

# **Nirma University Institute of Pharmacy**

## **Feedback On Design and Review of Syllabus (NAAC point 1.4.1 and 1.4.2)**

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# **Part - A**

## **Stakeholder Feedback Analysis & Action Taken Report**

# **Part A**

## **Stakeholder Feedback Analysis & Action Taken Report**

**Starting from  
2019-20 to 2015-16**

## Feedback on design and reviews of syllabus Institute of Pharmacy, Nirma University

### Part : A Stakeholder Feedback Analysis & Action Taken Report

Sr. No.	Year	Stake Holder	Feedback Given	Action Taken	Considered/ Not considered
1	2019-20	Alumni	ICHQ9, ICHQ10 guidelines, formulation case studies and analytical quality by design case studies should be included.	This is already covered during teaching.	Already in practice
2			Pharmaceutical Engineering is too lengthy syllabus for one semester (should be divided in two semesters)	The same is already communicated to PCI.	Not Considered
3			Recent acts and their amendments should be taught specially in DPCO act. Should be taught in pharmaceutical Jurisprudence.	All latest amendments are taught.	Already in practice
4			Industry related projects on NDDS. & Interrelated projects between analytical, formulation organic and pharmacology.	More and more interdisciplinary projects will be given.	Considered. Moreover change in syllabus is note required.
5			An overview of antidepressants should be included in medicinal chemistry I.	We are following PCI syllabus.	Not Considered
6			B. Pharm sem II subject pathophysiology is too hard to understand in 1 <sup>st</sup> year. So it should be shifted to sem III or IV.	We are following PCI syllabus.	Not Considered
7		Student	Mast cell assay in Pharmacology in B. Pharm sem IV should be taught using audio-visual animation.	Faculty members are using ICT tools wherever possible. No action taken required.	Already in practice
8			Curriculum is perfectly appropriate and has adequate balance of practical application and theoretical knowledge. Also elective subjects and value added courses which ensure comprehensive development as an individual.	No action taken required.	Already in practice

9	Teachers	CTD and PAT should be added in Industrial Pharmacy II theory of B. Pharm semester VI	Topics are included.	Considered
10	Employee	E-marketing and product recalls and its impact should be added in the subject of Pharmaceutical Marketing in B Pharm Sem VIII	Topics are included.	Considered
11		Thin layer Chromatography should be included in sem VII course BP701T: Instrumental methods of analysis.	Topic is included	Considered
12		1. Topics like methods for anesthesia, toxicity studies, various CNS models etc should be included in B Pharm Sem VIII Experimental Pharmacology subject 2. Topics like gene expression, molecular biology of apoptosis etc. to be included in B Pharm Sem VIII CMB	We are following PCI syllabus. Partially considered.	Considered

**Summary:** During the year 2019-20, we have taken feedback from various stakeholders like Alumni, students, employer etc. Specifically we received feedback from Alumni. However, the most of the suggestions are considered and syllabus is modified accordingly wherever applicable.



**Director**

**Institute of Pharmacy,**

**Nirma University**

**Feedback on design and reviews of syllabus Institute of Pharmacy, Nirma University**

**Part : A Stakeholder Feedback Analysis & Action Taken Report (2018-19)**

1	2018- 19	Alumni	More case study should be given to clear concept about disease and drugs in subject of Pharmacotherapeutics in B. Pharm sem VIII	Already practiced during tutorials.	Already in practice
2			Focus more on communication skills course in B Pharm sem I	We are following PCI syllabus.	Not Considered
3			Biostatistic should be taught in more depth.	Biostatistic is offered theory as well as tutorials hence no action taken required. Additionally, we will be following PCI syllabus from 2020 -21 for B. Pharm sem VII & VIII in which also it is a compulsory course.	Already in practice
4			Practical knowledge about industrial standards to be given to pharmaceutical M. Pharm students.	Covered during tutorials.	Already in practice
5			Courses are well designed as per industry standards.	No action taken required.	Already in practice
<p><b>Summary:</b> During the year 2018-19, we have taken feedback from various stakeholders like Alumni, students, employer etc. However, we received feedback about syllabus from Alumni only. The most of the suggestions are already in practices.</p>					



**Director**

**Institute of Pharmacy,**

**Nirma University**

## Feedback on design and reviews of syllabus Institute of Pharmacy, Nirma University

### Part : A Stakeholder Feedback Analysis & Action Taken Report (2017-18)

1	2017 - 18	Alumni	More of instruments knowledge given for measurement of rheology in B. Pharm sem IV, physical Pharmaceutics.	The faculty members are informed for the same.	Considered
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**Summary:** During the year 2017-18, we have asked for feedback from various stakeholders like Alumni, students, employer etc. however, we have received only one feedback from alumni and the same was considered.



