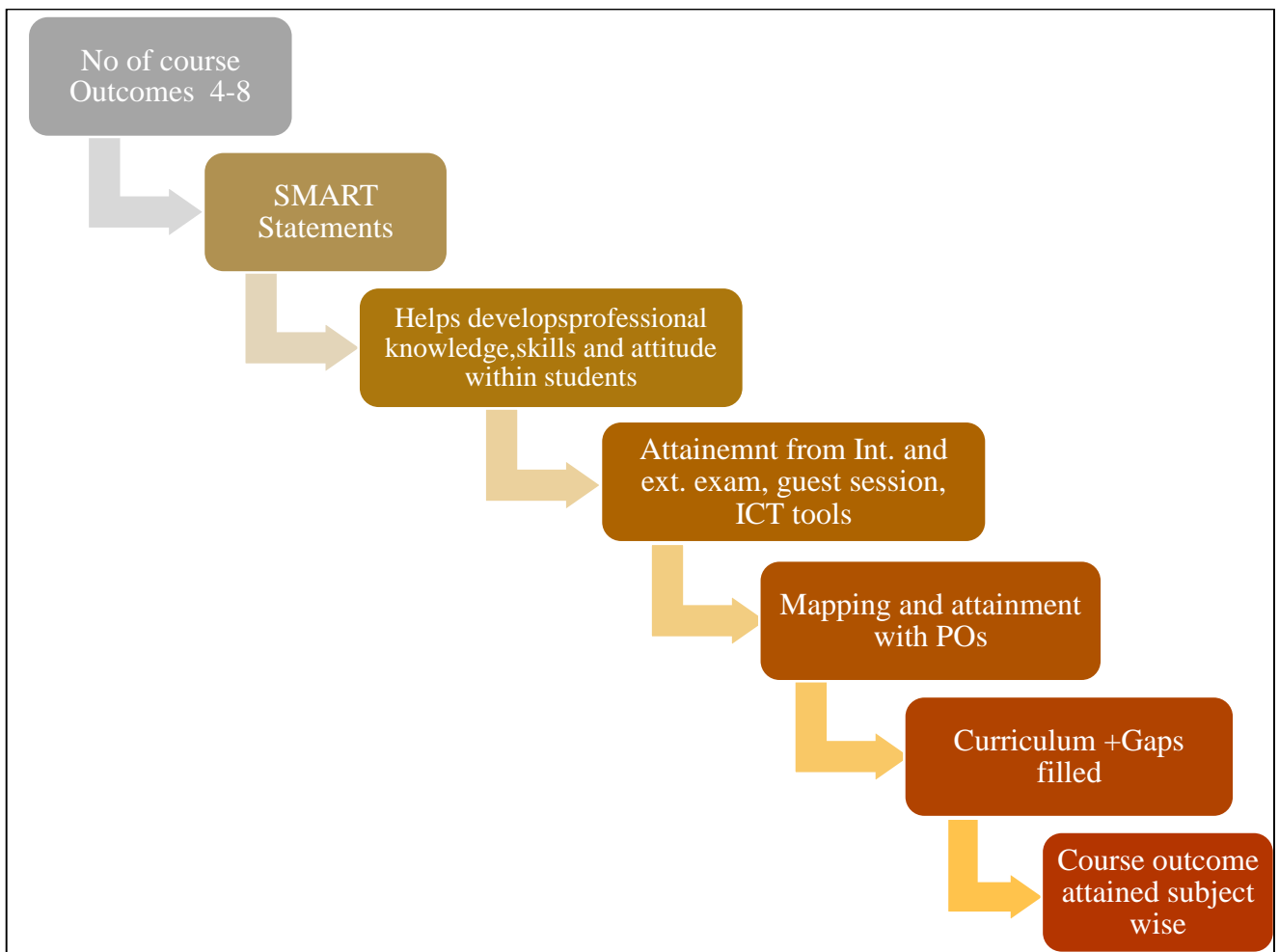
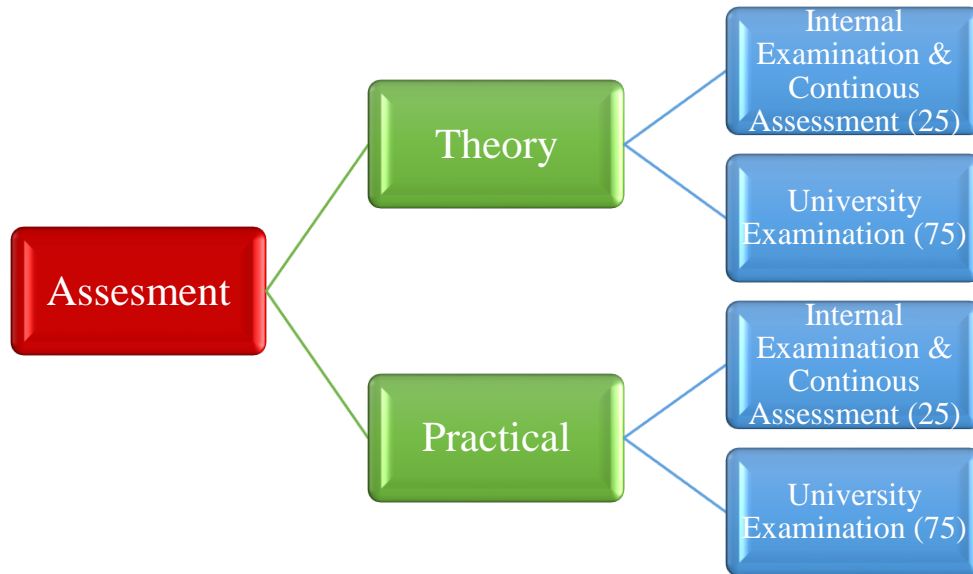
Defining of COs from TLOs and gap identified (Theory and Practical)

Defining of COs for Theory and Practical

Methods of measuring the course outcomes:

- The course outcomes are assessed by the performance of students in the internal exams, continuous assessment and external exam. The internal exams are divided into 2 continuous assessments and two sessional examinations for theory as well as practical.
- Internal exam and continuous assessment are planned in such a way that they cover all the course outcomes. Question paper format for internal examination is decided by the IQAC headed by the Principal.
- Since the question wise result of students from the university semester examination are not available, so we have set pass percentage (50%) for theory and practical as the target level.
- The level of attainment for COs for both internal and University examination is set for B. Pharm/ M. Pharm course on the scale of 0 to 3 based on marks scored by students.
 - 1) If 60% of students have obtained marks above target, then the level is considered as low level 1.
 - 2) If 70% of students have obtained marks above target, then the level is considered as medium level 2.
 - 3) If 80% of students have obtained marks above target, then the level is considered as high level 3.
- The attainment of COs, shall be done by the respective subject teacher. The questions asked in the internal exam and continuous assessments shall be mapped with COs and POs.
- The subject teacher shall map the marks got by students based on the scale of 0 to 3 for each internal exam, continuous assessments and external examination.

- The final course outcome attainment shall be calculated by correlation between attainment achieved through internal exam and continuous assessments (25% weightage) and attainment through External examination (75% weightage).



Methods of measuring the course outcomes

b. Program Outcomes:

Program outcomes are prescribed by NBA and are listed below;

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: Pharmacist and society

PO10: Environment and sustainability

PO11: Environment and sustainability

Methods of measuring the Program outcomes

All Programme outcomes are evaluated by Direct (80% Weightage) and indirect (20% weightage) tools, as per details tabulated below;

Direct Attainment Tools:

The various direct assessment tools for assessing the POs attainment are as follows:

