

**BHUJBAL KNOWLEDGE CITY,
MET'S INSTITUTE OF PHARMACY,
ADGOAN, NASHIK**

**REPORT FOR
FEEDBACK AND ACTION TAKEN
ON
REVIEW OF SYLLABUS**

MET's Institute of Pharmacy Bhujbal Knowledge city Nashik is self-financing institute permanently affiliated to SPPU, Pune and follows curriculum prescribed by Savitribai Phule Pune University, Pune. The curriculum is enriched by taking into consideration the need base assessment, demand of society, suggestions from stakeholders and guidelines of regulatory bodies.

In order to bridge the gap in between curriculum designed and industrial requirements, we have identified curricular gaps by taking feedback from different stakeholders on following points:

1	Syllabus Effectiveness in terms of content, knowledge, etc.
2	Problem solving ability through syllabus
3	Industrial orientation of syllabus in perspective of technical, regulatory, analytical, etc.
4	Practical skills development and knowledge gain through experiments in laboratory
5	Syllabus effectiveness for personality development in terms of soft skill, professional etiquettes, communication skill, etc.
	Suggestions on content beyond syllabus

1. Students (40):

S. N.	Parameters	Good	Average	Need Improvement
1	Syllabus Effectiveness in terms of content, knowledge, etc.	31	9	-
2	Problem solving ability through syllabus	25	10	5
3	Industrial orientation of syllabus in perspective of technical, regulatory, analytical, etc.	23	8	9

4	Practical skills development and knowledge gain through experiments in laboratory	32	7	1
5	Syllabus effectiveness for personality development in terms of soft skill, professional etiquettes, communication skill, etc.	27	13	-

Suggestions:

SN	Suggestion	Action taken
1	Students suggested to include guidance lectures on post-graduation after B. Pharm other than M. Pharm	Career guidance lectures arranged by Pharmax, alumni, etc.
2	Students asked to include grooming sessions throughout the year	Grooming sessions were arranged by placement and training department
3	Training for instruments	Course on <i>Hands-on Training Program on HPLC, UPLC & LC MS</i> has been started
4	Sessions on communication skill	Separate two days training was arranged for students on professional and communication skill

- Guest lectures by industry persons
- Problem based learning by teachers during regular lectures and practicals and also included in sessional question papers

2. Alumni (20):

S. N.	Parameters	Good	Average	Need Improvement
1	Syllabus Effectiveness in terms of content, knowledge, etc.	21	-	-
2	Problem solving ability through syllabus	20	-	1
3	Industrial orientation of syllabus in perspective of technical, regulatory, analytical, etc.	19	2	-

4	Practical skills development and knowledge gain through experiments in laboratory	18	2	1
5	Syllabus effectiveness for personality development in terms of soft skill, professional etiquettes, communication skill, etc.	18	-	3

Suggestions:

SN	Suggestion	Action taken
1	Scientific communication and technical writing	Students are guided by staff

3. Teachers (15):

S. N.	Parameters	Good	Average	Need Improvement
1	Syllabus Effectiveness in terms of content, knowledge, etc.	23	-	1
2	Problem solving ability through syllabus	15	9	-
3	Industrial orientation of syllabus in perspective of technical, regulatory, analytical, etc.	15	9	-
4	Practical skills development and knowledge gain through experiments in laboratory	22	2	-
5	Syllabus effectiveness for personality development in terms of soft skill, professional etiquettes, communication skill, etc.	16	8	-

Suggestions:

SN	Suggestion	Action taken
1	Session on Recent developments in herbal industry	In association with SPPU University institute has organized One Day State Level Seminar on 'Industrial

		Perspectives of Natural Product Formulations'
2	Session on Formulation and development of herbal products	In association with SPPU University institute has organized One Day State Level Seminar on 'Industrial Perspectives of Natural Product Formulations'
3	Computer aided drug design assays of drugs is to be added in curriculum	-
4	Improvement in industrial orientation of syllabus	-
5	Feasibility of medicinal chemistry experiments is to be checked	-
6	Molecular biology of receptors GABA receptors is to added in curriculum	Topic was covered as content beyond syllabus
7	Credit based year pattern is to be preferred	-
8	Details of pharmacovigilance can be included in curriculum	Certificate course in Pharmacovigilance is started
9	Rational pharmacotherapeutics can be included in curriculum	Topic was covered as content beyond syllabus
10	Case studies and problem based learning can be included as a part of continuous assessment	-

Few of our staff members also have attended syllabus revision and orientation workshops and suggested modifications in theory topics and experiments.

