



### ALUMNI SURVEY:

Alumni particularly those who have completed one year after graduation are able to respond whether the practiced curriculum have given orientation towards the emerging changes in the field. For calculation of Program Outcomes, feedback is taken from alumni. For that purpose relevant questionnaire in the form of alumni survey form is given during the alumni meet to evaluate attainment of P.Os. The relevant questionnaire is given in section **II (A)** and details of calculations of program outcomes are given in **II (B)** and relation of POs with questionnaire and attainment of P.Os are mentioned in **II (C)**.

### III (A) QUESTIONNAIRE FORMAT

#### ALUMNI FEEDBACK FORM

NOTE: Please tick as appropriate for the following questions with respect to B.Pharm graduate program.

Sl. No	Question/Parameter for evaluation	Excellent	Good	Fair	Poor
1	How competent are you in the application of the basic pharmaceutical sciences and its concepts?				
2	How do you rate your fundamental pharmacy related knowledge?				
3	How do you rate your knowledge in the various subjects of pharmaceutical sciences?				
4	How do you rate your ability to apply the principles learned from various pharmaceutical sciences?				
5	How do you rate your ability to analyze problems, interpret them and make use of your knowledge to solve them?				
6	How good is your ability in identifying, formulating and solving pharmaceutical problems?				
7	How can you rate your oral communication and presentation skills?				
8	How effective is your written communication skills? (Ability to write effectively).				
9	How do you rate your ability to function in teams?				
10	How do you rate your understanding of your ethical and professional responsibilities?				
11	How do you rate your understanding of the social and global issues that have to be considered while providing solutions to various pharmaceutical problems?				
12	How do you rate your understanding of the need for and the ability to engage in life-long learning?				
13	How do you rate the structure of the curriculum in providing in-depth education in the area of pharmaceutical sciences?				
14	How well as the university curriculum prepared you for your academic/professional career?				
15	Overall rating of your college/institute (academic, co-curricular, extra-curricular activities)?				

### II (B) CALCULATION OF PROGRAM OUTCOMES FROM ALUMNI FEEDBACK FORM





➤ PROGRAM: B.Pharm

➤ NUMBER OF ALUMNI FEEDBACK FORMS COLLECTED: 80

➤ ACADEMIC YEAR COLLECTED: 2020-2021

The calculation for obtaining the PO attainment is calculated is as follows.

Each question is answered by the alumni on a scale where the alumni can give the grades - Excellent, Good, Fair and Poor which are assigned the marks 3, 2, 1 and 0 respectively.

For example **168** alumni feed backs are taken for calculation. In the feed back forms, for the first question the following was the grading obtained from among 80 alumni feed back forms.

Excellent	Good	Fair	Poor
6 response	55 response	18 response	0 response

So,  $(22 \times 3) + (111 \times 2) + (33 \times 1) = 66 + 222 + 33 = 321$  (Total weightage)

Number of feedback forms collected = 167

The maximum possible score will be  $167 \times 3 = 501$

The score attained for first question =  $(321 / 501) \times 100 = 64.07\%$

The score is to be converted to 3 scale i.e.,  $(64.07 \times 3) / 100 = 1.922$

Questions	Excellent (3)	Good (2)	Fair (1)	Poor (0)	Total Weightage	Percentage	Weightage Based On 3 Scale
1	13.2% 22	65.9% 111	20.4% 33	1	321	64.07185629	1.922156
2	13.2% 22	72.5% 122	13.8% 22	1	332	66.26746507	1.988024
3	10.8% 18	76.6% 129	12.6% 20	-	332	66.26746507	1.988024
4	14.4% 24	65.3% 110	18.6% 3	1.2 2	295	58.88223553	1.766467
5	20.4% 34	59.9% 102	19.8% 33	-	339	67.66467066	2.02994
6	11.4% 19	66.5% 112	21.6% 36	0.5 1	317	63.27345309	1.898204
7	26.3% 44	62.9% 106	10.2% 17	0.6 1	361	72.05588822	2.161677
8	29.9% 50	61.7% 104	8.4% 14	-	372	74.25149701	2.227545
9	36.5% 61	58.1% 98	5.4% 9	-	388	77.44510978	2.323353
10	33.5% 56	60.5% 101	6% 10	-	380	75.84830339	2.275449
11	13.8% 23	64.1% 108	22.2% 37	-	322	64.27145709	1.928144
12	22.8% 38	68.9% 116	7.8% 13	0.5 1	359	71.65668663	2.149701





13	<b>17.4%</b> 29	<b>56.3%</b> 95	<b>19.8%</b> 34	<b>7%</b> <b>10</b>		311	62.0758483	1.862275
14	<b>14.5%</b> 24	<b>59%</b> 99	<b>21.1%</b> 36	8		306	61.07784431	1.832335
15	<b>44%</b> 74	<b>46.4%</b> 78	<b>8.9%</b> 14	<b>1</b>		392	78.24351297	2.347305

**I II (C) RELATION OF POS WITH QUESTIONNAIRE AND PO ATTAINMENT SCORES**

Sl.No.	Program Outcomes	Questions involved	PO attainment
1	PO1	1,2,3,13	1.940119
2	PO2	4,14	1.799401
3	PO3	5,6	1.964072
4	PO4	13	1.862275
5	PO5	09	2.323353
6	PO6	10,14,15	2.151696
7	PO7	10	2.275449
8	PO8	7,8	2.194611
9	PO9	11	1.928144
10	PO10	11	1.928144
11	PO11	12	2.149701