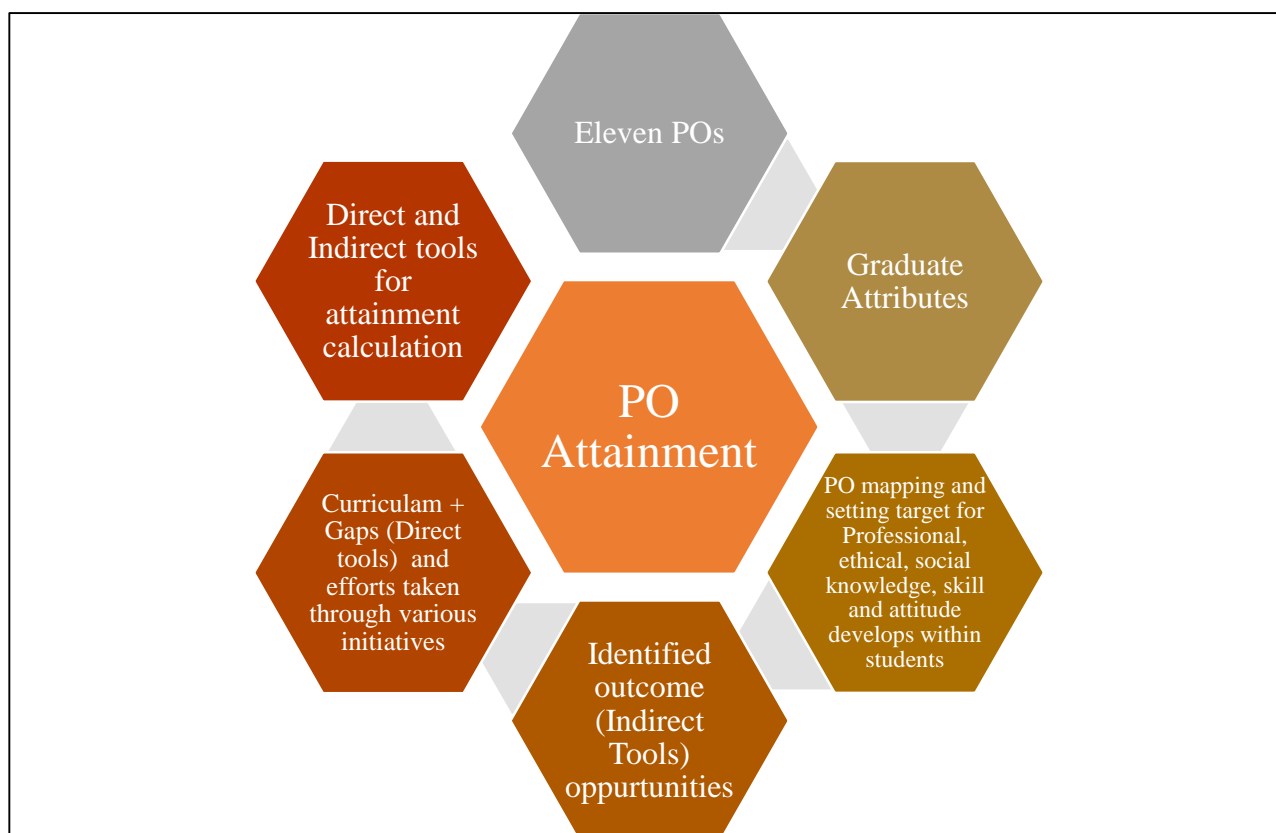
Assessing Tool	Method Used		Frequency	Program Outcome
Continuous assessment	-MCQ -Open Book Test -Seminar -Term paper -Chart preparation - Case Study		For 2018 and 2019 pattern Two per semester per course	All POs
Internal Examination			Two per semester per Course at the College level.	All POs
Theory	Based on weightage and fix format given by university, Short and long questions are asked			
Practical	Daily evaluation	Planning, analysis of lab skill, Pharmacy Knowledge, modern tool usage, lifelong learning		
	Practical Examination	Synopsis, Viva-voce, Major and minor experiment		
	Journal	Communication, data Interpretation		
University Examination			One per semester per Course at the University level.	All POs
Theory	Based on weightage and fix format given by university, Short and long questions are asked			

Practical	Synopsis, Viva-voce, Major and minor experiment, Communication, data Interpretation		
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Indirect Attainment Tools:

The various indirect assessment tools for assessing the students and the PO attained are as follows:

Assessing Tool	Purpose	Frequency	Program Outcome
Graduate Exit Survey	To assess the contribution of the Program in the overall development of the graduates	After graduation of students	All POs
Alumni Survey	To assess the effectiveness of Program for the career development of the graduates	Every year during Alumni Meet and when visiting to college	All POs
Employer Survey	To assess an ability of employee to convert and relate the knowledge acquired to actual employment	Once every year	All POs
Parents Feedback	To assess the quality of academics and infrastructure	when visiting to college	All POs



Methods of measuring the Programme outcomes



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Evaluation of CO attainment of B. Pharm and M. Pharm (2023-24)

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Course Outcome Attainment (2023-24)

B. Pharmacy

Name of subject		Set target	CO1	CO2	CO3	CO4	CO5	CO6	Average		Co attainment
BP101T Human Anatomy and Physiology I	Internal& CA	50	3.00	1.00	2.00	2.00	1.00	-	1.80	0.45	2.70
	University	50	3.00						3.00	2.25	
BP102T Pharmaceutical Analysis I	Internal& CA	50	2.00	2.00	2.00	1.00	1.00	-	1.60	0.40	1.90
	University	50	2.00						2.00	1.50	
BP103T Pharmaceutics I	Internal& CA	50	3.00	3.00	3.00	2.00	3.00	2.00	2.67	0.67	2.17
	University	50	2.00						2.00	1.50	
BP104T Pharmaceutical Inorganic Chemistry	Internal& CA	50	2.00	3.00	2.00	2.00	2.00	-	2.20	0.55	2.05
	University	50	2.00						2.00	1.50	
BP105T Communication skills	Internal& CA	50	3.00	3.00	3.00	3.00	3.00	3.00	3.00	0.75	3.00
	University	50	3.00						3.00	2.25	
BP107P Human Anatomy and Physiology I	Internal& CA	50	2.00	2.00	3.00	1.00	2.00	-	2.00	0.50	2.75
	University	50	3.00						3.00	2.25	
BP108P Pharmaceutical Analysis I	Internal& CA	50	3.00	2.00	3.00	2.00	2.00	-	2.40	0.60	2.85
	University	50	3.00						3.00	2.25	
BP109P Pharmaceutics I	Internal& CA	50	3.00	3.00	2.00	3.00	3.00	3.00	2.83	0.71	2.96
	University	50	3.00						3.00	2.25	
BP110P Pharmaceutical Inorganic Chemistry	Internal& CA	50	2.00	2.00	3.00	2.00	2.00	-	2.20	0.55	2.80
	University	50	3.00						3.00	2.25	
BP111P Communication skills	Internal& CA	50	3.00	3.00	2.00	3.00	3.00	3.00	2.83	0.71	2.96
	University	50	3.00						3.00	2.25	
BP201T Human Anatomy and Physiology II	Internal& CA	50	2.00	2.00	3.00	1.00	2.00	-	2.00	0.50	2.00
	University	50	2.00						2.00	1.50	
BP202T Pharmaceutical Organic Chemistry I	Internal& CA	50	2.00	3.00	2.00	2.00	1.00	-	2.00	0.50	2.00
	University	50	2.00						2.00	1.50	
BP203T Biochemistry	Internal& CA	50	2.00	1.00	2.00	1.00	1.00	-	1.40	0.35	1.85
	University	50	2.00						2.00	1.50	
BP204T Pathophysiology	Internal& CA	50	3.00	2.00	3.00	2.00	2.00	-	2.40	0.60	2.85
	University	50	3.00						3.00	2.25	
BP205T Computer Applications in Pharmacy	Internal& CA	50	3.00	3.00	3.00	3.00	3.00	3.00	3.00	0.75	3.00
	University	50	3.00						3.00	2.25	

BP206T Environmental sciences	Internal& CA	50	2.50	2.50	1.67	2.50	1.67	–	2.17	0.54	2.79
	University	50	3.00						3.00	2.25	
BP207P Human Anatomy and Physiology II	Internal& CA	50	3.00	3.00	2.00	3.00	3.00	2.00	2.67	0.67	2.92
	University	50	3.00						3.00	2.25	
BP208P Pharmaceutical Organic Chemistry I	Internal& CA	50	2.00	3.00	1.00	2.00	3.00	–	2.20	0.55	2.80
	University	50	3.00						3.00	2.25	
BP209P Biochemistry	Internal& CA	50	3.00	1.00	2.00	1.00	2.00	–	1.80	0.45	2.70
	University	50	3.00						3.00	2.25	
BP210P Computer Applications in Pharmacy	Internal& CA	50	2.00	3.00	2.00	2.00	3.00	2.00	2.33	0.58	2.83
	University	50	3.00						3.00	2.25	
BP301T Pharmaceutical Organic Chemistry II	Internal& CA	55	3.00	3.00	3.00	3.00	3.00	–	3.00	0.75	2.25
	University	55	2.00						2.00	1.50	
BP302T Physical Pharmaceutics I	Internal& CA	55	3.00	3.00	2.00	2.00	1.00	3.00	2.33	0.58	2.08
	University	55	2.00						2.00	1.50	
BP303T Pharmaceutical Microbiology	Internal& CA	55	2.00	2.00	2.00	1.00	2.00	–	1.80	0.45	2.70
	University	55	3.00						3.00	2.25	
BP304T Pharmaceutical Engineering	Internal& CA	55	3.00	3.00	2.00	3.00	3.00	3.00	2.83	0.71	2.96
	University	55	3.00						3.00	2.25	
BP305P Pharmaceutical Organic Chemistry II	Internal& CA	55	3.00	3.00	3.00	3.00	3.00	–	3.00	0.75	3.00
	University	55	3.00						3.00	2.25	
BP306P Physical Pharmaceutics I	Internal& CA	55	3.00	2.00	2.00	3.00	2.00	2.00	2.33	0.58	2.83
	University	55	3.00						3.00	2.25	
BP307P Pharmaceutical Microbiology	Internal& CA	55	3.00	3.00	2.00	3.00	2.00	3.00	2.67	0.67	2.92
	University	55	3.00						3.00	2.25	
BP308P Pharmaceutical Engineering	Internal& CA	55	3.00	3.00	2.00	3.00	3.00	3.00	2.83	0.71	2.96
	University	55	3.00						3.00	2.25	
BP401T Pharmaceutical Organic Chemistry III	Internal& CA	55	3.00	2.00	2.00	1.00	2.00	–	2.00	0.50	1.25
	University	55	1.00						1.00	0.75	
BP402T Medicinal Chemistry I	Internal& CA	55	3.00	2.00	2.00	2.00	2.00	–	2.20	0.55	0.55
	University	55	0.00						0.00	0.00	
BP403T Physical Pharmaceutics II	Internal& CA	55	3.00	2.00	3.00	2.00	2.00	2.00	2.33	0.58	2.83
	University	55	3.00						3.00	2.25	
BP404T Pharmacology I	Internal& CA	55	3.00	2.00	2.00	3.00	3.00	2.00	2.50	0.63	2.88
	University	55	3.00						3.00	2.25	
BP405T Pharmacognosy and Phytochemistry I	Internal& CA	55	2.00	2.00	2.00	1.00	2.00	1.00	1.67	0.42	1.17
	University	55	1.00						1.00	0.75	

