
ATTAINMENT
OF
PROGRAMME OUTCOMES AND COURSE
OUTCOMES

Method of assessment of Cos

- Course Outcome is evaluated by Direct assessment method
- Performance of students in internal Sessional and in university / Board examination of a course.
- Internal assessment contributes 20% and university assessment contributes 80% to the total attainment of a COs

Assessment Mode	Assessment Tool	Description	Weightage
Direct assessment	External Assessment	end semester/ annual theory & practical examination	80%
	Internal Assessment	Internal sessional theory & practical examination	20%

- Attainment level: Course outcomes of all courses are assessed with the help of the above-mentioned assessment tools and attainment level is evaluated based on set attainment rubrics as follows

Assessment Tool	Attainment level	Description
External Assessment (University Examination)	1 (Slight /Low)	50% of students scoring more than 60% marks in university examination
	2 (Moderate/Medium)	60% of students scoring more than 60% marks in university examination.
	3 (Substantial/High)	70% of students scoring more than 60% marks in university examination.
Internal Assessment (Internal Examination)	1 (Slight /Low)	50% of students scoring more than 60% marks in the internal examination
	2 (Moderate/Medium)	60% of students scoring more than 60% marks in the internal examination.
	3 (Substantial/High)	70% of students scoring more than 60% marks in internal Examination.

- Total Attainment =20% internal attainment + 80% university attainment
- If targets are achieved then all the course outcomes are attained for that year. The program is expected to set higher targets for the following years as a part of continuous improvement.
- If targets are not achieved the program should put in place an action plan to attain the target in successive years.




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2.6.2: Any additional information (Methods of assessment & attainment of Cos/POs)

Method of assessment of POs


- Program outcomes are assessed in the following manner

SN	Assessment Methods	Attainment Level		
1	Direct assessment	1	2	3
2	Indirect Assessment	(Slight/Low)	(Moderate/Medium)	(Substantial /High)

- Direct assessment method: Student performance in Sessional & end semester examination of both theory & practical considered for the attainment of POs
- Indirect assessment method: Tool used for this assessment Students exit survey, Parent survey, Alumni survey, higher studies & placement, etc. the correlation levels as defined above are assigned for each POs concerning these indirect assessment tools
- Assessment methods (Direct and Indirect) is implemented for the attainment of POs with correlation levels as 1 (Low), 2 (Medium), 3 (High)
- The final attainment levels for each PO are calculated by different weightage levels of direct assessment correlation levels and indirect assessment correlation levels concerning each course which is then averaged to obtain the attainment levels for the programme. The weightage ratio for both direct & indirect assessment methods as follows

Program outcomes	Direct assessment tools	Weightage	Indirect assessment tools	Weightage
PO-1- Pharmacy knowledge	Sessional & End semester university examination (Theory/practical)	70	Student exit survey, Parent survey, higher studies & placement data, etc	30
PO-2-Planing abilities		40		60
PO-3-Problem Analysis		70		30
PO-4-Modern tool usage		60		40
PO-5-Leadership Skills		30		70
PO-6-Professeional Identity		30		70
PO-7-Pharmaceutical ethics		40		60
PO-8-Communication		30		70
PO-9-The Pharmacist & Society		30		70
PO-10-Environment & Sustainability		30		70
PO-11-Lifelong learning		30		70




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2.6.2: Any additional information (Methods of assessment & attainment of CoS/POs)

➤ Indirect methods questionnaires taken into consideration for POs attainment & its criteria are given as follows

POs	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	Level	Criteria for attainment
Direct assessment methods													
End semester/ annual theory & practical examination	Weightage			80%								1	50% of students scoring more than 60% marks in internal/university examination
Internal sessional theory & practical examination	Weightage			20%								2	60% of students scoring more than 60% marks in internal/university exam
Overall attainment	Overall Weightage			80%+20%=100%								3	70% of students scoring more than 60% marks internal/university exam
Total 32 subjects of B. Pharm taken into consideration for the academic year 2019-20 & average value of attainment (87/32=2.71) finally considered for the attainment of POs													
Indirect assessment methods questionnaires													
Student exit survey	Que 1	Que 2	Que 3	Que 4	Que 5	Que 6	Que 7	Que 8	Que 9	Que 10	Que 11	1	50% student scored more than 50%
												2	60% student scored more than 50%
												3	70% student scored more than 50%
Average	4.33= level 3	4.38	4.27	4.28	4.33	4.33	4.49	4.42	4.42	4.35	4.59		
Parent survey	Que 1		Que 2		Que 3		Que 4		Que 5		Que 6	1	50- 60 % parent says YES
												2	60-70 % parent says YES
												3	More than 70% parent says YES
Average	100%		93.22%		91.52%		96.61%		100%		94.91%		
Higher Studies & Placement	The average percentage of students placed and opted for Higher studies											1	50 % students qualified
												2	60 % students qualified
												3	70 % students qualified

