



## DEPARTMENT OF MECHANICAL ENGINEERING

### CO Attainment for 2021-25 Batch

Table: CO Attainment of all Courses for 2021-25 batch

Course Code	CO1	CO2	CO3	CO4	CO5	CO6
<b>Semester I</b>						
<b>FEC101</b>	1.625	1.625	1.625	2	2.25	2.5
<b>FEC102</b>	1.67	1.71	1.43	1.86	1.71	2
<b>FEC103</b>	1.78	1.2	1.88	2.5	2.5	1.6
<b>FEC104</b>	2.13	2.25	2.25	2.13	2.13	2.25
<b>FEC105</b>	2.5	2.4	2.25	1.83	1.67	1.33
<b>FEL105</b>	1.167	1.5	1.83	1.67	-	-
<b>FEL101</b>	1.25	1.25	1.25	1	-	-
<b>FEL102</b>	1.86	1.43	1.43	1.43	-	-
<b>FEL103</b>	2	2	2	2	-	-
<b>FEL104</b>	2.25	2.13	1.86	1.71	-	-
<b>Semester II</b>						
<b>FEC201</b>	1.4	1.33	1.5	1.4	1.4	1.33
<b>FEC202</b>	1.57	1.71	1.43	2	1.71	1.86
<b>FEC203</b>	2	2	2	2.2	2.5	2.5
<b>FEC204</b>	2	2.125	2.125	2.11	2.11	2.22
<b>FEC205</b>	3	2.8	2.8	2.8	2.8	2.67
<b>FEC206</b>	2.25	3	2.75	3	1.8	1.67
<b>FEL206</b>	1.67	1.67	1.5	1.625	-	-
<b>FEL201</b>	1.25	1.25	1.25	-	-	-
<b>FEL202</b>	1.43	1.57	1.43	1.57	-	-
<b>FEL203</b>	2	2	2	2.2	2.5	2.5
<b>FEL204</b>	2.57	2.57	2.86	2.86	-	-
<b>FEL205</b>	1.71	2.33	2.4	2.33	-	-
<b>Semester III</b>						
<b>MEC301</b>	1.3	0.9	1.1	1.6	0.9	1.2
<b>MEC302</b>	0.6	0.6	0.8	0.8	0.8	0.6
<b>MEC303</b>	0.8	1	1.2	1.2	1.2	0.8
<b>MEC304</b>	2.67	2.67	2.5	2.3	2.5	2.67
<b>MEC305</b>	0.6	0.6	0.8	0.8	0.8	0.6
<b>MEL301</b>	0.8	0.8	1.2	0.6	1.2	1.2
<b>MEL302</b>	3	3	3	3	3	3
<b>MESBL301</b>	2	2.5	2.2	2.2	2.5	2.2
<b>MEPBL301</b>	3	3	3	3	3	3
<b>Semester IV</b>						



