



# Nimra College of Pharmacy

Estd By : Nimra Educational Society (A Muslim Minority Society)  
Approved by Pharmacy Council of India (PCI), New Delhi.  
Affiliated to JNTU, Kakinada, Permitted by Govt. of A.P.  
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**2.6.1: Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website and attainment of POs and COs are evaluated.**

B.Pharmacy, M.Pharmacy, Pharm-D& Pharm-D(PB) Programmes are offered in the institution. The institution has clear vision about learning outcomes. The programmes offered by college cater to multiple interests of the student community and also at building the human capital needed by the society and Nation.

The Institution is effectively implementing the Outcome-Based Education (OBE) system by actively involving all the stakeholders. The learning outcomes are defined in terms of Programme Outcomes(POs), Programme Educational Objectives (PEOs) and Course Outcomes (COs). The POs are the graduate attributes defined by the National Board of Accreditation, that a student is expected to possess after the completion of the programme. The PEOs describe the skill set possessed by the students at the end of the programme and are defined keeping vision and mission of the institute. The COs are statements that describe the type and level of new learning students will have achieved after completion of the course.

**CO Attainment:** The methods of assessment are identified to measure the progress of each Course Outcome. Assessment methods include direct methods and indirect methods. The process of course outcome assessment is based on mid-term examinations and semester end examination. Each question in the mid-term is tagged to the corresponding CO. The overall attainment of that CO is based on the average obtained by all the students.

### **Direct Assessment Methods:**

- **Seminars:** The students are required to present a seminar on the course of study. The objective of the seminar presentation is assessing student's interaction with peers and teachers on assigned topics. The content, preparation, presentation, and communication skills are assessed.
- **Viva-voce:** The subject teacher regularly interacts with the student during the practical classes to evaluate the extent of knowledge and ability for critical thinking.
- **Project work:** The final semester students take up group research project under the guidance of the faculty member. The ability of the students to plan and then execute the plan by designing and conducting experiments; analyse & interpret data and deliver the outcomes within a time frame are assessed.
- Attendance and Practical Record



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## Indirect Assessment Method:

Besides the University examinations the indirect assessment tools such as surveys and feedback by students, graduating students, alumni, employers and placement record are also carried out such as

- **Programme-Exit Survey:** This survey taken from the final year students at the completion of their programme, stands as the comprehensive feedback for the PO assessment
- **Alumni Survey:** This survey is conducted annually with the Alumni to obtain the inputs and suggestions on PO attainment in the real time societal environment
- **Employer Survey:** This survey is taken from the employer to measure the PO attainments.

**PO Attainment:** PO attainment is assessed through the evaluation of average course attainment. This assessment is carried out by using assessment tools indirect(External+ Internal Examinations) and indirect(Course End Feedback or survey) way. The assessment results are then compared with the expected and pre-defined set goals in this regard. If the expected attainment level is meeting the set target, the PO is considered to be successfully satisfying, failing which would include a review of concerned faculty in association with DAC. IQAC then strictly monitors and directs the DAC to strive for the identification of causes of failure and the solutions that reaches the expected POs.

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