



Dr. Rafiq Zakaria Campus

Maulana Azad Educational Trust's

Y. B. CHAVAN COLLEGE OF PHARMACY

(B. Pharm, M. Pharm & Research Centre)

ISO 21001:2018 & ISO 14001:2015 CERTIFIED | NIRF-2022 ALL INDIA RANK 65TH

NAAC ACCREDITATION "A" GRADE WITH 3.23 CGPA SCORE

ATTAINMENT CALCULATIONS

The Institution has a set method of measuring program outcomes, program specific outcomes and course outcomes that ultimately improves the education quality of the college and graduate outcome. This is attained by taking inputs from the faculty, Student, Alumni, Industry and professional bodies linking into the positive outcomes.

The Attainment is calculated by direct and indirect methods.

Direct method:

Initially the listed program outcomes and course outcomes are gathered for different courses

The target levels are set

Calculations are done for attainment of course outcomes to program outcomes.

Each CO is mapped to PO to make a (CO-PO) matrix.

The Attainment of course outcome is calculated by using the following formula;

Attainment of Course = 80% (Attainment Level in end term exam) + 20% (Attainment Level in Internal exam)

And this method is, evaluating the attainment of COs by using student's marks, where the student marks consists of final exam and internal sessional exam. Assessment-CO matrix is produced for each individual course.

The attainment level for course outcome are defined as follows:

Level 1: 40% students scored more than university average.

Level 2: 50% students scored more than university average.

Level 3: 60% students scored more than university average.

The average of the attainment values of courses are then used in calculation of Program Outcome Attainment

The attainment of program outcome is done by using the following formula;

Attainment of program outcome = 80% (Avg. attainment by direct method) + 20% (Avg. attainment by indirect method)

Indirect method:

In this method feedback for all Program Outcomes and Program Specific outcomes are taken from the alumni and employers and this is incorporated in the formula for calculation of program outcome attainment. The weightage of attainment by indirect method is 20% in the calculation of program outcome attainment.

The attainment level for program outcome is defined as follows:

Program outcome	Target Attainment level
Level 1	0.5 > 1.0
Level 2	1.0 > 1.5
Level 3	1.5 > 2.0
Level 4	2.0 > 2.5
Level 5	2.5 > 3.0

The whole exercise is done for continuous quality improvement of the college. Based on the attainment values the teaching learning policies are modified and improved.