BP406P Medicinal Chemistry I	Internal& CA	55	3.00	3.00	3.00	3.00	2.00	–	2.80	0.70	2.95
	University	55	3.00						3.00	2.25	
BP407P Physical Pharmaceutics II	Internal& CA	55	2.00	2.00	3.00	2.00	2.00	2.00	2.17	0.54	2.79
	University	55	3.00						3.00	2.25	
BP408P Pharmacology I	Internal& CA	55	2.00	2.00	2.00	1.00	2.00	2.00	1.83	0.46	2.71
	University	55	3.00						3.00	2.25	
BP409P Pharmacognosy and Phytochemistry I	Internal& CA	55	2.00	2.00	2.00	1.00	2.00	1.00	1.67	0.42	2.67
	University	55	3.00						3.00	2.25	
BP501T Medicinal Chemistry II	Internal& CA	60	2.00	2.00	3.00	1.00	2.00	–	2.00	0.50	0.50
	University	60	0.00						0.00	0.00	
BP502T Industrial Pharmacy-I	Internal& CA	60	3.00	3.00	2.00	2.00	2.00	3.00	2.50	0.63	0.63
	University	60	0.00						0.00	0.00	
BP503T Pharmacology II	Internal& CA	60	2.00	3.00	3.00	2.00	2.00	1.00	2.17	0.54	0.54
	University	60	0.00						0.00	0.00	
BP504T Pharmacognosy and Phytochemistry II	Internal& CA	60	2.00	2.50	2.00	2.00	2.00	1.00	1.92	0.48	0.48
	University	60	0.00						0.00	0.00	
BP505T Pharmaceutical Jurisprudence	Internal& CA	60	3.00	3.00	2.00	3.00	2.00	3.00	2.67	0.67	0.67
	University	60	0.00						0.00	0.00	
BP506P Industrial Pharmacy-I	Internal& CA	60	3.00	2.00	2.00	2.00	1.00	3.00	2.17	0.54	2.79
	University	60	3.00						3.00	2.25	
BP507P Pharmacology II	Internal& CA	60	2.00	3.00	2.00	3.00	1.00	1.00	2.00	0.50	2.75
	University	60	3.00						3.00	2.25	
BP508P Pharmacognosy and Phytochemistry II	Internal& CA	60	2.00	1.00	2.00	1.00	3.00	1.00	1.67	0.42	2.67
	University	60	3.00						3.00	2.25	
BP601T Medicinal Chemistry III	Internal& CA	60	3.00	3.00	3.00	1.00	3.00	2.00	2.50	0.63	0.63
	University	60	0.00						0.00	0.00	
BP602T Pharmacology III	Internal& CA	60	2.00	2.00	2.00	2.00	1.00	1.00	1.67	0.42	0.42
	University	60	0.00						0.00	0.00	
BP603T Herbal Drug Technology	Internal& CA	60	2.00	2.50	2.00	2.50	3.00	3.00	2.50	0.63	0.63
	University	60	0.00						0.00	0.00	
BP604T Biopharmaceutics and Pharmacokinetics	Internal& CA	60	3.00	3.00	2.00	3.00	3.00	–	2.80	0.70	0.70
	University	60	0.00						0.00	0.00	
BP605T Pharmaceutical Biotechnology	Internal& CA	60	2.00	2.00	1.00	2.00	1.00	–	1.60	0.40	1.90
	University	60	2.00						2.00	1.50	
BP606T Quality Assurance	Internal& CA	60	1.00	1.00	2.00	1.00	1.00	–	1.20	0.30	1.05
	University	60	1.00						1.00	0.75	

BP607P Medicinal Chemistry III	Internal& CA	60	1.00	3.00	3.00	3.00	3.00	3.00	2.67	0.67	2.92
	University	60	3.00						3.00	2.25	
BP608P Pharmacology III	Internal& CA	60	2.00	2.00	3.00	2.00	2.00	1.00	2.00	0.50	2.75
	University	60	3.00						3.00	2.25	
BP609P Herbal Drug Technology	Internal& CA	60	2.00	3.00	3.00	3.00	2.00	2.00	2.50	0.63	2.88
	University	60	3.00						3.00	2.25	
BP701T Instrumental Methods of Analysis	Internal& CA	60	2.00	1.00	2.00	3.00	3.00	2.00	2.17	0.54	2.79
	University	60	3.00						3.00	2.25	
BP702T Industrial Pharmacy II	Internal& CA	60	2.00	1.00	2.00	1.00	3.00	-	1.80	0.45	1.20
	University	60	1.00						1.00	0.75	
BP703T Pharmacy Practice	Internal& CA	60	3.00	2.00	2.00	2.00	2.00	3.00	2.33	0.58	0.58
	University	60	0.00						0.00	0.00	
BP704T Novel Drug Delivery System	Internal& CA	60	3.00	3.00	2.00	3.00	2.00	-	2.60	0.65	2.90
	University	60	3.00						3.00	2.25	
BP705P Instrumental Methods of Analysis	Internal& CA	60	2.00	1.00	2.00	3.00	2.00	2.00	2.00	0.50	2.75
	University	60	3.00						3.00	2.25	
BP706PS Practice School	Internal& CA	60	3.00	3.00	3.00	3.00	3.00	3.00	3.00	0.75	3.00
	University	60	3.00						3.00	2.25	
BP801T Biostatistics and Research Methodology	Internal& CA	60	2.00	2.00	2.00	2.00	1.00	1.00	1.67	0.42	2.67
	University	60	3.00						3.00	2.25	
BP802T Social and Preventive Pharmacy	Internal& CA	60	2.00	2.00	1.00	2.50	2.50	2.00	2.00	0.50	2.75
	University	60	3.00						3.00	2.25	
BP803ET Pharma. Marketing Management	Internal& CA	60	3.00	3.00	3.00	3.00	3.00	3.00	3.00	0.75	3.00
	University	60	3.00						3.00	2.25	
BP804ET Regulatory Affairs	Internal& CA	60	3.00	1.33	1.33	3.00	3.00	3.00	2.44	0.61	0.61
	University	60	0.00						0.00	0.00	
BP809ET Cosmetic Science	Internal& CA	60	2.00	2.00	2.00	2.00	2.00	1.33	1.89	0.47	2.72
	University	60	3.00						3.00	2.25	
BP812ET Dietary Supplements & Nutraceuticals	Internal& CA	60	1.50	1.50	1.50	1.50	1.50	1.50	1.50	0.38	2.63
	University	60	3.00						3.00	2.25	

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Course Outcome Attainment (2023-24)

M. Pharmacy

Name of subject		Set target	CO1	CO2	CO3	CO4	CO5	CO6	Average		Co attainment
MPAT101T Modern Pharmaceutical Analytical Techniques	Internal& CA	60	2	3	2	3	3	-	2.60	0.65	1.40
	University	60	1.00						1.00	0.75	
MPH102T Drug Delivery System	Internal& CA	60	2	2	3	2	2	2	2.17	0.54	2.04
	University	60	2.00						2.00	1.50	
MPH103T Modern Pharmaceutics	Internal& CA	60	3	2	3	3	2	2	2.50	0.63	2.88
	University	60	3.00						3.00	2.25	
MPH104T Regulatory Affair	Internal& CA	60	3	3	3	3	-	-	3.00	0.75	3.00
	University	60	3.00						3.00	2.25	
MPH105P Pharmaceutics Practical I	Internal& CA	60	3	3	3	3	3	2	2.83	0.71	2.96
	University	60	3.00						3.00	2.25	
MPH201T Molecular Pharmaceutics (Nano Tech and Targeted DDS)	Internal& CA	60	2	2.5	2	2	2	1	1.92	0.48	0.48
	University	60	0.00						0.00	0.00	
MPH202T Advanced Biopharmaceutics & Pharmacokinetics	Internal& CA	60	3	3	3	3	3	-	3.00	0.75	1.50
	University	60	1.00						1.00	0.75	
MPH203T Computer Aided Drug Development	Internal& CA	60	2	2	2	3	2	2	2.17	0.54	0.54
	University	60	0.00						0.00	0.00	
MPH204T Cosmetic & Cosmeceuticals	Internal& CA	60	3	3	3	3	2	-	2.80	0.70	1.45
	University	60	1.00						1.00	0.75	
MPH205P Pharmaceutics Practical II	Internal& CA	60	2	2	3	2	2	2	2.17	0.54	2.79
	University	60	3.00						3.00	2.25	
MPAT101T Modern Pharmaceutical Analytical Techniques	Internal& CA	60	2	3	2	3	3	-	2.60	0.65	2.90
	University	60	3.00						3.00	2.25	
MQA102T Quality Management system	Internal& CA	60	3	2	1	3	2	2.5	2.25	0.56	2.81
	University	60	3.00						3.00	2.25	
MQA103T Quality Control and Quality Assurance	Internal& CA	60	3	2	3	3	3	-	2.80	0.70	2.95
	University	60	3.00						3.00	2.25	
MQA104T Product Development and	Internal& CA	60	2	2.5	2	2.5	3	3	2.50	0.63	2.88
	University	60	3.00						3.00	2.25	

