



CO Attainment for 2020-24 Batch

Table: CO Attainment of all Courses for 2020-24 batch

Course Code	CO1	CO2	CO3	CO4	CO5	CO6
Semester I						
FEC101	1.5	1.44	1.56	2.3	1.96	1.63
FEC102	1.6	1.23	0.96	2.22	1.39	1.03
FEC103	1.336	1.03	1.2	2.63	1.33	2.14
FEC104	1.63	1.63	1.03	2.14	1.58	1.58
FEC105	1.54	1.8	0.89	2.36	1.69	2.36
FEL101	1.69	1.53	0.63	2.31	1.69	2.02
FEL102	3	3	3	3	3	1.89
FEL103	2.3	2.3	2	3	2.6	2.13
FEL104	2.1	2.5	2.1	3	2.6	2.5
FEL105	2	2.1	2.15	3	2.38	1.24
Semester II						
FEC201	2.001	2.33	2.08	3	2.8	2.12
FEC202	2.56	2.14	2	3	2.4	1.9
FEC203	2.36	2.6	1.99	3	2.6	1.9
FEC204	2.1	2.1	1.2	2.4	1.9	1.69
FEC205	0.96	2.02	1.36	2.36	1.89	0.98
FEC206	0.99	2.033	1.36	2.02	1.99	2.63



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FEL201	1.69	1.98	1.68	2.55	2.1	2.66
FEL202	2.1	1.8	1.98	2.63	2.3	2.36
FEL203	1.5	1.9	1.36	2.36	2.5	2.58
FEL204	1.05	2.5	2.1	2.4	2.55	1.5
FEL205	1.63	2.55	1.9	2.5	2.36	1.6
FEL206	2.5	2.5	2.5	2.5	2.5	2.5
Semester III						
MEC301	0.98	0.999	1.89	1.02	1.23	1.3
MEC302	1.1	1.3	1.15	1.22	1.36	1.2
MEC303	2.4	2.6	2.55	2.45	2.58	2.41
MEC304	2.66	2.11	2.331	2.56	2.16	2.4
MEC305	1.05	1.63	1.68	1.7	1.55	1.5
MEL301	2.5	2.55	2.6	2.44	2.6	2.2
MEL302	2.1	1.9	1.96	1.8	1.63	2.1
MESBL301	2.4	2.5	2.33	2.5	2.66	2.45
MEPBL301	2.55	2.36	2.56	2.54	2.78	2.69
Semester IV						
MEC401	1.5	1.6	1.336	1.63	1.54	1.69
MEC402	1.44	1.23	1.03	1.63	1.8	1.53
MEC403	1.56	0.96	1.2	1.03	0.89	0.63
MEC404	2.3	2.22	2.63	2.14	2.36	2.31



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MEC405	1.96	1.39	1.33	1.58	1.69	1.69
MEL401	2.3	2.2	2.36	2.36	2.45	2.65
MEL402	2	2.3	2.31	2.02	2.36	2.1
MEL403	2.1	2.3	2.3	1.89	-	-
MESBL401	2.4	2.3	2.56	2.13	2.78	2.98
MEPBL401	2.5	2.5	2.5	2.5	2.5	2.5
Semester V						
MEC501	1.3	1.5	1.63	1.24	0.98	0.87
MEC502	2.1	2.36	2	2.12	2.02	1.96
MEC503	2.1	1.69	1.88	1.9	1.86	2.2
MEC504	1.69	1.8	1.85	1.9	1.45	1.69
MEDLO5011	1.23	1.56	1.54	1.69	1.85	1.96
MEDLO5012	1.98	1.69	1.47	0.98	0.98	1.18
MEL501	2.4	2.33	2.56	2.63	2.364	2.314
MEL502	2	1.98	1.69	1.66	1.7	2.1
MEL503	2.3	2.1	2.2	2.28	2.36	2.4
MESBL501	2.13	2.69	2.15	2.36	2.14	2.633
MEPBL501	2.4	2.4	2.4	2.4	2.4	2.4
Semester VI						
MEC601	1.4	1.36	1.47	1.9	1.88	2
MEC602	1.2	0.6	1.2	1	0.6	1



