

Marathwada Mitra Mandal's
College of Pharmacy
Thergaon, Pune-411 033

Action Taken by the University of the Feedback Sent by College

MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY,

THERGAON, PUNE-411 033 (M.S)

Feedback Analysis and Report on Curriculum

The college collected feedback on B. Pharm 2015 pattern curriculum from different Stakeholders such as students, teachers, alumni and employers. The feedback collected was analysed and suggestion were forwarded to IQAC/GC for necessary action as per the table.


Stakeholder	Feedback Response	Action taken on Curriculum response	Action Taken by SPPU, Pune	Action Taken by Institute IQAC / Governing Council
Teachers	➤ Pharmaceutics I (2015 Pattern): Recent information about new techniques to be added in subject	Issue raised communicated to BoS Chairman via Letter Reference no. MM/COP/SPPU/2017-18-326 A Dated: 04/12/2017	-	➤ Recent trends in Formulation are discussed with students using PPTs.
	➤ Pharmaceutical Engineering (2015 Pattern): Unit operations like size reduction, size separation should be included.		➤ Unit operations like size reduction, size separation is included in syllabus	-
	➤ Pharmaceutical Microbiology (2015 Pattern): Cell culture technique should be included in syllabus.		-	➤ Taught Cell culture technique as content beyond syllabus.
	➤ Industrial Industry I (2015 Pattern): Manufacturing schedule M should be in detail.		-	➤ Schedule M is taught in detail to students as content beyond syllabus.
	➤ Advanced drug delivery system (2015 Pattern): Topic related to blood products and hazards associated with parenteral therapy should be included.		➤ Blood products and hazards associated with parenteral therapy is included in syllabus	
	➤ Pharmaceutical analysis II (2015 Pattern): Recent updates regarding instruments of potentiometer, conductometer, polarimeter should be included in syllabus	Issue raised communicated to BoS Chairman via Letter Reference no. MM/COP/SPPU/2017-18-326 B Dated: 04/12/2017	-	➤ Practicals and updates on potentiometer, conductometer, polarimeter are discussed in class with PPTs and videos.




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<ul style="list-style-type: none"> ➤ Pharmaceutical Biochemistry (2015 Pattern): Few experiments for amino acids estimation can be included 		<ul style="list-style-type: none"> ➤ The amino acids estimation experiments were included in the syllabus 	
<ul style="list-style-type: none"> ➤ Pharmaceutical analysis III (2015 Pattern): updates regarding softwares used for method development like DOE, QbD Approach. Recent updated information 		-	<ul style="list-style-type: none"> ➤ Demonstration video of DoE and QbD softwares to students are shown
<ul style="list-style-type: none"> ➤ Pharmaceutical Analysis V (2015 Pattern): The syllabus of the contains repeated topics in Pharmaceutical Analysis V and Pharmaceutical Analysis VI 	<p>Issue raised communicated to BoS Chairman via Letter Reference no. MM/COP/SPPU/2017-18-548-A Dated: 27/06/2018</p>	<ul style="list-style-type: none"> ➤ The syllabus containing SEM repeated topics was revised & uploaded on university website for both PA-V and PA-VI 	
<ul style="list-style-type: none"> ➤ Medicinal chemistry III (2015 Pattern): specific case study should be included synthesis schemes of new drug for studying of recent research can be discuss 		-	<ul style="list-style-type: none"> ➤ Few new drug synthesis from recent research papers were discussed.
<ul style="list-style-type: none"> ➤ Analytical Pharmacognosy and extraction Technology (2015 Pattern): Recent industrial technique used for extraction are not incorporated. Recent advancements in the herbal drug analysis are not incorporated. 	<p>Issue raised communicated to BoS Chairman via Letter Reference no. MM/COP/SPPU/2017-18-326-C Dated: 04/12/2017</p>		<ul style="list-style-type: none"> ➤ Research articles regarding recent industrial technique used for extraction are discussed with students
<ul style="list-style-type: none"> ➤ Natural Products Commerce, Industry and Regulations (2015 Pattern): Study of herbal Industry functioning and processing is to be added. 			<ul style="list-style-type: none"> ➤ Taught this point by adding the information in PPTs




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Students Teachers Employers Alumni	<ul style="list-style-type: none"> ➤ The volume of syllabus is balanced between theory and practicals ➤ The practical components develops conceptual understanding. 			<ul style="list-style-type: none"> ➤ The in-continuous assessment were planned to correlate their concept into practical applicability.
	<ul style="list-style-type: none"> ➤ Recent developments viz. CADD, Molecular docking, HPTLC is included in theory. ➤ QAT course on the recent trends added to theory course, but also demands practical applicability. ➤ Final. Y. B. Pharm course contained repeated topics. 			<ul style="list-style-type: none"> ➤ To support theoretical concepts with Practical demonstration video of newer techniques was included in teaching and learning. ➤ The Head of the Department forwarded the issue to BoS committee for consideration.
	<ul style="list-style-type: none"> ➤ Development of soft skills of students is good. ➤ Improvement needed in participation and team work more effectively. 			<ul style="list-style-type: none"> ➤ Various lecture series on communications skills and training were conducted.
	<ul style="list-style-type: none"> ➤ The in-continuous assessment method included; motivates depth learning and encourage self learning. 			<ul style="list-style-type: none"> ➤ Students are exposed to recent development through creative assignments.

Conclusion: Thus the feedback given by the stakeholders were useful in improvising the curriculum implementation as per the expectations of the stakeholders.




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THERGAON, PUNE-411 033 (M.S)

Feedback Analysis and Report on Curriculum

The college collected feedback on B. Pharm 2018 & 2019 pattern and M. Pharm 2018 & 2019 pattern curriculum from different Stakeholders such as students, teachers, alumni and employers. The feedback collected was analysed and suggestion were forwarded to IQAC/GC for necessary action as per the table.

