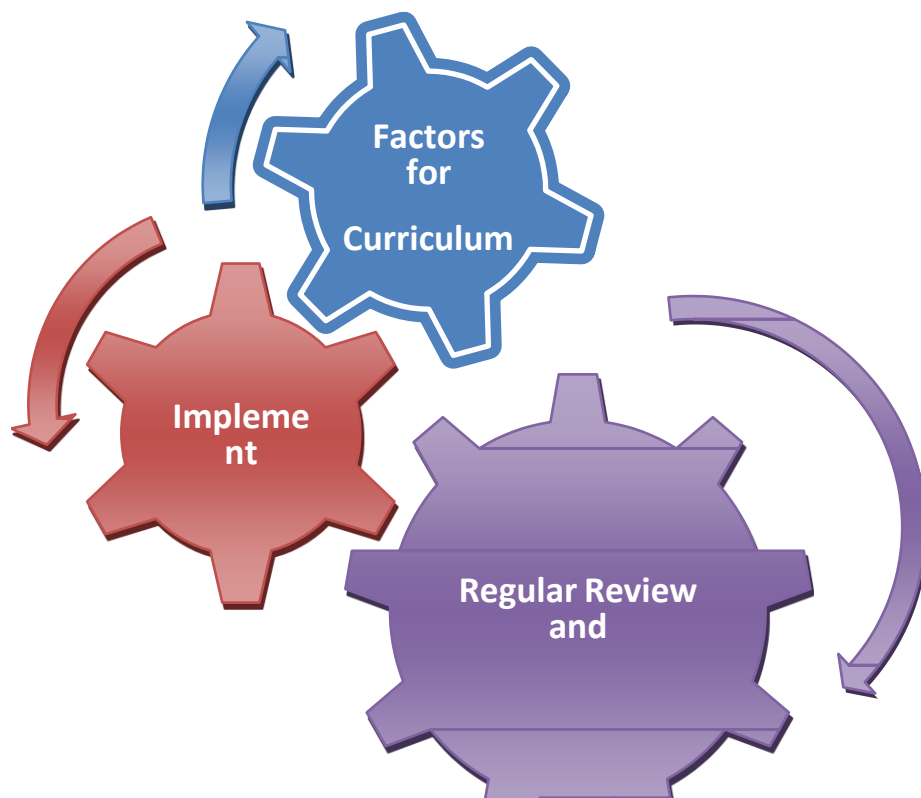




***The Institution ensures effective curriculum delivery through a well-planned and documented process***

Affiliated to Osmania University, Hyderabad, Telangana, the institution follows the academic regulations, Programme structure and syllabus as prescribed by the University. Annual calendar and certification are done as per university norms, while the Programme content and evaluation procedure are authorized by the regulatory body-PCI, Pharmacy Council of India. The institution offers programmer in B. Pharm, Pharm D, and M. Pharm in two specializations. To facilitate more efficiency in services, the institution runs under the departments enlisted: Pharmacology, Pharmaceutics, Pharmaceutical Analysis, Pharmaceutical Chemistry, and Pharmacognosy & Phytochemistry. Curriculum is divided Semester wise for B. Pharmacy and M. Pharmacy programmers' where as Pharm D was under annual system. For the effective implementation, the following steps are adopted by the institution.



**Figure.1. 1.Institutional effective curriculum delivery process**

**Factors for Curriculum Design:**

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The Curriculum is designed to ensure that the students have the required domain knowledge, skills and attitude. The factors considered for the design of the curriculum areas follow:

- Syllabus of various reputed Institutions.
- Suggestions from the stakeholders.
- Syllabi of various competitive exams like GPAT, NIPER, JEE, PGECET, etc.
- Based on PO's attainment towards vision and mission
- As stipulated by Pharmacy Council of India (PCI)

**Implementation of Outcome-Based Education (OBE) in the Curriculum:**

- The initial phase for ensuring academic quality is the design of the curriculum, in particular, the types of courses, the number of electives, and the curricular structure, with complete details of the course title/contents as per the regulations.
- The next phase is mapping of the Course Outcomes (CO's) of every course with the Program Outcomes (PO's) of the program.
- The Institute periodically reviews the attainments of PO's and PSO's for the respective programs which intern relates to the Vision and Mission of the institution.

