

PO Target Level Attainment (Direct Assessment) (2022-23)

Subject Wise Target Session

Sem	Subject and Codes	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
III	EI-23017: Basic Electronics Engineering	EI-23017.1	3	2	2	2	3	2	0	0	2	2	0	3	
		EI-23017.2	3	2	2	2	3	0	0	0	2	2	0	3	
		EI-23017.3	3	2	2	2	3	0	0	0	2	2	0	3	
		EI-23017.4	3	2	3	2	3	3	0	0	2	2	0	3	
		Avg	3.00	2.00	2.25	2.00	3.00	1.25	0.00	0.00	2.00	2.00	0.00	3.00	1.71
	IP-23012: Manufacturing Processes- I	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		IP-23012.1	3	3	1	2	3	2	1	1	2	3	0	3	
		IP-23012.2	3	3	1	2	3	2	2	1	2	2	0	3	
		IP-23012.3	3	3	1	2	3	2	0	1	2	3	0	3	
		IP-23012.4	3	3	1	2	2	2	2	1	2	2	1	3	
		Avg	3.00	3.00	1.00	2.00	2.75	2.00	1.25	1.00	2.00	2.50	0.25	3.00	1.98
	IP-23006: Principles and Practice of Management	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		IP-23006.1	2	3	2	3	2	1	0	3	3	3	3	3	
		IP-23006.2	2	3	2	3	2	0	0	2	2	2	3	2	
		IP-23006.3	2	3	2	3	2	0	0	3	3	3	3	3	
		IP-23006.4	2	2	0	3	2	0	0	3	2	3	3	3	
		Avg	2.00	2.75	1.50	3.00	2.00	0.25	0.00	2.75	2.50	2.75	3.00	2.75	2.10
	MA-23003: Mathematics- III	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		MA-23003.1	2	3	1	2	2	0	0	0	2	2	0	3	
		MA-23003.2	2	3	1	2	2	0	0	0	2	2	0	3	
		MA-23003.3	2	2	1	2	3	0	0	0	2	2	0	3	
		MA-23003.4	3	3	1	3	3	0	0	0	2	2	0	3	
		Avg	2.25	2.75	1.00	2.25	2.50	0.00	0.00	0.00	2.00	2.00	0.00	3.00	1.48
	ME-23005: Mechanical Metallurgy	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		ME-23005.1	2	2	1	2	0	0	0	0	2	2	0	3	
		ME-23005.2	3	2	1	2	0	2	0	0	2	2	0	3	
		ME-23005.3	3	2	1	2	3	2	0	0	2	2	0	3	

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		ME-23005.4	3	2	2	3	3	2	0	0	2	2	0	3	
		Avg	2.75	2.00	1.25	2.25	1.50	1.50	0.00	0.00	2.00	2.00	0.00	3.00	1.52
	ME-23008: Mechanics of Solids	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		ME-23008.1	3	2	2	2	2	2	0	0	2	2	0	3	
		ME-23008.2	3	2	3	2	3	2	0	0	2	2	0	3	
		ME-23008.3	2	2	3	3	2	2	0	0	2	2	0	3	
		ME-23008.4	3	3	2	3	2	2	0	0	2	2	0	3	
		Avg	2.75	2.25	2.50	2.50	2.25	2.00	0.00	0.00	2.00	2.00	0.00	3.00	1.77
IV	HU-23504: Engineering Economics and FA	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		HU-23504.1	3	2	0	3	3	2	0	3	2	2	3	3	
		HU-23504.2	2	2	0	2	3	2	0	3	2	2	3	2	
		HU-23504.3	2	2	0	2	3	2	0	3	2	2	3	3	
		HU-23504.4	3	2	0	2	3	2	0	3	2	2	3	3	
		Avg	2.50	2.00	0.00	2.25	3.00	2.00	0.00	3.00	2.00	2.00	3.00	2.75	2.04
	IP-23513: Manufacturing Processes-II	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		IP-23513.1	3	3	2	2	3	2	1	0	2	2	0	3	
		IP-23513.2	3	3	2	2	3	2	1	0	2	2	0	3	
		IP-23513.3	2	2	0	0	2	0	0	0	2	2	0	3	
		IP-23513.4	3	3	2	2	3	2	0	0	2	2	0	3	
		Avg	2.75	2.75	1.50	1.50	2.75	1.50	0.50	0.00	2.00	2.00	0.00	3.00	1.69
	IP-23515: Operation Research	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		IP-23515.1	3	3	2	3	3	0	0	0	2	2	0	3	
		IP-23515.2	3	3	0	3	3	0	0	0	2	2	0	3	
		IP-23515.3	2	3	0	3	3	0	0	0	2	2	2	3	
		IP-23515.4	3	3	2	3	3	2	0	0	2	2	3	3	
		Avg	2.75	3.00	1.00	3.00	3.00	0.50	0.00	0.00	2.00	2.00	1.25	3.00	1.79
		CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	

