

Department of Education
KURUKSHETRA UNIVERSITY, KURUKSHETRA

M.A Education
SEMESTER-1

Mapping Matrices, Attainment of COs, POs and PSOs

Table 1 (MAEd-101)

CO-PO Mapping matrices

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO 1	3	2	1	2	3	1	2	1	1
CO 2	2	3	1	2	3	2	3	3	2
CO 3	1	2	1	1	1	0	1	1	2
CO 4	2	1	2	2	1	1	1	1	1
CO 5	2	3	1	1	2	2	2	2	2
CO 6	1	2	2	1	1	1	2	3	2
CO 7	1	1	2	2	2	1	3	2	2
CO 8	2	2	2	2	1	1	1	1	1
Average	1.75	2	1.5	1.63	1.75	1.13	1.88	1.75	1.63

Table- 2 (MAEd-102)

CO-PO Mapping matrices

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO 1	3	2	1	2	2	2	3	1	1
CO 2	3	2	1	2	2	1	2	2	2
CO 3	2	2	1	3	2	1	1	2	1
CO 4	3	3	2	1	1	2	1	2	1
CO 5	2	2	1	2	2	1	2	2	2
CO 6	2	3	1	1	1	1	1	1	1
CO 7	3	3	1	2	1	1	2	2	1
CO 8	2	2	2	1	1	2	1	1	2
Average	2.5	2.38	1.25	1.75	1.5	1.38	1.63	1.63	1.38

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Page 1

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Table -3 (MAEd-103)

CO-PO Mapping matrices

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO 1	2	3	1	2	1	1	1	2	1
CO 2	3	2	1	1	2	1	2	1	2
CO 3	2	2	1	1	2	3	2	1	1
CO 4	2	2	2	1	2	2	1	1	1
CO 5	2	1	1	1	2	1	2	1	1
CO 6	3	2	1	2	1	2	2	1	1
CO 7	3	2	2	2	2	2	2	1	2
CO 8	3	3	2	2	2	2	2	1	1
Average	2.5	2.13	1.38	1.5	1.75	1.63	1.75	1.13	1.38

Table -4 (MAEd-104)

CO-PO Mapping matrices

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO 1	3	2	1	1	3	1	2	1	1
CO 2	2	3	1	1	2	1	1	1	1
CO 3	2	2	1	2	1	2	1	2	1
CO 4	2	3	2	3	2	1	2	1	2
CO 5	3	2	1	2	1	1	1	1	1
CO 6	2	3	2	3	2	2	1	1	1
CO 7	3	2	2	2	2	1	1	1	1
CO 8	2	2	1	1	1	1	1	1	2
Average	2.38	2.38	1.38	1.88	1.75	1.25	1.25	1.25	1.25

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CO-PO Mapping matrices

Table -5 (MAEd-105)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO 1	2	2	1	3	3	1	2	1	2
CO 2	2	1	2	2	3	2	1	1	1
CO 3	1	2	1	3	3	1	1	1	1
CO 4	2	1	1	2	2	1	2	1	1
CO 5	1	2	2	2	2	2	1	1	1
CO 6	2	1	1	2	2	1	2	1	2
CO 7	1	2	1	3	2	1	2	1	1
CO 8	2	1	1	2	2	2	1	1	2
Average	1.63	1.5	1.25	2.38	2.38	1.38	1.5	1	1.38

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SEMESTER-1

Mapping Matrices, Attainment of COs, POs and PSOs

Table -6 (MAEd-101)

CO-PSO Mapping matrices

Cos	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6	PSO-7
CO 1	3	2	1	3	2	1	2
CO 2	3	1	2	1	1	2	1
CO 3	2	2	1	2	2	1	1
CO 4	1	1	1	3	1	1	2
CO 5	2	1	2	1	1	1	1
CO 6	2	2	1	3	2	2	1
CO 7	1	1	1	1	1	3	2
CO 8	2	2	1	1	1	1	1
Average	2	1.5	1.25	1.88	1.38	1.5	1.38

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CO-PSO Mapping matrices

Table -7 (MAEd-102)

COs	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6	PSO-7
CO 1	3	2	2	2	2	3	1
CO 2	3	1	1	3	2	2	2
CO 3	3	1	2	2	1	2	1
CO 4	2	2	1	2	1	2	1
CO 5	3	1	1	2	2	0	2
CO 6	3	2	1	1	2	1	1
CO 7	2	1	2	2	1	2	1
CO 8	3	1	1	2	1	2	2
Average	2.75	1.38	1.38	2	1.5	1.75	1.38

CO-PSO Mapping matrices

Table -8 (MAEd-103)

COs	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6	PSO-7
CO 1	3	1	1	3	2	3	1
CO 2	2	2	1	2	1	2	1
CO 3	3	1	1	2	1	2	1
CO 4	2	1	1	2	1	1	2
CO 5	3	2	3	2	1	2	1
CO 6	2	1	1	2	1	3	1
CO 7	3	2	1	2	2	3	1
CO 8	3	1	2	1	2	3	1
Average	2.63	1.38	1.38	2	1.38	2.38	1.13

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Table -9 (MAEd-104)

CO-PSO Mapping matrices

COs	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6	PSO-7
CO 1	2	1	1	3	1	3	2
CO 2	1	2	2	3	1	3	2
CO 3	2	1	2	3	2	3	1
CO 4	1	2	1	3	1	3	2
CO 5	1	1	2	2	1	3	1
CO 6	1	1	2	1	2	3	1
CO 7	1	1	1	3	2	2	2
CO 8	1	1	2	3	1	2	1
Average	1.25	1.25	1.63	2.63	1.38	2.75	1.38

Table -10 (MAEd-105)

CO-PSO Mapping matrices

COs	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6	PSO-7
CO 1	2	1	1	3	1	3	1
CO 2	3	2	2	3	2	3	2
CO 3	2	3	1	3	1	2	2
CO 4	3	2	2	3	2	3	1
CO 5	2	2	2	3	2	3	1
CO 6	1	2	1	3	1	3	2
CO 7	2	1	2	2	1	2	1
CO 8	1	2	2	3	1	3	2
Average	2	1.88	1.63	2.88	1.38	2.75	1.5

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Mapping Matrices, Attainment of COs, POs and PSOs

