NIRMALA COLLEGE OF PHARMACY, MUVATTUPUZHA-686661, KERALA
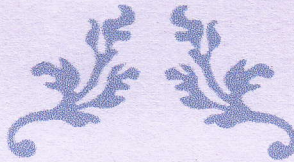
EMPLOYER SURVEY, AY:2019-2020

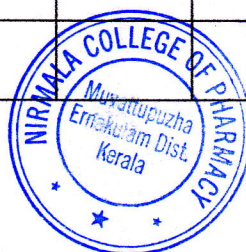# NIRMALA COLLEGE OF PHARMACY, MUVATTUPUZHA-686661, KERALA

EMPLOYER SURVEY:

One of the best measures whether the program outcomes are achieved is to analyse the opinion of the employer about the competency and professionalism exhibited by the graduates in their professional field. For this the employers are requested to fill up the questionnaire. The knowledge, attitude, skills, professionalism, competency, abilities and other attributes can be evaluated by the response of employers. Moreover, the questions are related to the program outcomes. The feedback is taken after one year of their joining date. The questionnaire in employer survey form to evaluate attainment of P.O is given in I (A) and details of calculations are mentioned I (B) and relation of P.O with questionnaire and individual P.O attainments are given in section I (C)

I (A) QUESTIONNAIRE FORMAT

EMPLOYERS FEEDBACK FORM

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

Sl. No	Question/Parameter for evaluation	Excellent	Very good	Good	Fair	Poor
1	How competent are graduates in the application of the basic pharmaceutical sciences and its concepts?					
2	How do you rate the graduate's fundamental pharmacy related knowledge?					
3	How do you rate the graduate's knowledge in the various subjects of pharmaceutical sciences?					
4	How do you rate the graduate's ability to apply the principles learned from various pharmaceutical sciences?					
5	How do you rate the graduate's ability to analyse problems, interpret them and make use of his/her knowledge to solve them?					
6	How good is the graduate's ability in identifying and solving pharmaceutical problems?					
7	How can you rate the graduate's oral communication and presentation skills?					
8	How effective is the graduate's written communication skills? (Ability to write effectively).					
9	How do you rate the graduate's ability to function in teams?					
10	How do you rate the graduate's understanding of his/her ethical and					

	professional responsibilities?							
11	How do you rate the graduate's understanding of the social and global issues that have to be considered while providing solutions to various problems?							
12	How do you rate the graduate's 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 the university curriculum has prepared the graduates for their academic/professional career?							
15	Overall rating of the Institute (academic, cocurricular, extra-curricular activities)?							

I (B) CALCULATION OF P.O ATTAINMENT FROM EMPLOYER FEEDBACK FORM

> **NUMBER OF EMPLOYER FEEDBACK FORMS COLLECTED: 63**
> **ACADEMIC YEAR COLLECTED: 2018-2019**

> Each question is answered by the employer on a scale where the employer can give the grades - Excellent, very good, good, fair and poor which are assigned the marks 4, 3, 2 ,1 and o respectively.
> For example; 63 employer feed backs are taken for calculation. In the feedback forms, for the first question the following was the grading obtained from among 63 employer feedback forms.

Question Number	Excellent	Very good	Good	Fair	Poor
1	6	30	27	0	0

So, (6x4) + (30x3) + (27x2) = 24+90+54 = 168 (Total weightage)

