



ANJUMAN-I-ISLAM'S

KALSEKAR TECHNICAL CAMPUS, NEW PANVEL

Approved by : All India Council for Technical Education, Council of Architecture, Pharmacy Council of India New Delhi,
Recognised by : Directorate of Technical Education, Govt. of Maharashtra, Affiliated to : University of Mumbai.

- SCHOOL OF ENGINEERING & TECHNOLOGY
- SCHOOL OF PHARMACY
- SCHOOL OF ARCHITECTURE

Faculty Inputs on University of Mumbai, Bachelor in Pharmacy (B.Pharm)

Syllabus :- 2023-24

In alignment with NAAC Criteria 1, feedback on the syllabus was solicited from the faculty for the academic year 2023-24. This report summarizes the inputs provided by the faculty concerning the design and review of the syllabus, with a particular emphasis on the examination scheme, course content, industry relevance, and overall curriculum structure. The key suggestions were forwarded to the school leadership for further consideration. The aim is to enhance the curriculum to better meet industry standards, incorporate recent advancements, and address educational gaps. The inputs have been categorized into suggestions for the design and review of the syllabus and suggestions for courses to be added. Feedback was collected from faculty members through Google Forms.

KEY ELEMENTS :-

1. Suggestions for Design and Review of Syllabus

- Incorporation of Recent FDA-Approved Drugs: It was suggested to add topics on recently FDA-approved drugs within the pharmacology course.
- WHO Global Health Days and Campaigns: Introducing the celebration of various WHO global health days and campaigns to the curriculum.
- Examination Scheme Adjustments: There was a recommendation to skip the MCQ pattern for courses related to chemical safety, food chemistry and regulations, retrosynthesis, and sustainable drug synthesis.
- Personalized Medicine: Including topics related to personalized medicine to keep up with current trends in the field.



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2. Review of Designed Syllabus Examination Scheme and Missing Courses

The faculty identified potential gaps in the current syllabus and proposed the inclusion of new courses to address these areas:

- **Entrepreneurship and Innovation in Pharma:** Introducing a course on entrepreneurship and innovation in the pharmaceutical sector.
- **Personality Development:** Adding a course focused on personality development for students.
- **Introduction to Retrosynthesis:** Including a course on retrosynthesis to deepen students' understanding of chemical processes.
- **Internships:** Encouraging internships across various pharmaceutical sectors to provide practical experience. If possible, provide industry exposure on live projects.
- **AI & Data Analytics:** Given the importance of AI in healthcare, course can be designed on applications of AI in healthcare incorporating Data analytics

(Prof. Prerana Sanas)
CTIF Coordinator, SOP

(Dr. Shariq Syed)
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