SEMESTER-1I

Table -11 (MAEd-201)

CO-PO Mapping matrices

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO 1	2	3	1	2	1	1	2	1	1
CO 2	3	2	1	1	2	1	1	1	1
CO 3	2	2	2	1	2	1	2	1	2
CO 4	3	2	1	2	1	2	2	1	1
CO 5	2	3	1	2	2	1	1	2	1
CO 6	3	3	1	2	1	1	2	2	2
CO 7	3	2	2	1	2	1	1	1	1
CO 8	2	3	1	2	2	1	1	2	1
Average	2.5	2.5	1.25	1.63	1.63	1.13	1.5	1.38	1.25

Table -12 (MAEd-202)

CO-PO Mapping matrices

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO 1	2	3	2	1	2	3	2	2	1
CO 2	3	2	1	2	2	2	2	2	1
CO 3	2	1	1	1	2	3	1	1	2
CO 4	1	2	2	1	3	3	3	2	1
CO 5	2	3	1	2	1	2	1	2	1
CO 6	2	1	1	2	2	1	1	1	2
CO 7	3	2	1	2	1	2	1	1	1
CO 8	3	2	2	1	2	1	1	1	1
Average	2.25	2	1.38	1.5	1.88	2.13	1.5	1.5	1.25

Table -13 (MAEd-203)

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CO-PO Mapping matrices

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO 1	2	2	1	2	2	1	2	2	1
CO 2	3	2	2	1	1	2	2	2	2
CO 3	2	3	2	2	2	1	2	1	1
CO 4	3	2	1	3	1	2	1	2	2
CO 5	3	3	2	2	2	2	1	2	2
CO 6	2	3	1	2	2	1	2	1	2
CO 7	3	2	2	2	2	2	1	2	2
CO 8	2	3	1	1	1	1	2	1	1
Average	2.5	2.5	1.5	1.88	1.63	1.5	1.63	1.63	1.63

Table -14 (MAEd-204)

CO-PO Mapping matrices

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO 1	3	3	2	2	2	2	2	1	2
CO 2	3	2	1	2	1	2	2	1	1
CO 3	3	3	2	1	2	2	2	2	1
CO 4	3	3	1	2	2	1	1	2	2
CO 5	3	3	1	1	2	2	1	1	2
CO 6	3	2	1	1	2	1	2	2	1
CO 7	3	3	1	2	2	2	1	1	2
CO 8	3	3	2	2	1	2	2	1	2
Average	3	2.75	1.38	1.63	1.75	1.75	1.63	1.38	1.63

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Table -15 (MAEd-205)

CO-PO Mapping matrices

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO 1	3	3	2	2	2	1	2	1	1
CO 2	3	3	1	2	1	2	1	2	2
CO 3	3	3	1	1	2	2	1	1	1
CO 4	2	3	2	2	1	1	2	2	2
CO 5	2	3	2	2	1	2	2	1	1
CO 6	2	3	2	1	2	2	1	1	2
CO 7	2	3	1	2	1	1	2	2	1
CO 8	2	3	1	2	2	2	2	1	2
Average	2.38	3	1.5	1.75	1.5	1.63	1.63	1.38	1.5

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Mapping Matrices, Attainment of COs, POs and PSOs

SEMESTER-II

Table -16 (MAEd-201)

CO-PSO Mapping matrices

Cos	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6	PSO-7
CO 1	3	2	1	3	1	2	2
CO 2	3	1	1	2	3	2	2
CO 3	3	2	2	2	1	2	1
CO 4	2	2	1	3	2	1	2
CO 5	3	1	1	2	1	2	2
CO 6	3	1	2	2	3	2	1
CO 7	3	2	1	2	3	1	1
CO 8	2	2	1	1	2	2	2
Average	2.75	1.63	1.25	2.13	2	1.75	1.63

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CO-PSO Mapping matrices

Table -17 (MAEd-202)

COs	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6	PSO-7
CO 1	3	2	1	2	2	3	2
CO 2	3	1	1	3	1	2	1
CO 3	3	1	2	2	2	3	1
CO 4	3	2	1	2	1	2	2
CO 5	3	2	2	1	1	2	1
CO 6	3	1	2	1	1	2	1
CO 7	3	2	1	2	1	1	2
CO 8	2	1	2	1	2	2	1
Average	2.88	1.5	1.5	1.75	1.38	2.13	1.38

CO-PSO Mapping matrices

Table -18 (MAEd-203)

COs	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6	PSO-7
CO 1	3	1	1	3	2	2	1
CO 2	3	1	1	2	1	2	2
CO 3	3	1	1	2	1	3	1
CO 4	3	2	0	2	0	2	1
CO 5	3	2	1	1	1	2	1
CO 6	3	1	1	1	1	2	1
CO 7	2	1	1	3	1	2	2
CO 8	3	1	2	2	2	1	1
Average	2.88	1.25	1	2	1.13	2	1.25

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Table -19 (MAEd-204)

CO-PSO Mapping matrices

COs	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6	PSO-7
CO 1	2	2	1	3	2	3	2
CO 2	2	1	2	3	2	3	1
CO 3	1	1	2	3	1	3	2
CO 4	2	1	2	2	2	3	1
CO 5	2	1	2	3	1	3	2
CO 6	1	2	2	3	2	2	2
CO 7	2	1	2	3	2	2	1
CO 8	2	2	2	2	2	3	2
Average	1.75	1.38	1.88	2.75	1.75	2.75	1.63

Table -20 (MAEd-205)

CO-PSO Mapping matrices

COs	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	PSO-6	PSO-7
CO 1	3	1	2	3	1	3	1
CO 2	2	1	2	3	2	3	2
CO 3	2	2	2	2	2	3	1
CO 4	2	1	1	3	1	3	2
CO 5	2	2	2	3	1	3	1
CO 6	1	1	2	2	2	3	2
CO 7	2	2	1	2	1	3	2
CO 8	1	1	2	2	1	3	1
Average	1.88	1.38	1.75	2.5	1.38	3	1.5

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SEMESTER-III

Mapping Matrices, Attainment of COs, POs and PSOs

Table - 21 (MAEd-301)

