KIET GROUP OF INSTITUTIONS, DELHI-NCR, GHAZIABAD
DEPARTMENT OF B. TECH. I YEAR & APPLIED SCIENCES
COs with POs Mapping, B. TECH. I YEAR (2021-22)

Mapping of Course Outcomes with Program Outcomes											
Engineering Physics (KAS 101T/201T)											
PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
CO-1	1	2										3
CO-2	3	3		1	1	1	1				1	3
CO-3	2	2									1	3
CO-4	1	1	1	1								3
CO-5	3	2	2	1	1	1	1				1	3
Avg. Target Level	2	2	1.5	1	1	1	1				1	3

Mapping of Course Outcomes with Program Outcomes											
Engineering Chemistry (KAS 102T/202T)											
PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
CO-1	2	1				1	1					2
CO-2	2	2		2			1		1			1
CO-3	3	3		2			2					1
CO-4	3	3				2	3					3
CO-5	3					2	2					1
Avg. Target Level	2.6	2.25		2		1.67	1.8		1			1.6

Mapping of Course Outcomes with Program Outcomes											
Engineering Mathematics-I (KAS 103T)											
PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
CO-1	2	1			1							1
CO-2	1	2										
CO-3	2	2										1
CO-4	2	1										1
CO-5	2	2										1
Avg. Target Level	1.8	1.6			1							1

Mapping of Course Outcomes with Program Outcomes											
Engineering Mathematics-II (KAS 203T)											
PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
CO-1	2	2						1				1
CO-2	2	2						1				1
CO-3	2	2						1				1
CO-4	2	2						1				1
CO-5	2	2						1				1
Avg. Target Level	2	2						1				1

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Mapping of Course Outcomes with Program Outcomes												
Basic Electrical Engineering (KEE 101T/201T)												
PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
CO-1	2	2					3					2
CO-2	3	2					3					2
CO-3	3	3		2			3					3
CO-4	3	3		2			3					3
CO-5	2					1	3					3
Avg. Target Level	2.6	2.5		2		1	3					2.6

Mapping of Course Outcomes with Program Outcomes												
Emerging Domain in Electronics Engineering (KEC 101T/ 201T)												
PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
CO-1	3	3	3	2	2							2
CO-2	3	3	3	2	2	1	1					2
CO-3	3	3	3	2	2	1	1					3
CO-4	3	3	3	2	2	1	1		1			3
CO-5	2	2	2	3	3	3	3	1	2	2	2	3
Avg. Target Level	2.8	2.8	2.8	2.2	2.2	1.5	1.5	1	1.5	1.5	1	2.6

Mapping of Course Outcomes with Program Outcomes												
Programming for Problem Solving: (KCS 101T/ 201T)												
PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
CO-1	2	2		1	1				2	1		2
CO-2	3		3	1	1				2	1		1
CO-3	3	2		1	1	2			2	1		2
CO-4	3	2	3	1	1	2			2	1		2
CO-5	3	2		1	1	2			2	1		2
Avg. Target Level	2.8	2	3	1	1	2			2	1		1.8

Mapping of Course Outcomes with Program Outcomes												
Fundamental of Mechanical Engineering and Mechatronics (KME 101T/ 201T)												
PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
CO-1	2	2	2			2						2
CO-2	2	2	2			2						2
CO-3	2	2	2			2						2
CO-4						2						2
CO-5						2						2
Avg. Target Level	2	2	2			2						2

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Mapping of Course Outcomes with Program Outcomes											
Soft Skills-I (KNC 101)											
PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
CO-1								1	1	3		1
CO-2						1		1	2			1
Avg. Target Level						1		1	1.5	3		1

Mapping of Course Outcomes with Program Outcomes											
Soft Skills-I (KNC 201)											
PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
CO-1						1				2		1
CO-2								2	1			1
Avg. Target Level						1		2	1	2		1

Mapping of Course Outcomes with Program Outcomes											
Artificial Intelligence for Engineering - (KMC-101)											
PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
CO-1	3	2										3
CO-2	3		3	2								3
CO-3	3	3	3									3
CO-4	3											3
CO-5	3	2	2									3
Avg. Target Level	3	2.33	2.66	2								3