Technology Transfer											
MQA105P Pharmaceutical Quality Assurance Practical-I	Internal& CA	60	3	3	2	3	-	-	2.75	0.69	2.94
	University	60	3.00						3.00	2.25	
MQA201T Hazards and Safety Management	Internal& CA	60	2.5	2.5	2.5	3	2	1	2.25	0.56	2.81
	University	60	3.00						3.00	2.25	
MQA202T Pharmaceutical Validation	Internal& CA	60	3	3	3	3	3	2	2.83	0.71	0.71
	University	60	0.00						0.00	0.00	
MQA203T Audits and Regulatory Compliance	Internal& CA	60	3	2	2.5	2	3	2	2.42	0.60	1.35
	University	60	1.00						1.00	0.75	
MQA204T Pharmaceutical Manufacturing Technology	Internal& CA	60	2	2	3	2	2	2	2.17	0.54	2.79
	University	60	3.00						3.00	2.25	
MQA205P Pharmaceutical Quality Assurance Practical II	Internal& CA	60	3	3	3	2	-	-	2.75	0.69	2.94
	University	60	3.00						3.00	2.25	
MPAT101T Modern Pharmaceutical Analytical Techniques	Internal& CA	60	2	3	2	3	3	-	2.60	0.65	2.15
	University	60	2.00						2.00	1.50	
MPC102T Advanced Organic Chemistry – I	Internal& CA	60	3	2	2	2	3	2	2.33	0.58	0.58
	University	60	0.00						0.00	0.00	
MPC103T Advanced Medicinal Chemistry	Internal& CA	60	3	2.5	3	3	2	3	2.75	0.69	2.94
	University	60	3.00						3.00	2.25	
MPC104T Chemistry of Natural Products	Internal& CA	60	2	2	3	2	2	2	2.17	0.54	2.79
	University	60	3.00						3.00	2.25	
MPC105P Pharmaceutical Chemistry Practical I	Internal& CA	60	3	2	3	2.5	3	3	2.75	0.69	2.94
	University	60	3.00						3.00	2.25	
MPC201T Advanced Spectral Analysis	Internal& CA	60	3	3	2	2	2.5	3	2.58	0.65	0.65
	University	60	0.00						0.00	0.00	
MPC202T Advanced Organic Chemistry –II	Internal& CA	60	3	3	2	2	2	3	2.50	0.63	2.88
	University	60	3.00						3.00	2.25	
MPC203T Computer Aided Drug Design	Internal& CA	60	3	2	2	3	3	2	2.50	0.63	0.63
	University	60	0.00						0.00	0.00	
MPC204T Pharmaceutical Process Chemistry	Internal& CA	60	2	2	2.7	2.5	3	3	2.53	0.63	0.63
	University	60	0.00						0.00	0.00	
MPC205P Pharmaceutical Chemistry Practical II	Internal& CA	60	3	2	3	3	3	3	2.83	0.71	2.96
	University	60	3.00						3.00	2.25	

MPAT101T Modern Pharmaceutical Analytical Techniques	Internal& CA	60	2	3	2	3	3	-	2.60	0.65	2.15
	University	60	2.00						2.00	1.50	
MPL102T Advanced Pharmacology - I	Internal& CA	60	3	2	3	2	2	-	2.40	0.60	2.10
	University	60	2.00						2.00	1.50	
MPL 103T Pharmacological and Toxicological Screening Methods-I	Internal& CA	60	3	2	3	2	2	2	2.33	0.58	2.83
	University	60	3.00						3.00	2.25	
MPL104T Cellular and Molecular Pharmacology	Internal& CA	60	2	3	3	2	2	2	2.33	0.58	2.83
	University	60	3.00						3.00	2.25	
MPL105P Pharmacology Practical I	Internal& CA	60	3	3	2	2	2	2	2.33	0.58	2.83
	University	60	3.00						3.00	2.25	
MPL201T Advanced Pharmacology II	Internal& CA	60	3	3	3	3	3	3	3.00	0.75	1.50
	University	60	1.00						1.00	0.75	
MPL 202T Pharmacological and Toxicological Screening Methods-II	Internal& CA	60	3	2	3	2	2	2	2.33	0.58	2.08
	University	60	2.00						2.00	1.50	
MPL203T Principles of Drug Discovery	Internal& CA	60	3	3	2	2	2	2	2.33	0.58	2.08
	University	60	2.00						2.00	1.50	
MPL204T Clinical Research and Pharmacovigilance	Internal& CA	60	2	2	3	2	2	2	2.17	0.54	2.79
	University	60	3.00						3.00	2.25	
MPL205P Pharmacology Practical II	Internal& CA	60	3	3	2	2	2	1	2.17	0.54	2.79
	University	60	3.00						3.00	2.25	

Total Course Outcome

Sr. No.	Course	Attainment (Average)
1.	B. Pharm	2.21
2.	M. Pharm	2.18
	Total Attainment	2.20

Dr. D. Y. Patil Pratishthan's

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President

Padmashree Dr. D. Y. Patil
Founder

Shri. Satej D. Patil
Vce-President & Chairman

Dr. N. S. Vyawahare
Principal

Ref. No. : DYPCOP/
Date :

**Sample copy of CO
attainment
calculations**

**Dr. D. Y. Patil Pratishthan's
Dr. D. Y. Patil College of Pharmacy,
Akurdi, Pune-411044**

Pharmacology-I

Roll No.	Name of Student	PHARMACOLOGY-I			
		BP404T		BP408P	
		Theory		Practical	
		Internal (25)	External (75)	Internal (15)	External (35)
1	Aditi Bharat Bhor	22	70	12	38
2	Aditya Sagar More	7	7	Ab	Ab
3	Aman Singh Patel	15	43	11	33
4	Aman Suresh Yadav	17	62	11	38
5	Anish Appasaheb Gurav	18	58	10	35
6	Ankita Rajendra Abhang	21	70	11	34
7	Ansh Ajit Dalvi	17	55	10	31
8	Anuj Vinay Dubey	11	50	8	31
9	Anushka Santosh Khedekar	21	64	10	38
10	Arpit Rajesh Gupta	17	54	10	34
11	Arpita Prashant Lad	21	67	12	40
12	Arpita Ravindra Bhuyar	23	71	10	36
13	Ashutosh Baswant Ramshetty	15	50	12	37
14	Atharva Sunil Sonar	18	66	10	35
15	Atharva Viraj Bhoite	19	65	10	34
16	Ayush Vijay Awari	13	13	8	30
17	Darshan Suresh Narayane	22	78	11	37
18	Digambar Mahadev Wagh	21	72	10	39
19	Harsha Prakash Jagtap	19	65	11	35
20	Harshada Sunil Patil	23	77	11	37
21	Harshda Balasaheb Bedare	22	71	8	31
22	Hemakshi Bhushan Tamhankar	22	73	12	39
23	Ishi Kumari	20	67	11	36
24	Kamini Pandharinath Chaudhari	17	63	10	38
25	Kamlesh Mangilal Choudhary	19	54	10	32
26	Khushi Amishkumar Patel	22	74	12	41
27	Kritisha Nayan Kamli	19	69	10	40
28	Lalit Ulhas Nimekar	20	68	12	40
29	Maharshi Yogesh Ahirrao	19	55	10	32
30	Mahesh Sanjay Janole	20	63	10	37
31	Mansi Satish Matkar	22	80	11	37
32	Meghna Pralhad More	22	70	12	38
33	Mohammadsaad Ashpak Shaikh	19	70	11	36
34	Naval Shridhar Wadnal	15	61	11	36
35	Nihar Sanjay Gaikwad	22	64	10	35
36	Nikita Santosh Jadhav	22	73	12	40
37	Numa Rafiq Pathan	18	62	10	37

