



Serial Number: EXTC/SOP/2025/01

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**Standard Operating Procedure (SOP) for Calculation of PEO Attainment**  
**using PO/PSO attainment data collected from assessment processes**

S. No.	Steps	Description
1	Establish PEO-PO and PEO-PSO Mapping	Create a mapping matrix showing the correlation level between each PEO and the relevant POs/PSOs. Use a numeric scale to indicate correlation strength: 3 = High correlation 2 = Medium correlation 1 = Low correlation Blank = No correlation
2	Collect PO and PSO Attainment Data	At the end of the academic year, determine PO attainment values (PO1-PO12) and PSO attainment values (PSO1-PSO2) based on internal and external assessment methods as per SOP EXTC/SOP/2023/03
3	Calculate Weighted Average for Each PEO	For each PEO: 1. Identify the mapping weight (3/2/1) between the PEO and each PO/PSO. 2. Multiply the PO/PSO attainment value by its mapping weight. 3. Sum all the weighted scores for the PEO. 4. Divide the total weighted score by the sum of mapping weights. Formula: $\text{PEO Attainment} = \frac{\sum(\text{Mapping Weight} \times \text{PO/PSO Attainment})}{\sum \text{Mapping Weights}}$
4	Summary Table	After Performing Step 3 for PEO1, PEO2, PEO3, and PEO4 record the results in a summary table

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