Number of feedback forms collected= 63

The maximum possible score will be 63 x4 = 252

The score attained for first question = (168/252) x 100 = 66.67%

The score is to be converted to 3 scale i.e., (66.67x3) / 100 = 2.00

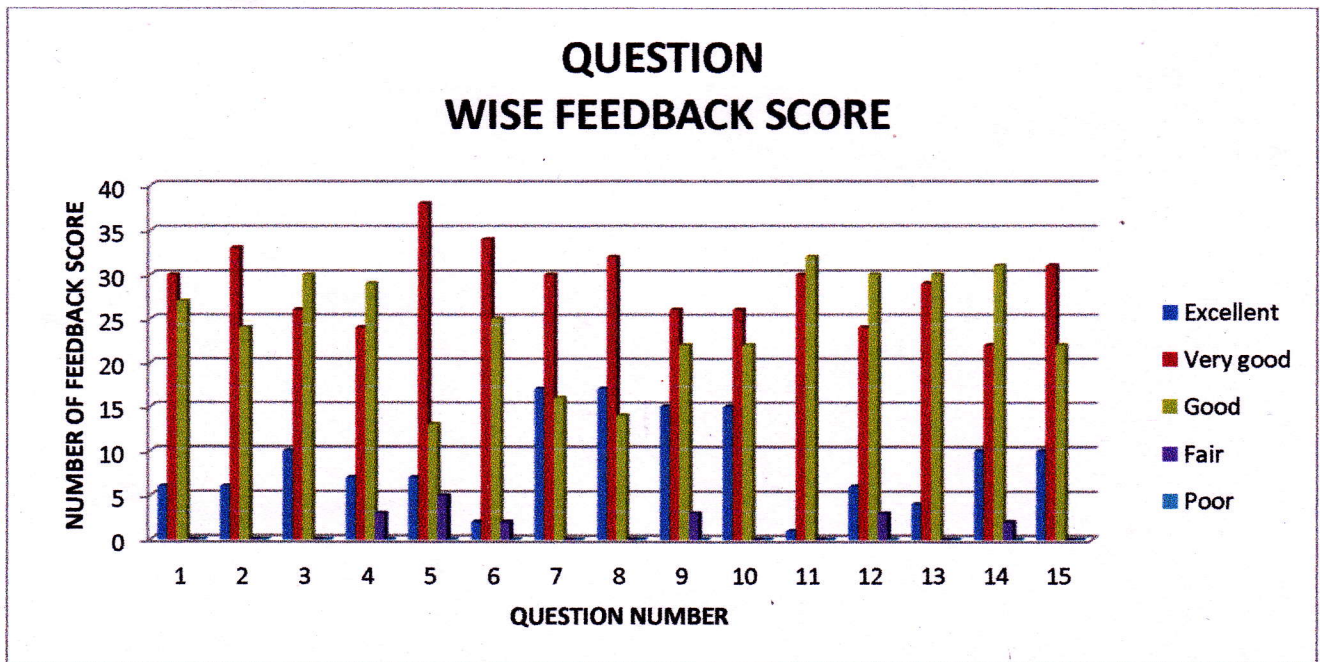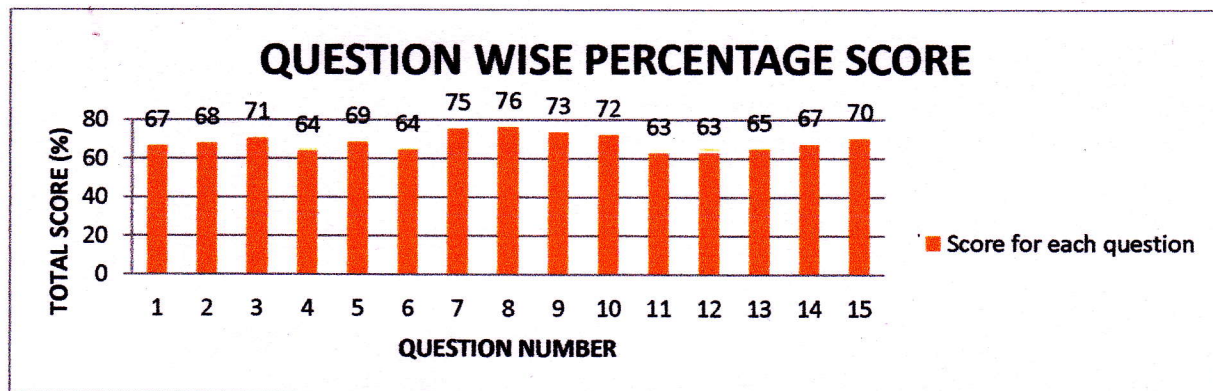# NIRMALA COLLEGE OF PHARMACY, MUVATTUPUZHA-686661, KERALA