Mapping of Course Outcomes with Program Outcomes											
Emerging Technology for Engineering - (KMC-102)											
PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
CO-1	1	1	3	1		3	1	3	2		2	3
CO-2	1		3	1	2	3	1	3	2		2	3
CO-3	3	3	3	2	2	3	1	3	1		1	3
CO-4	3	3	3	2	2	3	1	2	1		3	3
CO-5	2	2	2	3	3	3	1	1	2		3	3
Avg. Target Level	2	2.25	2.8	1.8	2.25	3	1	2.4	1.6		2.2	3

Mapping of Course Outcomes with Program Outcomes											
Engineering Physics Lab (KAS 151P/251P)											
PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
CO-1	3	2	1			1			2	1		2
CO-2	3	2	1			1			2	1		2
CO-3	3	2	1			1			2	1		2
CO-4	3	2	1			1			2	1		2
CO-5	3	2	1			1			2	1		2
Avg. Target Level	3	2	1			1			2	1		2

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Mapping of Course Outcomes with Program Outcomes											
Engineering Chemistry Lab (KAS 152P/252P)											
PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
CO-1	1	1				1	1					1
CO-2	1	2		2		1	1					1
CO-3	1	3		2		1	1					1
CO-4	1	3				1	1					1
CO-5	1	2				1	1					1
Avg. Target Level	1	2.5		2		1	1					1

Mapping of Course Outcomes with Program Outcomes											
Basic Electrical Engineering Lab (KEE 151P/ 251P)											
PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
CO-1	2	2	1				3					2
CO-2	3	2	2				3					2
CO-3	3	2	2	2			3					3
CO-4	3	2	2	2			3					3
CO-6	2	2	1			1	3					3
Avg. Target Level	2.6	2	1.6	2		1	3					2.6

Mapping of Course Outcomes with Program Outcomes											
Electronics Engineering Lab (KEC 151P/ 251P)											
PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
CO-1	3	3	3	2	2	1	1					2
CO-2	3	3	3	2	2							2
CO-3	3	3	3	2	2	1	1		1			3
CO-4	3	3	3	2	2	1	1					2
CO-5	3	3	3	2	2	1	1					3
Avg. Target Level	3	3	3	2	2	1	1		1			2.4

Mapping of Course Outcomes with Program Outcomes											
Programming for Problem Solving Lab (KCS 151P/ 251P)											
PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
CO-1	3	3	2	1	1							2
CO-2	3	3	2	1	1					2	2	2
CO-3	3	3	2	1	1							2
CO-4	3	3	3	1	1							2
CO-5	3	3	3	1	1					3	3	2
Avg. Target Level	3	3	2.4	1	1					2.5	2.5	2

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Mapping of Course Outcomes with Program Outcomes for session 2020-21											
English Language Lab (KAS-154P/ 254P)											
PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
CO-1								1		3		2
CO-2								1		3		2
CO-3								1		3	1	2
CO-4								1		3		2
CO-5								1	1	3		2
Avg. Target Level								1.0	1.0	3.0	1.0	2.0

Mapping of Course Outcomes with Program Outcomes											
Engineering Graphics and Design Lab (KCE 151P/ 251P)											
PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
CO-1	1	1	1	1	1					1		3
CO-2	3	3	3	3	3							3
CO-3	3	3	3	3	3							3
CO-4	1	1	1	1	1					1		3
CO-5	3	3	3	3	3							3
Avg. Target Level	2.2	2.2	2.2	2.2	2.2					1		3

Mapping of Course Outcomes with Program Outcomes											
Mechanical Workshop Lab (KWS 151P/ 251P)											
PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
CO-1						1	1	3	2	1	1	2
CO-2						1	1	3	2	1	1	2
CO-3						1	1	3	2	1	1	2
CO-4						1	1	3	2	1	1	2
CO-5						1	1	3	2	1	1	2
Avg. Target Level						1	1	3	2	1	1	2