CO-PO Mapping matrices

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	2	1	1	2	1	1	1
CO2	3	3	1	2	2	1	2	1	2
CO3	3	2	2	2	3	2	2	2	1
CO4	2	3	2	1	2	1	2	1	2
CO5	2	3	1	1	3	1	1	1	1
CO6	3	2	2	2	1	2	2	2	2
CO7	3	2	2	1	2	1	1	1	1
CO8	2	3	1	2	1	2	1	2	1
Average	2.63	2.63	1.63	1.5	1.88	1.5	1.5	1.38	1.38

Table - 22 (MAEd-302)

CO-PO Mapping matrices

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	1	2	2	2	2	1	1
CO2	3	3	2	1	2	1	2	2	1
CO3	3	3	1	1	2	1	1	2	1
CO4	3	3	1	2	1	1	1	1	1
CO5	3	3	1	1	1	2	1	2	1
CO6	3	3	2	2	1	2	1	1	2
CO7	3	2	1	2	1	1	2	1	1
CO8	2	3	1	1	1	2	1	1	1
Average	2.88	2.88	1.25	1.5	1.38	1.5	1.38	1.38	1.13

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Table - 23 (MAEd-303 Opt.A)

CO-PO Mapping matrices

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	1	2	2	2	2	1	1
CO2	3	2	1	1	2	1	2	2	1
CO3	3	3	1	2	2	2	1	1	2
CO4	2	3	2	1	1	1	1	1	1
CO5	3	3	2	2	2	1	2	1	1
CO6	3	2	2	1	1	2	1	2	1
CO7	3	2	1	2	1	1	2	1	2
CO8	3	2	1	1	2	2	1	2	2
Average	2.88	2.5	1.38	1.5	1.63	1.5	1.5	1.38	1.38

Table- 24 (MAEd-303 Opt. B)

CO-PO Mapping matrices

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	1	2	2	3	2	1	2
CO2	3	3	2	1	2	2	2	2	1
CO3	2	3	1	2	1	1	1	1	1
CO4	3	2	2	1	1	2	1	2	1
CO5	3	3	2	1	2	1	2	1	2
CO6	3	3	1	2	1	2	1	1	1
CO7	2	3	2	1	2	2	1	2	1
CO8	3	2	2	2	2	2	2	1	1
Average	2.75	2.75	1.63	1.5	1.63	1.88	1.5	1.38	1.25

Table- 25 (MAEd-303 Opt.C)

CO-PO Mapping matrices

[Type text]

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	1	1	2	1	1	2	1
CO2	3	3	1	1	2	1	1	1	1
CO3	3	2	2	1	1	2	2	1	1
CO4	3	3	1	2	2	1	1	1	2
CO5	3	2	1	1	2	1	1	2	1
CO6	2	3	2	2	1	2	2	2	2
CO7	3	2	2	2	2	1	1	1	1
CO8	3	3	1	2	2	1	1	1	1
Average	2.88	2.63	1.38	1.5	1.75	1.25	1.25	1.38	1.25

Table -26 (MAEd-303 Opt.D)

CO-PO Mapping matrices

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	2	2	3	1	1	1	2
CO2	3	3	3	2	2	2	1	1	2
CO3	3	2	2	2	3	2	1	1	3
CO4	2	3	3	3	2	1	1	1	2
CO5	2	3	3	2	2	2	1	1	1
CO6	3	2	2	1	2	2	2	1	2
CO7	3	3	3	2	3	1	1	1	2
CO8	3	1	3	2	3	2	2	1	3
Average	2.75	2.5	2.63	2	2.5	1.63	1.25	1	2.13

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Table- 27 MAEd-303 Opt.E)

CO-PO Mapping matrices

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	2	1	1	2	1	1	2	1
CO2	2	3	1	2	1	1	2	1	2
CO3	3	2	2	1	2	2	1	1	2
CO4	3	2	1	2	2	1	1	2	1
CO5	2	3	1	2	2	1	2	1	1
CO6	2	3	2	1	1	2	1	1	1
CO7	3	2	2	1	2	2	1	2	2
CO8	3	3	2	1	2	1	2	1	1
Average	2.63	2.5	1.5	1.38	1.75	1.38	1.38	1.38	1.38

Table - 28 (MAEd-304 Opt.A)

CO-PO Mapping matrices

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	2	1	2	2	1	1	1
CO2	3	3	3	1	1	2	1	1	1
CO3	3	3	2	2	2	2	1	1	1
CO4	2	3	3	1	2	1	1	2	1
CO5	3	2	2	2	2	2	2	1	1
CO6	2	3	3	1	2	2	1	1	1
CO7	3	3	1	1	2	1	1	1	1
CO8	3	3	2	2	1	2	2	1	1
Average	2.75	2.88	2.25	1.38	1.75	1.75	1.25	1.13	1

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Table- 29 (MAEd-304 Opt. B)

CO-PO Mapping matrices

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
C01	3	2	2	1	1	1	1	1	1
C02	3	3	2	1	2	1	1	2	1
C03	2	3	2	2	1	2	2	1	1
C04	2	3	3	1	1	2	2	2	2
C05	3	2	1	2	1	1	2	2	1
C06	3	3	3	1	2	2	1	1	1
C07	2	3	2	2	1	2	2	1	1
C08	2	3	2	1	1	1	1	1	1
Average	2.5	2.75	2.13	1.38	1.25	1.5	1.5	1.38	1.13

Table- 30 (MAEd-304 Opt.C)

CO-PO Mapping matrices

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
C01	3	3	1	2	1	1	1	1	2
C02	3	2	1	2	2	1	1	2	1
C03	3	3	1	2	1	1	2	2	1
C04	2	3	1	1	1	2	2	2	2
C05	3	2	2	2	2	2	2	2	2
C06	2	3	1	1	1	1	2	1	1
C07	3	2	1	2	2	1	2	2	2
C08	3	3	1	2	1	2	1	2	2
Average	2.75	2.63	1.13	1.75	1.38	1.38	1.63	1.75	1.63

Table -31 (MAEd-304 Opt.D)

CO-PO Mapping matrices

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	1	1	1	1	2	1	2
CO2	3	3	1	1	1	1	2	1	2
CO3	2	3	2	1	1	2	2	1	2
CO4	3	3	2	2	2	1	1	1	1
CO5	3	2	1	2	2	1	1	1	1
CO6	3	3	2	2	2	1	1	2	1
CO7	3	3	1	1	1	1	2	2	1
CO8	3	3	1	1	1	2	1	2	2
Average	2.88	2.88	1.38	1.38	1.38	1.25	1.5	1.38	1.5

