

## Criteria - II

### Teaching-learning and Evaluation

## 2.6: Student Performance and Learning Outcome

### 2.6.2 Attainment of POs and COs are evaluated.

#### INDEX

Sr. No	Particular
1	POs / COs ATTAINMENT LEVEL



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## CALCULATION OF CO ATTAINMENT

The institute has described course outcomes in to two ranges.

The example of range -1 is given below.

The level descriptors:

Level-1: 40% students score more than class average

Level-2: 50% students score more than class average

Level-3: 60% students score more than class average

The set target value is: Level-2

**Example: Calculation of course attainment of " Estimating & Costing and Professional Practice" (ECPD).**

$A(ESPP) = 80\%(\text{Attainment level in end term examination}) + 20\%(\text{Attainment level in the internal examination})$

$$= 80\%(2) + 20\%(2)$$

$$= 1.6 + 0.4$$

$$= 2.00$$

The attained value for ECPD is 2.0 and the set target is 2.0.

Hence the course is attained.

## PO ATTAINMENT CALCULATION

Level descriptors:

Level-1: Value between 0.5 to 1.0

Level-2: greater than 1 & less than 1.5

Level-3: greater than 1.5 & less than 2

Level-4: greater than 2 & less than 2.5

Level-5: greater than 2.5

Set target value: Level -4: Greater than 2.0 and less than 2.5

Example: PO (7)

PO (7) is contributed by 7 courses having CO Values as: 1.8; 2.3; 1.9; 2.0; 2.4; 2.2; 1.9

$A(PO-7) = \text{Avg. Sum of (7 courses)}$

$= 1.8+2.3+1.9+2.0+2.4+2.2+1.9/7$

$= 14.5/7$

$= 2.071$  i.e. Level -4

Hence level -4 is attained

Therefore, PO (7) is attained.



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