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Sem	Subject and Codes	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
	ME-23516: Fluid Mechanics and Thermal Engineering	ME-23516.1	3	2	0	1	0	1	1	0	1	2	2	2	
		ME-23516.2	1	2	3	2	0	1	0	0	1	0	0	1	
		ME-23516.3	2	1	0	0	1	1	1	1	1	1	1	1	
		ME-23516.4	1	2	1	1	0	1	1	0	1	2	0	1	
		Avg	1.75	1.75	1.00	1.00	0.25	1.00	0.75	0.25	1.00	1.25	0.75	1.25	1.00
	ME-23555: Theory of Machines	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		ME-23555.1	3	3	0	2	2	0	0	0	2	2	0	3	
		ME-23555.2	3	2	2	2	2	0	0	0	2	2	0	3	
		ME-23555.3	2	3	2	3	2	0	0	0	2	2	0	3	
		ME-23555.4	2	3	2	3	2	0	0	0	2	3	0	3	
		Avg	2.50	2.75	1.50	2.50	2.00	0.00	0.00	0.00	2.00	2.25	0.00	3.00	1.54
	CO-23559: Object Oriented Programming	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		CO-23559.1	3	2	3	2	3	2	0	0	2	2	0	3	
		CO-23559.2	3	2	3	2	3	2	0	0	2	2	0	3	
		CO-23559.3	3	2	2	2	3	2	0	0	2	2	0	3	
		CO-23559.4	2	3	3	2	3	2	0	0	2	2	0	3	
		Avg	2.75	2.25	2.75	2.00	3.00	2.00	0.00	0.00	2.00	2.00	0.00	3.00	1.81
	IP-33005: Metrology and Industrial Inspection	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		IP-33005.1	3	2	1	2	2	0	0	0	2	2	0	3	
		IP-33005.2	2	2	1	2	3	2	0	1	2	2	0	3	
		IP-33005.3	2	2	1	2	3	2	0	1	2	2	0	3	
		IP-33005.4	3	2	3	2	3	3	0	0	3	2	0	3	
		Avg	2.50	2.00	1.50	2.00	2.75	1.75	0.00	0.50	2.25	2.00	0.00	3.00	1.69
	IP-33002: Industrial Engineering	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		IP-33002.1	2	3	0	2	2	2	2	0	2	2	3	3	
		IP-33002.2	3	2	2	2	3	0	0	3	2	2	3	2	
		IP-33002.3	2	3	2	2	2	3	0	3	2	2	3	3	

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Sem	Subject and Codes	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
V		IP-33002.4	3	3	2	2	3	3	2	3	2	2	3	3	
		Avg	2.50	2.75	1.50	2.00	2.50	2.00	1.00	2.25	2.00	2.00	3.00	2.75	2.19
	IP-33007: Computer Aided Design and Manufacturing	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		IP-33007.1	3	2	0	2	2	2	1	1	2	2	1	3	
		IP-33007.2	3	2	0	2	3	2	1	0	2	2	0	3	
		IP-33007.3	3	2	0	2	3	2	1	0	2	2	0	3	
		IP-33007.4	2	3	2	2	3	2	2	1	2	2	1	3	
		Avg	2.75	2.25	0.50	2.00	2.75	2.00	1.25	0.50	2.00	2.00	0.50	3.00	1.79
	ME-33014: Prime Movers and Pumps	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		ME-33014.1	3	2	0	2	2	2	0	0	2	2	0	3	
		ME-33014.2	3	3	1	2	2	2	0	0	2	2	0	3	
		ME-33014.3	3	2	1	2	2	2	0	0	2	2	0	3	
		ME-33014.4	3	2	1	2	2	2	0	0	2	2	0	3	
		Avg	3.00	2.25	0.75	2.00	2.00	2.00	0.00	0.00	2.00	2.00	0.00	3.00	1.58
	ME-33018: Design of Machine Elements	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		ME-33018.1	3	2	3	2	3	1	0	0	2	2	0	3	
		ME-33018.2	3	2	3	2	3	2	0	0	2	2	0	3	
		ME-33018.3	3	2	3	2	3	3	0	0	2	2	0	3	
		ME-33018.4	3	2	3	2	3	3	0	0	2	2	0	3	
		Avg	3.00	2.00	3.00	2.00	3.00	2.25	0.00	0.00	2.00	2.00	0.00	3.00	1.85
	ME-33711: Mechatronics	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		ME-33711.1	3	2	0	2	3	2	0	0	2	2	0	3	
		ME-33711.2	3	3	0	2	3	2	0	0	3	2	0	3	
		ME-33711.3	3	2	0	2	3	2	0	0	2	2	0	3	
		ME-33711.4	3	2	3	2	3	2	0	0	2	2	0	3	
		Avg	3.00	2.25	0.75	2.00	3.00	2.00	0.00	0.00	2.25	2.00	0.00	3.00	1.69
		CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	

