

**Action taken Report on Students' Feedback on curriculum 2023-24**

**M. Pharm Sem I and Sem II**

**1. Overall understanding of the subject**

**Action taken:** The overall understanding of the subject was indicated 'excellent' by QA department students, while 'excellent', 'very good' and 'good' by students of the pharmaceuticals department. Additionally, to enhance understanding of the subject, teachers used videos, ppts and animations.

**2. Applicability/relevance to real life situations**

**Action taken:** Students of both departments indicated 'excellent', 'very good' and 'good' for 'Applicability/relevance to real life situations'. Here, teachers correlated theoretical concepts by simulating with simple examples to real life situations.

**3. Theoretical concepts of syllabus supported by Practical/Experiments**

**Action taken:** Students marked 'excellent', 'very good' and 'good' which indicated that theoretical concepts of syllabus were supported by performing practical. Moreover, teachers amalgamated practical and theory hand-in-hand by utilizing sophisticated equipment to ease the concept.

**4. Study material availability is adequate**

**Action taken:** Students are provided with reference and text books, e-books, videos links and Google classroom, which appeared in students' feedback as 'excellent', 'very good' and 'good'.

**5. Does the subject instills creativity**

**Action taken:** Students marked 'excellent', 'very good' and 'good' for 'Does the subject instills creativity'. Teachers used videos and animations for visual understanding to instill creativity and interest in the subject. Additionally, teachers explained relevant research papers.

**Action taken Report on Students' Feedback on curriculum 2023-24**

**B. Pharm Sem I and Sem II**

**1. Overall understanding of the subject**

**Action taken:** Students marked 'excellent', 'very good', 'good' 'satisfactory' for 'overall understanding of the subject'. Theoretical subjects are made easy to understand by teaching the subject in simple language and by supporting with models and charts.

**2. Applicability/relevance to real life situations**

**Action taken:** Students indicated 'excellent', 'very good', 'good' and 'satisfactory' for the above point. Teachers correlated topics with daily life and explained the applicability with real life situations so as to get life-long learnings.

**3. Theoretical concepts of syllabus supported by Practical/Experiments**

**Action taken:** Teachers made efforts to correlate theoretical concepts of syllabus by practical, which resulted in feedback as 'excellent', 'very good' and 'good'. Furthermore, teachers made theoretical concepts interesting by showing them videos and animations.

**4. Study material availability is adequate**

**Action taken:** The adequacy of study material is marked as 'excellent', 'very good' and 'good'. Students are provided with book banks, e-books, videos links, and uploading teaching material on MOODLE.

**5. Does the subject instills creativity**

**Action taken:** The 'excellent', 'very good' and 'good' feedback assured that the subject instilled creativity in the students. However, efforts are taken to instill creativity by use of models, videos, animations by the subject teachers.

**Action taken Report on Students' Feedback on curriculum 2023-24**

**B. Pharm Sem III and Sem IV**

**1. Overall understanding of the subject**

**Action taken:** Students marked 'excellent' for both semesters, and also 'very good' and 'good' which confirmed overall understanding of the subject. However, some theoretical subjects such as physical pharmaceutics and pharmaceutical organic chemistry are made easy to understand by teaching the subject in simple language and supported by practical experiments.

**2. Applicability/relevance to real life situations**

**Action taken:** Here, to relate the subject with real life situations, teachers used daily life examples correlating to theoretical concepts and made the topic easy. Students marked 'excellent', 'very good' and 'good' for the question 'Applicability/relevance to real life situations'.

**3. Theoretical concepts of syllabus supported by Practical/Experiments**

**Action taken:** Students marked 'very good' and 'good' 'satisfactory' for 'Theoretical concepts of syllabus supported by Practical/Experiments'. Practicals are made interesting by combining them hand-in-hand with theoretical concepts as well as by the use of sophisticated instruments and showing them videos and animations.

**4. Study material availability is adequate**

**Action taken:** Students marked 'excellent', 'very good' and 'good' as students are having access to libraries rich in reference and textbooks, e-books, e-material, videos links, use of Google classroom and uploaded teaching material on MOODLE.

**5. Does the subject instills creativity**

**Action taken:** Students answered 'excellent', 'very good' and 'good' to the question 'Does the subject instill creativity'. Moreover, some theoretical subjects are made interesting by teachers by showing videos and animations.

**Action taken Report on Students' Feedback on curriculum 2023-24**

**B. Pharm Sem V and Sem VI**

**1. Overall understanding of the subject**

**Action taken:** Students indicated 'excellent', 'very good' and 'good' for 'overall understanding of the subject'. Theoretical subjects are supported by practical knowledge and made easy to understand in simple and lucid language.

**2. Applicability/relevance to real life situations**

**Action taken:** Students marked 'excellent', 'very good' and 'good' for 'Applicability/relevance to real life situations'. Teachers used daily life examples correlating to theoretical concepts and simulated the subject relevant to real life situations. Teachers attended Faculty Development program, seminars and webinars to update and disseminate that knowledge to students.