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<b>MEC401</b>	1.8	1.6	0.9	1.4	1.3	1.2
<b>MEC402</b>	0.8	0.8	1.2	0.6	1.2	1.2
<b>MEC403</b>	1	0.8	1.2	1.2	1	1.2
<b>MEC404</b>	2.7	2.7	2.7	2.7	2.7	2.7
<b>MEC405</b>	3	3	3	3	3	3
<b>MEL401</b>	3	3	3	3	3	3
<b>MEL402</b>	1	0.8	1.2	1.2	1	1.2
<b>MEL403</b>	2	2.5	2.2	2.2	2.5	2.2
<b>MESBL401</b>	2	2.5	2.2	2.2	2.5	2.2
<b>MEPBL401</b>	3	3	3	3	3	3
<b>Semester V</b>						
<b>MEC501</b>	2	2.5	2.2	2.2	2.5	2.2
<b>MEC502</b>	2.2	2.2	2.4	2.2	2.4	2.4
<b>MEC503</b>	2.7	2.7	2.7	2.7	2.7	2.7
<b>MEC504</b>	0.8	0.8	1.2	0.6	1.2	1.2
<b>MEDLO5011</b>	1.2	1.3	1	0.8	0.9	1.2
<b>MEDLO5012</b>	2	2.5	2.2	2.2	2.5	2.2
<b>MEL501</b>	3	3	3	3	3	
<b>MEL502</b>	3	3	3	3	2.6	2.6
<b>MEL503</b>	2.2	2.2	2.4	2.2	2.4	2.4
<b>MESBL501</b>	3	3	3	3	2.6	2.6
<b>MEPBL501</b>	3	3	3	3	3	3
<b>Semester VI</b>						
<b>MEC601</b>	0.5	0.6	0.3	1	0.6	0.7
<b>MEC602</b>	1.8	1.8	1.8	1.8	1.6	1.8
<b>MEC603</b>	3	3	3	3	3	
<b>MEC604</b>	1.2	1.3	1	0.8	0.9	1.2
<b>MEDLO6023</b>	3	3	3	3	2.6	2.6
<b>MEL601</b>	1.5	1.3	1.2	0.9	1.5	1.6
<b>MEL602</b>	3	3	3	3	3	3
<b>MEL603</b>	2.8	2.8	3	3	3	3
<b>MESBL601</b>	2.7	2.4	2.1	2.1	2.4	2.1
<b>MEPBL601</b>	3	3	3	3	3	3
<b>Semester VII</b>						
<b>24MEPCC701</b>	0.37	0.37	0.23	0.37	0.23	0.3
<b>24MEPCC702</b>	2.4	2.4	2.6	2.6	2.4	2.4
<b>24MEPEC7012</b>	2.7	2.4	2.1	2.1	2.4	2.1
<b>24MEPEC7013</b>	3	3	3	3	3	3
<b>24MEPEC7023</b>	0.6	0.6	1.2	0.8	0.6	1.2
<b>ILO7016</b>	2	2.8	1.2	1.8	1.2	1.8
<b>24ILO7018</b>	2	2.8	1.2	1.8	1.2	1.8



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<b>MEL701</b>	1.1	1.1	0.7	1.1	0.7	0.9
<b>24MEVSEC701</b>	3	3	3	3	3	3
<b>24MEVSEC702</b>	3	3	3	3		
<b>24MEPRJ701</b>	3	3	3	3	3	3
<b>Semester VIII</b>						
<b>24MEPCC801</b>	1.8	2	0	0.6	1.2	1.2
<b>24MEPEC8012</b>	2.1	2.4	2.1	2.1	2.1	1.2
<b>24MEPEC8021</b>	2.4	2.7	2.4	2.7	2.7	2.1
<b>MEDLO8063</b>	3	3	3	3	3	3
<b>24ILO8021</b>	3	3	3	3	3	3
<b>ILO8022</b>	1.8	2	0	0.6	1.2	1.2
<b>24ILO8029</b>	3	3	3	3	3	3
<b>24MEVSE803</b>	3	3	3	3	3	3
<b>24MEVSE802</b>	2.1	2.4	2.1	2.1	2.1	1.2
<b>24MEPRJ801</b>	3	3	3	3	3	3

Table: Summary of CO Attainment for 2021-25 batch

Attribute	Count	Percentage
CO Attainment less than 1.8 (<60%)	162	34.25
CO Attainment between 1.8 (60%) and 2.249 (<75%)	92	19.45
CO Attainment between 2.25 (75%) and 2.699 (<90%)	62	13.11
CO Attainment above 2.7 (>90%)	157	33.19
<b>Total</b>	<b>473</b>	