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MEC603	1.02	1.01	1.23	1.5	1.87	1.8
MEC604	2.3	2.1	2	2.001	2.56	2.36
MEDLO6023	2.3	2.5	2.1	2.33	2.14	2.6
MEL601	2	2.1	2.15	2.08	2	1.99
MEL602	3	3	3	3	3	3
MEL603	2.6	2.6	2.38	2.8	2.4	2.6
MESBL601	2.6	2.6	2.8	2.9	2.6	2.5
MEPBL601	2.4	2.4	2.4	2.4	2.4	2.4
Semester VII						
MEC701	2.3	2.1	2.2	2.5	2	2.44
MEC702	2.3	2.65	2.63	2.41	2.56	2.39
MEDLO7032	2.4	2.01	2.63	2.31	2.36	2.3
MEDLO7033	1.8	1.2	2.3	2	1.98	1.87
MEDLO7043	0.96	0.89	1.2	1.06	1.56	1.23
ILO7016	1.5	1.63	1.39	2.01	1.48	1.97
ILO7018	2.15	2.36	2.4	2.3	2.114	2.35
MEL701	2.37	2.56	2.48	2.15	1.9	2.13
MEL702	2.9	2.6	2.96	2.15	2.69	2.65
MEL703	2.56	2.6	2.45	2.98	2.93	2.51
MEP701	2.1	2.1	2.1	2.1	2.1	2.1
Semester VIII						



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MEC801	1.2	2.22	2.3	1.98	1.96	2.6
MEDLO8053	2.1	0.96	0.99	1.69	2.1	1.5
MEDLO8061	2.1	2.02	2.033	1.98	1.8	1.9
MEDLO8063	1.2	1.36	1.36	1.68	1.98	1.36
ILO8021	2.4	2.36	2.02	2.55	2.63	2.36
ILO8022	1.9	1.89	1.99	2.1	2.3	2.5
ILO8029	2.4	2.36	2.54	2.66	2.36	2.58
MEL801	1.6	1.6	1.1	1.8	2.1	1.6
MEL802	1.9	1.8	1.9	1.78	1.93	1.88
MEP801	2.4	2.4	2.4	2.4	2.4	2.4

Table: Summary of CO Attainment for 2020-24 batch

Attributes	NO.	Percentage
CO Attainment Less than 1.8 (<60%)	142	28.63
CO Attainment between 1.8(60%) to 2.2499 (<75%)	144	29.03
CO Attainment between 2.25(75%) and 2.699 (<90%)	182	36.69
CO Attainment Above 2.7 (>90%)	28	5.65
Total	496	

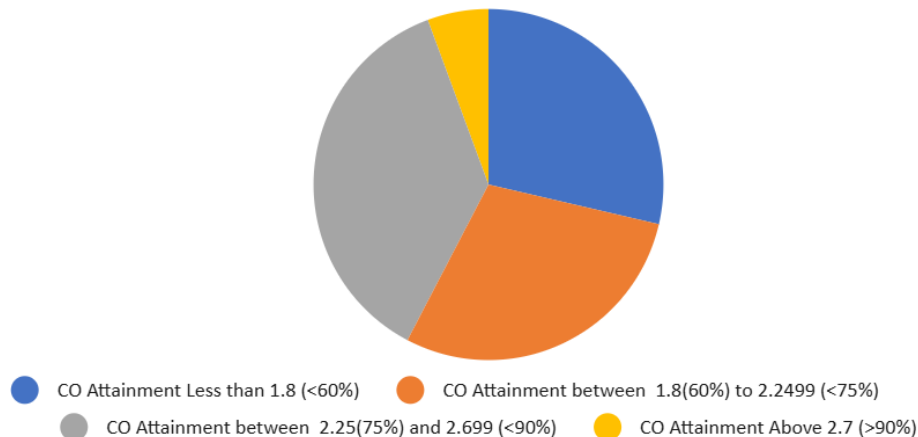


Figure: CO Attainment distribution for 2020-24 batch

PO Attainment for 2020 -24 Batch

Table: PO Attainment of all Courses for 2020 -24 batch

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Semester I												
FEC101	2.25	2.25	2.25	2.25	2.25				2.25	2.25		2.25
FEC102	3	3	3	3				3		3		3
FEC103	2.8	2.64	2.64	2.64	2.6	2.65	2.55				2.46	2.81
FEC104	1.6	0.89	1.2	1.06	1.56	1.23	2.3	2.15	2.15	2.98	2.1	1.98
FEC105	3	3	3	3	3	3	3	3	3			3
FEL101	3	3	3									3
FEL102	2.2	2.2	2.2	2.2		2.2	2.2	2.2	2.2			2.2
FEL103	1.8	0.89	1.2	1.06	1.56	1.23	2.3	2.15	2.15	2.98	2.1	1.98
FEL104	3	3		3					3			3