**Director**

**Institute of Pharmacy,**

**Nirma University**

## Feedback on design and reviews of syllabus Institute of Pharmacy, Nirma University

### Part : A Stakeholder Feedback Analysis & Action Taken Report (2016-17)

1	2016-17	Alumni	Basics should be taught before dosage form design. Pharmaceutics I in B. Pharm Sem I should be shifted to B. Pharm Sem II or III.	As per PCI, Subjects are taught thus we cannot change at this stage.	Not Considered
2		Other	Some topics were suggested for inclusion in the syllabus of health Considered and nutrition course. These are the important topics which are required to be taught to students under Health and Nutrition	Topics were included in the syllabus.	Considered

**Summary:** During the year 2016-17, we have asked for feedback from various stakeholders like Alumni, students, employer etc. However, we are following PCI scheme and hence we are not shifting subject form one semester to another. Another feedback was considered and syllabus was modified accordingly.



**Director**

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**Nirma University**



## Feedback on design and reviews of syllabus Institute of Pharmacy, Nirma University

### Part : A Stakeholder Feedback Analysis & Action Taken Report (2015-16)

1	2015-16	Alumni	More emphasis should be given to Pharmacopoeial evaluation test for different dosage forms in Pharmaceutical dosage forms II	Covered while teaching	Already in practice
<b>Summary:</b> During the year 2015-16, we have received feedback from one alumni. However, the same is already in practice. We also take many other feedbacks about how is the syllabus and other facilities, however, that are not course specific and hence not mentioned here.					



**Director**

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**Nirma University**

## Part - B

# Filled Feedback Forms by Various Stakeholders

(Alumni, Students, Teachers, Employers and Parents)

**Note:** It is not compulsory for students to disclose their identity while giving the feedback

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**Feedback by Alumni/Parent/Employer/Student on  
Curriculum**

Name of Alumni	Neel Changela	Unique Roll No.	09BPH021
Email Address	neelchangela33@gmail.com	Mobile No.	9687185410
Designation & Affiliation	Sr Executive, ADL dept, SPARC		

Sr. No.	Curriculum for Program (B.Pharm. / M.Pharm. with Specialization)	Semester	Name of Course	Specific Feedback (Describe your comment or Suggestion for Specific Course)
1	M. Pharm	-	Suitable course	Analytical studies of large molecules like protein, peptides, lipids etc should be included.

**Overall Comment / Suggestions :**

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## Feedback by Alumni Member on Curriculum

Name of Alumni	DR. SHIVANG CHAUDHARY	Unique Roll No.	04BPH047
Email Address	qbdcxpest@gmail.com	Mobile No.	9904474045.
Designation & Affiliation	FOUNDER DIRECTOR : QBD-Expert.		

Sr. No.	Curriculum for Program (B.Pharm. / M.Pharm. with Specialization)	Semester	Name of Course	Specific Feedback (Describe your comment or Suggestion for Specific Course)
01.	M. Pharma.	2.	CADDs.	ADD: ICH Q9, ICH Q10 Guidelines, Formulation case studies & Analytical Quality by Design case studies.

