6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms.

Describe any two examples of institutional reviews and implementation of teaching learning reforms facilitated by the IQAC within a maximum of 500 words each

Internal quality assurance mechanism involves all the members of the teaching and non-teaching staff who are oriented through the IQAC members to maintain high quality standards in all the processes and operations of the institution.

Institution firmly believe in imparting quality education to all the students by continuously innovating on the programs to be offered and the teaching learning techniques to be employed to meet the diverse student community. Teaching learning process is continuously reviewed by the IQAC, HODs and the teacher mentors. Structured feedback is taken from the student and all other stakeholders. The feedback received is analyzed and appropriate action is taken to meet the standards. Student-Parent-teachers meetings are conducted and the suggestions relating to teaching learning process are considered for further improvement.

Reform based on Teaching-Learning approach: IQAC involves in teaching learning process right from the starting of the academic year to the semester end. IQAC conducts the internal evaluation of all departments whether curricular, co-curricular and extracurricular activities are conducted as per the planned calendar or not. Students centered teaching program is opted by the institution to cultivate multidimensional abilities of the students. This provides the professional skill sets with the goal of enhancing opportunities in the industry. The program involves various activities which help to boost employability through aptitude test, group discussions, personal interviews, current awareness quiz, and subject/domain specific quiz. Competitive examination coaching develops of competitive spirit among the students and improvement in analytical, logical, reasoning and time management skills resulted in achieving more number of qualified students in competitive examinations.

The institution also introduced online tests for GPAT/competitive examination for final year B.Pharmacy students. Faculty of the institute is instructed to be ready with lesson plans, academic calendar, course outcomes, instruction materials (power point presentations, video lectures) and all the resources at the beginning of the semester. Delivery of the curriculum contents is in line to the programme outcomes.

Curriculum enrichment and review: Curriculum is enriched with supportive theory and practical, human ethics and professional values course, MOOCs courses, certificate courses, bridge course and skill oriented programmes. The concepts of the curriculum is strengthened which made the students ready for pharmaceutical domain. Feedback is collected from the industrial experts; alumni stake holders, students and faculty on curriculum. Collected feedback is analyzed and corrective measures are taken when required.

Faculty training Programmes: IQAC conducts faulty training programmes to abreast their pharmaceutical knowledge on par with the current trends and research skills. Faculty of the institution also update and rejuvenate with new concepts in the areas of pharmacy through refresher courses, faculty training programmes and faculty exchange programmes. Training of the faculty will improvise their teaching skills and in turn learning capabilities of students.

Feedback system: Collection of feedback by IQAC at every step gave a chance of improvement of teaching learning process.

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## 6.5.2. Teaching Learning Process

Jayamukhi College of Pharmacy has strategic teaching learning process and has systematic methodology for progressing the activities. In an Academic calendar, The Internal Quality Assurance Cell (IQAC) meets twice to review the Teaching and Learning Process. Institutional IQAC is responsible for developing, coordinating and monitoring academic activities and their assessment to the effect of improvement in faculty teaching and student learning. Academic Director, HOD's and senior faculty members of the Institute gathers often for the meeting chaired by the head of the Institution.

The Internal Quality Assurance Cell guides accordingly to initiate the professional activities by involving various departments and carries out internal audit for every department in each academic year. Institutional Academic Plan is confirmed well in advance before the semester commencement for all the courses. Institute has an effective internal communication system through physical circulars as well as through social media groups.

#### **Outcomes:**

IQAC intermittently assures the accomplishment of program outcomes of every course and program through...

### i) Course Files:

A Course file is professional systematic compilation of each and every aspect pertaining to subject academic proceedings. As per the syllabus course file includes the details of topic completion, internal marks documentation and all other mandate aspects of the course. A detailed plan for every topic covered and the mapping of the exam questions with the course outcome is documented.

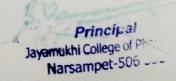
## **Evaluation-System**

A typical evaluation system with regard to IQAC reforms is given by Input Based

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Information to Outcome Based Education (OBE) with direct procedures i.e., teaching-learning process and Indirect procedures i.e., Mid exams, lab internal, external and End semester (University examinations) exams using various assessment tools. Evaluation procedure for Outcome Based Education: The procedure of evaluation for OBE is as follows:

- 1. Internal (Mid) Examinations: Two Internal (Mid) Examinations are conducted for B.Pharm and M.Pharm students in each semester and Three Internal (Mid) Examinations are conducted for Pharm.D & Pharm.D(PB) students as per the university norms. The Mid- exam questions are mapped to the respective COs.
- 2. Internal Lab Examinations: Internal Lab Examination includes evaluation of laboratory skills through answering synopsis, performance of Major and Minor experiment followed by viva-voce by institute faculty.
- 3. External Lab Examinations: External Lab Examination includes evaluation of laboratory skills through answering synopsis, performance of Major and Minor experiment followed by viva-voce by external faculty deputed by the University.
- 4. End semester university examinations: Question paper for every course is provided by the affiliating university online. University Examination Branch will be declaring the results online within 2 months after conduction of external exams. The marks scored by the students are subjected to assess the attainment level of the respective courses. Institutional IQAC under the headship of its coordinator conducts periodical meetings with the Principal and HOD's and also with various institutional committees in an academic year. An academic review will be on all departments by collecting information on various academic activities, completion of course syllabus, students assignments, class seminars, and other professional activities.



## **Teaching Learning Flow Chart Structure**

M	University Academic Calender
X	Institute Academic Calender
	Display of Time Table
Y	Subject Allocation to Faculty
M	Preparation of Lecturers Dairy/Lesson Plan
M	Commencement of Semester
Y	Regular Classroom teaching along with other curricular enrichment activity as per academic calendar
Vii	Continous monitoring of teching learning process by head of department for effective implementation
Y	Student Performance evaluation     Teacher Performance Evaluation
Y	Result Analysis     Identification of Slow Learners
Y	Encouragement of fast learners     Assesment of Corrective Measures

# 6.5.2 Initiatives For Quality Enhancement

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