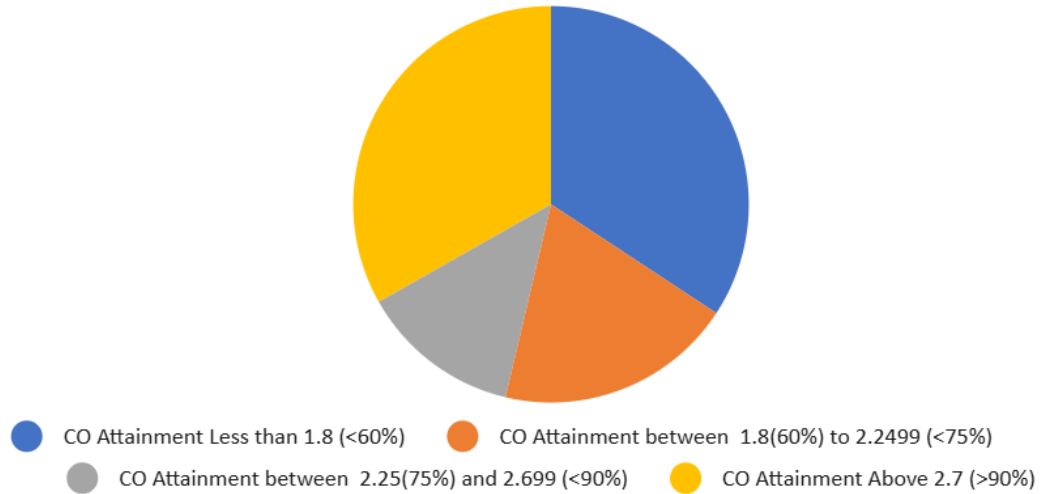


Figure: CO Attainment distribution for 2021-25 batch



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## PO Attainment for 2021-25 Batch

Table: PO Attainment of all Courses for 2021-25 batch

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
<b>Semester I</b>												
FEC101	2.27	2.37		2.27					2.27			2.27
FEC102	2	2		1						1		1
FEC103	2.33	1.5		1.5		2	2		1			3
FEC104	1.17	1.17	0.78	0.78				0.39	0.78	0.78		0.97
FEC105	2	2.75	2	1.75		1.33						2.17
FEL105	2	1.75	2.67	1		1.25	1			1	1	1.5
FEL101	1	1.75		1								1
FEL102	2.25	1.25		1.25				1	1	1		3
FEL103	3	1	2	2				1	3	2		2
FEL104	2.5	2	1.33	1.5	2.67				2	2		2
<b>Semester II</b>												
FEC201	0.5	0.5		0.5					0.5			0.5
FEC202	0.6	0.6		0.3						0.3		0.3
FEC203	2.4	1.32		1.32		0.86	1.6					2.73
FEC204	3	3	2	1	3			1	2	2		2.5
FEC205	2.9	2.9	2.9	2.1	2							2.9
FEC206	3	3	3		3	3		3	3	3		3
FEL206	1.67	2	3	1	1	2.5				1	1	1.5
FEL201	1	2		1								1
FEL202	2.5	1		1								1
FEL203	3	3	2		3			1	2	2		2
FEL204	2.5	2.5	3	3					3		2	3
FEL205	1.00	2.00	1.00		1.00	1.00		2.00	2.00	3.00		3.00
<b>Semester III</b>												
MEC301	1.17	0.13	0.13						0.13			0.13
MEC302	0.7	0.7	0.7	0.47	0.4	0.23	0.23	0	0	0.23	0	0.39
MEC303	1	1	1	-	1	2	0.83					1
MEC304	2.67	2.5	2.4				0.9					0.9
MEC305	0.7	0.7	0.7	0.47	0.4	0.23	0.23	0	0	0.23	0	0.39
MEL301	0.59	0.63	0.8	0.57					0.36			0.32
MEL302	3	2	3	2	2.67	2	1	2	2	-	2	3
MESBL301	2.5	2.4	1.5	0.9								0.6
MEPBL301						3	3	3	3	3	3	3
<b>Semester IV</b>												
MEC401	1.37	0.15	0.15						0.15			0.15
MEC402	0.59	0.63	0.8	0.57					0.36			0.32