Overall Comment / Suggestions :

## Feedback by Alumni Member on Curriculum

Name of Alumni	Thakkar Drashiti Pratapbhai	Unique Roll No.	14BPH021
Email Address	14BPH021@nirmauni.ac.in	Mobile No.	9409407551
Designation & Affiliation	M.Pharm in Pharmaceutical Analysis IPNU		

Sr. No.	Curriculum for Program (B.Pharm. / M.Pharm. with Specialization)	Semester	Name of Course	Specific Feedback (Describe your comment or Suggestion for Specific Course)
	B.Pharm		—	Pharmaceutical Engineering is too lengthy syllabus for 1 semester (should be divided in 2 semesters)

Overall Comment / Suggestions :

# Feedback by Alumni Member on Curriculum

Name of Alumni	Mahek Vipulkumar Shah	Unique Roll No.	04BPH091, 08MPH105
Email Address	mahekvshah@gmail.com	Mobile No.	9428501408
Designation & Affiliation	Drug Inspector Food & Drug Control Administration Govt of Gujarat		

Sr. No.	Curriculum for Program (B.Pharm. / M.Pharm. with Specialization)	Semester	Name of Course	Specific Feedback (Describe your comment or Suggestion for Specific Course)
	B.Pharm	5	Pharmaceutical Jurisprudence	Recent acts & their amendments should be taught in specially in DPCO act

Overall Comment / Suggestions :

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# Feedback by Alumni Member on Curriculum

Name of Alumni	Keyur Jannadas Butani	Unique Roll No.	11MPH106
Email Address	kurbutani510@gmail.com	Mobile No.	7874308332
Designation & Affiliation	Formulation scientist, Injectibles, IPDD, Dr. Reddy Laboratories Ltd.		

Sr. No.	Curriculum for Program (B.Pharm. / M.Pharm. with Specialization)	Semester	Name of Course	Specific Feedback (Describe your comment or Suggestion for Specific Course)
1)	MPharm, (Pharmaceutical Technology and Biopharmaceutics)	—	—	1) Industry Related Projects on NDDS. 2) Interrelated projects between analytical, Formulations, organic & Pharmacology.

Overall Comment / Suggestions :

# Feedback by Alumni Member on Curriculum

Name of Alumni	Harsh S. Rathnam	Unique Roll No.	16 MPH 403
Email Address	16mph403@nirmauni.ac.in	Mobile No.	8971431187
Designation & Affiliation	Research scientist Advance phytotherapies		

Sr. No.	Curriculum for Program (B.Pharm. / M.Pharm. with Specialization)	Semester	Name of Course	Specific Feedback (Describe your comment or Suggestion for Specific Course)
1.	B.Pharm S.	IV	Medicinal chemistry - I	An overview of anti-depressants should be included.

Overall Comment / Suggestions :



# Feedback by Alumni Member on Curriculum

Name of Alumni	Megha Desai	Unique Roll No.	14BPH048
Email Address	meghadesai1997@gmail.com	Mobile No.	7383605563
Designation & Affiliation	Pursuing M.Pharm in Pharmacology from IPNU.		

Sr. No.	Curriculum for Program (B.Pharm. / M.Pharm. with Specialization)	Semester	Name of Course	Specific Feedback (Describe your comment or Suggestion for Specific Course)
1.	B.Pharm	II	Pathophysiology	B.Pharm SEM - II subject pathophysiology subject is too hard to understand in 1 <sup>st</sup> year so should be shifted to SEM - III or IV.

Overall Comment / Suggestions :

## Feedback by Alumni/Parent/Employer/Student on Curriculum

Name	Vishal K Ghavda	Unique Roll No. for Alumni/Student	16FTPHDP45
Email Address	chavdavishal2@gmail.com	Mobile No.	9723024857
Designation & Affiliation	PhD, Research Scholar (Pharmacology) (Full Time)		

Sr. No.	Curriculum for Program (B.Pharm. / M.Pharm. with Specialization)	Semester	Name of Course	Specific Feedback (Describe your comment or Suggestion for Specific Course)
01.	B. Pharma	<u>IV</u>	Pharmacology	Mast cell Assay Replacement with Audio-Visual Animation.

**Overall Comment / Suggestions :**

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## Feedback by Alumni/Parent/Employer/Student on Curriculum

Name	Kavya Shah	Unique Roll No. for Alumni/Student	16bpu040
Email Address	kavyashah31@gmail.com	Mobile No.	9978966398
Designation & Affiliation	student in 8th semester		

Sr. No.	Curriculum for Program (B.Pharm. / M.Pharm. with Specialization)	Semester	Name of Course	Specific Feedback (Describe your comment or Suggestion for Specific Course)
1.)	B. Pharm	VII	clinical pharmacy	I found this subject interesting, as it taught us practical application of theoretical knowledge.
2.)	B. Pharm	VI	Intellectual property rights	I found this subject interesting as I wish to pursue career in regulatory affairs.