Table- 32 (MAEd-304 Opt.E)

CO-PO Mapping matrices

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	2	1	2	1	1	1	1	1
CO2	3	3	2	2	2	1	2	1	1
CO3	2	3	1	1	1	1	1	2	2
CO4	3	3	2	2	2	1	1	2	1
CO5	3	2	1	2	2	2	1	1	2
CO6	2	3	1	1	1	2	1	1	2
CO7	3	3	1	1	2	1	1	1	1
CO8	3	3	1	1	1	1	1	1	1
Average	2.75	2.75	1.25	1.5	1.5	1.25	1.13	1.25	1.38

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M.A Education
SEMESTER-III

Mapping Matrices, Attainment of COs, POs and PSOs

Table -33 (MAEd-301)

CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	3	1	2	1	1	2
CO2	2	3	2	1	2	3	2
CO3	2	3	1	2	2	2	2
CO4	3	2	2	2	2	1	3
CO5	3	2	2	1	1	2	3
CO6	3	3	1	2	2	3	2
CO7	3	3	2	2	1	3	2
CO8	3	3	1	2	2	3	2
Average	2.75	2.75	1.5	1.75	1.63	2.25	2.25

Table -34 (MAEd-302)

CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	2	2	1	1	3	1	1
CO2	1	3	2	1	3	2	2
CO3	3	3	2	3	3	2	1
CO4	2	2	1	1	3	2	2
CO5	1	3	1	2	3	1	1
CO6	2	2	2	1	3	1	1

[Type text]



C07	2	2	1	1	3	2	1
C08	1	2	2	2	3	1	2
Average	1.75	2.38	1.5	1.5	3	1.5	1.38

Table -35 (MAEd-303 opt-A)

CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
C01	3	1	3	2	2	2	1
C02	3	1	3	2	1	2	2
C03	2	2	3	2	2	1	1
C04	3	1	3	1	2	2	2
C05	3	2	3	2	1	1	2
C06	3	1	3	1	1	2	2
C07	2	1	3	1	2	1	2
C08	2	2	3	1	1	1	1
Average	2.63	1.38	3	1.5	1.5	1.5	1.63

Table -36 (MAEd-303 opt-B)

CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
C01	2	2	1	2	1	3	1
C02	2	1	1	3	1	3	1
C03	2	1	2	2	1	2	1
C04	1	2	1	2	2	3	2
C05	2	2	1	2	1	2	3
C06	1	2	2	1	2	3	1
C07	2	2	1	2	2	3	2
C08	2	2	1	1	1	2	1

[Type text]

Average	1.75	1.75	1.25	1.88	1.38	2.63	1.5
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Table -37 (MAEd-303 opt-C)

CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	1	2	3	2	2	2	2
CO2	2	2	3	2	1	3	1
CO3	2	3	3	2	2	2	1
CO4	2	2	3	1	1	2	2
CO5	2	2	3	2	2	1	1
CO6	2	3	2	1	2	2	1
CO7	3	1	3	2	1	1	2
CO8	2	1	3	2	1	1	1
Average	2	2	2.88	1.75	1.5	1.75	1.38

Table -38 ((MAEd-303 opt-D)

CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	2	1	3	1	1	1	2
CO2	1	2	3	2	1	2	1
CO3	2	1	3	1	1	1	1
CO4	1	2	2	1	1	1	1
CO5	1	1	3	2	1	2	1
CO6	1	1	3	1	1	1	2
CO7	2	1	3	1	1	1	1
CO8	1	1	3	2	1	1	1
Average	1.38	1.25	2.88	1.38	1	1.25	1.25

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[Handwritten signatures]

Table -39 (MAEd-303 opt-E)

CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	1	1	2	1	1	1	1
CO2	1	1	3	1	2	1	1
CO3	1	2	2	1	1	2	2
CO4	1	2	3	2	1	2	1
CO5	1	1	3	1	1	1	1
CO6	2	2	2	2	2	2	2
CO7	1	1	2	2	1	1	1
CO8	1	1	3	1	1	2	1
Average	1.13	1.38	2.5	1.38	1.25	1.5	1.25

Table -40 (MAEd-304 opt-A)

CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	2	1	3	2	1	1	1
CO2	1	1	3	1	1	2	1
CO3	1	2	3	2	2	1	1
CO4	2	1	3	2	1	1	2
CO5	1	1	2	1	1	1	1
CO6	1	1	3	2	2	1	1
CO7	2	1	3	1	1	2	1

[Type text]

CO8	2	1	3	1	2	1	1
Average	1.5	1.13	2.88	1.5	1.38	1.25	1.13

Table -41 (MAEd-304 opt-B)

CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	1	1	3	1	2	2	1
CO2	1	2	3	1	1	1	1
CO3	1	1	3	2	1	2	1
CO4	2	1	3	1	1	1	1
CO5	1	0	2	1	1	1	1
CO6	2	2	3	1	1	1	1
CO7	1	1	2	2	1	1	1
CO8	1	1	3	2	1	1	1
Average	1.25	1.13	2.75	1.38	1.13	1.25	1

Table -42 (MAEd-304 opt-C)

CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	2	2	2	2	1	1	2
CO2	1	1	2	1	1	1	1
CO3	2	1	2	2	1	1	1
CO4	2	1	2	1	1	1	1
CO5	1	1	2	1	1	1	1
CO6	1	2	3	1	1	1	1
CO7	1	1	2	1	1	2	1
CO8	2	1	2	1	1	2	1

[Type text]

Average	1.5	1.25	2.13	1.25	1	1.25	1.13
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CO-PSO Mapping matrices Table -43 (MAEd-304 opt-D)

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	2	1	1	1	1	1	1
CO2	2	1	1	1	1	1	1
CO3	2	1	2	2	1	1	1
CO4	1	1	2	1	1	1	1
CO5	2	1	1	1	2	1	2
CO6	1	1	2	1	1	2	1
CO7	2	2	2	1	1	1	1
CO8	2	1	2	1	1	1	1
Average	1.75	1.13	1.63	1.13	1.13	1.25	1.13

CO-PSO Mapping matrices Table -44 (MAEd-304 opt-E)

