

K.T.S.P.Mandal's

**SAHEBRAOJI BUTTEPATIL  
MAHAVIDYALAYA**

Rajgurunagar

**Criteria 2- Teaching- Learning and Evaluation**

**Key Indicator- 2.6 Student Performance and Learning Outcome**

<b>Metric No.</b>	
<b>2.6.2. QM</b>	<i>Attainment of POs and COs</i>



  
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Rajgurunagar, Tal. Khed, Dist. Pune.

## 2.6.2 Attainment of POs and Cos

The college has prepared the method of measuring program outcomes and course outcomes that eventually upgrades the education quality of the college and graduate outcomes. The learning outcomes and attainment are calculated by using direct and indirect methods.

### Direct method:

We prepare the expected learning outcomes of all the Programs and Courses. The set program outcomes, course outcomes, and program-specific outcomes are used to evaluate the respective outcomes.

The program outcomes are calculated based on set target levels.

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 at UG level:

Attainment of Course = 80% (Attainment level in university examination) + 20% (Attainment level in internal examination).

The attainment of COs is evaluated using students' internal evaluation marks and marks obtained in university examination. Assessment-COs matrix is prepared for each course.

The attainment level for course outcome is defined as follows:

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

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

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

For the calculation of PO's, the average attainment values of all courses are considered. The attainment of program outcome is calculated by using the following formula;

The attainment level for program outcome (POs) is defined as follows:

Program outcome Level	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



  
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