**Pre-Planning:**

- Class wise time table is prepared by the institution as per the Almanac (academic calendar) released by Osmania University, Hyderabad, allocating the required number of classes to the faculty course-wise.
- Lesson plans, teaching plans, number of teaching periods are prepared course-wise.
- List of reference books is prepared at the beginning of the academic year.
- Syllabus copies and Question banks of Semester End Examinations are maintained in the College Library.
- Institutional & departmental Committees are formed to monitor various activities at program level and Institutional level.

**Implementation:**

- **Academic Calendar (Almanac):** The department prepares a semester-wise Institutional academic calendar within the University almanac, scheduling instruction, assignments, tests, projects, expert lectures, workshops etc

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- **Timetable:** HOD holds a faculty meeting one month before start of semester to discuss their choice of the subjects offered. Faculty are requested to give preference of subjects and based on the preferences, seniority, level of difficulty of the subject, subjects are assigned to faculty. Timetables are prepared also considering the service courses offered with other departments. Additional classes are organized for the benefit of academically weak students.
- **Effective delivery of the content** is ensured through various teaching tools and modes of instruction, ICT enhanced teaching is encouraged.
- **Lesson Plan:** Instruction is carried out in each course as per the Lesson Plan for the semester.
- **Mentor-mentee** list is framed.
- Implementation of curriculum as per the academic schedule is recorded in the **teaching notes** and attendance registers, which are submitted to the principal on a regular basis.
- **Student performance** is evaluated regularly and continuously through class tests, assignments and mid-examinations.
- **Laboratories:** Laboratory in charges ensures equipment in good working condition, and laboratory reports are continuously evaluated.
- **Practical sessions** focus on hands-on experience.
- **Lab records and performance** are continuously assessed.
- **Syllabus completion** is done on time, with sufficient time for revision.
- **Assessment and evaluation** are done based on attainment between CO&PO.
- In addition to the curriculum given by the affiliating University, the institutional so conducts
- **Certificate/Add-on programs** to fill the gap between industry and academia.
- Eminent academicians and industry associated experts are invited for **Guest lecturers/Seminars/Workshops/Conferences.**
- **Case studies and co-curricular activities** are also arranged to make up the curricular gaps
- **Research culture** is encouraged and Innovation Cell is initiated to promote the organization of research activities in the organization.
- Students are enrolled into **IPA-SF (IPA Student's Forum-Indian Pharmaceutical Association)** and institutional **NSS unit** to carry out extracurricular activities and community

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services.

- **Feedback System:** Course monitoring visit is conducted for each class twice in a semester, to check any instruction-related issues faced by students and redress them appropriately.

**Instruction material and Course Files:** Each faculty member prepares a Course file for the courses offered, as per Outcome Based formats, and includes the course outcomes as per Bloom's taxonomy, lesson plan, notes, handouts, assignments, tutorials, question papers and audiovisual material. HOD monitors the coverage of syllabus of all courses as per the lesson plan.

- HOD reviews student results of corresponding semester of previous year for teachers to focus on the need for special care in any Theory or Practical courses.
- Faculty is required to give write-ups for briefing final year students on projects at the start of first semester. After allocation of projects and student groups, the respective guides ensure that students complete the project as per schedules after review by a project committee.

**Regular Review and Action:**

- Academic Committee conducts class-wise meetings with mentors and subject teachers, the Minutes are documented.
- A review of student attendance and performance is conducted by the principal.
- In case of any deviation, remedial actions and improvement strategies are formulated.
- Feedback from faculty and students at the end of every Semester is analyzed for further improvement.

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**SAROJINI NAIDU VANITA PHARMACY MAHA VIDYALAYA**

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ISO 9001: 2015 Certified Institution, NBA Accredited B. Pharmacy Course



**Figure.1.2 Curricular Planning and Implementation Process**

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