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FEL105	3	3	3	3		3	3	3		3	3	3
Semester II												
FEC201	3	3	3	3					3	3		3
FEC202	3	3	3	3				3		3		3
FEC203	2.72	2.7	2.7	2.7		2.77	2.79	2.65			2.74	2.74
FEC204	2.2	2.2		2.2	2.2							2.2
FEC205	3	3	3	3	3					3		3
FEC206	3	3	3		3	3		3	3	3		3
FEL201	3	3	3	3								3
FEL202	2.8	2.8	2.8	2.8		3	3	2.8	2.8			2.8
FEL203	3	3		3	3							3
FEL204		3	3	3	3							
FEL205	3.00	3.00	3.00		3.00	3.00		3.00	3.00	3.00		3.00
FEL206	3.00	3.00	3.00	3.00	3.00	3.00				3.00	3.00	3.00
Semester III												
MEC301	0.98	0.999			1.23	1.3		1.89	1.02			
MEC302	1.1	1.3		1.3		1.2			1.22		1.36	1.2
MEC303	2.4	2.3	2.9					2.55			2.58	2.41
MEC304	2.66	2.11			2.16	2.4		2.331	2.56			
MEC305	1.05	1.63	0	1	1.55	1.5	1	0	0	1	0	1.67
MEL301	2.5	2.55	2.6	2.44	2.6	2.2						
MEL302	2.1		1.96	1.8	1.63		1.9		1.9		2.33	



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MESBL301	2.4	2.5			2.66							
MEPBL301	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55
Semester IV												
MEC401	1.5	1.6			1.54	1.69						
MEC402	1.44	1.23	1.03	1.63	1.8	1.8		1.8	1.9		2.6	
MEC403	1.56		1.2	1.03			2.33			1.9		
MEC404	2.3		2.63	2.14	2.36			2.33		0.89	1.56	2.78
MEC405	1.96		1.33		1.69	1.69						
MEL401	2.3		2.36	2.36	2.45	2.65		1.9	1.9			2.33
MEL402	2	2.3		2.02	2.36	2.1						
MEL403	2.1	2.3			-	-		0.89			1.89	2.78
MESBL401	2.4	2.3		2.13		2.98			1.89			
MEPBL401	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Semester V												
MEC501	1.3		1.63				1.89		2.33			
MEC502	2.1	2.36	2	2.12	2.02	1.96					2.33	
MEC503	2.1	1.69	1.88	1.9	1.86			2.78		1.89		2.78
MEC504	1.69				1.45	1.69			1.89			
MEDLO5011	1.23	1.56	1.54	1.69	1.85							
MEDLO5012								1.88	1.85	1.54		2.56
MEL501	2.4		2.56	2.63	2.364	2.314		1.9	1.9	1.69		2.63
MEL502	2	1.98	1.69		1.7				2.78			



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MEL503	2.3	2.1	2.2	2.28	2.36	2.4	2.78			2.33		2.33
MESBL501	2.13	2.69			2.14	2.633						
MEPBL501	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Semester VI												
MEC601	1.4	1.36	1.47	1.9	1.88	2						
MEC602	3	3	2.3	0	0.38	0	0.38	0	0	0	0	0.31
MEC603	1.8			1.5	1.87	1.8	1.69	2.2	2.15	2.4	1.47	
MEC604	2.3		2	2.001	2.56		1.66	2.28	2.36	2.4	1.9	
MEDLO6023	2.3	2.5	2.1	2.33					2.14	2.6		
MEL601	2	2.1	2.15	2.08	2	1.99						
MEL602	1	1.3	1.5	1.6	1	1.5	1	0	2	1	1	1
MEL603	2.6	2.6	2.38	2.8	2.4	2.6						
MESBL601	2.6	2.6			2.6	2.5		2.8	2.9			
MEPBL601	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Semester VII												
MEC701	2.3	2.1	2.44		2							
MEC702	2.3	2.65			2.56	2.39			2.63	2.41		2.36
MEDLO7032	2.4	2.01	2.63	2.31			2.36	2.56	2.6	2.6	2.1	2.22
MEDLO7033	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.48	2.96	2.45	2.1	2.3
MEDLO7043	1.6	0.89	1.2	1.06	1.56	1.23	2.3	2.15	2.15	2.98	2.1	1.98
ILO7016	2.114	2.114								2.93	2.1	1.96
ILO7018	2.15		2.4	2.3	2.114	2.35	2.35	2.13	2.65	2.51	2.1	2.6