38	Omkar Ashokrao Jadhav	13	62	12	39
39	Pooja Kishor Satale	16	60	12	36
40	Prachi Sachin Kale	19	64	12	38
41	Pragati Balkrishna Mane	22	76	12	40
42	Pragati Mahendra Sapkal	17	66	11	36
43	Prajakta Ramesh Suryawanshi	15	41	11	34
44	Prajakta Sakharam Kashid	21	65	12	40
45	Prajwal Chandrashekhar Pandhare	22	72	10	36
46	Pranjal Prakash Lohakare	22	67	8	34
47	Prathamesh Prabhakar Barkul	22	71	11	34
48	Prathamesh Ravi Nalat	20	71	11	36
49	Prathamesh Sambhaji Kalkhambkar	19	61	11	36
50	Prathamesh Santosh Divekar	20	64	11	37
51	Pratik Amrut Sonawane	17	57	11	33
52	Pratik Ankush Bhoir	19	59	12	34
53	Pratiksha Rajendra Kadane	22	77	12	37
54	Prerna shreaya	22	74	12	38
55	Priyal Sanjay Moghe	22	74	11	37
56	Priyanshu Suhas Shinde	20	79	13	38
57	Pushkar Kalulal Ahir	18	66	11	31
58	Ritesh Pandit Khatal	11	35	9	32
59	Rohan Vishwas Suryawanshi	22	74	8	30
60	Rushikesh Namdeo Chaudhari	18	58	12	35
61	Jadhav Rushikesh	18	55	12	39
62	Rutuja Suresh Sable	21	72	10	49
63	Sadiya Khatoon Mubarak Husain Chaudhary	17	57	11	39
64	Sahil Vinayak Chalke	21	65	11	33
65	Sahil Yogesh Hire	16	57	11	34
66	Sakshi Antaram Puram	19	59	12	34
67	Sakshi Bhausheb Shinde	19	64	12	38
68	Sakshi Dattatray Pol	20	63	13	40
69	Sakshi Hanamant Mandekar	20	68	12	40
70	Sakshi Santosh Jabade	21	73	12	38
71	Samarth Santaram Chavan	21	70	13	42
72	Samiksha Anand Yadav	19	67	12	35
73	Samrudhi Ganesh Andre	21	80	13	41
74	Sanchita Arun Morey	18	68	12	38
75	Sandhyarani Vinayak Chavan	19	63	11	36
76	Sanjana Amit Patil	18	66	12	40
77	Sanskruiti Balaji Bairagi	21	75	12	37
78	Sanskruiti Vaibhav Barge	20	69	12	38
79	Sayali Suresh Deore	18	67	11	37
80	Sejal Tanaji Bhase	18	64	12	39
81	Shashank Ambadas Salunke	20	68	12	39
82	Shashank Prashant Gujar	18	64	12	38
83	Shivam Sheshrao Chavan	20	70	12	38

84	Shivkumar Patil	14	60	8	30
85	Shreya Girish Golvilkar	19	75	11	33
86	Shrikrushna Rajendra Pawar	Ab	Ab	Ab	Ab
87	Shruti Sandip Umbarkar	21	76	12	40
88	Shruti Satish Chame	21	68	12	39
89	Shubham Gopinath Kaitake	21	77	11	37
90	Shubham Sachidanand Shintre	19	74	11	37
91	Siddhesh Sunil Pawar	14	14	8	29
92	Snehal Dattatraya Barve	21	68	12	40
93	Swanandi Hansraj Chighlikar	18	59	11	37
94	Swaraj Sambhaji Barne	17	58	10	34
95	Swarup Jayprakash Dhore	16	57	11	43
96	Tejal Rajmal Kothari	13	23	10	35
97	Tushar Ravindra Gaud	16	58	12	37
98	Unnati Sharad Kakade	8	41	13	38
99	Vaibhav Sampat Mandge	18	65	12	40
100	Vaishnavi Ashok Ghuge	20	67	12	39
101	Vaishnavi Bhanudas Pingle	14	50	12	34
102	Vedant Machhindra Shelar	17	55	11	35
103	Vedant Shantaram Shinde	16	50	12	34
104	Yash Mangalsingh Watpal	15	58	11	31
105	Yashad Suresh Chavan	20	65	13	40
106	Yashodeep Ramkrushna Gore	19	64	12	37
107	Prashant Satish Kardile	20	68	13	39
108	Pravin Santosh Puri	20	70	10	37
109	Komal Rejendra Gawali	20	68	12	40
110	Sushma Ankush Waghmare	21	77	12	36
111	Jagruti Bapurao Mahajan	14	58	13	36
112	Pinki Sanjay Jadhav	18	69	12	38
113	Siddharth Anil Auti	20	74	12	32
114	Abhishek Raosaheb Pawar	Ab	Ab	Ab	Ab
115	Archana Dadabhau Jadhav	18	62	12	39
116	Shweta Balaso Galande	18	62	13	38
117	Sanjana Pravin Jadhav	19	60	12	36
118	Kamlesh Sadashiv Deore	21	69	12	42
119	Chaitali Arun Gaikwad	20	68	12	40
120	Ankita Ashok Sangave	19	69	12	37
121	Srushti Uday Bansode	19	69	8	32
122	Kiran Lahu Shete	20	37	10	38
123	Devyani Avinash Kashikar	21	72	12	38
124	Arti Vitthal Vanjari	21	80	11	37
125	Shyam Girdhar Manza	20	75	13	40
126	Sonai Balaji Antapure	19	62	12	37
127	Sakshi Annasaheb Bhosle	18	62	12	39

Internal	115	113	120
External		113	
% Internal	92	90.4	

			90.4		96.774194
% External			80	80	80
Maximum	80		60	60	60
Minimum	60				
Target 55%				3	
Internal	3				
External		3			3

Final CO Attainment:

BP404T Pharmacology-I	Internal & CA	55	3.00	2.00	2.00	3.00	3.00	2.00	2.50	0.63	2.88
	University	55	3.00						3.00	2.25	
BP408P Pharmacology-I	Internal & CA	55	2.00	2.00	2.00	1.00	2.00	2.00	1.83	0.46	2.71
	University	55	3.00						3.00	2.25	

S.Sadar
Dr. S. S. Sadar
Subject Teacher

A.V.Kulkarni
Dr. A. V. Kulkarni
HOD

S.Chaudhari
Dr. S. P. Chaudhari
IQAC Coordinator




**Dr. D. Y. Patil Pratishthan's
Dr. D. Y. Patil College of Pharmacy,
Akurdi, Pune-411044**


Quality Management System (MQA102T)

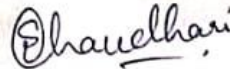
Sr. No.	Name of the Student	Quality Management System	
		(MQA102T)	
		Internal	External
1	Abhishek Achut More	21	50
2	Chaitali K Rohit	21	47
3	Jay Bhausahab Ahire	21	49
4	Kalyani Tukaram Munde	22	51
5	Kanchan Vinod Chaudhari	20	55
6	Kunal Omprakash Warwatkar	20	48
7	Mahesh Manohar Mali	15	50
8	Mayuri Vithoba Mali	18	51
9	Priyanka Dattatray Gawali	18	45
10	Sagar Santosh Gaikwad	19	46
11	Sakshi Ravindra Chaudhari	21	52
12	Shrutika mahavir Kambhale	20	52
13	Siddharth Shrikrishna Topale	18	47
14	Sunanda Olya Valvi	18	45
15	Vaishnavi Shivaji Dahake	20	50
16	Vrushali Chhotu Nere	19	44
	Internal	15	
	External		13
	% Internal	93.75	
	% External		81.25
	Maximum	80	80
	Minimum	60	60
	Target 60%		
	Internal	3	
	External		3

Final CO Attainment:

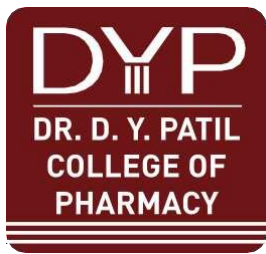
MQA102T Quality Management system	Internal & CA	60	3	2	1	3	2	2.5	2.25	0.56	2.81
	University	60	3.00						3.00	2.25	


Dr. R. S. Karodi
Subject Teacher


Dr. S. P. Mahaparale
HOD


Dr. S. P. Chaudhari
IQAC Coordinator





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Vce-President & Chairman

Dr. N. S. Vyawahare
Principal

Ref. No. : DYPCOP/
Date :

CO-PO Matrix of B. Pharm and M. Pharm (2023-24)

**Dr. D. Y. Patil Pratishthan's
Dr. D. Y. Patil College of Pharmacy,
Akurdi, Pune-411044**

CO-PO matrix of all courses of B. Pharm (2023-24)

