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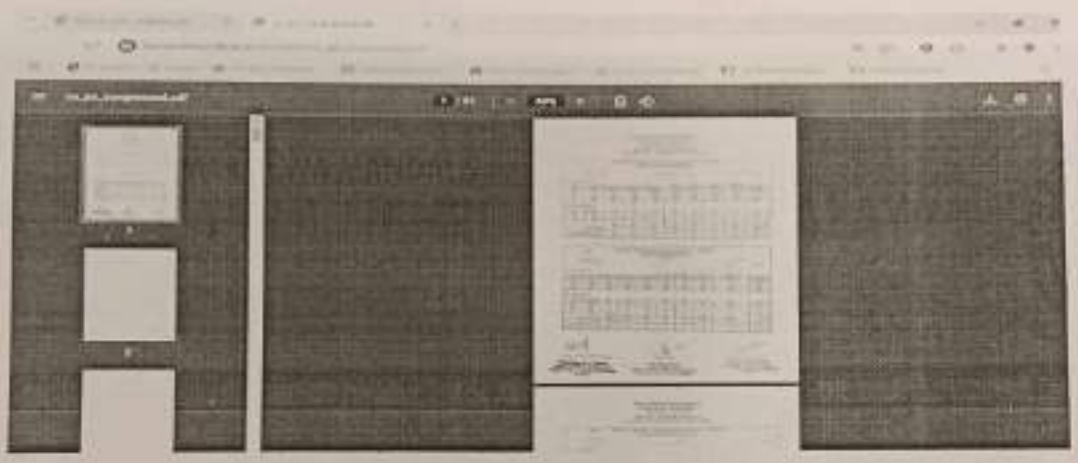
Program Outcomes and Course Outcomes are displayed on website



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KAMLA NEHRU MAHAVIDYALAYA NAGPUR

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Session: 2023-24
Bachelor of Cosmetic Technology Semester VIII
CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
MISS. DIPENTI POHARE	COSMETIC TECHNOLOGY S8-T1	Summer 2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.40	2.88
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.20	2.84

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.96	3	3	3	2	2	3	2	3
CO2	2.92	3	3	3	2	2	3	2	3
CO3	2.88	3	3	3	2	2	3	2	3
CO4	2.84	3	3	3	2	2	2	2	2
		34.80	34.80	34.80	23.20	23.20	31.96	23.20	31.96
	TOTAL WEIGHT	12	12	12	8	8	11	8	11
ATTAINMENT OF POs		2.90	2.90	2.90	2.90	2.90	2.91	2.90	2.91

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
MISS. MAHIMA RAUT	COSMETIC TECHNOLOGY S8-T2	Summer 2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.40	2.88
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.20	2.84

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.96	3	3	3	2	2	3	2	2
CO2	2.92	3	3	3	2	2	3	2	2
CO3	2.88	3	3	3	2	2	3	2	2
CO4	2.84	3	3	3	2	2	3	2	2
		34.80	34.80	34.80	23.20	23.20	34.80	23.20	23.20
	TOTAL WEIGHT	12	12	12	8	8	12	8	8
ATTAINMENT OF POs		2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90

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Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Session: 2023-24
Bachelor of Cosmetic Technology Semester VIII
CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
MRS.MINAKSHI BOKDE	COSMETIC TECHNOLOGY S8-T3	Summer 2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.40	2.88
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.80	2.96

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.92	3	3	2	1	2	3	2	2
CO2	2.92	3	3	2	1	2	3	2	2
CO3	2.88	3	3	2	1	2	3	2	2
CO4	2.96	3	3	2	1	2	3	2	2
		35.04	35.04	23.36	11.68	23.36	35.04	23.36	23.36
	TOTAL WEIGHT	12	12	8	4	8	12	8	8
ATTAINMENT OF POs		2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
MRS.RADHIKA MOHOD	COSMETIC TECHNOLOGY S8-T4	Summer 2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.60	2.92
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.60	2.92

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.92	3	3	2	2	2	3	1	2
CO2	2.96	3	3	2	2	2	3	1	2
CO3	2.92	3	3	2	2	2	3	1	2
CO4	2.92	3	3	2	2	2	3	1	2
		35.16	35.16	23.44	23.44	23.44	35.16	11.72	23.44
	TOTAL WEIGHT	12	12	8	8	8	12	4	8
ATTAINMENT OF POs		2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93

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Department of Cosmetic Technology
Session: 2023-24
Bachelor of Cosmetic Technology Semester VIII
CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION	
MRS. RADHIKA MOHOD	COSMETIC TECHNOLOGY S8-T5	Summer	2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.20	2.84
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	3.00	3.00

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.92	3	3	3	3	2	3	2	2
CO2	2.96	3	3	3	3	2	3	2	2
CO3	2.84	3	3	3	3	2	3	2	2
CO4	3.00	3	3	3	3	2	3	2	2
		35.16	35.16	35.16	35.16	23.44	35.16	23.44	23.44
	TOTAL WEIGHT	12	12	12	12	8	12	8	8
ATTAINMENT OF POs		2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION	
MRS.ZEBA KHAN	COSMETIC TECHNOLOGY S8-T6	Summer	2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.20	2.84
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	1.80	2.76

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.96	3	3	2	2	2	3	2	3
CO2	2.92	3	3	2	2	2	3	2	3
CO3	2.84	3	3	2	2	2	3	2	3
CO4	2.76	3	3	2	2	2	2	2	2
		34.44	34.44	22.96	22.96	22.96	31.68	22.96	31.68
	TOTAL WEIGHT	12	12	8	8	8	11	8	11
ATTAINMENT OF POs		2.87	2.87	2.87	2.87	2.87	2.88	2.87	2.88

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Department of Cosmetic Technology
Session: 2022-23
Bachelor of Cosmetic Technology Semester VIII
CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
MISS. DIPENTI POHARE	COSMETIC TECHNOLOGY S8-T1	Summer 2022-23

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.40	2.88
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.20	2.84

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.96	3	3	3	2	2	3	2	3
CO2	2.92	3	3	3	2	2	3	2	3
CO3	2.88	3	3	3	2	2	3	2	3
CO4	2.84	3	3	3	2	2	2	2	2
		34.80	34.80	34.80	23.20	23.20	31.96	23.20	31.96
	TOTAL WEIGHT	12	12	12	8	8	11	8	11
ATTAINMENT OF POs		2.90	2.90	2.90	2.90	2.90	2.91	2.90	2.91

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
MISS. MAHIMA RAUT	COSMETIC TECHNOLOGY S8-T2	Summer 2022-23

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.40	2.88
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.20	2.84

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.96	3	3	3	2	2	3	2	2
CO2	2.92	3	3	3	2	2	3	2	2
CO3	2.88	3	3	3	2	2	3	2	2
CO4	2.84	3	3	3	2	2	3	2	2
		34.80	34.80	34.80	23.20	23.20	34.80	23.20	23.20
	TOTAL WEIGHT	12	12	12	8	8	12	8	8
ATTAINMENT OF POs		2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90

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KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION	
MRS.MINAKSHI BOKDE	COSMETIC TECHNOLOGY S8-T3	Summer	2022-23

CO ATTAINMENT

COURSE OUTCOME	TEST / ASSIGNMENT / PROJECT / OJT / INTERNS ATTAINMEN	ATTAINMEN	ATTAINMEN	ATTAINMEN	20% AVERAGE ATTAINMEN	80% AVERAGE ATTAINMEN	80% DIRECT CO ATTAINMEN	20% NDIRECT CO ATTAINMEN	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.40	2.88
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.80	2.96

PO ATTAINMENT

CO/PO	ATTAINMEN	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.92	3	3	2	1	2	3	2	2
CO2	2.92	3	3	2	1	2	3	2	2
CO3	2.88	3	3	2	1	2	3	2	2
CO4	2.96	3	3	2	1	2	3	2	2
		35.04	35.04	23.36	11.68	23.36	35.04	23.36	23.36
TOTAL WEIGHT		12	12	8	4	8	12	8	8
ATTAINMENT OF POs		2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION	
MISS.RUCHIRA GAJBHIYE	COSMETIC TECHNOLOGY S8-T4	Summer	2022-23