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Sem	Subject and Codes	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
VI	IP-33702: Manufacturing Analysis	IP-33702.1	2	1	1	1	0	1	0	0	1	0	0	1	
		IP-33702.2	2	1	1	1	0	1	0	0	1	0	0	1	
		IP-33702.3	3	2	1	0	1	2	1	0	1	1	0	3	
		IP-33702.4	3	2	2	1	1	2	1	0	1	1	0	2	
		Avg	2.50	1.50	1.25	0.75	0.50	1.50	0.50	0.00	1.00	0.50	0.00	1.75	0.98
	IP-33515: Quality Control and Reliability Engineering	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		IP-33515.1	2	3	0	2	3	2	0	0	2	2	2	3	
		IP-33515.2	2	3	1	3	3	2	0	0	2	2	0	3	
		IP-33515.3	2	3	2	3	3	2	0	0	2	2	3	3	
		IP-33515.4	2	3	1	2	3	2	0	0	2	2	0	3	
		Avg	2.00	3.00	1.00	2.50	3.00	2.00	0.00	0.00	2.00	2.00	1.25	3.00	1.81
	IP-33503: Principles of Machine Tools	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		IP-33503.1	3	3	0	2	2	2	0	0	2	2	0	3	
		IP-33503.2	2	3	3	2	3	2	0	0	2	2	0	3	
		IP-33503.3	2	3	3	2	3	2	0	0	2	2	0	3	
		IP-33503.4	2	3	3	2	3	2	2	1	2	2	2	3	
		Avg	2.25	3.00	2.25	2.00	2.75	2.00	0.50	0.25	2.00	2.00	0.50	3.00	1.88
	IP-33516: Metal Cutting and Metal Working Analysis	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		IP-33516.1	2	3	1	2	2	0	0	0	2	2	0	3	
		IP-33516.2	3	3	1	2	2	2	1	0	3	2	0	3	
		IP-33516.3	2	3	0	2	2	0	0	0	2	2	2	3	
		IP-33516.4	3	3	1	2	2	3	0	0	2	2	0	3	
		Avg	2.50	3.00	0.75	2.00	2.00	1.25	0.25	0.00	2.25	2.00	0.50	3.00	1.63
	IP-33507: CIM and Automation	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		IP-33507.1	3	2	2	2	3	2	0	0	2	2	0	3	
		IP-33507.2	3	2	0	2	3	2	0	0	2	2	0	3	
		IP-33507.3	3	3	2	3	3	2	2	0	2	2	0	3	