BP101T	2.17	2.33	2.33	3.00	3.00	2.67	2.33	2.33	1.00	3.00	2.50
BP102T	2.33	2.33	2.17	2.33	2.33	2.33	2.67	2.33	2.33	2.67	2.33
BP103T	1.67	2.00	2.00	3.00	1.67	1.67	2.20	1.67	2.00	3.00	1.67
BP104T	2.33	2.33	2.33	3.00	2.60	2.33	2.33	2.33	2.33	2.33	2.33
BP105T	–	2.25	2.21	–	2.40	2.25	2.38	2.17	1.92	–	2.21
BP107P	2.17	2.33	2.33	3.00	3.00	2.67	2.33	2.33	1.00	3.00	2.50
BP108P	2.33	2.33	2.17	2.33	2.33	2.33	2.67	2.33	2.33	2.67	2.33
BP109P	1.67	2.00	2.00	3.00	1.67	1.67	2.20	1.67	2.00	3.00	1.67
BP110P	2.33	2.33	2.33	3.00	2.60	2.33	2.33	2.33	2.33	2.33	2.33
BP111P	–	2.26	2.23	–	2.43	2.26	2.38	2.19	1.99	–	2.23
BP201T	2.33	2.33	2.33	3.00	2.33	2.33	–	2.33	2.33	–	2.33
BP202T	2.17	2.27	2.23	–	2.39	2.27	–	2.20	–	2.75	2.23
BP203T	2.17	2.17	2.17	3.00	2.17	2.17	2.67	2.17	2.17	2.67	2.17
BP204T	2.33	1.00	1.00	–	–	2.33	1.00	–	2.33	2.33	2.33
BP205T	2.33	2.33	2.33	2.33	–	2.33	1.00	2.33	1.00	–	2.33
BP206T	2.27	2.06	2.05	2.78	–	2.28	1.76	2.25	1.96	–	2.27
BP207P	2.33	2.33	2.33	3.00	2.33	2.33	–	2.33	2.33	–	2.33
BP208P	2.27	2.03	2.02	–	2.30	2.29	–	2.26	–	2.58	2.28
BP209P	2.17	2.17	2.17	3.00	2.17	2.17	2.67	2.17	2.17	2.67	2.17
BP210P	2.33	2.33	2.33	2.33	–	2.33	1.00	2.33	1.00	–	2.33
BP301T	2.00	3.00	2.60	–	–	2.60	2.17	–	–	2.60	2.60
BP302T	2.17	2.17	2.17	2.17	2.17	3.00	3.00	2.17	2.17	2.40	2.17
BP303T	2.25	2.25	2.25	1.25	2.00	3.00	–	2.33	1.75	2.33	2.25
BP304T	2.50	–	2.33	3.00	3.00	2.80	2.33	–	2.50	2.50	2.50
BP305P	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	–	–	2.00
BP306P	1.83	1.83	1.83	1.83	1.83	–	–	1.83	1.83	3.00	1.83
BP307P	2.00	2.00	2.00	–	–	2.67	3.00	2.00	2.25	2.25	2.00
BP308P	2.00	2.00	2.00	2.00	2.00	2.00	–	2.00	–	2.00	2.00
BP401T	2.00	2.00	2.00	2.33	–	2.00	2.33	2.00	2.00	2.00	2.00
BP402T	2.00	2.67	2.00	2.00	–	2.67	–	–	2.00	–	2.00
BP403T	2.17	2.60	2.17	3.00	–	2.17	2.17	–	3.00	2.17	2.17
BP404T	2.00	2.00	2.50	2.33	1.67	1.50	2.00	1.67	1.83	2.00	2.33
BP405T	2.00	1.83	1.83	3.00	–	2.00	–	–	2.17	–	2.00
BP406P	2.00	2.00	2.00	2.00	2.00	3.00	2.00	2.00	–	–	2.00
BP407P	1.67	1.67	1.67	3.00	1.67	2.67	1.67	2.83	–	2.67	1.67
BP408P	2.40	2.00	2.00	2.00	2.40	2.00	2.00	2.20	2.20	2.20	2.20
BP409P	1.75	1.75	–	–	1.75	1.75	3.00	1.75	1.75	3.00	1.75
BP501T	2.00	2.00	3.00	–	–	2.00	2.00	–	2.00	2.00	2.00
BP502T	2.00	2.00	2.00	2.50	–	2.00	–	–	1.83	–	2.00
BP503T	2.00	1.67	1.67	2.00	–	–	2.00	–	2.00	–	2.00

BP504T	1.83	2.33	2.60	3.00	–	1.83	–	–	1.83	–	1.83
BP505T	2.00	2.00	2.00	–	3.00	2.75	2.00	2.00	3.00	–	2.00
BP506P	1.67	1.67	–	–	1.67	1.67	–	1.67	1.67	–	1.67
BP507P	1.83	1.83	1.83	–		1.83	3.00	1.83	3.00	3.00	1.83
BP508P	1.67	1.67	–	–	1.67	1.67	2.50	1.50	1.67	2.50	1.67
BP601T	1.83	1.83	2.50	3.00	–	–	1.83	3.00	1.83	1.83	1.83
BP602T	2.00	2.00	2.00	2.00	–	2.25	2.00	–	2.00	–	2.00
BP603T	2.00	2.00	–	–	2.00	2.00	3.00	1.67	2.00	3.00	2.00
BP604T	2.00	3.00	1.67	1.80	3.00	1.67	2.50	–	2.50	3.00	1.67
BP605T	1.67	1.67	1.67	1.67	1.67	–	–	1.67	1.67	3.00	2.40
BP606T	1.60	2.67	2.33	2.67	3.00	2.25	2.50	2.67	2.50	1.80	1.80
BP607P	2.00	2.00	2.00	2.00	2.00	–	2.00	2.40	–	–	2.00
BP608P	2.00	2.33	2.33	3.00	2.00	2.00	3.00	2.00	–	–	2.00
BP609P	1.83	1.83	2.20	–	1.83	1.83	2.00	1.83	1.83	3.00	1.83
BP701T	1.8	1.8	2.2	2.2	–	1.8	1.8	–	–	2.2	1.8
BP702T	1.67	2.4	2.33	–	3	1.67	3	–	3	3	1.67
BP703T	2.2	3	2.2	3	–	2.2	2.2	2.2	2.2	–	2.2
BP704T	1.8	2.5	1.8	–	–	1.8	3	–	1.8	–	1.8
BP705P	2.4	2.4	2.4	3	2.4	2.4	2.2	2.4	2.33	2.5	2.4
BP801T	2.4	3	2.2	2.2	–	3	–	–	2.67	–	2.4
BP802T	1.33	2.33	–	–	2.00	–	–	1.33	1.33	–	1.33
BP803ET	2.00	2.00	2.00	3.00	2.30	2.00	2.30	2.30	2.00	2.33	2.00
BP804ET	2.00	2.00	2.00	2.33	2.50	2.00	2.00	2.00	2.33	3.00	2.00
BP809ET	2.00	2.00	2.00	3.00	2.00	2.33	2.25	2.00	2.00	2.50	2.00
BP812ET	2.50	2.50	2.33	3.00		2.50	2.33		3.00	3.00	3.00
Average PO of all courses	2.04	2.15	2.13	2.54	2.24	2.21	2.26	2.11	2.07	2.57	2.08

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CO-PO matrix of all courses of M. Pharm (2023-24)

MPAT101T	2.00	-	2.00	2.00	-	2.00	3.00	-	-	2.00	2.00
MPH102T	2.50	2.50	2.50	2.50	-	2.50	2.50	-	2.50	2.50	2.50
MPH103T	3.00	2.00	2.20	2.80	2.20	2.80	3.00	2.20	1.60	1.80	2.20
MPH104T	2.00	2.00	-	2.00	-	2.00	2.00	2.00	2.00	-	2.00
MPH105P	3.00	2.80	2.80	2.50	2.20	2.20	2.00	2.40	1.80	1.25	3.00
MPH201T	3.00	2.80	3.00	2.75	2.00	2.80	2.80	2.40	2.20	2.40	2.40
MPH202T	2.20	2.00	2.20	2.00	2.00	2.20	2.20	2.00	2.20	2.00	2.20
MPH203T	2.00	2.75	2.00	2.00	3.00	2.00	2.00	2.00	2.00	3.00	2.00
MPH204T	2.00	2.00	2.00	3.00	2.00	2.33	2.25	2.00	2.00	2.50	2.00
MPH205P	3.00	2.83	2.83	2.20	2.00	2.00	2.00	2.67	1.67	1.25	3.00
MPAT101T	2.00	-	2.00	2.00	-	2.00	3.00	-	-	2.00	2.00
MQA102T	2.00	2.00	2.20	2.20	2.60	2.00	2.00	2.00	2.00	2.75	2.40
MQA103T	2.00	2.00	2.00	2.20	2.00	2.00	2.00	2.00	2.00	2.00	2.00
MQA104T	2.00	2.67	2.00	-	3.00	2.00	1.80	3.00	2.67	2.00	2.20
MQA105P	1.75	1.75	1.75	2.00	1.75	1.75	1.75	2.00	1.75	2.00	1.75
MQA201T	1.50	1.50	1.50	2.50	-	3.00	2.50	3.00	3.00	1.50	1.50
MQA202T	2.20	2.20	2.20	1.80	1.80	2.20	2.20	2.20	1.80	2.00	2.20
MQA203T	2.00	2.00	2.00	2.20	2.00	2.00	2.00	2.00	2.00	2.00	2.00
MQA204T	1.80	2.67	2	2	2.67	1.75	1.75	3.00	-	2.33	2.25
MQA205P	2.00	2.00	2.00	2.50	2.00	2.00	2.00	2.00	2.00	1.75	2.00
MPAT101T	2.00	-	2.00	2.00	-	2.00	3.00	-	-	2.00	2.00
MPC102T	1.75	1.63	1.63	-	1.63	1.63	1.63	1.63	1.63	1.63	1.63
MPC103T	1.83	1.80	2.20	2.33	-	1.83	2.33	-	1.83	3.00	1.83
MPC104T	2.17	2.17	2.33	1.83	-	2.17	3.00	-	2.17	1.67	2.17
MPC105P	2.00	2.00	2.00	2.33	2.00	2.00	3.00	2.00	2.50	3.00	2.00
MPC201T	1.60	1.60	1.60	3.00	-	1.60	2.33	1.60	2.50	2.50	1.60
MPC202T	2.00	2.13	2.13	2.40	2.13	2.13	2.13	2.13	2.13	2.33	2.13
MPC203T	2.17	2.17	2.17	2.17	-	2.17	3.00	2.17	-	-	2.17
MPC204T	1.67	1.67	1.67	2.50	-	1.67	3.00	-	3.00	1.67	1.67
MPC205P	1.83	1.83	2.67	2.67	1.83	1.83	3.00	1.83	2.50	2.67	1.83
MPAT101T	2.00	-	2.00	2.00	-	2.00	3.00	-	-	2.00	2.00
MPL102T	2.00	2.00	3.00	2.67	-	3.00	2.33	-	3.00	-	2.00
MPL 103T	1.83	2.00	1.83	1.83	-	1.83	1.83	2.00	-	1.83	1.83
MPL104T	1.71	2.17	2.20	3.00	-	2.20	3.00	-	2.20	3.00	1.71
MPL105P	2.00	2.00	2.60	2.60	2.00	3.00	2.00	2.00	2.00	-	2.00
MPL201T	2.60	2.60	2.60	3.00	-	2.60	2.60	-	2.60	-	2.60
MPL 202T	1.83	2.20	2.20	-	-	1.83	2.20	1.83	-	-	1.83
MPL203T	2.33	2.33	2.33	2.33	-	2.33	2.33	-	2.33	-	2.33
MPL204T	2.17	2.17	2.17	3.00	3.00	2.17	2.33	3.00	2.50	3.00	2.17