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MEC403	0.47	0.7	0.53	0.88								
MEC404	1.23	1.9	0.97	1.6	2.8					2.57		1.73
MEC405	1	1.33	1.6	1								
MEL401	1	1.33	1.6	1								
MEL402	0.47	0.7	0.53	0.88								
MEL403	2.5	2.4	1.5	0.9								0.6
MESBL401	2.5	2.4	1.5	0.9								0.6
MEPBL401						3	3	3	3	3	3	3
<b>Semester V</b>												
MEC501	2.5	2.4	1.5	0.9								0.6
MEC502	2.3	2.3	2.3	2.3	1.93	1.8	1.3	0	0.27	0	0	1.3
MEC503	1.23	1.9	0.97	1.6	2.8					2.57		1.73
MEC504	0.59	0.63	0.8	0.57					0.36			0.32
MEDLO5011	2.3	2.3	2.3	2.3	1.93	1.8	1.3	0	0.27	0	0	1.3
MEDLO5012	2.5	2.4	1.5	0.9								0.6
MEL501	2.3	2.3	2.3	2.3	1.93	1.8	1.3	0	0.27	0	0	1.3
MEL502	2.24	1.91	2.87	2.87	-	1.43						0.96
MEL503	2.3	2.3	2.3	2.3	1.93	1.8	1.3	0	0.27	0	0	1.3
MESBL501	2.24	1.91	2.87	2.87	-	1.43						0.96
MEPBL501						3	3	3	3	3	3	3
<b>Semester VI</b>												
MEC601	2.3	2.3	2.3	2.3	1.93	1.8	1.3	0	0.27	0	0	1.3
MEC602	1.77	1.77	1.77	1.77	0.69	0.59	0.69	0	0	0	0	0.59
MEC603	2.3	2.3	2.3	2.3	1.93	1.8	1.3	0	0.27	0	0	1.3
MEC604	2.3	2.3	2.3	2.3	1.93	1.8	1.3	0	0.27	0	0	1.3
MEDLO6023	2.24	1.91	2.87	2.87	-	1.43						0.96
MEL601	0.8	0.7	0.66	0.66	0.64	0.2	0.2			0.8		
MEL602	3	3	1	1	1	1.5	1	0	2	1	1	1
MEL603	1.36	1.97	1.97	1.64	-	1.87	1.87	-	1	-	-	1.96
MESBL601	1.5	1.4	1.2	1	0.6					0.6		0.6
MEPBL601						3	3	3	3	3	3	3
<b>Semester VII</b>												
24MEPCC701	0.81	0.93	0.93									
24MEPCC702	1.9	1.4	1.1	1.5	1.2	1.1	1.1	1.2	1.2	1.2	1.4	1.6
24MEPEC7012	1.5	1.4	1.2	1	0.6					0.6		0.6
24MEPEC7013	3	3	1	1	1	1.5	1	0	2	1	1	1
24MEPEC7023	0.8	0.7	0.66	0.66	0.64	0.2	0.2			0.8		
ILO7016	0.5	0.4	0.4	0.5	0.4	0.2	0.4	0.4	0.4	0.4	0.4	0.2
24ILO7018	0.5	0.4	0.4	0.5	0.4	0.2	0.4	0.4	0.4	0.4	0.4	0.2
MEL701	0.81	0.93	0.93									
24MEVSEC701	2.2	2.5	2.5	1.7	1.4	0.8				0.8		1



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24MEVSEC702	2					1	1		2	2	1	1
24MEPRJ701						3	3	3	3	3	3	3
<b>Semester VIII</b>												
24MEPCC801	0.88	0.8		1.13			0.8				1.07	0.45
24MEPEC8012	1	1				3	3	1				1
24MEPEC8021	2.2	2.5	2.5	1.7	1.4	0.8				0.8		1
MEDLO8063						3	3	3	3	3	3	3
24ILO8021	1.67	2.33	2.67	1.83	2.33	1.33	1	1.67	2.17	2.33	2.67	2.67
ILO8022	0.88	0.8		1.13			0.8				1.07	0.45
24ILO8029	1	1				3	3	1				1
24MEVSE803	1.5	1.4	1.2	1	0.6					0.6		0.6
24MEVSE802	1	1				3	3	1				1
24MEPRJ801						3	3	3	3	3	3	3
<b>Average</b>	<b>1.71</b>	<b>1.65</b>	<b>1.61</b>	<b>1.36</b>	<b>1.53</b>	<b>1.70</b>	<b>1.51</b>	<b>1.15</b>	<b>1.39</b>	<b>1.31</b>	<b>1.23</b>	<b>1.42</b>
<b>Average –PO Attainment-Direct (80%)</b>	<b>1.37</b>	<b>1.32</b>	<b>1.29</b>	<b>1.09</b>	<b>1.23</b>	<b>1.36</b>	<b>1.21</b>	<b>0.92</b>	<b>1.12</b>	<b>1.05</b>	<b>0.99</b>	<b>1.14</b>
<b>PO-Indirect Attainment</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>2.00</b>	<b>1.00</b>	<b>2.00</b>	<b>1.00</b>	<b>1.00</b>	<b>2.00</b>
<b>PO-Indirect Attainment (20%)</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.4</b>	<b>0.2</b>	<b>0.4</b>	<b>0.2</b>	<b>0.2</b>	<b>0.4</b>
<b>Final PO-Attainment</b>	<b>1.57</b>	<b>1.52</b>	<b>1.49</b>	<b>1.29</b>	<b>1.43</b>	<b>1.56</b>	<b>1.61</b>	<b>1.12</b>	<b>1.52</b>	<b>1.25</b>	<b>1.19</b>	<b>1.54</b>
<b>Targeted Map Level</b>	<b>2.35</b>	<b>2.32</b>	<b>2.24</b>	<b>1.96</b>	<b>1.91</b>	<b>1.95</b>	<b>1.84</b>	<b>1.42</b>	<b>1.72</b>	<b>1.62</b>	<b>1.61</b>	<b>1.57</b>
<b>Target Attainment Level</b>	<b>2.35</b>	<b>2.32</b>	<b>2.24</b>	<b>1.96</b>	<b>1.91</b>	<b>1.95</b>	<b>1.84</b>	<b>1.42</b>	<b>1.72</b>	<b>1.62</b>	<b>1.61</b>	<b>1.57</b>
<b>Deviation %</b>	<b>33.16</b>	<b>34.63</b>	<b>33.57</b>	<b>34.18</b>	<b>25.35</b>	<b>20.36</b>	<b>12.59</b>	<b>21.01</b>	<b>11.95</b>	<b>22.80</b>	<b>26.32</b>	<b>2.07</b>