CO ATTAINMENT

COURSE OUTCOME	TEST / ASSIGNMENT / PROJECT / OJT / INTERN ATTAINMEN	ATTAINMEN	ATTAINMEN	ATTAINMEN	20% AVERAGE ATTAINMEN	80% AVERAGE ATTAINMEN	80% DIRECT CO ATTAINMEN	20% NDIRECT CO ATTAINMEN	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.60	2.92
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.60	2.92

PO ATTAINMENT

CO/PO	ATTAINMEN	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.92	3	3	3	2	2	3	1	2
CO2	2.96	3	3	3	2	2	3	1	2
CO3	2.92	3	3	3	2	2	3	1	2
CO4	2.92	3	3	3	2	2	3	1	2
		35.16	35.16	35.16	23.44	23.44	35.16	11.72	23.44
TOTAL WEIGHT		12	12	12	8	8	12	4	8
ATTAINMENT OF POs		2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93

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KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
MRS. RADHIKA MOHOD	COSMETIC TECHNOLOGY S8-T5	Summer 2022-23

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.20	2.84
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	3.00	3.00

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.92	3	3	3	3	2	3	2	2
CO2	2.96	3	3	3	3	2	3	2	2
CO3	2.84	3	3	3	3	2	3	2	2
CO4	3.00	3	3	3	3	2	3	2	2
		35.16	35.16	35.16	35.16	23.44	35.16	23.44	23.44
	TOTAL WEIGHT	12	12	12	12	8	12	8	8
ATTAINMENT OF POs		2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
MISS. RUCHIRA GAJBHIYE	COSMETIC TECHNOLOGY S8-T6	Summer 2022-23

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.20	2.84
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	1.80	2.76

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.96	3	3	2	2	2	3	2	3
CO2	2.92	3	3	2	2	2	3	2	3
CO3	2.84	3	3	2	2	2	3	2	3
CO4	2.76	3	3	2	2	2	2	2	2
		34.44	34.44	22.96	22.96	22.96	31.68	22.96	31.68
	TOTAL WEIGHT	12	12	8	8	8	11	8	11
ATTAINMENT OF POs		2.87	2.87	2.87	2.87	2.87	2.88	2.87	2.88

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KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
MISS. DIPENTI POHARE	COSMETIC TECHNOLOGY S8-T1	Summer 2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.40	2.83
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.20	2.84

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.96	3	3	3	2	2	3	2	3
CO2	2.92	3	3	3	2	2	3	2	3
CO3	2.83	3	3	3	2	2	3	2	3
CO4	2.84	3	3	3	2	2	2	2	2
		34.80	34.80	34.80	23.20	23.20	31.96	23.20	31.96
	TOTAL WEIGHT	12	12	12	8	8	11	8	11
ATTAINMENT OF POs		2.90	2.90	2.90	2.90	2.90	2.91	2.90	2.91

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
MISS. PRATIKSHA KHADSINGE	COSMETIC TECHNOLOGY S8-T2	Summer 2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.40	2.83
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.20	2.84

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.96	3	3	3	2	2	3	2	2
CO2	2.92	3	3	3	2	2	3	2	2
CO3	2.83	3	3	3	2	2	3	2	2
CO4	2.84	3	3	3	2	2	3	2	2
		34.80	34.80	34.80	23.20	23.20	34.80	23.20	23.20
	TOTAL WEIGHT	12	12	12	8	8	12	8	8
ATTAINMENT OF POs		2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90

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Session: 2021-22
Bachelor of Cosmetic Technology Semester VIII
CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION	
MRS.MINAKSHI BOKDE	COSMETIC TECHNOLOGY S8-T3	Summer	2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.40	2.88
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.80	2.96

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.92	3	3	2	1	2	3	2	2
CO2	2.92	3	3	2	1	2	3	2	2
CO3	2.88	3	3	2	1	2	3	2	2
CO4	2.96	3	3	2	1	2	3	2	2
		35.04	35.04	23.36	11.68	23.36	35.04	23.36	23.36
	TOTAL WEIGHT	12	12	8	4	8	12	8	8
ATTAINMENT OF POs		2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION	
MISS.RUCHIRA GAJBHIYE	COSMETIC TECHNOLOGY S8-T4	Summer	2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.60	2.92
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.60	2.92

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.92	3	3	2	2	2	3	1	2
CO2	2.96	3	3	2	2	2	3	1	2
CO3	2.92	3	3	2	2	2	3	1	2
CO4	2.92	3	3	2	2	2	3	1	2
		35.16	35.16	23.44	23.44	23.44	35.16	11.72	23.44
	TOTAL WEIGHT	12	12	8	8	8	12	4	8
ATTAINMENT OF POs		2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93

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CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: MRS. RADHIKA MOHOD
COURSE: COSMETIC TECHNOLOGY S8-T5
SESSION: Summer 2022-23

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.20	2.84
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	3.00	3.00

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.92	3	3	3	3	2	3	2	2
CO2	2.96	3	3	3	3	2	3	2	2
CO3	2.84	3	3	3	3	2	3	2	2
CO4	3.00	3	3	3	3	2	3	2	2
		35.16	35.16	35.16	35.16	23.44	35.16	23.44	23.44
	TOTAL WEIGHT	12	12	12	12	8	12	8	8
ATTAINMENT OF POs		2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: MISS. RUCHIRA GAJBHIYE
COURSE: COSMETIC TECHNOLOGY S8-T6
SESSION: Summer 2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.20	2.84
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	1.80	2.76

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.96	3	3	2	2	2	3	2	3
CO2	2.92	3	3	2	2	2	3	2	3
CO3	2.84	3	3	2	2	2	3	2	3
CO4	2.76	3	3	2	2	2	2	2	2
		34.44	34.44	22.96	22.96	22.96	31.68	22.96	31.68
	TOTAL WEIGHT	12	12	8	8	8	11	8	11
ATTAINMENT OF POs		2.87	2.87	2.87	2.87	2.87	2.88	2.87	2.88

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CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
MISS. DIPENTI POHARE	COSMETIC TECHNOLOGY S8-T1	Summer 2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.40	2.88
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.60	2.92

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.96	3	3	3	2	2	3	2	3
CO2	2.92	3	3	3	2	2	3	2	3
CO3	2.88	3	3	3	2	2	3	2	3
CO4	2.92	3	3	3	2	2	3	2	3
		35.04	35.04	35.04	23.36	23.36	32.12	23.36	32.12
	TOTAL WEIGHT	12	12	12	8	8	11	8	11
ATTAINMENT OF POs		2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
MRS. RAJANI WADHANKAR	COSMETIC TECHNOLOGY S8-T2	Summer 2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.40	2.88
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.60	2.92

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.96	3	3	3	2	2	3	2	2
CO2	2.92	3	3	3	2	2	3	2	2
CO3	2.88	3	3	3	2	2	3	2	2
CO4	2.92	3	3	3	2	2	3	2	2
		35.04	35.04	35.04	23.36	23.36	35.04	23.36	23.36
	TOTAL WEIGHT	12	12	12	8	8	12	8	8
ATTAINMENT OF POs		2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92

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CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
MRS.MINAKSHI BOKDE	COSMETIC TECHNOLOGY S8-T3	Summer 2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.40	2.88
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.80	2.96

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.92	3	3	2	1	2	3	2	2
CO2	2.92	3	3	2	1	2	3	2	2
CO3	2.88	3	3	2	1	2	3	2	2
CO4	2.96	3	3	2	1	2	3	2	2
		35.04	35.04	23.36	11.68	23.36	35.04	23.36	23.36
	TOTAL WEIGHT	12	12	8	4	8	12	8	8
ATTAINMENT OF POs		2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
MISS.RUCHIRA GAJBHIYE	COSMETIC TECHNOLOGY S8-T4	Summer 2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.60	2.92
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.60	2.92