A. Curriculum Revision:

S. N.	Name of staff	Date	Details	Suggestion given	Implementation Yes/No	Subject/ Dept
1	Dr. Nilima Thombre	23/04/2015	Workshop for syllabus revision of B Pharm V to VIII sem	Ophthalmic Products	Yes	Sterile Products

		23/04/2015	Workshop for syllabus revision of Pharm V to VIII sem	Non-linear Pharmacokinetics	Yes	Bio-Pharm & Pharmacokinetics
		20/02/2013	Workshop for syllabus revision of Pharm I to II	-	-	Pharmaceutics
2	Dr. Sandeep Sonawane	25/02/2013	Workshop for syllabus revision of Pharm (Pattern 2013)	-	-	Pharmaceutical Chemistry

B. Curriculum Orientation

S. N.	Name of staff	Date	Details	Suggestion given	Implementation Yes/No	Subject/Dept
1	Dr. Sunita Surse	23/01/2016	orientation workshop on the subject "Natural Product Chemistry" (SEM-VI)	-	-	Pharmacognosy
		21/07/2016	Syllabus Orientation Programme" for Sem-VII (Natural	1)Project report by students	1) It can be implanted at Institute level	Pharmacognosy

			Drug Technology) and Sem- VIII (Natural Products: Commerce, Industry and Regulations	2)Mark distribution for Topics	2)Syllabus revised accordingly	
2	Mr. Sushil Patil	14/03/2014	Syllabus Orientation Programme for Sem-III & IV, Pattern 2013	-	-	Pharmaceutical Chemistry
3	Dr. Pavan Udavant	31/08/2011	Syllabus Orientation Programme for Final year B.Pharm 2008 Pattern (Pharmacology)	-	-	Pharmacology

4. Employer (13):

S. N.	Parameters	Good	Average	Need Improvement
1	Syllabus Effectiveness in terms of content, knowledge, etc.	10	2	1
2	Problem solving ability through syllabus	7	4	2
3	Industrial orientation of syllabus in perspective of technical, regulatory, analytical, etc.	5	4	4

4	Practical skills development and knowledge gain through experiments in laboratory	4	4	5
5	Syllabus effectiveness for personality development in terms of soft skill, professional etiquettes, communication skill, etc.	6	4	3

Suggestions:

SN	Suggestion	Action taken
1	Include IT enabling system awareness to students	Course on <i>Hands-on Training Program on HPLC, UPLC & LC MS</i> has been started
2	Hands on training for latest instruments	Certificate course for Hands-on Training Program on HPLC
3	Industry oriented syllabus	-
4	Quality control aspects and quality assurance should be separate subjects from beginning	-
	Pharma marketing concepts Strategies for brand building, regulatory and patent related matters can be included	Course on Intellectual Property rights has been started since academic year 2015-16
	Focus on practical and soft skills development	Sessions were arranged on soft skill development on 3 rd and 4 th Feb 2018

- Our Institute has communicated Mr. Ajay Khopade, Vice President R&D, from Sun Pharma for suggestions on syllabus revision of Third year and Final year B. Pharm 2013 Semester pattern curriculum. The suggestions given by him was discussed during session on revision of syllabus to University Syllabus Revision committee meeting by our staff member.

5. Professionals (11):

S. N.	Parameters	Good	Average	Need Improvement
1	Syllabus Effectiveness in terms of content, knowledge, etc.	3	6	2

2	Problem solving ability through syllabus	3	8	-
3	Industrial orientation of syllabus in perspective of technical, regulatory, analytical, etc.	3	3	5
4	Practical skills development and knowledge gain through experiments in laboratory	3	5	3
5	Syllabus effectiveness for personality development in terms of soft skill, professional etiquettes, communication skill, etc.	3	5	3

Suggestions:

SN	Suggestion	Action taken
1	Industrial visits can be arranged with feedback from students	Institute has arranged industrial visits to Dr. Vasantao Pawar Medical College Hospital on 09/04/2019, Scitech Specialities Pvt. Ltd. Musalgaon, Sinnar on 17/07/2018 & 18/07/2019, Vadivarhe Speciality Chemicals Ltd. Vadivarhe, Igatpuri on 23/08/2018 and Sahyadri Farm on 02/03/2019. Feedbacks collected from them.
2	Students should acquire knowledge of formulation of drugs	Few third year B. Pharm students completed research projects of formulation during UG research competition MET-Rxplare conducted on 09/02/2019
3	Industrial projects can be conducted	Few of M.Pharm students completed industrial projects
4	Community and Hospital Pharmacy, patient counselling should be given practical approach	-

Institute is conducting expert guest lectures, industrial visits, grooming sessions, projects, etc. to meet the gap between university framed syllabus and industry expectations



[Handwritten Signature]
Principal

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