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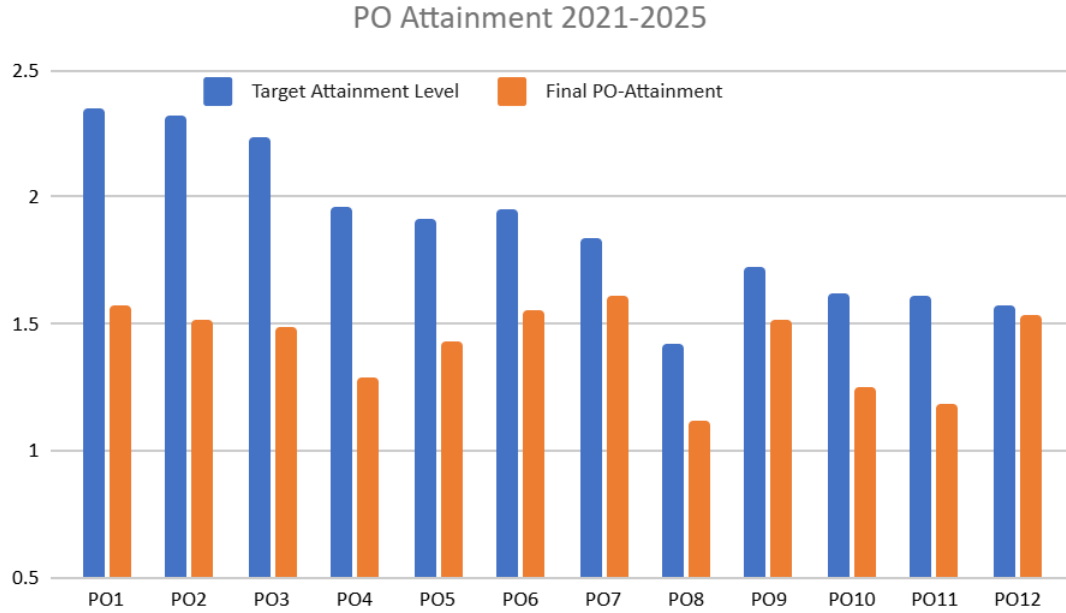