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	2	1	1	1	1	1	1
CO2	2	1	2	2	1	1	1
CO3	2	1	1	1	1	2	1
CO4	1	1	1	2	2	2	1
CO5	2	2	1	2	2	1	1
CO6	2	2	1	1	1	2	1
CO7	1	1	1	1	1	1	2

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CO8	1	1	1	1	2	1	2
Average	1.63	1.25	1.13	1.38	1.38	1.38	1.25

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Mapping Matrices, Attainment of COs, POs and PSOs

Table - 45 (MAEd-402)

CO-PO Mapping matrices

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	2	1	2	2	1	1	1
CO2	3	3	2	1	1	1	1	1	1
CO3	2	3	2	2	2	2	2	1	2
CO4	2	3	2	1	1	1	2	1	1
CO5	3	2	1	1	2	2	1	1	1
CO6	3	3	2	1	1	1	2	2	1
CO7	3	3	1	1	1	1	1	1	2
CO8	3	3	1	1	1	1	1	1	1
Average	2.75	2.88	1.63	1.13	1.38	1.38	1.38	1.13	1.25

Table - 46 (MAEd-403)

CO-PO Mapping matrices

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COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	2	3	1	2	2	1	2	1	1
CO2	3	3	1	1	2	1	2	0	1
CO3	3	2	2	1	1	2	1	1	1
CO4	2	3	1	1	1	1	2	2	2
CO5	2	3	1	2	1	1	1	1	1
CO6	3	3	1	1	1	2	1	1	1
CO7	2	2	1	1	2	1	2	1	1
CO8	3	3	1	1	1	2	1	1	1
Average	2.5	2.75	1.13	1.25	1.38	1.38	1.5	1	1.13

Table - 47 (MAEd-404 opt-A)

CO-PO Mapping matrices

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	1	2	2	1	2	1	1
CO2	2	3	1	1	1	1	1	2	1
CO3	3	2	2	1	2	2	2	1	2
CO4	3	2	1	2	2	1	1	2	1
CO5	2	2	1	1	1	1	1	1	1
CO6	2	3	2	2	1	1	2	1	1
CO7	3	2	1	1	1	1	1	2	1
CO8	3	3	1	1	2	1	1	1	2
Average	2.63	2.5	1.25	1.38	1.5	1.13	1.38	1.38	1.25

Table - 48 (MAEd-404 opt-B)

CO-PO Mapping matrices

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	1	3	1	1	2	1	1	1
CO2	2	2	3	1	2	2	1	1	1
CO3	3	3	2	2	1	1	1	1	2
CO4	3	3	3	1	1	2	1	2	1

[Type text]

C05	3	2	3	2	1	1	1	1	1
C06	3	1	2	1	2	2	2	1	1
C07	3	1	3	2	1	2	2	1	2
C08	3	1	3	1	1	2	1	2	1
Average	2.88	1.75	2.75	1.38	1.25	1.75	1.25	1.25	1.25

Table - 49 (MAEd-404 opt-C)

CO-PO Mapping matrices

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
C01	3	3	1	1	1	1	1	2	1
C02	2	3	1	1	2	1	1	1	1
C03	3	2	1	2	1	1	2	1	1
C04	3	3	1	1	2	2	2	1	2
C05	2	3	1	1	1	1	1	2	1
C06	3	2	2	1	1	1	1	1	1
C07	3	3	1	1	1	1	1	1	1
C08	3	2	2	1	1	1	2	1	2
Average	2.75	2.63	1.25	1.13	1.25	1.13	1.38	1.38	1.25

Table - 50 (MAEd-404 opt-D)

CO-PO Mapping matrices

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
C01	2	3	2	2	2	1	1	1	2
C02	3	3	1	1	2	2	2	1	1

[Type text]

[Handwritten signatures]

CO3	3	2	2	2	1	1	1	2	1
CO4	2	3	1	1	2	2	1	1	1
CO5	3	3	2	1	1	1	2	1	1
CO6	3	3	2	1	1	1	1	1	2
CO7	3	3	1	2	1	2	1	1	2
CO8	3	3	1	1	2	1	2	2	1
Average	2.75	2.88	1.5	1.38	1.5	1.38	1.38	1.25	1.38

CO-PO Mapping matrices Table - 51 (MAEd-404 opt-E)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	2	3	0	1	2	0	1	2	1
CO2	3	3	1	2	1	1	0	1	1
CO3	2	2	1	1	0	1	1	1	1
CO4	3	3	0	1	1	1	1	1	1
CO5	3	2	1	1	1	1	1	1	1
CO6	2	3	1	1	1	1	1	1	1
CO7	2	3	0	1	0	1	1	1	1
CO8	2	2	1	1	0	1	1	2	1
Average	2.38	2.63	0.63	1.13	0.88	0.88	1	1.25	0.88

CO-PO Mapping matrices Table - 52 (MAEd-405 opt-A)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	0	1	1	1	0	1	0

[Type text]

CO2	2	3	1	1	1	1	2	1	1
CO3	3	2	1	1	1	1	1	1	1
CO4	3	2	2	1	2	1	1	0	1
CO5	2	3	1	2	1	2	1	1	1
CO6	2	3	1	1	1	1	1	1	0
CO7	2	2	2	1	1	1	1	0	1
CO8	2	2	1	1	1	1	1	1	1
Average	2.38	2.5	1.13	1.13	1.13	1.13	1	0.75	0.75

Table - 53 (MAEd-405 opt-B)

CO-PO Mapping matrices

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	2	1	1	1	0	1	1	1
CO2	3	2	1	1	1	1	1	1	1
CO3	3	3	1	1	1	1	2	1	1
CO4	3	2	2	1	2	1	1	1	2
CO5	2	3	1	2	1	0	1	2	1
CO6	2	3	1	1	2	1	1	1	1
CO7	3	2	1	1	1	1	1	1	2
CO8	2	2	2	1	1	0	1	1	1
Average	2.63	2.38	1.25	1.13	1.25	0.63	1.13	1.13	1.25

Table - 54 (MAEd-405 opt-C)

CO-PO Mapping matrices

[Type text]