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MEL701	2.37	2.56	2.48	2.15	1.9							
MEL702	2.9		2.96		2.69			1.6	1.8			
MEL703	2.56			2.98	2.93	2.51						
MEP701	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Semester VIII												
MEC801	1.2	2.22	2.3	1.98		2.6						
MEDLO8053	2.1		1.9		2.3	2.5	0.96	2.02	2.4	2.36	1.89	2.36
MEDLO8061	2.1	2.02		1.98		1.9	0.99	2.033	2.36	2.02	1.99	2.54
MEDLO8063	1.2		2.114			1.36						
ILO8021	2.4			2.55	2.63			2.4	2.4		2.36	
ILO8022	1.9	1.89	1.99	2.1	2.3				2.5		2.1	2.2
ILO8029	2.4	2.36					0.96		1.36			2.02
MEL801	1.6	1.6	1.1	1.8		1.6	0.99	2.033	1.36			
MEL802	1.9	1.8		1.78	1.93	1.88						
MEP801	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Average	2.23	2.28	2.24	2.21	2.19	2.16	2.05	2.17	2.19	2.34	2.05	2.44
Average –PO Attainment-Direct (80%)	1.78	1.82	1.80	1.76	1.76	1.73	1.64	1.74	1.75	1.87	1.64	1.95
PO-Indirect Attainment	1.00	1.00	1.00	1.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00	2.00



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PO-Indirect Attainment (20%)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.4	0.2	0.2	0.4
Final PO-Attainment	1.98	2.02	2.00	1.96	1.96	1.93	2.04	1.94	2.15	2.07	1.84	2.35	2.35
Targeted Map Level	3.00	2.64	2.62	2.67	2.70	2.68	2.40	2.78	2.67	2.70	2.59	2.62	2.62
Target Attainment Level	1.98	2.02	2.00	1.96	1.96	1.93	2.04	1.94	2.15	2.07	1.84	2.35	2.35
Deviation %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

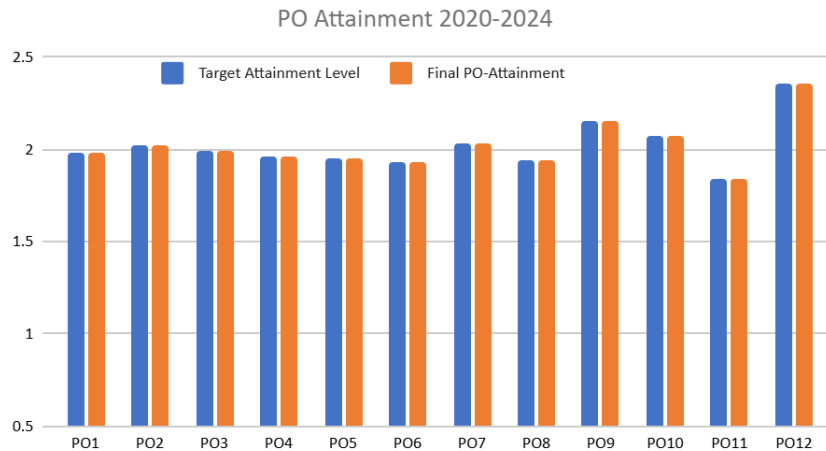


Figure: PO Attainment status for 2020 - 24 batch



PSO Attainment for 2020 -24 Batch

Table: PSO Attainment of all Courses for 2020 - 24 batch

Course	PSO1	PSO2	PSO3
Semester III			
MEC301	2.5	1.80	
MEC302	2.88	0.70	0.80
MEC303	2.5	0.90	2.70
MEC304	1.68	0.90	1.60
MEC305	2.23	3.00	1.00
MEL301	2.52		0.80
MEL302			2.70
MESBL301	2.9		
MEPBL301	2.8	2.40	2.70
Semester IV			
MEC401	1.92	1.40	
MEC402	1.08	2.10	0.80
MEC403	2.4		
MEC404	1.68		2.70
MEC405	1.08		
MEL401	1.08		
MEL402	2.5		
MEL403	1.9		0.80
MESBL401	2.16		2.70
MEPBL401	2.88	2.10	2.70
Semester V			
MEC501	2.16	0.90	1.40
MEC502	1.92	2.40	0.90
MEC503	2.88		0.90
MEC504	2.52	1.40	
MEDLO5011	2.28	0.90	0.90
MEDLO5012	2.04	0.80	0.80
MEL501	1.9	1.40	0.80