MPL205P	1.67	1.67	1.67	1.67	3.00	2.67	1.67	2.00	2.00	1.50	1.67
Average PO of all courses	2.08	2.13	2.16	2.35	2.22	2.15	2.36	2.18	2.19	2.15	2.07

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Dr. D. Y. Patil Pratishthan's

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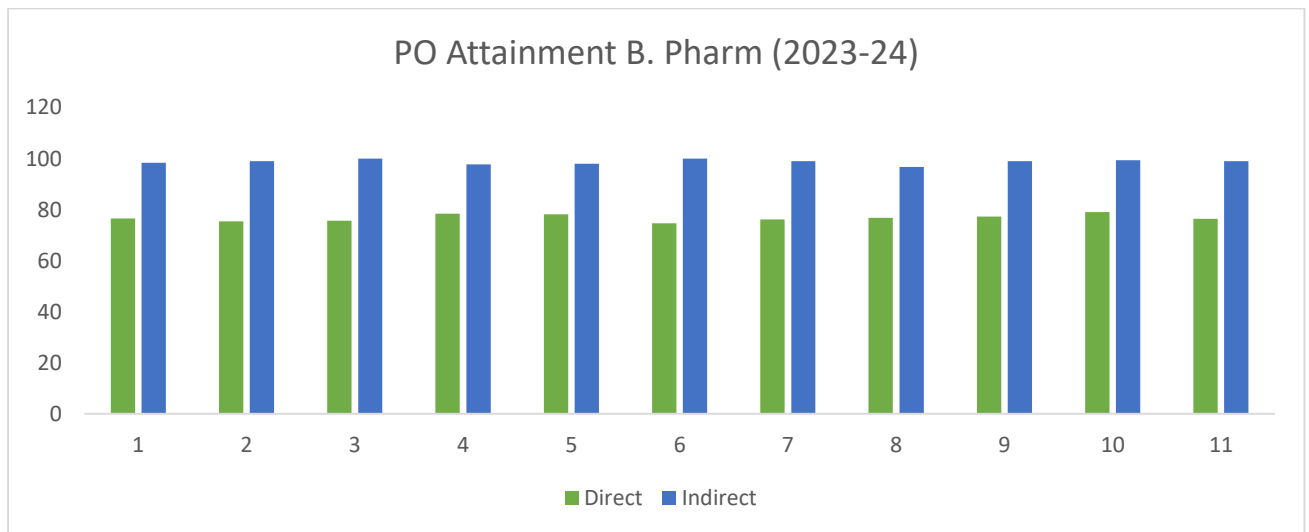
Evaluation of PO attainment of B. Pharm and M. Pharm (2023-24)

**Dr. D. Y. Patil Pratishthan's
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Evaluation of PO attainment of B. Pharm (2023-24)

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
BP101T	2.17	2.33	2.33	3.00	3.00	2.67	2.33	2.33	1.00	3.00	2.50
BP102T	2.33	2.33	2.17	2.33	2.33	2.33	2.67	2.33	2.33	2.67	2.33
BP103T	1.25	1.50	1.50	2.25	1.25	1.25	1.65	1.25	1.50	2.25	1.25
BP104T	2.33	2.33	2.33	3.00	2.60	2.33	2.33	2.33	2.33	2.33	2.33
BP105T	–	1.69	1.66	–	1.80	1.69	1.79	1.63	1.44	–	1.66
BP107P	2.17	2.33	2.33	3.00	3.00	2.67	2.33	2.33	1.00	3.00	2.50
BP108P	1.75	1.75	1.63	1.75	1.75	1.75	2.00	1.75	1.75	2.00	1.75
BP109P	1.67	2.00	2.00	3.00	1.67	1.67	2.20	1.67	2.00	3.00	1.67
BP110P	2.33	2.33	2.33	3.00	2.60	2.33	2.33	2.33	2.33	2.33	2.33
BP111P	–	2.26	2.23	–	2.43	2.26	2.38	2.19	1.99	–	2.23
BP201T	1.75	1.75	1.75	2.25	1.75	1.75	–	1.75	1.75	–	1.75
BP202T	2.17	2.27	2.23	–	2.39	2.27	–	2.20	–	2.75	2.23
BP203T	1.63	1.63	1.63	2.25	1.63	1.63	2.00	1.63	1.63	2.00	1.63
BP204T	2.33	1.00	1.00	–	–	2.33	1.00	–	2.33	2.33	2.33
BP205T	1.75	1.75	1.75	1.75	–	1.75	0.75	1.75	0.75	–	1.75
BP206T	2.27	2.06	2.05	2.78	–	2.28	1.76	2.25	1.96	–	2.27
BP207P	2.33	2.33	2.33	3.00	2.33	2.33	–	2.33	2.33	–	2.33
BP208P	2.27	2.03	2.02	–	2.30	2.29	–	2.26	–	2.58	2.28
BP209P	2.17	2.17	2.17	3.00	2.17	2.17	2.67	2.17	2.17	2.67	2.17
BP210P	2.33	2.33	2.33	2.33	–	2.33	1.00	2.33	1.00	–	2.33
BP301T	1.50	2.25	1.95	–	–	1.95	1.63	–	–	1.95	1.95
BP302T	2.17	2.17	2.17	2.17	2.17	3.00	3.00	2.17	2.17	2.40	2.17
BP303T	1.69	1.69	1.69	0.94	1.50	2.25	–	1.75	1.31	1.75	1.69
BP304T	2.50	–	2.33	3.00	3.00	2.80	2.33	–	2.50	2.50	2.50
BP305P	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	–	–	2.00
BP306P	1.83	1.83	1.83	1.83	1.83	–	–	1.83	1.83	3.00	1.83
BP307P	2.00	2.00	2.00	–	–	2.67	3.00	2.00	2.25	2.25	2.00
BP308P	2.00	2.00	2.00	2.00	2.00	2.00	–	2.00	–	2.00	2.00
BP401T	0.50	0.50	0.50	0.58	–	0.50	0.58	0.50	0.50	0.50	0.50
BP402T	0.50	0.67	0.50	0.50	–	0.67	–	–	0.50	–	0.50
BP403T	2.17	2.60	2.17	3.00	–	2.17	2.17	–	3.00	2.17	2.17
BP404T	2.00	2.00	2.50	2.33	1.67	1.50	2.00	1.67	1.83	2.00	2.33
BP405T	2.00	1.83	1.83	3.00	–	2.00	–	–	2.17	–	2.00
BP406P	2.00	2.00	2.00	2.00	2.00	3.00	2.00	2.00	–	–	2.00
BP407P	1.67	1.67	1.67	3.00	1.67	2.67	1.67	2.83	–	2.67	1.67
BP408P	1.20	1.00	1.00	1.00	1.20	1.00	1.00	1.10	1.10	1.10	1.10
BP409P	1.75	1.75	–	–	1.75	1.75	3.00	1.75	1.75	3.00	1.75
BP501T	0.17	0.17	0.25	–	–	0.17	0.17	–	0.17	0.17	0.17
BP502T	0.50	0.50	0.50	0.63	–	0.50	–	–	0.46	–	0.50
BP503T	2.00	1.67	1.67	2.00	–	0.00	2.00	–	2.00	–	2.00

