VIGNAN'S
Foundation for Science, Technology & Research
(Deemed to be University)
-Estd. u/s 3 of UGC Act 1956

**Department of
Pharmaceutical Sciences**

ACTION TAKEN REPORT ON B. PHARMACY CURRICULUM FOR R-18 REGULATIONS

STUDENTS FEEDBACK:

The result derived in terms of percentage of students with common views, average score, and ratings is presented in the following Table.

Q.no	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	51.6	46.8	1.6	0	0	4.5	Excellent
Q2	51.6	48.4	0	0	0	4.516	Excellent
Q3	54.8	45.2	0	0	0	4.548	Excellent
Q4	64.5	35.5	0	0	0	4.645	Excellent
Q5	62.9	37.1	0	0	0	4.629	Excellent
Q6	61.3	38.7	0	0	0	4.613	Excellent
Q7	69.4	29	1.6	0	0	4.678	Excellent
Q8	54.8	45.2	0	0	0	4.548	Excellent
Q9	58.1	40.3	1.6	0	0	4.565	Excellent

The highest score of 4.678 was given to the parameters Q7 "Electives have enabled the passion to learn new strategies in emerging areas" has been rated as Excellent followed by Q4 (Score: 4.645) "Contact Hour Distribution among the various Course Components (LTP) is Satisfiable". The third highest scores was given to Q5 "The design of courses in the Curriculum is considered the extra learning or self-learning" with a score of 4.629 and Q6 "Inclusion of Field Projects improved the technical competency and leadership skills among the students" with a score of 4.613 and has been rated as Excellent.

It is clearly visible from the table that the parameters "Course Contents of Curriculum are in tune with the Program Outcomes", "Course Contents are designed to enable Problem Solving Skills and Core competencies", "Courses placed in the curriculum serve the needs of both advanced and slow learners", "The curriculum is providing opportunity towards Self-learning

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to realize the expectations", and "Laboratory sessions are sufficient to improve the Practical skills of students" obtained average scores 4.2 and have been rated as Excellent.

Time to time meetings was conducted at the department level to leverage new and advanced techniques to combat the learning difficulties of the students.

The feedback analysis reveals that laboratory sessions help to improve the student's technical skills and the courses placed in the curriculum supports both the advanced learners as well as slow learners.

ACTIONS TAKEN FOR STUDENTS FEEDBACK

Suggestions:

1. After reading anatomy, I am interested in learning more about every metabolism which is happening in our body. and more detailed about each system

   ACTION TAKEN:

   Based on their suggestion, we have included metabolic pathway

2. It will be better if the course filled with some more extra computer courses because all the jobs are on computer now a days

   ACTION TAKEN:

   Based on their suggestion, we have included Molecular modeling.

3. Want to learn more about computer courses

   ACTION TAKEN:

   Based on their suggestion, we have included Molecular modeling.

4. It will be good if we learn English as a professional

   ACTION TAKEN:

   Based on their suggestion, we have included Professional communication laboratory

5. According to my opinion i would like to select a course which is useful when we pass out like computer as well as any pharmacy training.

   ACTION TAKEN:

   We will honor this in the next regulation.

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6. Want to learn more about computer and English which will be very useful for further studies in other countries.

ACTION TAKEN:

Based on their suggestion, we have included Professional communication laboratory

7. I feel knowing about other subjects than which are in the curriculum will be good and let us expose more to the real world.

8. Want to know about anatomy and physiology more

ACTION TAKEN:

Based on their suggestion, we have included Physiology and histology

9. Want more depth on molecules.

ACTION TAKEN:

Based on their suggestion, we have included molecular modelling and molecular interaction.

10. I am learning anatomy but it will be very useful if I learn more about botany too

ACTION TAKEN:

Based on their suggestion, we have included Medicinal plants and ethnobotany

FACULTY FEEDBACK:

The result derived in terms of percentage of faculty with common views, average score, and ratings is presented in the following Table.

Q.no	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	93.3	6.7	0	0	0	4.933	Excellent
Q2	93.3	6.7	0	0	0	4.933	Excellent
Q3	100	0	0	0	0	5	Excellent
Q4	86.7	13.3	0	0	0	4.867	Excellent
Q5	93.3	6.7	0	0	0	4.933	Excellent
Q6	100	0	0	0	0	5	Excellent

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Q7	93.3	6.7	0	0	0	4.933	Excellent
Q8	100	0	0	0	0	5	Excellent
Q9	93.3	6.7	0	0	0	4.933	Excellent

The highest score of 5 was given to the parameters Q3 "The depth of the course content is adequate to have significant learning Outcomes", Q6 "Rate the capability of the curriculum for improving ethical values in students" and Q8 "The curriculum is providing opportunity towards self-learning" followed by other parameters like Q2 "Curriculum is sufficient to bridge the gap between industry standards/current global scenarios and academics", and has been rated as Excellent.