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.92	3	3	2	2	2	3	1	2
CO2	2.96	3	3	2	2	2	3	1	2
CO3	2.92	3	3	2	2	2	3	1	2
CO4	2.92	3	3	2	2	2	3	1	2
		35.16	35.16	23.44	23.44	23.44	35.16	11.72	23.44
	TOTAL WEIGHT	12	12	8	8	8	12	4	8
ATTAINMENT OF POs		2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93

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CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION	
MRS. RADHIKA MOHOD	COSMETIC TECHNOLOGY S8-T5	Summer	2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.60	2.96
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.20	2.84
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	3.00	3.00

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.92	3	3	3	3	2	3	2	2
CO2	2.96	3	3	3	3	2	3	2	2
CO3	2.84	3	3	3	3	2	3	2	2
CO4	3.00	3	3	3	3	2	3	2	2
		35.16	35.16	35.16	35.16	23.44	35.16	23.44	23.44
	TOTAL WEIGHT	12	12	12	12	8	12	8	8
ATTAINMENT OF POs		2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION	
MISS. RUCHIRA GAJBHIYE	COSMETIC TECHNOLOGY S8-T6	Summer	2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.20	2.84
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.40	2.88

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.96	3	3	2	2	2	3	2	3
CO2	2.96	3	3	2	2	2	3	2	3
CO3	2.84	3	3	2	2	2	3	2	3
CO4	2.88	3	3	2	2	2	2	2	2
		34.92	34.92	23.28	23.28	23.28	32.04	23.28	32.04
	TOTAL WEIGHT	12	12	8	8	8	11	8	11
ATTAINMENT OF POs		2.91	2.91	2.91	2.91	2.91	2.91	2.91	2.91

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CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION	
MISS. DIPENTI POHARE	COSMETIC TECHNOLOGY 58-T1	Summer	2019-20

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.40	2.88
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.20	2.84

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.96	3	3	3	2	2	3	2	3
CO2	2.92	3	3	3	2	2	3	2	3
CO3	2.88	3	3	3	2	2	3	2	3
CO4	2.84	3	3	3	2	2	2	2	2
		34.80	34.80	34.80	23.20	23.20	31.96	23.20	31.96
	TOTAL WEIGHT	12	12	12	8	8	11	8	11
ATTAINMENT OF POs		2.90	2.90	2.90	2.90	2.90	2.91	2.90	2.91

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME		COURSE			SESSION	
MRS. RAJANI WADHANKAR		COSMETIC TECHNOLOGY	S8-T2		Summer	2019-20

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.40	2.88
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.20	2.84

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.96	3	3	3	2	2	3	2	2
CO2	2.92	3	3	3	2	2	3	2	2
CO3	2.88	3	3	3	2	2	3	2	2
CO4	2.84	3	3	3	2	2	3	2	2
		34.80	34.80	34.80	23.20	23.20	34.80	23.20	23.20
	TOTAL WEIGHT	12	12	12	8	8	12	8	8
ATTAINMENT OF POs		2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90

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Department of Cosmetic Technology
Session: 2019-20
Bachelor of Cosmetic Technology Semester VIII
CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
MISS.MINAKSHI BONDE	COSMETIC TECHNOLOGY SS-T3	Summer 2019-20

CO ATTAINMENT

COURSE OUTCOME	TEST / ASSIGNMENT ATTAINMENT	PROJECT / OJT / INTERN ATTAINMENT			20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.60	2.92
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.60	2.92

PO ATTAINMENT

CO/PO	ATTAINME	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.92	3	3	2	1	2	3	2	2
CO2	2.92	3	3	2	1	2	3	2	2
CO3	2.92	3	3	2	1	2	3	2	2
CO4	2.92	3	3	2	1	2	3	2	2
		35.04	35.04	23.36	11.68	23.36	35.04	23.36	23.36
TOTAL WEIGHT		12	12	8	4	8	12	8	8
ATTAINMENT OF POs		2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
MISS.RUCHIRA GARSHITE	COSMETIC TECHNOLOGY SS-T4	Summer 2019-20

CO ATTAINMENT

COURSE OUTCOME	TEST / ASSIGNMENT ATTAINMENT	PROJECT / OJT / INTER ATTAINMENT			20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.60	2.92
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.60	2.92

PO ATTAINMENT

CO/PO	ATTAINME	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.92	3	3	2	2	2	3	1	2
CO2	2.96	3	3	2	2	2	3	1	2
CO3	2.92	3	3	2	2	2	3	1	2
CO4	2.92	3	3	2	2	2	3	1	2
		35.16	35.16	23.44	23.44	23.44	35.16	11.72	23.44
TOTAL WEIGHT		12	12	8	8	8	12	4	8
ATTAINMENT OF POs		2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93

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CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
MRS. RADHIKA MOHOD	COSMETIC TECHNOLOGY S8-T5	Summer 2019-20

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.20	2.84
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	3.00	3.00

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.92	3	3	3	3	2	3	2	2
CO2	2.96	3	3	3	3	2	3	2	2
CO3	2.84	3	3	3	3	2	3	2	3
CO4	3.00	3	3	3	3	2	3	2	2
		35.16	35.16	35.16	35.16	23.44	35.16	23.44	23.44
	TOTAL WEIGHT	12	12	12	12	8	12	8	8
ATTAINMENT OF POs		2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
MISS. RUCHIRA GAJBHIYE	COSMETIC TECHNOLOGY S8-T6	Summer 2019-20

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.80	2.96
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.20	2.84
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.40	2.88

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.96	3	3	2	2	2	3	2	3
CO2	2.92	3	3	2	2	2	3	2	3
CO3	2.84	3	3	2	2	2	3	2	3
CO4	2.88	3	3	2	2	2	2	2	2
		34.80	34.80	23.20	23.20	23.20	31.92	23.20	31.92
	TOTAL WEIGHT	12	12	8	8	8	11	8	11
ATTAINMENT OF POs		2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90

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DEPARTMENT OF COMPUTER SCIENCE

SESSION 2019-2020

Bachelor of Computer Application (BCA)

CO PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
Prof. B. A. JAGTAP	COMPUTER GRAPHICS II Paper-I	Summer 2019-20

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.34	2.87
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.90	2.90
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.53	2.91
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.46	2.89

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.87	3	2	2	1	1	2	2	2
CO2	2.90	3	3	3	2	2	1	1	1
CO3	2.91	3	2	3	2	2	0	0	1
CO4	2.89	3	1	3	2	1	2	0	2
		34.70	23.14	31.83	20.26	17.37	14.42	8.64	17.33
	TOTAL WEIGHT	12	8	11	7	6	5	3	6
ATTAINMENT OF POs		2.89	2.89	2.89	2.89	2.90	2.88	2.88	2.89

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
Javed Shah	PROGRAMMING IN JAVA Paper-II	Summer 2019-2020

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	1.99	2.80
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.07	2.81
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.00	2.80
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.04	2.81

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.80	3	3	1	1	2	1	2	2
CO2	2.81	3	3	2	2	1	1	2	0
CO3	2.80	2	2	3	3	1	0	1	1
CO4	2.81	3	1	1	0	3	2	3	2
		30.86	25.24	19.63	16.85	19.63	16.82	22.45	14.01
	TOTAL WEIGHT	11	9	7	6	7	6	8	5
ATTAINMENT OF POs		2.81	2.80	2.80	2.80	2.80	2.80	2.81	2.80

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CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: Prof. V. G. BELSARE

COURSE: ASP.Net Paper-3

SESSION: Summer 2019-20

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.46	2.89
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.46	2.89
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.53	2.91
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.43	2.89

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.89	3	2	3	2	1	1	2	3
CO2	2.89	3	3	3	2	2	0	1	3
CO3	2.91	3	1	3	1	1	0	1	2
CO4	2.89	3	2	3	2	0	1	2	2
		34.72	23.13	31.83	20.24	11.58	5.78	17.35	28.93
	TOTAL WEIGHT	12	8	11	7	4	2	6	10
ATTAINMENT OF POs		2.89	2.89	2.89	2.89	2.90	2.89	2.89	2.89

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CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: Prof. A. G. MESHRAM