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	1	1	1	1	1	1	1
CO2	2	2	1	2	1	1	1	2	1
CO3	3	3	1	1	2	1	2	1	1
CO4	3	2	1	1	1	1	1	2	2
CO5	2	3	1	2	1	1	1	1	1
CO6	2	3	1	1	1	0	2	1	1
CO7	2	2	0	1	2	1	1	2	2
CO8	2	2	1	0	1	1	1	1	1
Average	2.38	2.5	0.88	1.13	1.25	0.88	1.25	1.38	1.25

CO-PO Mapping matrices

Table - 55 (MAEd-405 opt-D)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	2	1	1	1	1	2	1	1
CO2	2	3	1	1	1	1	2	1	1
CO3	3	2	1	1	1	1	1	1	1
CO4	3	2	2	1	1	2	2	1	1
CO5	2	2	1	0	2	1	1	0	2
CO6	2	3	1	1	1	1	1	1	1
CO7	3	2	1	1	1	1	1	1	1
CO8	3	3	1	0	2	1	0	1	2
Average	2.63	2.38	1.13	0.75	1.25	1.13	1.25	0.88	1.25

CO-PO Mapping matrices

Table - 56 (MAEd-405 opt-E)

[Type text]

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	2	1	2	0	0	1	1	1
CO2	2	3	1	2	1	1	0	1	1
CO3	3	3	1	1	1	1	1	1	1
CO4	2	3	2	1	2	1	2	1	1
CO5	3	2	1	1	1	2	1	1	1
CO6	2	3	1	0	1	1	1	1	1
CO7	3	3	1	1	2	2	1	1	1
CO8	3	3	1	1	1	1	1	1	1
Average	2.63	2.75	1.13	1.13	1.13	1.13	1	1	1

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Mapping Matrices, Attainment of COs, POs and PSOs

Table -57 (MAEd-402)

CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	1	2	1	1	1	2
CO2	3	2	2	1	2	2	2
CO3	3	1	1	2	2	1	2
CO4	3	1	1	2	1	2	1
CO5	3	2	1	1	2	1	2
CO6	2	1	2	2	2	2	2
CO7	3	1	1	2	1	1	1
CO8	3	1	2	1	2	1	2
Average	2.88	1.25	1.5	1.5	1.63	1.38	1.75

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Table -58 (MAEd-403)

CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	2	2	2	1	3	1	1
CO2	1	1	1	1	3	2	1
CO3	3	1	1	3	3	1	2
CO4	2	2	1	1	3	2	1
CO5	3	1	2	2	3	1	1
CO6	3	2	1	1	3	1	1
CO7	2	1	2	1	3	1	2
CO8	3	1	1	1	3	2	1
Average	2.38	1.38	1.38	1.38	3	1.38	1.25

Table -59 (MAEd-404 opt-A)

CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	1	1	3	2	1	2	1
CO2	3	1	3	2	1	2	1
CO3	1	1	3	1	2	1	2
CO4	3	2	2	2	1	1	1
CO5	2	1	3	1	2	2	2
CO6	3	1	2	1	1	1	1
CO7	2	1	3	2	1	1	2
CO8	3	1	3	1	2	1	1
Average	2.25	1.13	2.75	1.5	1.38	1.38	1.38

Table -60 (MAEd-404 opt-B)

[Type text]

CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	2	1	2	1	2	1
CO2	2	1	1	2	1	2	2
CO3	2	1	2	2	2	2	1
CO4	3	2	1	1	1	1	2
CO5	2	1	2	1	2	1	1
CO6	3	1	1	1	1	2	2
CO7	2	2	2	2	1	2	1
CO8	3	1	1	1	2	1	1
Average	2.5	1.38	1.38	1.5	1.38	1.63	1.38

Table -61 (MAEd-404 opt-C)

CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	1	1	3	2	2	2	2
CO2	2	1	3	1	1	3	2
CO3	2	1	3	1	2	2	1
CO4	1	2	2	1	1	1	1
CO5	1	1	3	2	1	1	2
CO6	2	1	3	1	1	1	1
CO7	1	2	2	1	1	2	1
CO8	1	2	2	2	1	1	2
Average	1.38	1.38	2.63	1.38	1.25	1.63	1.5

[Type text]

CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	2	1	2	1	2	1
CO2	2	1	1	2	1	2	2
CO3	2	1	2	2	2	2	1
CO4	3	2	1	1	1	1	2
CO5	2	1	2	1	2	1	1
CO6	3	1	1	1	1	2	2
CO7	2	2	2	2	1	2	1
CO8	3	1	1	1	2	1	1
Average	2.5	1.38	1.38	1.5	1.38	1.63	1.38

Table -61 (MAEd-404 opt-C)

CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	1	1	3	2	2	2	2
CO2	2	1	3	1	1	3	2
CO3	2	1	3	1	2	2	1
CO4	1	2	2	1	1	1	1
CO5	1	1	3	2	1	1	2
CO6	2	1	3	1	1	1	1
CO7	1	2	2	1	1	2	1
CO8	1	2	2	2	1	1	2
Average	1.38	1.38	2.63	1.38	1.25	1.63	1.5

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Table -62 (MAEd-404 opt-D)

CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	2	1	3	1	1	1	2
CO2	1	2	2	2	0	2	1
CO3	1	1	3	1	2	1	2
CO4	1	1	2	1	0	1	1
CO5	1	2	3	1	1	2	1
CO6	1	1	3	2	1	1	2
CO7	1	1	2	1	2	1	1
CO8	1	2	2	1	0	1	1
Average	1.13	1.38	2.5	1.25	0.88	1.25	1.38

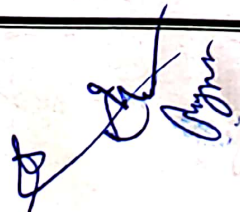
Table -63 (MAEd-404 opt-E)

CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	1	1	2	1	1	1	1
CO2	1	1	3	1	1	1	1
CO3	1	2	2	1	1	2	2
CO4	1	1	3	2	2	2	1
CO5	1	1	2	1	1	1	1
CO6	1	1	2	1	1	1	2
CO7	2	2	1	2	2	2	1
CO8	1	1	1	1	1	1	1
Average	1.13	1.25	2	1.25	1.25	1.38	1.25

Table -64 (MAEd-405 opt-A)