BP504T	0.31	0.39	0.43	0.50	–	0.31	–	–	0.31	–	0.31
BP505T	2.00	2.00	2.00	–	3.00	2.75	2.00	2.00	3.00	–	2.00
BP506P	0.28	0.28	–	–	0.28	0.28	–	0.28	0.28	–	0.28
BP507P	1.83	1.83	1.83	–	0.00	1.83	3.00	1.83	3.00	3.00	1.83
BP508P	0.28	0.28	–	–	0.28	0.28	0.42	0.25	0.28	0.42	0.28
BP601T	0.31	0.31	0.42	0.50	–	–	0.31	0.50	0.31	0.31	0.31
BP602T	2.00	2.00	2.00	2.00	–	2.25	2.00	–	2.00	–	2.00
BP603T	0.33	0.33	–	–	0.33	0.33	0.50	0.28	0.33	0.50	0.33
BP604T	1.83	2.75	1.53	1.65	2.75	1.53	2.29	–	2.29	2.75	1.53
BP605T	0.28	0.28	0.28	0.28	0.28	–	–	0.28	0.28	0.50	0.40
BP606T	1.60	2.67	2.33	2.67	3.00	2.25	2.50	2.67	2.50	1.80	1.80
BP607P	0.50	0.50	0.50	0.50	0.50	–	0.50	0.60	–	–	0.50
BP608P	1.50	1.75	1.75	2.25	1.50	1.50	2.25	1.50	–	–	1.50
BP609P	0.92	0.92	1.10	–	0.92	0.92	1.00	0.92	0.92	1.50	0.92
BP701T	1.80	1.80	1.87	2.20	–	1.42	1.43	–	–	2.20	1.80
BP702T	1.67	2.40	1.98	–	3.00	1.34	2.40	–	3.00	3.00	1.67
BP703T	1.10	1.50	0.99	1.50	–	0.69	0.65	1.10	1.10	–	1.10
BP704T	0.30	0.42	0.30	–	–	0.06	0.08	–	0.30	–	0.30
BP705P	2.20	2.20	1.84	2.75	2.20	1.88	1.72	2.20	2.14	2.29	2.20
BP801T	1.20	1.50	0.99	1.10	–	0.94	–	–	1.33	–	1.20
BP802T	1.00	1.75	–	–	1.50	–	–	1.00	1.00	–	1.00
BP803ET	2.00	2.00	1.70	3.00	2.30	1.58	2.30	2.30	2.00	2.33	2.00
BP804ET	2.00	2.00	1.70	2.33	2.50	1.58	2.00	2.00	2.33	3.00	2.00
BP809ET	2.00	2.00	1.70	3.00	2.00	1.85	2.25	2.00	2.00	2.50	2.00
BP812ET	2.50	2.50	1.98	3.00	0.00	2.01	2.33	0.00	2.55	3.00	3.00
Avg	1.56	1.62	1.61	1.99	1.75	1.65	1.72	1.62	1.60	2.03	1.59
80% of Direct attainment	1.25	1.29	1.29	1.59	1.40	1.32	1.38	1.30	1.28	1.63	1.27
20% of indirect attainment	0.59	0.59	0.60	0.59	0.59	0.60	0.59	0.58	0.59	0.60	0.59
Total Attainment	1.84	1.89	1.89	2.18	1.99	1.92	1.97	1.88	1.87	2.22	1.87

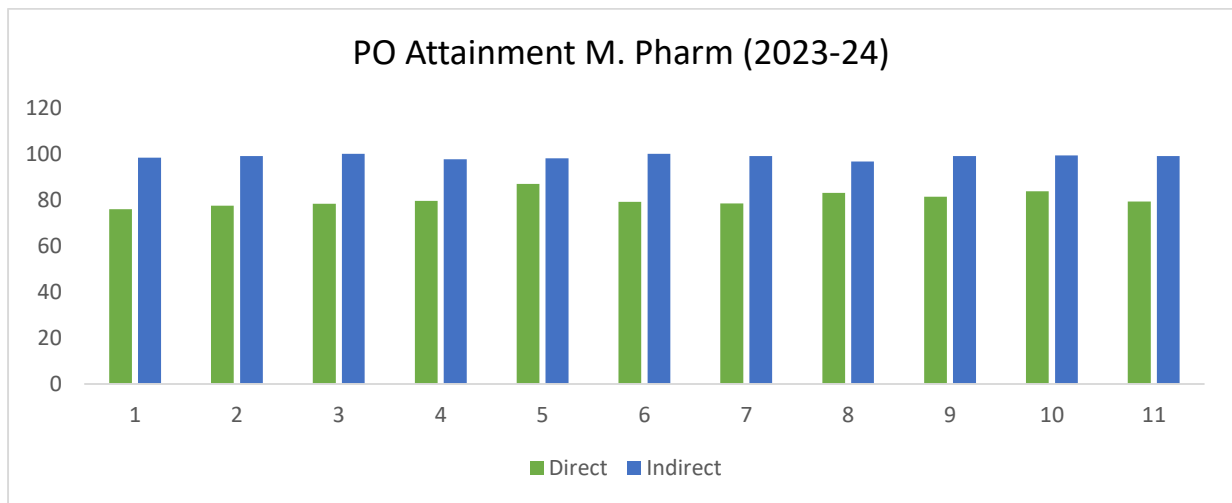


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Evaluation of PO attainment of M. Pharm (2023-24)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
MPAT101T	1.00	-	1.00	1.00	-	1.00	1.50	-	-	1.00	1.75
MPH102T	1.88	1.88	1.88	1.88	-	1.88	1.88	-	1.88	1.88	2.28
MPH103T	3.00	2.00	2.20	2.80	2.20	2.80	3.00	2.20	1.60	1.80	2.05
MPH104T	2.00	2.00	-	2.00	-	2.00	2.00	2.00	2.00	-	2.75
MPH105P	3.00	2.80	2.80	2.50	2.20	2.20	2.00	2.40	1.80	1.25	0.75
MPH201T	0.75	0.70	0.75	0.69	0.50	0.70	0.70	0.60	0.55	0.60	1.15
MPH202T	1.10	1.00	1.10	1.00	1.00	1.10	1.10	1.00	1.10	1.00	2.05
MPH203T	2.00	2.75	2.00	2.00	3.00	2.00	2.00	2.00	2.00	3.00	1.00
MPH204T	1.00	1.00	1.00	1.50	1.00	1.17	1.13	1.00	1.00	1.25	2.75
MPH205P	3.00	2.83	2.83	2.20	2.00	2.00	2.00	2.67	1.67	1.25	2.25
MPAT101T	2.00	-	2.00	2.00	-	2.00	3.00	-	-	2.00	2.30
MQA102T	2.00	2.00	2.20	2.20	2.60	2.00	2.00	2.00	2.00	2.75	2.10
MQA103T	2.00	2.00	2.00	2.20	2.00	2.00	2.00	2.00	2.00	2.00	2.15
MQA104T	2.00	2.67	2.00	-	3.00	2.00	1.80	3.00	2.67	2.00	1.86
MQA105P	1.75	1.75	1.75	2.00	1.75	1.75	1.75	2.00	1.75	2.00	1.56
MQA201T	1.50	1.50	1.50	2.50	-	3.00	2.50	3.00	3.00	1.50	0.38
MQA202T	0.55	0.55	0.55	0.45	0.45	0.55	0.55	0.55	0.45	0.50	1.05
MQA203T	1.00	1.00	1.00	1.10	1.00	1.00	1.00	1.00	1.00	1.00	2.19
MQA204T	1.80	2.67	-	-	2.67	1.75	1.75	3.00	-	2.33	2.06
MQA205P	2.00	2.00	2.00	2.50	2.00	2.00	2.00	2.00	2.00	1.75	1.50
MPAT101T	1.50	-	1.50	1.50	-	1.50	2.25	-	-	1.50	0.50
MPC102T	0.44	0.41	0.41	-	0.41	0.41	0.41	0.41	0.41	0.41	1.78
MPC103T	1.83	1.80	2.20	2.33	-	1.83	2.33	-	1.83	3.00	2.08
MPC104T	2.17	2.17	2.33	1.83	-	2.17	3.00	-	2.17	1.67	2.04
MPC105P	2.00	2.00	2.00	2.33	2.00	2.00	3.00	2.00	2.50	3.00	0.50
MPC201T	0.40	0.40	0.40	0.75	-	0.40	0.58	0.40	0.63	0.63	1.99
MPC202T	2.00	2.13	2.13	2.40	2.13	2.13	2.13	2.13	2.13	2.33	0.53
MPC203T	0.54	0.54	0.54	0.54	-	0.54	0.75	0.54	-	-	0.54
MPC204T	0.42	0.42	0.42	0.63	-	0.42	0.75	-	0.75	0.42	1.79
MPC205P	1.83	1.83	2.67	2.67	1.83	1.83	3.00	1.83	2.50	2.67	1.46
MPAT101T	1.50	-	1.50	1.50	-	1.50	2.25	-	-	1.50	1.50
MPL102T	1.50	1.50	2.25	2.00	-	2.25	1.75	-	2.25	-	1.87
MPL103T	1.83	2.00	1.83	1.83	-	1.83	1.83	2.00	-	1.83	1.74
MPL104T	1.71	2.17	2.20	3.00	-	2.20	3.00	-	2.20	3.00	1.93
MPL105P	2.00	2.00	2.60	2.60	2.00	3.00	2.00	2.00	2.00	-	1.15
MPL201T	1.30	1.30	1.30	1.50	-	1.30	1.30	-	1.30	-	1.57
MPL202T	1.37	1.65	1.65	-	-	1.37	1.65	1.37	-	-	1.62
MPL203T	1.75	1.75	1.75	1.75	-	1.75	1.75	-	1.75	-	2.21

MPL204T	2.17	2.17	2.17	3.00	3.00	2.17	2.33	3.00	2.50	3.00	1.79
MPL205P	1.67	1.67	1.67	1.67	3.00	2.67	1.67	2.00	2.00	1.50	-
Avg	1.58	1.65	1.69	1.87	1.93	1.70	1.85	1.81	1.78	1.80	1.64
80% of Direct attainment	1.26	1.32	1.35	1.50	1.55	1.36	1.48	1.45	1.42	1.44	1.31
20% of indirect attainment	0.59	0.59	0.60	0.59	0.59	0.60	0.59	0.58	0.59	0.60	0.59
Total Attainment	1.85	1.91	1.95	2.08	2.13	1.96	2.07	2.03	2.02	2.03	1.90



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