COURSE: Software Testing Paper-6

SESSION: Summer 2019-20

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	1.86	2.77
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.15	2.83
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.09	2.82
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.22	2.84

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.77	3	1	2	1	0	3	2	2
CO2	2.83	3	3	1	2	0	1	2	0
CO3	2.82	1	2	3	3	1	0	1	0
CO4	2.84	3	2	1	3	2	2	3	2
		28.16	22.59	19.68	25.42	8.51	16.84	22.55	11.23
	TOTAL WEIGHT	10	8	7	9	3	6	8	4
ATTAINMENT OF POs		2.82	2.82	2.81	2.82	2.84	2.81	2.82	2.81

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KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
R.V.Bodkhe	PHP II	Paper-5	Summer	2019-2020

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	1.99	2.80
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.07	2.81
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.00	2.80
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.17	2.83

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.80	3	3	1	1	2	3	2	2
CO2	2.81	3	3	2	2	1	1	2	0
CO3	2.80	2	2	3	3	1	0	1	1
CO4	2.83	3	1	1	0	3	2	3	2
		30.94	25.27	19.66	16.83	19.71	16.87	22.53	14.06
	TOTAL WEIGHT	11	9	7	6	7	6	8	5
ATTAINMENT OF POs		2.81	2.81	2.81	2.80	2.82	2.81	2.82	2.81

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Prof.Swapnali G. Kadao	Data Communication and Network-II	Paper-6	Summer	2019-20

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	1.86	2.77
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.15	2.83
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.04	2.81
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.26	2.85

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.77	3	1	2	1	0	3	2	2
CO2	2.83	3	3	2	2	0	1	2	0
CO3	2.81	2	2	3	3	1	0	1	0
CO4	2.85	3	1	1	3	3	2	3	2
		30.98	19.73	22.48	25.41	11.36	16.85	22.57	11.25
	TOTAL WEIGHT	11	7	8	9	4	6	8	4
ATTAINMENT OF POs		2.82	2.82	2.81	2.82	2.84	2.81	2.82	2.81

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DEPARTMENT OF COMPUTER SCIENCE

SESSION 2020-2021

Bachelor of Computer Application (BCA)

CO PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: Prof. B. A. JAGTAP

COURSE: COMPUTER GRAPHICS II Paper-1

SESSION: Summer 2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.43	2.89
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.39	2.88
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.50	2.90
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.45	2.89

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.89	3	2	2	1	1	1	1	2
CO2	2.88	3	3	3	2	2	1	1	1
CO3	2.90	3	2	3	2	2	0	0	1
CO4	2.89	3	1	3	2	1	2	0	1
		34.66	23.10	31.78	20.22	17.33	14.43	8.65	17.33
	TOTAL WEIGHT	12	8	11	7	6	5	3	6
ATTAINMENT OF POs		2.89	2.89	2.89	2.89	2.89	2.89	2.88	2.89

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CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: PROF.JAVED SHAH

COURSE: PROGRAMMING IN JAVA Paper-II

SESSION: Summer 2020-2021

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	1.81	2.76
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.10	2.82
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.03	2.81
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.11	2.82

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.76	3	3	1	2	2	3	2	1
CO2	2.82	3	2	2	2	1	1	2	1
CO3	2.81	2	2	3	3	1	0	1	0
CO4	2.82	3	1	1	0	3	2	3	2
		30.83	22.56	19.64	19.58	19.62	16.75	22.46	11.23
	TOTAL WEIGHT	11	8	7	7	7	6	8	4
ATTAINMENT OF POs		2.80	2.80	2.81	2.80	2.80	2.79	2.80	2.81

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KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Prof. V. G. BELSARE	ASP.Net	Paper-3	Summer	2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OIT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.46	2.89
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.35	2.87
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.50	2.90
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.44	2.89

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.89	3	2	1	2	1	1	2	3
CO2	2.87	3	3	3	2	2	0	1	3
CO3	2.90	3	1	3	1	1	0	1	2
CO4	2.89	3	2	3	2	0	1	2	2
		34.65	23.07	31.76	20.20	11.53	5.78	17.33	28.86
	TOTAL WEIGHT	12	8	11	7	4	2	6	10
ATTAINMENT OF POs		2.89	2.88	2.89	2.89	2.88	2.89	2.89	2.89

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Prof. A. G. MESHRAM	SOFTWARE TESTING	Paper-6	Summer	2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OIT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	1.87	2.77
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.09	2.82
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	1.96	2.79
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.13	2.83

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.77	3	1	2	1	0	3	2	2
CO2	2.82	3	3	2	2	0	1	2	0
CO3	2.79	2	2	3	3	1	0	1	0
CO4	2.83	3	1	1	3	3	2	3	1
		30.84	19.64	22.39	25.26	11.27	16.79	22.45	11.20
	TOTAL WEIGHT	11	7	8	9	4	6	8	4
ATTAINMENT OF POs		2.80	2.81	2.80	2.81	2.82	2.80	2.81	2.80

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KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
R.V.Bodkhe	PHP II	Paper-5	Summer	2020-2021

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	1.81	2.76
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.11	2.82
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.03	2.81
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.16	2.83

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.76	3	3	1	1	2	3	2	2
CO2	2.82	3	3	2	2	1	1	2	1
CO3	2.81	2	2	3	3	1	0	1	0
CO4	2.83	3	1	1	0	3	2	3	2
		30.87	25.20	19.66	16.83	19.65	16.78	22.47	14.01
	TOTAL WEIGHT	11	9	7	6	7	6	8	5
ATTAINMENT OF POs		2.81	2.80	2.81	2.80	2.81	2.80	2.81	2.80

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Prof.Swapnali G. Kadao	Data Communication and Network-II	Paper-6	Summer	2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	1.86	2.77
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.09	2.82
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	1.91	2.78
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.15	2.83

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.77	3	1	2	1	0	3	2	2
CO2	2.82	3	3	2	2	0	1	2	0
CO3	2.78	2	2	3	3	1	0	1	0
CO4	2.83	3	1	1	3	3	2	3	2
		30.83	19.62	22.36	25.25	11.27	16.79	22.45	11.20
	TOTAL WEIGHT	11	7	8	9	4	6	8	4
ATTAINMENT OF POs		2.80	2.80	2.80	2.81	2.82	2.80	2.81	2.80

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KAMLA NEHRU MAHAVIDYALAYA,NAGPUR

DEPARTMENT OF COMPUTER SCIENCE

SESSION 2021-2022

Bachelor of Computer Application (BCA)

CO PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: B. A. JAGTAP

COURSE: COMPUTER GRAPHICS II Paper-1

SESSION: Summer 2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.35	2.87
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.45	2.89
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.45	2.89
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.39	2.88

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.87	3	2	2	1	1	2	2	2
CO2	2.89	3	3	3	2	2	1	1	1
CO3	2.89	2	2	3	2	2	0	0	1
CO4	2.88	3	1	3	2	1	2	0	2
		34.58	23.07	31.71	20.19	17.31	14.39	8.63	17.28
	TOTAL WEIGHT	12	8	11	7	6	5	3	6
ATTAINMENT OF POs		2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: Prof Javed Shah

COURSE: PROGRAMMING IN JAVA Paper-2

SESSION: Summer 2021-2022

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	1.81	2.76
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.09	2.82
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	1.98	2.80
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.08	2.82

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.76	3	3	1	1	2	3	2	2
CO2	2.82	3	3	2	2	0	1	2	0
CO3	2.80	2	2	3	3	1	0	1	1
CO4	2.82	3	1	1	0	3	2	3	2
		30.79	25.15	19.61	16.79	16.77	16.74	22.41	13.96
	TOTAL WEIGHT	11	9	7	6	6	6	8	5
ATTAINMENT OF POs		2.80	2.79	2.80	2.80	2.80	2.79	2.80	2.79

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KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Prof. V. G. BELSARE	ASP.Net	Paper-3	Summer	2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.35	2.87
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.45	2.89
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.45	2.89
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.39	2.88