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MEL502	2.52	0.00	0.90
MEL503	2.9	1.40	
MESBL501	2.8	0.90	0.70
MEPBL501	2.88	2.40	2.70
Semester VI			
MEC601	2.88	0.90	1.40
MEC602	1.56	0.93	0.31
MEC603	0.96	2.70	0.80
MEC604	2.7	0.80	0.90
MEDLO6023	2.5		2.10
MEL601	2.88	0.70	1.60
MEL602	2.4	3.00	1.00
MEL603	2.8	2.70	0.90
MESBL601	2.4	0.70	0.70
MEPBL601	2.52	2.70	2.10
Semester VII			
MEC701	2.52	1.80	0.90
MEC702	2.7	0.70	1.60
MEDLO7032	1.08	2.40	0.90
MEDLO7033	1.68	0.90	1.40
MEDLO7043	2.88		1.80
ILO7016	1.08	0.70	0.70
ILO7018	0.96	2.70	
MEL701	3.24	1.60	0.70
MEL702	0.96	0.70	0.70
MEL703	0.84	0.80	0.90
MEP701	2.6	2.10	2.10
Semester VIII			
MEC801	1.08	0.80	0.70
MEDLO8053	1.68		1.40
MEDLO8061	1.68	1.60	1.80
MEDLO8063	2.16	0.70	1.60
ILO8021	2.28	0.70	0.80

ILO8022	2.16		0.80
ILO8029	1.92	0.70	0.90
MEL801	2.28	1.60	1.60
MEL802	2.04	0.70	0.70
MEP801	2.9	2.40	2.40
Average –Direct	2.16	1.45	1.34
Direct Attainment (80%)	1.73	1.16	1.07
Indirect Attainment (PES)	1	1	1
Indirect Attainment (20%)	0.2	0.2	0.2
Final PSO-Attainment	1.93	1.36	1.27
Targeted Map Level	1.83	1.87	1.65
Target Attainment Level	1.38	1.36	1.27
Deviation (%)	40.17036105	0	0

PSO Attainment 2017-2022

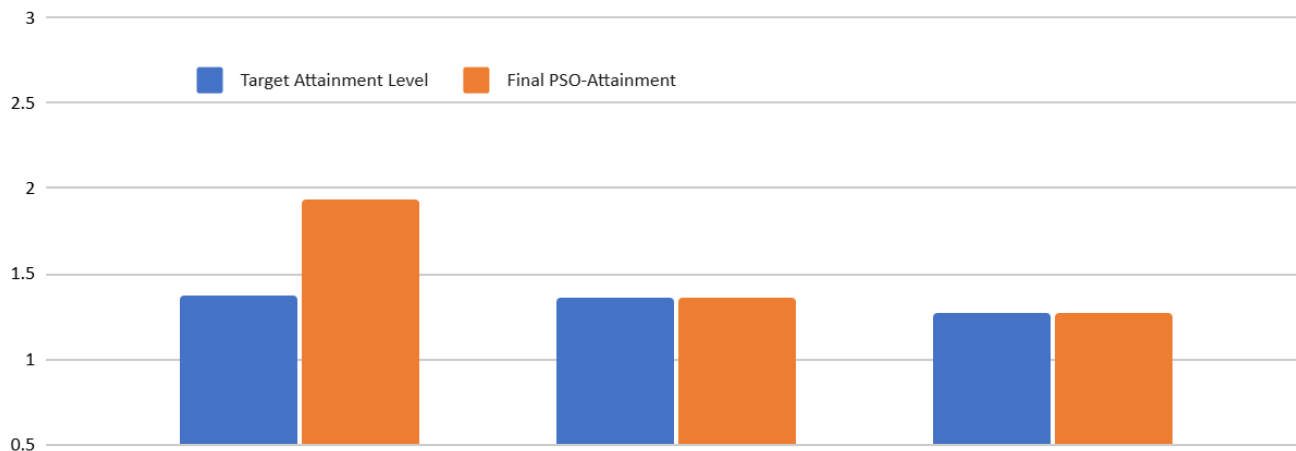
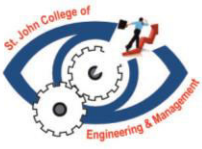


Figure: PO Attainment status for 2020-24 batch



St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

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A handwritten signature in blue ink, appearing to read "Kishor Rambhad".

Dr. Kishor Rambhad

HOD, Mechanical Engineering