Figure: PO Attainment status for 2021-25 batch



### PSO Attainment for 2021-25 Batch

Table: PSO Attainment of all Courses for 2021-25 batch

Course	PSO1	PSO2	PSO3
MEC301	-	-	-
MEC302	0.23	0.7	0.23
MEC303			1
MEC304	1.67	0.9	1.5
MEC305	0.23	0.7	0.23
MEL301		0.57	
MEL302	3	2	3
MESBL301	1.67	0.9	1.5
MEPBL301	3	2	3
MEC401			
MEC402		0.57	
MEC403	0.59	-	0.62
MEC404	1.42		
MEC405	1.33		
MEL401	1.33		
MEL402	0.59	-	0.62
MEL403	1.67	0.9	1.5
MESBL401	1.67	0.9	1.5
MEPBL401	3	2	3
MEC501	1.67	0.9	1.5
MEC502	0.77	2.3	0.77
MEC503	2.87	2.87	2.87
MEC504		0.57	
MEDLO5011	0.52		0.55
MEDLO5012	1.67	0.9	1.5
MEL501	0.77	2.3	0.77
MEL502	2.87	2.87	2.87
MEL503	0.77	2.3	0.77
MESBL501	2.87	2.87	2.87
MEPBL501	3	2	3
MEC601	0.52		0.55
MEC602	0.59	1.77	0.59
MEC603		1.97	
MEC604	0.52		0.55
MEDLO6023	2.87	2.87	2.87
MEL601	3	2	3
MEL602	2	3	1



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MEL603	0.77	2.3	0.77
MESBL601	1.3	1.1	0.7
MEPBL601	3	2	3
24MEPCC701	0.93	0.62	0.31
24MEPCC702	1.4	0.8	1.6
24MEPEC7012	1.3	1.1	0.7
24MEPEC7013	0.59	1.77	0.59
24MEPEC7023	0.83	0.56	0.56
ILO7016	0.3	0.4	0.2
24ILO7018	0.3	0.4	0.2
MEL701	0.93	0.62	0.31
24MEVSEC701	1.8	1.2	0.8
24MEVSEC702		1	2
24MEPRJ701	3	2	3
24MEPCC801	0.71		
24MEPEC8012		1	1
24MEPEC8021	1.8	1.2	0.8
MEDLO8063			
24ILO8021	1.6	1	2.83
ILO8022	0.71		
24ILO8029		1	1
24MEVSE803	1.3	1.1	0.7
24MEVSE802		1	1
24MEPRJ801	3	2	3
<b>Average –Direct</b>	<b>1.52</b>	<b>1.44</b>	<b>1.40</b>
<b>Direct Attainment (80%)</b>	<b>1.21</b>	<b>1.15</b>	<b>1.12</b>
<b>Indirect Attainment (PES)</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Indirect Attainment (20%)</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>
<b>Final PSO-Attainment</b>	<b>1.41</b>	<b>1.35</b>	<b>1.32</b>
<b>Targeted Map Level</b>	<b>1.96</b>	<b>1.96</b>	<b>1.77</b>
<b>Target Attainment Level</b>	<b>1.96</b>	<b>1.96</b>	<b>1.77</b>
Deviation (%)	27.87	30.81	25.30



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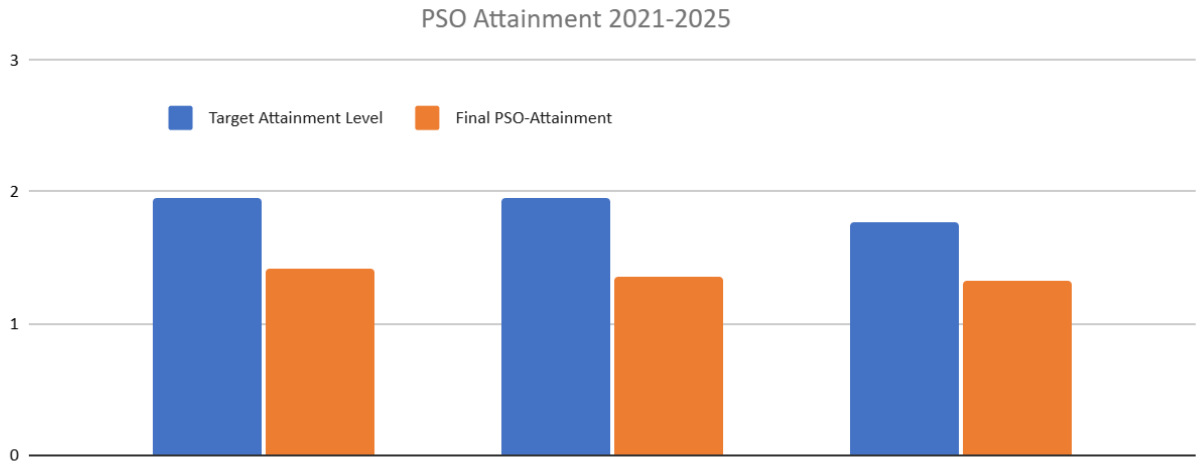


Figure: PO Attainment status for 2021-25 batch



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