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.87	3	2	2	2	1	1	2	3
CO2	2.89	3	3	3	2	2	0	1	3
CO3	2.89	3	1	3	1	1	0	1	2
CO4	2.88	3	2	3	2	0	1	2	2
		34.58	23.06	31.71	20.17	11.54	5.75	17.28	28.82
	TOTAL WEIGHT	12	8	11	7	4	2	6	10
ATTAINMENT OF POs		2.88	2.88	2.88	2.88	2.89	2.87	2.88	2.88

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Prof.A G. MESHRAM	SOFTWARE TESTING	Paper-6	Summer	2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	1.97	2.79
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.09	2.82
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	1.96	2.79
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.22	2.84

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.79	3	1	2	1	0	3	2	2
CO2	2.82	3	3	2	2	0	1	2	0
CO3	2.79	2	2	3	3	1	0	1	0
CO4	2.84	3	1	1	3	3	2	3	2
		30.95	19.68	22.44	25.34	11.32	16.89	22.55	11.28
	TOTAL WEIGHT	11	7	8	9	4	6	8	4
ATTAINMENT OF POs		2.81	2.81	2.81	2.82	2.83	2.81	2.82	2.82

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KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
R.V.Bodkhe	PHP II	Paper-5	Summer	2021-2022

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OIT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	1.84	2.77
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.08	2.82
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.01	2.80
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.12	2.82

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.77	3	3	1	1	2	3	2	2
CO2	2.82	3	3	2	2	0	1	2	0
CO3	2.80	2	2	3	3	1	0	1	1
CO4	2.82	3	1	1	0	3	2	3	2
		30.83	25.18	19.63	16.81	16.81	16.77	22.44	15.99
	TOTAL WEIGHT	11	9	7	6	6	6	8	5
ATTAINMENT OF POs		2.80	2.80	2.80	2.80	2.80	2.80	2.81	2.80

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Prof.Swapnali G. Kadao	Data Communication and Network-II	Paper-6	Summer	2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OIT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	1.93	2.79
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.11	2.82
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	1.94	2.79
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.24	2.85

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.79	3	1	2	1	0	3	2	2
CO2	2.82	3	3	2	2	0	1	2	0
CO3	2.79	2	2	3	3	1	0	1	0
CO4	2.85	3	1	1	3	3	2	3	2
		30.94	19.67	27.47	25.33	11.33	16.87	27.55	11.27
	TOTAL WEIGHT	11	7	8	9	4	6	8	4
ATTAINMENT OF POs		2.81	2.81	2.80	2.81	2.83	2.81	2.82	2.82

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DEPARTMENT OF COMPUTER SCIENCE

SESSION 2022-2023

Bachelor of Computer Application (BCA)

CO PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
Prof. B. A. JAGTAP	COMPUTER GRAPHICS II Paper-1	Summer 2022-23

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.19	2.84
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.56	2.91
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.54	2.91
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.59	2.92

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.84	3	2	2	1	1	1	1	2
CO2	2.91	3	3	3	2	2	1	1	1
CO3	2.91	3	2	3	2	2	0	0	1
CO4	2.92	3	1	3	2	1	2	0	2
		34.73	23.15	31.89	20.32	17.40	14.41	8.59	17.33
	TOTAL WEIGHT	12	8	11	7	6	5	3	6
ATTAINMENT OF POs		2.89	2.89	2.90	2.90	2.90	2.89	2.86	2.89

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
Prof Javed Shah	PROGRAMMING IN JAVA Paper-II	Summer 2022-2023

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	2.00	2.20	2.31	2.22
CO2	0.00	3.00	0.00	0.00	3.00	2.00	2.20	2.37	2.23
CO3	0.00	0.00	3.00	0.00	3.00	2.00	2.20	2.44	2.25
CO4	0.00	0.00	0.00	3.00	3.00	2.00	2.20	2.42	2.24

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.22	3	3	0	1	2	3	2	2
CO2	2.23	3	3	2	2	1	1	2	1
CO3	2.25	2	2	3	3	1	3	1	0
CO4	2.24	3	1	3	3	3	3	3	2
		24.60	20.11	17.94	20.17	15.66	15.63	17.89	11.17
	TOTAL WEIGHT	11	9	8	9	7	7	8	5
ATTAINMENT OF POs		2.24	2.23	2.24	2.24	2.24	2.23	2.24	2.23

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CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Prof. V. G. BELSARE	ASP.Net	Paper-3	Summer	2022-23

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	2.00	2.20	2.19	2.20
CO2	0.00	3.00	0.00	0.00	3.00	2.00	2.20	2.56	2.27
CO3	0.00	0.00	3.00	0.00	3.00	2.00	2.20	2.54	2.27
CO4	0.00	0.00	0.00	3.00	3.00	2.00	2.20	2.59	2.28

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.20	3	2	2	1	1	1	2	3
CO2	2.27	3	3	3	2	2	0	1	3
CO3	2.27	3	1	3	1	1	0	1	2
CO4	2.28	3	2	3	2	0	1	2	2
		27.05	18.04	24.85	15.77	9.01	4.48	13.49	22.50
	TOTAL WEIGHT	12	8	11	7	4	2	6	10
ATTAINMENT OF POs		2.25	2.25	2.26	2.25	2.25	2.24	2.25	2.25

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Prof.A.G. MESHRAM	SOFTWARE TESTING	Paper-4	Summer	2022-23

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	1.95	2.79
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.08	2.82
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.03	2.81
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.13	2.83

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.79	3	1	2	1	0	3	2	2
CO2	2.82	3	3	2	2	0	1	2	0
CO3	2.81	2	2	3	3	1	0	1	0
CO4	2.83	3	1	1	3	3	2	3	2
		30.91	19.67	22.45	25.32	11.28	16.84	22.49	11.23
	TOTAL WEIGHT	11	7	8	9	4	6	8	4
ATTAINMENT OF POs		2.81	2.81	2.81	2.81	2.82	2.81	2.81	2.81

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KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
R.V.Bodkhe	PHP II	Paper-5	Summer	2022-2023

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	1.85	2.77
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.10	2.82
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	1.84	2.77
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.23	2.85

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.77	3	3	0	1	2	3	2	2
CO2	2.82	3	3	2	2	1	1	2	1
CO3	2.77	2	2	3	3	1	0	1	0
CO4	2.85	3	1	1	1	3	2	3	2
		30.84	25.15	16.79	19.56	19.66	16.82	22.48	14.05
	TOTAL WEIGHT	11	9	6	7	7	6	8	5
ATTAINMENT OF POs		2.80	2.79	2.80	2.79	2.81	2.80	2.81	2.81

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Prof.Swapnali G. Kadao	Data Communication and Network-II	Paper-6	Summer	2022-23

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	1.89	2.78
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.08	2.82
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.00	2.80
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.12	2.82

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.78	3	1	2	1	0	3	2	1
CO2	2.82	3	3	2	2	0	1	2	0
CO3	2.80	2	2	3	3	1	0	1	0
CO4	2.82	3	1	1	3	3	2	3	2
		30.85	19.65	22.41	25.28	11.27	16.80	22.46	11.20
	TOTAL WEIGHT	11	7	8	9	4	6	8	4
ATTAINMENT OF POs		2.80	2.81	2.80	2.81	2.82	2.80	2.81	2.80

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KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

DEPARTMENT OF COMPUTER SCIENCE

SESSION 2023-2024

Bachelor of Computer Application (BCA)

CO PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
Prof. B. A. JAGTAP	COMPUTER GRAPHICS II Paper-1	Summer 2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.26	2.85
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.52	2.90
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.51	2.90
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.54	2.91

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.85	3	2	2	1	1	2	2	2
CO2	2.90	3	3	3	2	2	1	1	1
CO3	2.90	3	2	3	2	2	0	0	1
CO4	2.91	3	1	3	2	1	2	0	2
		34.63	23.12	31.84	20.27	17.37	18.42	8.61	17.92
	TOTAL WEIGHT	12	8	11	7	6	5	3	6
ATTAINMENT OF POs		2.89	2.89	2.89	2.90	2.89	2.88	2.87	2.89