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CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	2	1	3	1	1	1	1
CO2	1	2	3	1	1	2	2
CO3	1	1	3	2	1	1	1
CO4	1	1	3	2	1	1	1
CO5	2	1	3	1	1	2	1
CO6	1	1	2	1	1	1	1
CO7	1	1	3	2	1	1	1
CO8	1	1	3	1	2	1	2
Average	1.25	1.13	2.88	1.38	1.13	1.25	1.25

Table -65 ((MAEd-405 opt-B)

CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	1	1	3	1	1	2	1
CO2	1	1	2	1	1	1	0
CO3	1	2	3	2	1	1	1
CO4	1	1	3	1	2	2	1
CO5	2	1	2	1	1	1	0
CO6	1	2	3	1	1	1	1
CO7	2	1	3	2	1	2	1
CO8	1	1	2	1	2	1	1
Average	1.25	1.25	2.63	1.25	1.25	1.38	0.75

Table -66 ((MAEd-405 opt-C)

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CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	2	2	2	2	1	1	1
CO2	1	1	2	1	1	1	2
CO3	1	1	1	2	1	1	1
CO4	2	1	2	1	1	1	1
CO5	1	1	1	1	0	1	1
CO6	1	2	1	1	1	1	1
CO7	2	1	2	2	1	2	1
CO8	1	1	1	1	1	2	1
Average	1.38	1.25	1.5	1.38	0.88	1.25	1.13

Table -67 ((MAEd-405 opt-D)

CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	2	2	2	1	1	1	2
CO2	1	1	2	1	1	1	1
CO3	2	1	1	2	0	1	1
CO4	1	2	2	1	1	1	1
CO5	1	1	2	1	1	1	1
CO6	1	1	2	1	1	1	1
CO7	1	1	1	1	1	2	1
CO8	1	1	2	0	1	2	1
Average	1.25	1.25	1.75	1	0.88	1.25	1.13

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Table -68 ((MAEd-405 opt-E)

CO-PSO Mapping matrices

COs	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	1	1	1	1	2	1	1
CO2	2	1	2	1	1	1	1
CO3	1	1	2	1	1	2	2
CO4	2	2	2	2	2	1	1
CO5	1	1	1	1	1	2	1
CO6	1	1	2	1	1	1	2
CO7	2	1	2	1	2	1	1
CO8	1	2	1	2	1	1	1
Average	1.38	1.25	1.63	1.25	1.38	1.25	1.25

Table -69

Table: CO-PO-PSO Mapping matrix for M.A. Education (KUK)

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7
MAEd-101	1.75	2	1.5	1.63	1.75	1.13	1.88	1.75	1.63	2	1.5	1.25	1.88	1.38	1.5	1.38
MAEd-102	2.5	2.38	1.25	1.75	1.5	1.38	1.63	1.63	1.38	2.75	1.38	1.38	2	1.5	1.75	1.38
MAEd-103	2.5	2.13	1.38	1.5	1.75	1.63	1.75	1.13	1.38	2.63	1.38	1.38	2	1.38	2.38	1.13
MAEd-104	2.38	2.38	1.38	1.88	1.75	1.25	1.25	1.25	1.25	1.25	1.25	1.63	2.63	1.38	2.75	1.38
MAEd-105	1.63	1.5	1.25	2.38	2.38	1.38	1.5	1	1.38	2	1.88	1.63	2.88	1.38	2.75	1.5
MAEd-201	2.5	2.5	1.25	1.63	1.63	1.13	1.5	1.38	1.25	2.75	1.63	1.25	2.13	2	1.75	1.63
MAEd-	2.25	2	1.38	1.5	1.88	2.13	1.5	1.5	1.25	2.88	1.5	1.5	1.75	1.38	2.13	1.38

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202																	
MAEd-203	2.5	2.5	1.5	1.88	1.63	1.5	1.63	1.63	1.63	2.88	1.25	1	2	1.13	2	1.25	
MAEd-204	3	2.75	1.38	1.63	1.75	1.75	1.63	1.38	1.63	1.75	1.38	1.88	2.75	1.75	2.75	1.63	
MAEd-205	2.38	3	1.5	1.75	1.5	1.63	1.63	1.38	1.5	1.88	1.38	1.75	2.5	1.38	3	1.5	
MAEd-301	2.63	2.63	1.63	1.5	1.88	1.5	1.5	1.38	1.38	2.75	2.75	1.5	1.75	1.63	2.25	2.25	
MAEd-302	2.88	2.88	1.25	1.5	1.38	1.5	1.38	1.38	1.13	1.75	2.38	1.5	1.5	3	1.5	1.38	
MAEd-303 (A)	2.88	2.5	1.38	1.5	1.63	1.5	1.5	1.38	1.38	2.63	1.38	3	1.5	1.5	1.5	1.63	
MAEd-303 (B)	2.75	2.75	1.63	1.5	1.63	1.88	1.5	1.38	1.25	1.75	1.75	1.25	1.88	1.38	2.63	1.5	
MAEd-303 (C)	2.88	2.63	1.38	1.5	1.75	1.25	1.25	1.38	1.25	2	2	2.88	1.75	1.5	1.75	1.38	
MAEd-303 (D)	2.75	2.5	2.63	2	2.5	1.63	1.25	1	2.13	1.38	1.25	2.88	1.38	1	1.25	1.25	
MAEd-303 (E)	2.63	2.5	1.5	1.38	1.75	1.38	1.38	1.38	1.38	1.13	1.38	2.5	1.38	1.25	1.5	1.25	
MAEd-304 (A)	2.75	2.88	2.25	1.38	1.75	1.75	1.25	1.13	1	1.5	1.13	2.88	1.5	1.38	1.25	1.13	
MAEd-304 (B)	2.5	2.75	2.13	1.38	1.25	1.5	1.5	1.38	1.13	1.25	1.13	2.75	1.38	1.13	1.25	1	
MAEd-304 (C)	2.75	2.63	1.13	1.75	1.38	1.38	1.63	1.75	1.63	1.5	1.25	2.13	1.25	1	1.25	1.13	
MAEd-304 (D)	2.88	2.88	1.38	1.38	1.38	1.25	1.5	1.38	1.5	1.75	1.13	1.63	1.13	1.13	1.25	1.13	
MAEd-304 (E)	2.75	2.75	1.25	1.5	1.5	1.25	1.13	1.25	1.38	1.63	1.25	1.13	1.38	1.38	1.38	1.25	
MAEd-402	2.75	2.88	1.63	1.13	1.38	1.38	1.38	1.13	1.25	2.88	1.25	1.5	1.5	1.63	1.38	1.75	
MAEd-403	2.5	2.75	1.13	1.25	1.38	1.38	1.5	1	1.13	2.38	1.38	1.38	1.38	3	1.38	1.25	
MAEd-404 (A)	2.63	2.5	1.25	1.38	1.5	1.13	1.38	1.38	1.25	2.25	1.13	2.75	1.5	1.38	1.38	1.38	
MAEd-404 (B)	2.88	1.75	2.75	1.38	1.25	1.75	1.25	1.25	1.25	2.5	1.38	1.38	1.5	1.38	1.63	1.38	
MAEd-404 (C)	2.75	2.63	1.25	1.13	1.25	1.13	1.38	1.38	1.25	1.38	1.38	2.63	1.38	1.25	1.63	1.5	
MAEd-404 (D)	2.75	2.88	1.5	1.38	1.5	1.38	1.38	1.25	1.38	1.13	1.38	2.5	1.25	0.88	1.25	1.38	
MAEd-404 (E)	2.38	2.63	0.63	1.13	0.88	0.88	1	1.25	0.88	1.13	1.25	2	1.25	1.25	1.38	1.25	
MAEd-	2.38	2.5	1.13	1.13	1.13	1.13	1	0.75	0.75	1.25	1.13	2.88	1.38	1.13	1.25	1.25	

