

**PUNE DISTRICT EDUCATION ASSOCIATION'S
SETH GOVIND RAGHUNATH SABLE COLLEGE OF PHARMACY, SASWAD**



Suggestions by different stakeholders on Curriculum of 2015 syllabus

Sr. No	Department	Class & Subject	Semester	Suggestions
1	Pharmaceutical Chemistry	F. Y. B. Pharm Pharmaceutical Inorganic Chemistry	Sem-I	Inorganic chemistry syllabus is vast and placed in 6 months tenure which is difficult for first year student to digest.
		S. Y. B. Pharm Pharmaceutical Organic Chemistry-III	Sem-III	Stereochemistry unit is very vast topic it requires more hours to complete. Divide it into the two parts
2	Pharmacology	F. Y. B. Pharm Human Anatomy and Physiology	Sem-I	Human Anatomy and Physiology-I contents are more and difficult for first year level students
			Sem-II	Human Anatomy and Physiology-I contents are more and difficult for first year level students
3	Pharmaceutics	Final B. Pharm Biopharmaceutics and Pharmacokinetics	Sem-I	The subject covers only theoretical aspects. The practicals if included definitely enhance the cognizant domains of the students
		Pharmaceutics	Sem-I	Some topics are repeated in Pharmaceutics subject.
		S. Y. B. Pharm Physical Pharmaceutics	Sem-III	In Physical Pharmaceutics, topics related to pH and buffers should be included.

P. Schavon
PRINCIPAL

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Suggestions by different stakeholders on Curriculum of 2018 syllabus

Sr. No	Department	Class & Subject	Semester	Suggestions
1	Pharmaceutical Chemistry	T. Y. B. Pharm Pharmaceutical Analysis-IV	Sem-VI	Prescribed hours for Pharmaceutical Analysis-IV are not sufficient. Prescribed hours for planar chromatography should be increases in pharmaceutical analysis-IV of third year B. Pharm.
2	Pharmacology	F. Y. B. Pharm Human Anatomy and Physiology	Sem-I	Contents of HAP I & HAP II are interchanged.
		S. Y. B. Pharm Pathophysiology and Clinical Biochemistry	Sem-III	Pathophysiology subject can be included for SYB.Pharm Sem III Students instead of FY B.Pharm. Pathophysiology contents are difficult to understand in the First year
3	Pharmaceutics	Final B. Pharm Biopharmaceutics and Pharmacokinetics	Sem-I	The subject covers only theoretical aspects. The practicals if included definitely enhance the cognizant domains of the students
		Pharmaceutics	Sem-I	There are many non-university subjects in first year B. Pharm. Few subjects can be shifted to second year B. Pharm.
		Pharmaceutical Engineering S.Y.B.Pharm	Sem III	Practical Component should be there for Pharmaceutical Engineering subject

P. Chavhan

PRINCIPAL

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Suggestions by different stakeholders on Curriculum of 2019 syllabus

Sr. No	Department	Class & Subject	Semester	Suggestions
1	Pharmaceutical Chemistry	S. Y. B. Pharm Pharmaceutical Organic Chemistry	(Sem-II)	<ul style="list-style-type: none"> • Add atomic and molecular orbitals in Alkanes, Alkenes and Conjugated dienes and Hoffman orientation in Unit-I • Add SN-I reaction, Add Elimination versus Substitution in Unit-II • Add reactivity of aldehydes and ketones towards nucleophile in Unit-III • Add Anhydride and acid chloride in Unit-IV • Unit -V contents should at the beginning. • Add introduction to principles of chemical test. • Practical: Add calibration of thermometer. • Construction of molecular models should be elaborated as Molecular models of structural isomers.
			Sem- III	<ul style="list-style-type: none"> • Unit-I: Add nucleophilic substitution to aryl carbon atom. • Practical: Add demonstration of simple distillation. • Add qualitative analysis of binary mixtures (solid- solid) Add quantitative analysis of carbonyl compounds(Aldehyde/Ketone), ester, amide, phenols, alcohol, and amines.
			Sem-IV	<ul style="list-style-type: none"> • Add chirality in Unit-I • In Unit-V: Add conformations of mono and disubstituted cyclohexane. Add conformations of decalin. Add Baeyer-Villiger oxidation, Wagner Meerwein rearrangements, Pinacol-Pinacolone rearrangement, Curtius, Lossen, Hofmann rearrangement, Benzilic acid

P. Chavan

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				rearrangement, Fries & Claisen rearrangement. Add introduction to pericyclic reactions. Add chemistry of carbohydrates Nanochemistry & Microwave assisted Synthesis. Add Retro-synthesis
		Final B. Pharm Medicinal Chemistry-III & IV	Sem-VII & VIII	<ul style="list-style-type: none"> Theory subjects and practical are not correlating. Include the related practical for respective semesters.
		M. Pharm Advanced Organic Chemistry - I	Sem-I	<ul style="list-style-type: none"> Subject specialization and MPAT (Modern Pharmaceutical Analytical Techniques) practicals should be separate.
2	Pharmacology	S. Y. B. Pharm Pathophysiology and Clinical Biochemistry	Sem-II	<ul style="list-style-type: none"> Pathophysiology of Sem II subject Pathophysiology can be shifted to Sem III for the ease of understanding
		M. Pharm Advanced Pharmacology - I	Sem-I	<ul style="list-style-type: none"> PG Practical syllabus of pharmacology is very vast.
3	Pharmaceutics	F.Y.B.Pharm	Sem -I	<ul style="list-style-type: none"> There are many non-university subjects in first year B. Pharm. Few subjects can be shifted to second year B. Pharm