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
Ashwini Palthane	PROGRAMMING IN JAVA Paper-II	Summer 2023-2024

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	0.00	0.00	0.00	0.00	3.00	3.00	3.00	1.88	2.78
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.06	2.81
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	1.95	2.79
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.13	2.83

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.78	3	2	0	1	2	3	2	2
CO2	2.81	3	3	2	2	0	1	2	1
CO3	2.79	2	2	3	3	1	0	1	0
CO4	2.83	3	1	2	0	3	2	3	2
		30.82	25.17	19.64	16.77	19.82	16.79	22.44	14.02
	TOTAL WEIGHT	11	9	7	6	6	6	8	5
ATTAINMENT OF POs		2.80	2.80	2.81	2.80	2.80	2.80	2.81	2.80

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CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Prof. V. G. BELSARE	ASP.Net	Paper-3	Summer	2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.73	2.85
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.94	2.91
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.92	2.90
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.91	2.90

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.85	3	2	2	2	1	1	2	3
CO2	2.91	3	3	3	2	2	0	1	3
CO3	2.90	3	1	3	1	1	0	1	2
CO4	2.90	3	2	3	2	0	1	2	2
		34.67	23.12	31.83	20.21	11.56	5.75	17.31	28.87
	TOTAL WEIGHT	12	8	11	7	4	2	6	10
ATTAINMENT OF POs		2.89	2.89	2.89	2.89	2.89	2.87	2.88	2.89

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Prof. A. GAHROLE	SOFTWARE TESTING	Paper-4	Summer	2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	1.89	2.78
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.09	2.82
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	1.86	2.77
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.18	2.84

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.78	3	1	2	1	0	3	2	2
CO2	2.82	3	3	2	2	0	1	2	0
CO3	2.77	2	2	3	3	1	0	1	0
CO4	2.84	3	1	1	3	3	2	3	2
		30.65	19.62	22.35	25.24	11.28	16.83	22.48	11.23
	TOTAL WEIGHT	11	7	8	9	4	6	8	4
ATTAINMENT OF POs		2.80	2.80	2.79	2.80	2.82	2.80	2.81	2.81

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CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
R.V.Bodkhe	PHP II	Paper-1	Summer	2023-2024

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	1.89	2.79
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.06	2.81
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	1.85	2.79
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.14	2.85

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.79	3	3	0	1	1	3	2	2
CO2	2.81	3	3	2	2	0	1	2	0
CO3	2.79	2	2	3	3	1	0	1	0
CO4	2.83	3	1	1	0	3	2	3	2
		30.87	25.20	16.83	16.78	16.86	16.83	22.48	11.23
	TOTAL WEIGHT	11	9	6	6	6	6	8	4
ATTAINMENT OF POs		2.81	2.80	2.80	2.80	2.81	2.81	2.81	2.81

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Prof.Swapnali G. Kadao	Data Communication and Network-II	Paper-6	Summer	2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	1.89	2.78
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.09	2.82
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	1.89	2.77
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.18	2.84

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.78	3	1	2	1	0	3	2	2
CO2	2.82	3	3	2	2	0	1	2	0
CO3	2.77	2	2	3	3	1	0	1	0
CO4	2.84	3	1	1	3	3	2	3	2
		30.85	19.62	22.35	25.24	11.28	16.83	22.48	11.23
	TOTAL WEIGHT	11	7	8	9	4	6	8	4
ATTAINMENT OF POs		2.80	2.80	2.79	2.80	2.82	2.80	2.81	2.81

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KAMLA NEHRU MAHAVIDYALAYA

Department of Biochemistry

Session 2020-21

Bachelor of Science Semester VI

CO-PO Attainment Analysis

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME				COURSE			SESSION	
Mr. Pranay N. Sadawarti				Biochemistry	Paper-1		Summer	2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.85	2.93
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.53	2.91
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.29	2.86
CO4	0.00	0.00	0.00	2.50	2.50	3.00	2.90	2.18	2.76

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.93	3	2	1	3	2	3	3	3
CO2	2.91	2	2	0	3	2	2	2	2
CO3	2.86	2	2	1	2	1	2	3	3
CO4	2.76	3	2	1	3	3	3	3	3
		28.58	22.90	8.54	31.49	22.80	28.58	31.44	31.44
	TOTAL WEIGHT	10	8	3	11	8	10	11	11
ATTAINMENT OF POs		2.86	2.86	2.85	2.86	2.85	2.86	2.86	2.86

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME				COURSE			SESSION	
Palash Manoj Thakre				Molecular Biology	Biochemistry Paper II		Summer	2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.44	2.89
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.44	2.89
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.38	2.88
CO4	0.00	0.00	0.00	1.50	1.50	3.00	2.70	2.69	2.70

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.89	3	3	0	0	2	3	2	0
CO2	2.89	3	3	1	1	0	1	3	0
CO3	2.88	3	2	3	3	1	0	1	0
CO4	2.70	3	1	1	0	3	3	3	3
		34.04	25.77	14.21	11.51	16.74	19.64	25.41	8.09
	TOTAL WEIGHT	12	9	5	4	6	7	9	3
ATTAINMENT OF POs		2.84	2.86	2.84	2.88	2.79	2.81	2.82	2.70

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KAMLA NEHRU MAHAVIDYALAYA

Department of Biochemistry

Session 2021-22

Bachelor of Science Semester VI

CO-PO Attainment Analysis

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Mr. Pranay N. Sadewarti	Biochemistry	Paper-1	Summer	2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.65	2.93
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.53	2.91
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.29	2.86
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.18	2.84

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.93	3	2	1	3	2	3	3	3
CO2	2.91	2	2	0	3	2	2	2	2
CO3	2.86	2	2	1	2	1	2	3	3
CO4	2.84	3	2	1	3	3	3	3	3
		28.82	23.06	8.62	31.73	23.04	28.82	31.68	31.68
	TOTAL WEIGHT	10	8	3	11	8	10	11	11
ATTAINMENT OF POs		2.88	2.88	2.87	2.88	2.88	2.88	2.88	2.88

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Palash Manoj Thakre	Molecukar Biology	Biochemistry Paper II	Summer	2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.41	2.88
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.41	2.88
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.24	2.85
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.29	2.86

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.88	3	3	0	0	2	3	2	0
CO2	2.88	3	3	1	1	0	1	3	0
CO3	2.85	3	2	3	3	1	0	1	0
CO4	2.86	3	1	1	0	3	3	3	3
		34.41	25.85	14.28	11.42	17.19	20.11	25.84	8.58
	TOTAL WEIGHT	12	9	5	4	6	7	9	3
ATTAINMENT OF POs		2.87	2.87	2.86	2.86	2.86	2.87	2.87	2.86

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KAMLA NEHRU MAHAVIDYALAYA

Department of Biochemistry

Session 2023-24

Bachelor of Science Semester VI

CO-PO Attainment Analysis

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME				COURSE			SESSION	
Mr. Pranay N. Sedawarti				Biochemistry	Paper-1		Summer	2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	1.00	0.00	0.00	0.00	3.00	1.50	1.80	2.65	1.97
CO2	0.00	3.00	0.00	0.00	3.00	1.50	1.80	2.53	1.95
CO3	0.00	0.00	3.00	0.00	3.00	1.50	1.80	2.29	1.90
CO4	0.00	0.00	0.00	3.00	3.00	1.50	1.80	2.18	1.88

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1.97	3	2	1	3	2	3	3	3
CO2	1.95	2	2	0	3	2	2	3	2
CO3	1.90	2	2	1	2	1	2	3	3
CO4	1.88	3	2	1	3	3	3	3	3
		19.22	15.38	5.74	21.17	15.36	19.22	21.12	21.12
	TOTAL WEIGHT	10	8	3	11	8	10	11	11
ATTAINMENT OF POs		1.92	1.92	1.91	1.92	1.92	1.92	1.92	1.92

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME				COURSE			SESSION	
Palash Manoj Thakre				Molecular Biology	Biochemistry Paper II		Summer	2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	1.00	0.00	0.00	0.00	1.00	3.00	2.60	2.41	2.56
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.53	2.91
CO3	0.00	0.00	1.00	0.00	1.00	3.00	2.60	2.65	2.61
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.47	2.89