Question Number	Excellent (4)	Very good (3)	Good (2)	Fair (1)	Poor (0)	Total Weightage	Percentage	Score in 3 scale
1	6	30	27	0	0	168	67	2
2	6	33	24	0	0	171	68	2.04
3	10	26	30	0	0	178	71	2.12
4	7	24	29	3	0	161	64	1.92
5	7	38	13	5	0	173	69	2.06
6	2	34	25	2	0	162	64	1.93
7	17	30	16	0	0	190	75	2.26
8	17	32	14	0	0	192	76	2.29
9	15	26	22	3	0	185	73	2.2
10	15	26	22	0	0	182	72	2.17
11	1	30	32	0	0	158	63	1.88
12	6	24	30	3	0	159	63	1.89
13	4	29	30	0	0	163	65	1.94
14	10	22	31	2	0	170	67	2.02
15	10	31	22	0	0	177	70	2.11

Score attained for each feedback question:

QUESTION WISE FEEDBACK SCORE

Percentage score for each question:

QUESTION WISE PERCENTAGE SCORE

Bar chart showing Total Score (%) on the y-axis (0 to 80) versus Question Number (1 to 15) on the x-axis:

Question Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Score for each question	67	68	71	64	69	64	75	76	73	72	63	63	65	67	70

Three scale score for each question:

QUESTION WISE SCORE IN 3 SCALE

Line chart showing Score in 3 Scale on the y-axis (0.00 to 2.50) versus Question Number (1 to 15) on the x-axis:

Question Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Score in 3 scale	2.00	2.04	2.12	1.92	2.06	1.93	2.26	2.29	2.20	2.17	1.88	1.89	1.94	2.02	2.11
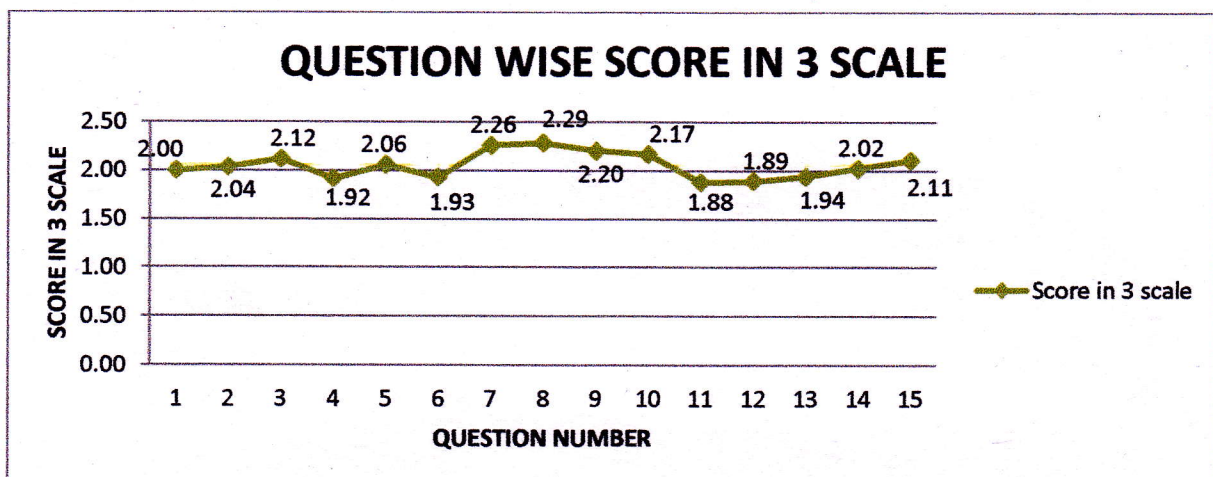
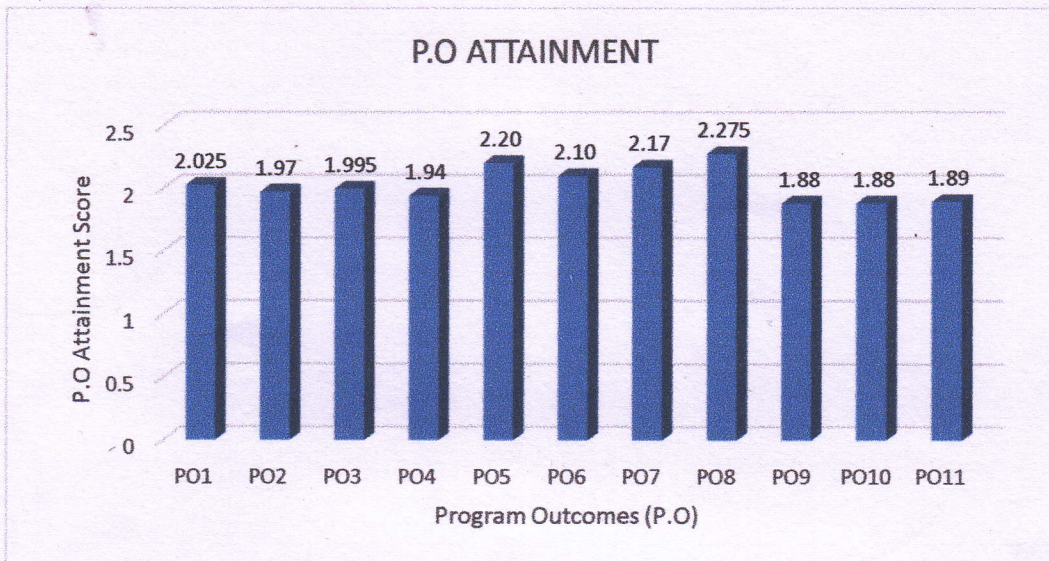## RELATION OF P.O WITH QUESTIONNAIRE AND P.O ATTAINMENT SCORES