**3. Theoretical concepts of syllabus supported by Practical/Experiments**

**Action taken:** Students indicated 'excellent', 'very good' and 'good' for 'Theoretical concepts of syllabus supported by Practical/Experiments'. Additionally, teachers conducted theory and practical experiments hand-in-hand to ease the theoretical concepts.

**4. Study material availability is adequate**

**Action taken:** Students responded 'excellent', 'very good' and 'good' for availability of study material. Students are provided with access to the reference books, journals, e-books, e-material available at the library, and also provided with videos, uploaded teaching material on MOODLE.

**5. Does the subject instills creativity**

**Action taken:** Students reacted 'excellent', 'very good' and 'good' to the question 'Does the subject instill creativity'. Moreover, subject teachers made the subjects interesting by showing videos, animations, models, and charts as well as conducting practical and experiments hand-in-hand to ease the theoretical concept.

**Action taken Report on Students' Feedback on curriculum 2023-24**

**Students' feedback: B. Pharm Sem VII and Sem VIII**

**1. Overall understanding of the subject**

**Action taken:** Students responded 'excellent', 'very good' and 'good' for 'overall understanding of the subject'. Theoretical subjects are made easy to understand by teaching the subject in simple language with more daily practical applications.

**2. Applicability/relevance to real life situations**

**Action taken:** Students indicated 'excellent', 'very good' and 'good' for 'Applicability/relevance to real life situations'. To make the subject relevant to real life situations, teachers used daily life examples correlating to theoretical concepts that helped them to acquire life-long learnings.

**3. Theoretical concepts of syllabus supported by Practical/Experiments**

**Action taken:** Students marked 'excellent', 'very good' and 'good' for 'Theoretical concepts of syllabus supported by Practical/Experiments'. Additionally, teachers made a combination of theory and practical to go hand-in-hand and used videos and animations to ease the concept.

**4. Study material availability is adequate**

**Action taken:** Students are provided with books, journals, e-books, e-journals, e-materials, videos, uploaded teaching material on MOODLE, Google classroom, hence, students responded 'excellent', 'very good' to the question positively.

**5. Does the subject instills creativity**

**Action taken:** Teachers took effort to make the subject interesting by showing videos, animations, models and charts, which resulted in 'excellent', 'very good' and 'good' responses to the question 'Does the subject instill creativity'.

**Action taken Report on Teachers' Feedback on curriculum 2023-24**

**1: Depth of course contents**

**Action taken:** Teachers allotted to courses of B. Pharm semester I to VIII, M. Pharm semester I and II indicated 'excellent' and 'very good'. Depth of course content is good. However, some topics which are considered as 'must be included' in the syllabus are taught by teachers as 'content beyond syllabus'.

**2: Recent advances in course are covered/Not**

**Action Taken:** Semester I, II, III and IV courses such as HAP I & II, POC I, Biochemistry, pathophysiology, physical pharmaceutics, instrumental methods of analysis which are basic and core subjects did not have recent advances. However, teachers provided extra information considering the recent advancements in these courses.

**3: Applicability/relevance to real life situations**

**Action Taken:** Teachers of B. Pharm semester I, III, V, VII and M. Pharm semester-I marked Very Good and Good because some core courses such as pharmaceutical analysis, pharmaceutical organic chemistry, medicinal chemistry, instrumental method of analysis were not related to real life situations.

**4: Does the course instills creativity**

**Action Taken:** Institute follows the curriculum designed by SPPU, wherein, institute does not have authority to make changes. However, to fulfill this gap, the institute conducted various competitions that helped to encourage and create interest amongst students such as poster presentations, participation in National Pharmacy Week, various NSS activities where students show-case their ideas and creativity. Students were motivated to participate in various competitions at national and international forums to inculcate creativity and innovative ideas to them. Students created you -tube videos which really showed their innovativeness towards performing experiments.

**5: Does the course address about human/social values, professional ethics**

**Action Taken:** Basic and core subjects such as computer applications, pharmaceutical organic chemistry and medicinal chemistry did not inculcate human/social values, professional ethics. However, the institute addressed human/social values by forming an anti-ragging committee chaired by senior faculty of the institute which is composed of both faculty and student

representatives to avoid any undue incidences of ragging either in the institute. Thus, human values are inculcated in students. Students participated at various National Service Scheme (NSS) activities to support the society, which creates awareness and instills human and social values. Institute organized 'Yoga and Meditation' to cope with stress. Students attended various seminars and webinars to adapt to normal life after the stressful COVID 19 pandemic. Institute organized 'World Pharmacist Day', conducted an 'Ad-Mad competition' and arranged a rally and street play on 'Tuberculosis Awareness' to spread the awareness of different government schemes for TB patients. Apart from all these activities, through value added certificate courses professional development of students is carried out as follows: Certificate courses 'Pharmacovigilance' 'Clinical Research' and 'Personality and Soft Skill Development' inculcate professional ethics such as thinking ability, group discussions, creativity, innovation, personality and soft skills, teamwork, leadership, administration, time management, communication skills and interview skills, dynamic personality and with a good set of attitude and transferable and life skills to meet the global standards, skills needed for entrepreneurship.