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.56	3	3	0	0	2	3	2	0
CO2	2.91	3	3	1	1	0	1	3	0
CO3	2.61	3	2	3	3	1	0	1	0
CO4	2.89	3	1	1	0	3	3	3	3
		32.92	24.52	13.63	10.73	16.42	19.28	25.13	8.68
	TOTAL WEIGHT	12	9	5	4	6	7	9	3
ATTAINMENT OF POs		2.74	2.72	2.73	2.68	2.74	2.75	2.79	2.89

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CO-PO Attainment Analysis
B.Sc.Sem VI
Session 2023-2024

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME		COURSE		SESSION	
Mr. Nishant Burde		Biotechnology	Paper I	Summer	2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	2.50	0.00	0.00	0.00	2.50	3.00	2.90	2.71	2.88
CO2	0.00	2.50	0.00	0.00	2.50	3.00	2.90	2.59	2.84
CO3	0.00	0.00	2.50	0.00	2.50	3.00	2.90	2.47	2.81
CO4	0.00	0.00	0.00	2.50	2.50	3.00	2.90	2.35	2.79

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.88	3	2	0	2	2	1	2	3
CO2	2.84	3	3	2	3	2	1	1	2
CO3	2.81	3	2	1	2	1	1	1	2
CO4	2.79	3	2	1	1	1	2	1	3
		33.91	25.44	11.28	22.65	17.00	14.09	14.16	28.26
	TOTAL WEIGHT	12	9	4	8	6	5	5	10
ATTAINMENT OF POs		2.83	2.83	2.82	2.83	2.83	2.82	2.83	2.83

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME		COURSE		SESSION	
Dr. Sandhya Moghe		Biotechnology	Paper-2	Summer	2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	2.00	0.00	0.00	0.00	2.00	3.00	2.80	2.71	2.78
CO2	0.00	1.50	0.00	0.00	1.50	3.00	2.70	2.59	2.68
CO3	0.00	0.00	1.00	0.00	1.00	3.00	2.60	2.47	2.57
CO4	0.00	0.00	0.00	2.50	2.50	3.00	2.90	2.35	2.79

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.78	3	2	0	2	2	1	2	3
CO2	2.68	3	3	2	3	2	1	1	2
CO3	2.57	3	2	1	2	1	1	1	2
CO4	2.79	3	2	1	1	1	2	1	3
		32.47	24.33	10.72	21.53	16.28	13.61	13.60	27.22
	TOTAL WEIGHT	12	9	4	8	6	5	5	10
ATTAINMENT OF POs		2.71	2.70	2.68	2.69	2.71	2.72	2.72	2.72

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B.Sc.Sem VI
Session 2021-2022

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME		COURSE		SESSION	
Mr. Nishant Burade		Biotechnology	Paper 1	Summer	2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.71	2.94
CO2	0.00	1.50	0.00	0.00	1.50	3.00	2.70	2.59	2.68
CO3	0.00	0.00	2.00	0.00	2.00	3.00	2.80	2.47	2.73
CO4	0.00	0.00	0.00	2.50	2.50	3.00	2.90	2.35	2.79

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.94	3	2	0	2	2	1	2	3
CO2	2.65	3	3	2	3	2	1	1	2
CO3	2.73	3	2	1	2	1	1	1	2
CO4	2.79	3	2	1	1	1	2	1	3
		33.43	24.96	10.88	22.17	16.76	13.93	14.08	28.07
	TOTAL WEIGHT	12	9	4	8	6	5	5	10
ATTAINMENT OF POs		2.79	2.77	2.72	2.77	2.79	2.79	2.82	2.80

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME		COURSE		SESSION	
Dr. Sandhya Moghe		Biotechnology	Paper-2	Summer	2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	2.00	0.00	0.00	0.00	2.00	3.00	2.80	2.71	2.78
CO2	0.00	1.50	0.00	0.00	1.50	3.00	2.70	2.59	2.65
CO3	0.00	0.00	1.00	0.00	1.00	3.00	2.60	2.47	2.57
CO4	0.00	0.00	0.00	2.50	2.50	3.00	2.90	2.35	2.79

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.78	3	2	0	2	2	1	2	3
CO2	2.68	3	3	2	3	2	1	1	2
CO3	2.57	3	2	1	2	1	1	1	2
CO4	2.79	3	2	1	1	1	2	1	3
		32.47	24.32	10.32	21.55	16.28	13.61	13.60	27.27
	TOTAL WEIGHT	12	9	4	8	6	5	5	10
ATTAINMENT OF POs		2.71	2.70	2.68	2.69	2.71	2.72	2.72	2.72

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B.Sc.Sem VI
Session 2020-2021

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Dr. Sandya Moghe	Biotechnology	Paper 2	Summer	2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.71	2.94
CO2	0.00	1.50	0.00	0.00	1.50	3.00	2.70	2.59	2.65
CO3	0.00	0.00	2.00	0.00	2.00	3.00	2.80	2.47	2.75
CO4	0.00	0.00	0.00	2.50	2.50	3.00	2.90	2.55	2.79

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.94	3	2	0	2	2	1	2	3
CO2	2.65	3	3	2	3	2	1	1	2
CO3	2.75	3	2	1	2	1	1	1	2
CO4	2.79	3	2	1	1	1	2	1	3
		33.43	24.96	10.83	22.17	16.76	13.93	14.08	28.82
	TOTAL WEIGHT	12	9	4	8	6	5	5	10
ATTAINMENT OF POs		2.79	2.77	2.72	2.77	2.79	2.79	2.82	2.80

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Dr.Sandhya Moghe	COMPUTER SCIENCE	Paper-2	Summer	2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.55	2.93
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.53	2.91
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.29	2.85
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.18	2.84

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.93	3	2	0	2	2	1	2	3
CO2	2.91	3	3	2	3	2	1	1	2
CO3	2.85	3	2	1	2	1	1	1	2
CO4	2.84	3	2	1	1	1	2	1	3
		34.59	25.96	11.51	23.13	17.36	14.36	14.46	28.82
	TOTAL WEIGHT	12	9	4	8	6	5	5	10
ATTAINMENT OF POs		2.88	2.88	2.88	2.89	2.89	2.87	2.89	2.88

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KAMLA NEHRU MAHAVIDYALAYA
DEPARTMENT OF BOTANY
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CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Dr. Vaishali Y. Charjan	Botany	Paper-1	Summer	2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIZ / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.97	2.97
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.91	2.91
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.49	2.99
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.91	2.91

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.97	3	3	0	1	2	3	2	2
CO2	2.91	3	3	2	2	1	1	0	0
CO3	2.99	2	2	3	3	1	1	0	0
CO4	2.91	3	1	1	0	3	3	2	2
		32.04	26.20	17.57	17.39	20.41	23.39	11.71	11.71
	TOTAL WEIGHT	11	9	6	6	7	8	4	4
ATTAINMENT OF POs		2.91	2.91	2.90	2.90	2.92	2.92	2.93	2.93

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Mr. Benson Abraham	Botany	Paper-2	Summer	2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIZ / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.97	2.97
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.91	2.91
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.40	2.89
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.90	2.92

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.97	3	3	0	1	2	3	2	2
CO2	2.91	3	3	2	2	1	1	0	0
CO3	2.89	2	2	3	3	1	1	0	0
CO4	2.92	3	1	1	0	3	3	2	2
		32.04	26.20	17.57	17.39	20.41	23.39	11.71	11.71
	TOTAL WEIGHT	11	9	6	6	7	8	4	4
ATTAINMENT OF POs		2.91	2.91	2.90	2.90	2.92	2.92	2.93	2.93

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KAMLA NEHRU MAHAVIDYALAYA
DEPARTMENT OF BOTANY
Session : 2021-22
Bachelor of Science Semester VI
CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Dr. Vaishali Y. Charjan	Botany	Paper-1	Summer	2021-2022