**Overall Comment / Suggestions :** curriculum is perfectly appropriate and has adequate balance of practical application & theoretical knowledge, also we have elective subjects, which ensure comprehensive development as an individual.

## Nirma University

### Minutes of the Twenty Seventh meeting of the Area Committee of Pharmaceutics which was held on 05.02.2019 at 01:30 pm, at Conference Room, Institute of Pharmacy, when following members were presence:

Sr.	Name of members	Sr.	Name of members
1.	Prof. Tejal Mehta – Chairperson	6.	Dr. Dhaivat Parikh
2.	Dr. Shirish Bellapure	7.	Dr. Jigar Shah
3.	Dr. R. H. Parikh	8.	Dr. Mohit Shah
4.	Dr. Mayur Patel	9.	Dr. Vidhi Shah – Invitee
5.	Dr. Shital Butani		

Dr. Alex George could not attend the meeting.

The Chairperson welcomed all the members and thereafter the agenda of the meeting was taken into consideration as under;

Item	Particulars
1.	Consideration of confirmation of minutes of the previous meeting held on 04.08.2018.  <b><u>Resolution:</u></b> <b>Resolved that</b> the minutes of the previous meeting held on 04.08.2018 <b>be confirmed</b> as per Encl.-I circulated with the agenda.
2.	Consideration of the note on action taken on the decisions of the previous meeting held on 04.08.2018.  <b><u>Resolution:</u></b> <b>Resolved that</b> the note on Action Taken on the decisions of previous meeting held on 04.08.2018 <b>be noted.</b>
3.	Consideration of making recommendation to the Faculty of Pharmacy with regard to review of curriculum of UG & PG Programmes in Pharmaceutics area, to be made effective in the Academic Year 2019-20 and onwards.  <b><u>Resolution</u></b> <b>Resolved that</b> the curriculum of UG & PG Programmes in Pharmaceutics area, to be made effective in the Academic Year 2019-20 and onwards, were reviewed and found satisfactory.
4.	Consideration of making recommendation to the Faculty of Pharmacy with regard to Introduction of Teaching & Examination scheme and Syllabus of following courses of Semester-V and Semester-VI of B.Pharm. programme pertaining to Pharmaceutics in pursuance to new PCI guidelines, to be effective for the students admitted in Year 2017-18 and to be made effective onwards.

- i. Industrial Pharmacy – I Theory (BP502T) of Semester - V
- ii. Industrial Pharmacy – I Practical (BP506P) of Semester – V
- iii. Pharmaceutical Jurisprudence – Theory (BP505T) of Semester – V
- iv. Biopharmaceutics & Pharmacokinetics – Theory (BP604T) of Semester – VI
- v. Pharmaceutical Biotechnology – Theory (BP605T) of Semester – VI

**Resolution**

**Resolved to recommend to the Faculty of Pharmacy** with regard to Introduction of Teaching & Examination scheme and Syllabus of above mentioned courses of Semester-V and Semester-VI of B.Pharm. programme pertaining to Pharmaceutics in pursuance to new PCI guidelines, to be made effective for the students admitted in B.Pharm programmes from the Academic Year 2017-18 and onwards, be approved with minor modifications in CLOs , as per Encl.- III.

In view of above, the Chairperson, be authorized to submit the revised documents after incorporating above suggestions, directly to the Faculty of Pharmacy for further consideration.

5. Consideration of revision in list of Panel of Paper setters and Examiners for the semester end examinations of UG & PG programmes in Pharmaceutics area for the Academic year 2018-19.

**Resolution**

**Resolved** that revised list of Panel of Paper setters and Examiners for the semester end examinations of UG & PG programmes in Pharmaceutics area for the Academic year 2018-19 be approved as per Panel placed on the table at the time of meeting.

6. Consideration of assessment of quality of question papers drawn in previous examinations.

**Resolution**

**Resolved that** the assessment of quality of question papers drawn in previous examinations was done and found good.

7. Consideration of review of Feedback received from various stakeholders like Alumni, Parents, Recruiters, Industry experts etc.