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405 (A)																
MAEd-405 (B)	2.63	2.38	1.25	1.13	1.25	0.63	1.13	1.13	1.25	1.25	1.25	2.63	1.25	1.25	1.38	0.75
MAEd-405 (C)	2.38	2.5	0.88	1.13	1.25	0.88	1.25	1.38	1.25	1.38	1.25	1.5	1.38	0.88	1.25	1.13
MAEd-405 (D)	2.63	2.38	1.13	0.75	1.25	1.13	1.25	0.88	1.25	1.25	1.25	1.75	1	0.88	1.25	1.13
MAEd-405 (E)	2.63	2.75	1.13	1.13	1.13	1.13	1	1	1	1.38	1.25	1.63	1.25	1.38	1.25	1.25

C. Attainment of COs:

CO Attainment levels for Internal Assessment

Attainment Level	
1 (Low level of attainment)	40 % of students score more than 60% of marks in internal assessment and end semester examination
2 (Medium level of attainment)	50 % of students score more than 60% of marks in internal assessment and end semester examination
3 (High level of attainment)	60 % of students score more than 60% of marks in internal assessment and end semester examination

CO Attainment levels for End Semester Examination (ESE)

Attainment Level	
1 (Low level of attainment)	50 % of students score more than 60% of marks in internal assessment and end semester examination
2 (Medium level of attainment)	60 % of students score more than 60% of marks in internal assessment and end semester examination
3 (High level of attainment)	70 % of students score more than 60% of marks in internal assessment and end semester examination

Overall CO Attainment level:

Overall COs attainment level=50% of CO attainment level in Internal Assessment+50% of CO attainment level in End Semester Examination

D. Attainment of POs:

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Page 37

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The overall attainment level of POs is based on the values obtained by using direct and indirect methods in the ratio 80:20. PO attainment values obtained using direct methods are computed as detailed in Table below.

PO Attainment Values using Direct Method

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
MAEd-101									
MAEd-102									
MAEd-103									
MAEd-104									
MAEd-105									
MAEd-201									
MAEd-202									
MAEd-203									
MAEd-204									
MAEd-205									
MAEd-301									
MAEd-302									
MAEd-303 (A)									
MAEd-303 (B)									
MAEd-303 (C)									
MAEd-303 (D)									
MAEd-303 (E)									
MAEd-304 (A)									
MAEd-304 (B)									
MAEd-304 (C)									
MAEd-304 (D)									
MAEd-304 (E)									
MAEd-402									
MAEd-403									
MAEd-404 (A)									
MAEd-404 (B)									
MAEd-404 (C)									

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MAEd-404 (D)									
MAEd-404 (E)									
MAEd-405 (A)									
MAEd-405 (B)									
MAEd-405 (C)									
MAEd-405 (D)									
MAEd-405 (E)									
Direct PO Attainment	Average of above values	Average of above values	Average of above values	Average of above values	Average of above values	Average of above values			

The PO attainment values to be filled in the above table can be obtained as follows:

For course I -PO1 Cell: PO1 attainment value = (Mapping factor of Course-I- PO1 from above Table Overall CO attainment value for the course Course-I)/3.

Same method can be used to obtain attainment values for the other POs.

In order to obtain the PO attainment using the indirect method, a student exit survey based on questionnaire of POs may be conducted at the end of last semester of the program, as per the following format:

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**Questionnaire for indirect measurement of PO attainment
(For outgoing students)**

At the end of my degree program I am able to do:

	Please tick any one		
Acquire the understanding about human growth and development with respect to application educational psychology	3	2	1
Understand / analyse the issues related with societies, concern of curriculum, evaluating government policies and provision on education.	3	2	1
Develop understanding of nature of assessment and evaluation, develop/ device assessment technique of evaluation of students, using assessment and evaluation techniques for guidance and counselling of students.	3	2	1
Develop understanding about the concept of disability and exploring the ways and possibilities of special education of learners with diverse needs.	3	2	1
Understand methodology of research and its possibilities in various areas of education.	3	2	1
Develop understanding problem and process of educational management and administration.	3	2	1
Indirect PO attainment	Average of the responses from the outgoing students for each PO		
Scale: 3: Strongly Agree; 2: Agree; 1: Average			

The overall PO attainment values are obtained by adding attainment values estimated using direct and indirect methods in the proportion of 80:20 as follows:

Overall attainment value for PO1 = $0.8 \times$ average attainment value for PO1 using direct method (from table 7) + $0.2 \times$ average response of outgoing students for PO1.

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Overall PO attainment values

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Direct PO attainment									
Indirect PO attainment									
Overall PO attainment									
Target	2	2	2	2	1.5	2			

The overall PSO attainment level based on CO-PSO mapping values and overall CO attainment values can be obtained in a similar manner.

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