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Sem	Subject and Codes	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		IP-33507.4	3	2	2	2	3	2	0	0	2	2	0	3	
		Avg	3.00	2.25	1.50	2.25	3.00	2.00	0.50	0.00	2.00	2.00	0.00	3.00	1.79
	IP-33511: Advanced Machining Processes	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		IP-33511.1	3	3	0	2	2	0	1	1	2	2	0	3	
		IP-33511.2	3	3	2	2	3	3	0	0	2	3	0	3	
		IP-33511.3	3	3	2	2	3	2	0	0	2	2	1	3	
		IP-33511.4	3	3	3	2	3	2	2	0	2	3	1	3	
		Avg	3.00	3.00	1.75	2.00	2.75	1.75	0.75	0.25	2.00	2.50	0.50	3.00	1.94
VII	IP-43013: Operations Management	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		IP-43013.1	2	2	1	2	2	2	1	1	2	2	0	3	
		IP-43013.2	3	3	3	2	3	2	1	0	3	2	1	3	
		IP-43013.3	3	2	0	2	2	2	1	0	2	2	0	3	
		IP-43013.4	3	3	1	2	3	2	0	0	3	2	1	3	
		Avg	2.75	2.50	1.25	2.00	2.50	2.00	0.75	0.25	2.50	2.00	0.50	3.00	1.83
	IP-43058: Tool Engineering and Design of Cutting Tools	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		IP-43058.1	3	3	0	2	3	1	0	0	2	2	1	3	
		IP-43058.2	3	3	3	2	3	3	0	0	3	2	1	3	
		IP-43058.3	3	3	3	2	3	3	1	0	2	2	1	3	
		IP-43058.4	3	2	2	2	3	0	1	0	2	2	1	3	
		Avg	3.00	2.75	2.00	2.00	3.00	1.75	0.50	0.00	2.25	2.00	1.00	3.00	1.94
	IP-43065: Ergonomics	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		IP-43065.1	3	3	2	3	3	2	0	0	3	2	0	3	
		IP-43065.2	2	2	0	2	3	0	0	0	2	2	0	3	
		IP-43065.3	2	3	2	2	3	3	0	0	3	2	0	3	
		IP-43065.4	3	3	2	3	3	2	0	0	3	2	0	3	
		Avg	2.50	2.75	1.50	2.50	3.00	1.75	0.00	0.00	2.75	2.00	0.00	3.00	1.81
		CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	

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	IP-43282: Project Management	IP-43282.1	2	3	0	2	2	0	0	0	2	2	3	3	
		IP-43282.2	3	3	0	2	3	0	0	0	3	2	3	3	
		IP-43282.3	3	3	0	2	3	0	0	0	3	2	3	3	
		IP-43282.4	3	3	0	2	3	0	0	0	2	2	3	3	
		Avg	2.75	3.00	0.00	2.00	2.75	0.00	0.00	0.00	2.50	2.00	3.00	3.00	1.75
	IP-43203: Business Analytics	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		IP-43203.1	1	1	0	0	1	1	0	1	1	1	2	3	
		IP-43203.2	2	1	1	1	3	1	0	2	0	0	2	2	
		IP-43203.3	3	3	3	3	2	1	0	0	0	1	2	2	
		IP-43203.4	3	2	3	3	3	1	0	0	1	2	2	3	
		Avg	2.25	1.75	1.75	1.75	2.25	1.00	0.00	0.75	0.50	1.00	2.00	2.50	1.46
	IP- 43377: Total Quality Management	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		IP-43377.1	1	1	1	1	1	2	2	1	0	1	2	3	
		IP-43377.2	1	1	1	2	1	2	2	1	0	1	2	3	
		IP-43377.3	1	2	3	3	2	2	2	0	0	1	3	3	
		IP-43377.4	1	2	3	3	2	2	2	0	0	1	3	3	
		Avg	1.00	1.50	2.00	2.25	1.50	2.00	2.00	0.50	0.00	1.00	2.50	3.00	1.60
VII	IP-43616: Supply Chain Management	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		P-43616.1	2	3	1	2	2	0	0	0	2	2	0	3	
		P-43616.2	3	3	2	2	3	3	0	0	3	2	0	3	
		P-43616.3	2	3	0	2	3	0	0	0	2	2	0	3	
		P-43616.4	2	3	0	2	3	0	0	0	2	2	0	3	
		Avg	2.25	3.00	0.75	2.00	2.75	0.75	0.00	0.00	2.25	2.00	0.00	3.00	1.56
	IP-43614: Product Management	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		IP-43614.1	3	3	1	3	3	2	2	0	3	2	0	3	
		IP-43614.2	2	3	1	3	2	2	2	1	2	2	0	3	
		IP-43614.3	3	3	0	2	3	3	0	0	3	2	0	3	

PO Target Level Attainment (Direct Assessment) (2022-23)															
Subject Wise Target Session															
Sem	Subject and Codes	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
		IP-43614.4	3	3	0	2	3	0	0	0	3	2	0	3	
		Avg	2.75	3.00	0.50	2.50	2.75	1.75	1.00	0.25	2.75	2.00	0.00	3.00	1.85