It is clearly visible from the table that the parameters "Course Contents of Curriculum are in tune with the Program Outcomes", "Course Contents enhance the Problem-Solving Skills and Core competencies", "The curriculum enables the research abilities of the students in thrust areas of clinical pharmacy", "Electives enable the passion to learn new strategies in emerging areas" and " Courses with laboratory sessions are sufficient to improve the Practical skills of students" which obtained an average scores of 4.8 and have been rated as Excellent.

Time to time meetings was conducted at the department level to leverage new and advanced techniques to combat the learning difficulties of the students.

The feedback analysis reveals that laboratory sessions help to improve the student's technical skills and the courses placed in the curriculum supports both the advanced learners as well as slow learners.

ACTION TAKEN FOR FACULTY FEEDBACK

Suggestions

1. Interdisciplinary activities with biotechnology should be included in the curriculum making biopharmaceutical technology.

   ACTION TAKEN:

   Based on their suggestion, we have included biopharmaceutical technology.

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2. Molecular modelling using programming should be included in the curriculum

ACTION TAKEN:

Based on their suggestion, we have included molecular modelling and molecular interaction.

3. Biomedical engineering subjects related to pharmacy can be a part of the syllabus

ACTION TAKEN:

Based on their suggestion, we have included Biomedical equipment

4. Physiology, histology and basics of imaging also can be included

ACTION TAKEN:

Based on their suggestion, we have included Medical imaging techniques.

5. Immunological techniques will help the students to learn about their immunity especially during diseases

ACTION TAKEN:

Based on their suggestion, we have included Immunotechnology.

6. Medicinal plant cultivation will helps to learn the students how to maintain the medicinal plants at their respective houses

ACTION TAKEN:

Based on their suggestion, we have included Medicinal plants and ethnobotany.

7. Basic animal models in medical education to understand anatomy and physiology of, animal used in medical research which will be helps to preclinical studies

ACTION TAKEN:

Based on their suggestion, we have included Handling of animals for experiments.

8. Plant tissue culture will helps to generate the further generations of medicinal plants growth

Action Taken:

Based on their suggestions, we have included Plant tissue culture.

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EMPLOYER FEEDBACK:

The result derived in terms of percentage of Employers with common views, average score, and ratings is presented in the following Table

Q.no	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	60	40	0	0	0	4.6	Excellent
Q2	60	40	0	0	0	4.6	Excellent
Q3	20	80	0	0	0	4.2	Excellent
Q4	60	40	0	0	0	4.6	Excellent
Q5	0	100	0	0	0	4	Excellent

The highest score of 4.6 was given to the parameters Q1 "Course Contents of Curriculum are in tune with the Program Outcomes", Q2 "The curriculum helps in bridging the gap between industry and academic institutions." and Q4 "Professional and Open Electives are in relation to the Technological advancements and fulfilling the needs of Pharmaceutical industries" has been rated as Excellent.

The slightly low score is given to the parameter "Applicability of the Equipment used for designing the experiments in terms of existing practices in Pharmaceutical Industries" which obtained an average score of 4 and have been rated as Excellent.

Time to time meetings was conducted at the department level to leverage new and advanced techniques to combat the learning difficulties of the students.

The feedback analysis reveals that laboratory sessions help to improve the student's technical skills and the courses placed in the curriculum supports both the advanced learners as well as slow learners.

ACTION TAKEN FOR EMPLOYERS FEEDBACK
Suggestions:

Inter Departmental awareness about biotechnology, biomedical engineering and bioinformatics and computer science should be included in the curriculum syllabus Including molecular modelling may be looked into.

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ACTION TAKEN:

Based on their suggestions, we have included Molecular interaction, Biopharmaceutical technology and Molecular modeling.

Suggestions:

Hospital visits should be included, patient counselling should be a part of additional activities to the curriculum.

ACTION TAKEN:

It is provided in the curriculum

Suggestions:

Computer skills should be enhanced for digitalizing the patient treatment data, students should have an broad understanding of the concepts in this regard.

ACTION TAKEN:

Based on their suggestions, field projects were planned on digitalizing the patient treatment data

PARENTS FEEDBACK

The result derived in terms of percentage of parents with common views, average score, and ratings is presented in the following Table.

Q.no	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	92.3	7.7	0	0	0	4.923	Excellent
Q2	100	0	0	0	0	5	Excellent
Q3	92.3	7.7	0	0	0	4.923	Excellent
Q4	100	0	0	0	0	5	Excellent
Q5	100	0	0	0	0	5	Excellent

The highest score of 5 was given to the parameters Q2 "Curriculum realizes the personality development and technical skilling of your ward", Q4 "Competency of your ward is on par with the students from other Universities/Institutes" and Q5 "The Course Curriculum is of the global standard and is in tune with the needs of pharmaceutical industries" followed by Q1 and Q3 and has been rated as Excellent.

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Time to time meetings were conducted at the department level to leverage new and advanced techniques to combat the learning difficulties of the students.

The feedback analysis reveals that laboratory sessions help to improve the student's technical skills and the courses placed in the curriculum supports both the advanced learners as well as slow learners.

NO suggestions were obtained from parents

HOD, Pharmaceutical Sciences