Sl. No.	Program Outcomes (P.O)	Questions involved	P.O attainment
1	PO1	1,2,3,13	2.025
2	PO2	4,14	1.97
3	PO3	5,6	1.995
4	PO4	13	1.94
5	PO5	9	2.20
6	PO6	10,14,15	2.10
7	PO7	10	2.17
8	PO8	7,8	2.275
9	PO9	11	1.88
10	PO10	11	1.88
11	PO11		1.89
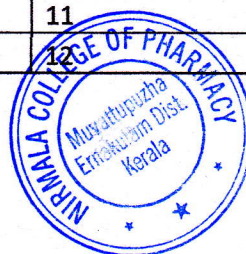
P.O ATTAINMENT

- If one Program outcome is matching only with one question the attainment value of that question is assigned for that particular P.O
- For example, in case of P.O 5, the relevant question is Question no. 9 and hence the attainment of P.O 5 is 2.20.
- Certain POs will be related with more than one question, so the average score of those three questions will be taken
- For example, P.O 1 is related with 4 questions 1,2,3 and 13, so the average of those four scores 2.00, 2.04, 2.12 and 1.94 is taken. So, the attainment of P.O 1 is 2.025.
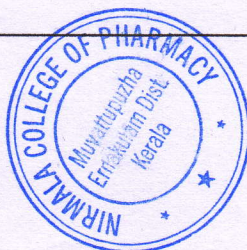
EVALUATION CRITERIA

The scores obtained from employer survey were mapped with POs and those POs with less than 60% (less than 1.8) attainment level were considered as gaps. The details are shown below.

PO attainment score from employer survey(as shown in criteria 3)										
POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Score	2.02	1.97	1.99	1.94	2.20	2.10	2.17	2.27	1.88	1.88	1.89

Gaps identified from employer survey	POs
Nil	Nil

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