**Resolution**

The Chairperson informed that feedback received from various stakeholders like Alumni, Parents, Recruiters, Industry experts etc. were reviewed and most of the suggestions were already covered in the syllabus. As the Institute has implemented PCI syllabus, remaining suggestions will be covered wherever feasible.

**TABLE ITEM:-**

8. Consideration of making recommendation to the Faculty of Pharmacy with regard to Vision, Mission, Programme Educational Objectives (PEO) and Programme Outcomes (PO) of B.Pharm. programme.

**Resolution**

**Resolved to recommend to the Faculty of Pharmacy** with regard to to Vision, Mission, Programme Educaitional Objectives (PEO) and Programme Outcomes (PO), Programme Specific Outcomes (PSOs) of B.Pharm. programme, be approved.

The meeting ended with a vote of thanks.



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Prof. (Dr.) Tejal Mehta - Chairperson  
Area Committee in Pharmaceutics

# Feedback by Alumni Member on Curriculum

18-19  
①  
①

Name of Alumni	Molisha Soni	Unique Roll No.	14BPH053
Email Address	molishasoni30@gmail.com	Mobile No.	9714361620
Designation & Affiliation	M. Pharm (Pharmacology) IPNV		

Sr. No.	Curriculum for Program (B.Pharm. / M.Pharm. with Specialization)	Semester	Name of Course	Specific Feedback (Describe your comment or Suggestion for Specific Course)
1. ✓	B. Pharma	VIII	Pharmacotherapeutics	More case study should be given to clear concept abt disease & drugs of it.

Overall Comment / Suggestions :

General subjects, B.Pharm

Institute of Pharmacy  
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# Feedback by Alumni Member on Curriculum

18-19

(2)

Name of Alumni	Krunal K. Sondagar	Unique Roll No.	12BPH027
Email Address	krunal.mt18@BKSchool.org.in	Mobile No.	940997080
Designation & Affiliation	Business Executive at Intus pharmaceutical		

Sr. No.	Curriculum for Program (B.Pharm. / M.Pharm. with Specialization)	Semester	Name of Course	Specific Feedback (Describe your comment or Suggestion for Specific Course)
	B. Pharm	I	Communication Skills	make it as hr course, so that student take it seriously and will help amongst medium student to clear competitive exams for abroad study.

Overall Comment / Suggestions :



18/11/19

11

# Feedback by Alumni Member on Curriculum

Name of Alumni	Geeta Bhagwani	Unique Roll No.	13BPH041
Email Address	bhagwanigeeta41@gmail.com	Mobile No.	9727595005
Designation & Affiliation			

Sr. No.	Curriculum for Program (B.Pharm. / M.Pharm. with Specialization)	Semester	Name of Course	Specific Feedback (Describe your comment or Suggestion for Specific Course)
1.	B. pharm	VIII	Biostatistics	It should be divided in two semesters & should be taught in detail and more thoroughly, & more from a practical point of view.

**Overall Comment / Suggestions :**

Institute of Pharmacy  
Nirma University

# Feedback by Alumni Member on Curriculum

18-19  
(4)

Name of Alumni	Ronak Pathak	Unique Roll No.	12 MPH110
Email Address	ronakpathak16@gmail.com	Mobile No.	9724341235
Designation & Affiliation	Pyramal Enterprises Ltd. - Sr. Research Associate		

Sr. No.	Curriculum for Program (B.Pharm. / M.Pharm. with Specialization)	Semester	Name of Course	Specific Feedback (Describe your comment or Suggestion for Specific Course)
1)	M.Pharm	NA	Pharmaceutics	• Practical knowledge about Industries Standard
			SA	

**Overall Comment / Suggestions :**

Good initiative for networking

Institute of Pharmacy  
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## Feedback by Alumni Member on Curriculum

Name of Alumni	Divij Shah	Unique Roll No.	06BPH087/10MPH104
Email Address	divij1201@yahoo.co.in	Mobile No.	99258 06402
Designation & Affiliation	EXECUTION-PROGRAM Mgmt. - PIRAMAL HEALTHCARE		

Sr. No.	Curriculum for Program (B.Pharm. / M.Pharm. with Specialization)	Semester	Name of Course	Specific Feedback (Describe your comment or Suggestion for Specific Course)

### Overall Comment / Suggestions :

Course designed for B.Pharm as well as M.Pharm are as per industry standard.