Stakeholder	Feedback Response	Action taken on Curriculum response	Action Taken by SPPU, Pune	Action Taken by Institute IQAC / Governing Council
Teachers	➤ Pharmaceutical Engineering (S.Y.B.Pharm 2018 Pattern): Topic of crystallization should be include	Issue raised communicated to BoS Chairman via Letter Reference no. MM/COP/SPPU/2019-20-495 A Dated: 02/03/2020	-	➤ Practical on crystallization are added into journal and explained to students
	➤ Pharmaceutical Microbiology S.Y.B.Pharm 2018 Pattern): Production of vaccine quality control of vaccine and sera should be included in syllabus.		-	➤ Taken extra lecture and taught the topic of production of vaccine and sera as content beyond syllabus using PPT presentation.
	➤ Pharmaceutical Analysis I (F.Y.B.Pharm 2018 Pattern): The syllabus is vast with some topics repetition in Inorganic Chemistry	Issue raised communicated to BoS Chairman via Letter Reference no. MM/COP/SPPU/2019-20-495 B Dated 02/03/2020	➤ Common topics like Limit Test were revised and removed from PA-I syllabus in 2019 pattern syllabus revision	-
	➤ Pharmaceutical Inorganic (F.Y.B.Pharm 2018 Pattern): Radiopharmaceutics at F. Y. level is difficult however, basic of radioisotopes is covered in lower standards.		-	➤ Basics of radiopharmaceuticals with their pharmaceutical applications was discussed through presentation and video.
	➤ Biochemistry (F.Y.B.Pharm 2018 Pattern): Few experiments on amino acid estimation can be added. Few bioassays can be included, vitamins are not studied in the entire B. Pharm course, so it should be added		Bioassays of some major enzymes are added in the revised syllabus	-



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Students Teachers Employers Alumni	<ul style="list-style-type: none"> ➤ The syllabus is updated with recent developments ➤ The credit based pattern evaluation system is too tedious with ongoing exam every week 			<ul style="list-style-type: none"> ➤ Assignment were given to inculcate recent trend in pharmacy ➤ Creative assignments were designed to develop lifelong learning skills
	<ul style="list-style-type: none"> ➤ Syllabus is vast and combined with basics and recent development in pharmacy, ➤ The in-continuous assessment helped B. Pharm. students to orient towards research activities ➤ The new credit based pattern contains in-continuous assessment which helps PG students to develop practical skill require for employability. 			<ul style="list-style-type: none"> ➤ To understand recent developments video presentations and guest lectures were conducted ➤ Students were exposed ad-on courses viz. Care, handling and use of small laboratory animals. ➤ The assessment viz. seminar presentation, journal clubs etc. were included.
	<ul style="list-style-type: none"> ➤ Syllabus develops problem solving ability & professional ethics. 			<ul style="list-style-type: none"> ➤ Students were exposed to different ad-on courses and PG students were involved in activity based learning viz. journal club, seminar
	<ul style="list-style-type: none"> ➤ The courses taught are relevant for career development ➤ The basic knowledge & pre-requisites give encouragement for self-learning 			<ul style="list-style-type: none"> ➤ The course were enriched with guest lectures and training program ➤ Creative assignments were planned for each course.

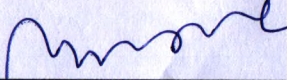
Conclusion: Thus the feedback given by the stakeholders were useful in improvising the curriculum implementation as per the expectations of the stakeholders.



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<p>➤ Human Anatomy and Physiology-II (F.Y.B.Pharm 2018 Pattern): Nervous System” Unit is not in continuous with peripheral nervous system in Human Anatomy and Physiology-I. This topic should be shifted.</p>	<p>Issue raised communicated to BoS Chairman via Letter Reference no. MM/COP/SPPU/2019-20-495 C Dated 02/03/2020</p>		<p>➤ CNS knowledge was brush-up before teaching ANS and vice-versa</p>
<p>➤ Drug Delivery System (M.Pharm 2019 Pattern): development in nanoparticulate drug delivery system should be included</p>	<p>Issue raised communicated to BoS Chairman via Letter Reference no. MM/COP/SPPU/2019-20-495 D Dated 02/03/2020</p>		<p>➤ Additional lectures on nanoparticulate drug delivery was conducted</p>
<p>➤ Regulatory Affairs (M.Pharm 2019 Pattern): Focus should be given on latest details of the subject with some case studies.</p>			<p>➤ Discussed on compulsory licencing topic and case studies are</p>
<p>➤ Computer aided Drug Delivery System (M.Pharm 2019 Pattern): Practical for this subject should be included</p>			<p>Minitab, kinetica, design expert software should be purchased as per requirement.</p>
<p>➤ Quality Management Systems (M.Pharm 2019 Pattern): Practicals can be added based on (PQA) QbD in pharmaceutical quality assurance</p>			<p>➤ Demonstration experiments for explaining QbD was conducted.</p>
<p>➤ Advanced Pharmacognosy (M.Pharm 2019 Pattern): Pharmacovigilance of drugs of natural origin and more phytopharmaceuticals should be included in syllabus.</p>	<p>Issue raised communicated to BoS Chairman via Letter Reference no. MM/COP/SPPU/2019-20-495 E Dated 02/03/2020</p>		<p>➤ Discuss Pharmacovigilance additional phytopharmaceuticals</p>
<p>➤ Industrial Pharmacognostical Technology (M.Pharm 2019 Pattern): Innovation, incubation and industrial development of natural origin should be included in details</p>			<p>➤ Conducted extra lectures for to discuss this topic.</p>




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