**Action taken Report on Alumni Feedback on curriculum 2023-24**

The following action has been taken by the institution based on the report of analysis which was collected from alumni.

**1. Applicability/relevance to real life situation:**

**Action taken:** The basic and core subjects lack the relevance of curriculum to real life situations. However, this gap in the curriculum is bridged by teachers by providing situations related to real life.

**2. Theoretical concepts of syllabus supported by Practical/experiments:**

**Action taken:** Institute is affiliated to SPPU and hence follows the curriculum designed by SPPU, wherein, some of the courses do not have practical related to theoretical concepts. This lacuna has been overcome by teachers by utilizing videos, presentations, animations during their regular teaching. However, teachers supported the theoretical concept with models and videos.

**3. Does the course address about human/social values, professional ethics:**

**Action taken:** The human, social values and professional ethics are addressed by the institute by following action: by organizing a program on 'World Pharmacist Day', Pharma-rally and street play on 'Tuberculosis Awareness'. Additionally, human and social values are inculcated in students as follows; participation of students at various National Service Scheme (NSS) activities to support the society. Institute organized 'Yoga and Meditation' to cope with stress.

**4. Development in competency and leadership quality:**

**Action taken:** The institute organizes a certificate course on 'Personality and Soft Skill Development' that helps students to develop competency and leadership qualities that help them to improve their interview skills. Additionally, the institute motivates students to participate in various poster and paper presentations competitions at National and international level such as National Pharmacy week and CRS conference to sharpen their presentation skill sets.



**Action taken Report on Employers Feedback on curriculum on curriculum 2023-24**

The following action has been taken by the institution based on the report of analysis which was collected from employers.

**1. Applicability/relevance to real life situation:**

**Action taken:** Employers responded 'excellent' and 'very good'. The basic and core subjects lack the relevance of curriculum to real life situations. However, the gap in the curriculum is covered by teachers by providing various examples and situations related to real life.

**2. Curriculum inculcates innovative ideas:**

**Action taken:** Employers responded 'excellent' and largely to the 'very good' criteria. Institute follows the curriculum designed by SPPU, wherein, institute does not have authority to make changes in the portion. However, the institute conducted various competitions such as poster presentations and model-making competitions, where students show-case their ideas and creativity. Students were motivated to participate in various competitions at national and international forums to inculcate creativity and innovative ideas. Students prepared you-tube videos which really showed their innovativeness towards performing experiments.

**3. Curriculum helps in developing a skilled employee:**

**Action taken:** The institute organizes a value-added certificate course on 'Personality and Soft Skill Development' that helps students to develop competency and leadership qualities that help them to improve their interview skills. Additionally, the institute conducts value-added certificate courses such as 'Recent Trend in Pharmaceutical Technology' that help to sharpen their practical and software-handling skill-sets.

**4. Syllabus applies to current competency level:**

**Action taken:** Institute take continuous efforts to enhance competency level of students by organizing value-added certificate courses such as 'personality and soft skill development' that helps students to improve their personality and interview skills; 'Recent Trend in Pharmaceutical Technology' that helps to sharpen their practical and software-handling skill-sets. Additionally, the institute motivates students to participate in various competitions at national and international level such as poster, paper and model-making presentations to upgrade their competency level. .

**5. Ability to relate theory to practice:**

**Action taken:** Institute is affiliated to SPPU and hence follows the curriculum designed by SPPU,

wherein, some of the courses do not have practical related to theoretical concept. This lacuna has been overcome by teachers by utilizing videos to show actual industrial pharma processes as well as animations during their regular teaching. However, teachers supported the theoretical concept by using models and videos. Additionally, the institute organizes industry-visit and field-visit to relate theoretical knowledge to practice.

#### **6. Awareness regarding recent advancement in field:**

**Action taken:** In view of the above point, employers responded ‘excellent’ and ‘very good’. Institute creates awareness of recent advancement of the pharmaceutical field by organizing value-added certificate course such as ‘Recent Trend in Pharmaceutical Technology’ that help to gain knowledge about current activities of the pharmaceutical field. Additionally, this certificate course includes recent advancement such as ‘Artificial Intelligence’ ‘Handling of software’ to sharpen skill-sets. Additionally, the institute organizes industry-visit and field-visit to relate theoretical knowledge to practice.

#### **7. Exhibit Leadership quality and team-work:**

**Action taken:** Employers responded ‘very good’ to the leadership quality and team-work. Institute takes efforts to exhibit leadership quality and team work by organizing a ‘Personality and Soft Skill Development’ certificate course that helps students to improve their leadership quality and team work.

**Action taken Report on Ambience and Academic performance 2023-24**

The following action has been taken by the institution based on the report of analysis which was collected from students, teachers, alumni and employers.

It was found that overall academic performance, students centeric teaching learning process, enhancement in soft skills and employability skills, facilities were found to be satisfactory.

However, feedback showed scope of improvement in ICT tools facility.

**Action taken-** In view of the above point, the institute has taken required measures to improve the ICT facility by installing modern and upgraded large size smart boards replacing the traditional smart boards.