# Feedback by Alumni Member on Curriculum

17-10  
①

Name of Alumni	Mihir Bhatt	Unique Roll No.	11BPH030, ISMCT105
Email Address	bhattmihirsa@gmail.com	Mobile No.	7405482486 9737916163
Designation & Affiliation	Executive Scientist - II Torrent Pharmaceuticals Ltd.		

Sr. No.	Curriculum for Program (B.Pharm. / M.Pharm. with Specialization)	Semester	Name of Course	Specific Feedback (Describe your comment or Suggestion for Specific Course)
1	Pharmacy Pharm.	IV	B. Pharm.	Pharmacology - give practical instrumentation knowledge.

Overall Comment / Suggestions :

# Feedback by Alumni Member on Curriculum

Name of Alumni	Chintan Pansara	Unique Roll No.	12MPH101
Email Address	C_PANSARA@yanso.co.in	Mobile No.	9974145684
Designation & Affiliation	PhD scholar		

Sr. No.	Curriculum for Program (B.Pharm. / M.Pharm. with Specialization)	Semester	Name of Course	Specific Feedback (Describe your comment or Suggestion for Specific Course)
1.	B.Pharm	I	Pharmaceutics-I	Basis should be taught before dosage form design.

Overall Comment / Suggestions :

# Nirma University

Minutes of the Twenty Third meeting of the Area Committee of Pharmacology which was held on 30.01.2017 at 11:00 am (after the meeting of joint area) at Conference Room, Institute of Pharmacy, when following members were present:

1. Prof. (Dr.) Jigna Shah - Chairperson
2. Prof. (Dr.) Anita A Mehta
3. Dr. Anupama Ramkumar
4. Dr. Milan Satia
5. Dr. Shital Panchal
6. Dr. Snehal Patel
7. Dr. Bhoomika M Patel
8. Dr. Shraddha Bhadada
9. Dr. Devang Patel - Invitee
10. Librarian - Invitee

The Chairperson welcomed all the members, thereafter the agenda of the meeting was taken into consideration as under:

Item No.	Particulars
1.	Consideration of confirmation of minutes of the previous meeting held on 09.08.2016.  <b>Resolution:</b> <b>Resolved that the minutes of the previous meeting be confirmed</b> as per Encl- I circulated with the agenda.
2.	Consideration of the note on action taken on the decisions of the previous meeting.  <b>Resolution:</b> <b>Resolved that the note on Action Taken on the decisions of previous meeting held on 09.08.2016 be noted.</b>
3. & 4.	Consideration of making recommendation to the Faculty of Pharmacy with regard to review of curriculum of UG & PG Programmes in Pharmacology area for Semester – I and II as per PCI, to be made effective for the students admitted in the Academic Year 2017-18 and onwards.  <b>Resolution</b> <b>Resolved to recommend to the Faculty of Pharmacy that review of curriculum of UG &amp; PG Programmes in Pharmacology area as per PCI, to be made effective for the students admitted in the Academic Year 2017-18 and onwards, be approved,</b> as per Encl-III&IV circulated with the agenda, for Semester – I only.  It was further resolved to suggestions will be obtained form the faculties, students, and stake holders about the new curriculum and same be forwarded to the PCI. The changes if any received from PCI will be implemented for Semester – II and onwards from the Academic Year – 2017-18.



# Feedback by Alumni Member on Curriculum

Name of Alumni	KEYUR BUTANI	Unique Roll No.	11MPH106
Email Address	kurbutani10@gmail.com	Mobile No.	7874303332
Designation & Affiliation	Astraon (RnD) injectables.		

Sr. No.	Curriculum for Program (B.Pharm. / M.Pharm. with Specialization)	Semester	Name of Course	Specific Feedback (Describe your comment or Suggestion for Specific Course)
1	B. Pharm	VI	Dosage forms II	More emphasis should be given to Pharmacopieal standards for dosage forms evaluation.

Overall Comment / Suggestions :