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIZ / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.73	2.93
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.47	2.89
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.73	2.87
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.27	2.83

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.93	3	3	3	2	2	3	3	3
CO2	2.89	3	2	2	3	3	2	2	3
CO3	2.87	3	3	3	3	3	3	3	3
CO4	2.83	3	2	3	3	3	2	3	2
		31.81	26.07	17.32	31.73	25.99	26.07	31.73	31.73
	TOTAL WEIGHT	11	9	6	11	9	9	11	11
ATTAINMENT OF POs		2.89	2.90	2.89	2.88	2.88	2.90	2.89	2.88

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Mr. Madhur G. Dahilkar	Botany	Paper-2	Summer	2021-2022

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIZ / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.00	2.80
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.27	2.93
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.33	2.87
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.27	2.85

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.80	3	3	1	2	2	3	3	2
CO2	2.85	3	2	2	3	3	2	2	3
CO3	2.87	3	3	3	3	3	3	3	3
CO4	2.85	3	2	3	3	3	3	3	3
		34.12	29.41	25.57	31.32	19.88	25.49	28.47	31.32
	TOTAL WEIGHT	12	10	9	11	7	9	10	11
ATTAINMENT OF POs		2.84	2.84	2.85	2.85	2.84	2.84	2.85	2.85

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KAMLA NEHRU MAHAVIDYALAYA
DEPARTMENT OF BOTANY
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CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: Mr. Madhur G. Dahikar

COURSE: Botany Paper-1

SESSION: Summer 2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIZ / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	1.80	1.80	[illegible]	[illegible]
CO2	0.00	0.00	0.00	0.00	0.00	1.80	1.80	[illegible]	[illegible]
CO3	0.00	0.00	3.00	0.00	3.00	1.80	1.80	1.78	[illegible]
CO4	0.00	0.00	0.00	3.00	3.00	1.80	1.80	[illegible]	[illegible]

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1.89	2	1	2	2	1	1	1	2
CO2	1.89	2	2	1	2	2	1	2	2
CO3	1.89	1	1	2	1	1	2	1	2
CO4	1.89	2	2	1	2	2	1	2	1
		21.33	17.98	9.91	19.49	17.98	15.03	17.98	19.49
	TOTAL WEIGHT	11	9	5	10	9	8	9	10
ATTAINMENT OF POs		1.94	1.95	1.96	1.94	1.95	1.96	1.95	1.94

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CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: Dr. Vaishali Y. Charjan

COURSE: Botany Paper-2

SESSION: Sumaser 2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIZ / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	2.20	2.20	[illegible]	[illegible]
CO2	0.00	3.00	0.00	0.00	3.00	2.20	2.20	[illegible]	[illegible]
CO3	0.00	0.00	3.00	0.00	3.00	2.20	2.20	[illegible]	[illegible]
CO4	0.00	0.00	0.00	3.00	3.00	2.20	2.20	[illegible]	[illegible]

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.23	1	1	1	2	1	2	1	1
CO2	[illegible]	1	1	2	1	1	1	1	1
CO3	2.23	1	1	1	1	1	1	1	1
CO4	2.23	2	1	1	2	1	1	2	2
		22.23	22.23	22.23	24.44	17.55	24.44	26.74	26.74
	TOTAL WEIGHT	10	10	10	11	8	11	9	9
ATTAINMENT OF POs		2.23	2.23	2.23	2.22	2.20	2.22	2.23	2.23

Head of the Dept. Kamla Nehru Mahavidyalaya

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Nagpur.

Kamla Nehru Mahavidyalaya
Department of Chemistry
Session: - 2020-21
Bachelor of Science SEM VI
CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Dr. W. B. Gurnule	Inorganic Chemistry	Paper-1	Summer	2020-2021

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	0.00	0.60	2.40	2.88
CO2	0.00	3.00	0.00	0.00	3.00	0.00	0.60	2.40	2.88
CO3	0.00	0.00	3.00	0.00	3.00	0.00	0.60	2.48	2.90
CO4	0.00	0.00	0.00	3.00	3.00	0.00	0.60	2.37	2.87

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.88	3	3	3	3	1	3	3	1
CO2	2.88	2	2	0	3	0	1	2	3
CO3	2.90	3	1	3	2	3	3	0	3
CO4	2.87	1	3	1	3	3	3	2	3
		25.96	25.91	20.21	31.69	20.19	28.03	20.14	28.63
	TOTAL WEIGHT	9	9	7	11	7	10	7	10
ATTAINMENT OF POs		2.88	2.88	2.89	2.88	2.88	2.88	2.88	2.88

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Dr. Rashmi Dubey	Chemistry	Paper-II	Summer	2020-21

CO ATTAINMENT

COURSE OUTCOME	T TEST / ASSIGNMENT / PROJECT / OJT / INTERNS				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.67	2.93
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.51	2.90
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.49	2.90
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.49	2.90

PO ATTAINMENT

CO/PO	ATTAINMEN	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.90	3	3	1	0	3	2	3	1
CO2	2.90	3	3	3	3	1	0	2	3
CO3	2.90	3	2	2	3	2	1	0	1
CO4	2.90	2	1	2	1	3	2	3	2
		32.00	26.20	23.23	20.30	26.19	14.56	23.30	20.33
	TOTAL WEIGHT	11	9	8	7	9	5	8	7
ATTAINMENT OF POs		2.91	2.91	2.90	2.90	2.91	2.91	2.91	2.90

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Kamla Nehru Mahavidyalaya
Department of Chemistry
Session: - 2021-22
Bachelor of Science SEM VI
CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
DR. W. B. GURNULE	INORGANIC CHEMISTRY Paper-1	Summer 2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.30	2.86
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	3.00	3.00
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.27	2.85
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.35	2.87

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.86	3	2	0	2	1	2	2	2
CO2	3.00	3	2	1	3	0	1	2	1
CO3	2.85	3	2	1	3	1	0	1	0
CO4	2.87	3	2	1	0	3	2	2	1
		34.76	23.17	8.73	23.28	14.33	14.46	20.32	11.59
	TOTAL WEIGHT	12	8	3	8	5	5	7	4
ATTAINMENT OF POs		2.90	2.90	2.91	2.91	2.87	2.89	2.90	2.90

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
DR. RASHMI DUBEY	ORGANIC CHEMISTRY Paper-II	Summer 2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.30	2.86
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	3.00	3.00
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.27	2.85
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.35	2.87

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.86	3	2	0	2	1	2	2	2
CO2	3.00	3	2	1	3	0	1	2	1
CO3	2.85	3	2	1	3	1	0	1	0
CO4	2.87	3	2	1	0	3	2	2	1
		34.76	23.17	8.73	23.28	14.33	14.46	20.32	11.59
	TOTAL WEIGHT	12	8	3	8	5	5	7	4
ATTAINMENT OF POs		2.90	2.90	2.91	2.91	2.87	2.89	2.90	2.90

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Kamla Nehru Mahavidyalaya
Department of Chemistry
Session: - 2023-24
Bachelor of Science SEM VI
CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: Dr. Prashu Jain

COURSE: Inorganic Chemistry Paper-I

SESSION: Summer 2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	2.50	0.00	0.00	0.00	2.50	0.00	0.50	2.37	0.87
CO2	0.00	2.50	0.00	0.00	2.50	0.00	0.50	2.24	0.85
CO3	0.00	0.00	3.00	0.00	3.00	0.00	0.60	2.33	0.95
CO4	0.00	0.00	0.00	3.00	3.00	0.00	0.60	2.32	0.94

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	0.87	2	0	1	1	1	3	1	2
CO2	0.85	2	2	1	2	0	2	2	0
CO3	0.95	2	2	2	2	1	0	2	0
CO4	0.94	2	2	1	0	2	1	2	2
		7.73	5.48	4.66	4.46	3.71	5.26	6.35	3.64
	TOTAL WEIGHT	8	6	5	5	4	6	7	4
ATTAINMENT OF POs		0.90	0.91	0.91	0.89	0.93	0.88	0.91	0.91

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: Dr.Rashmi Dubey

COURSE: Organic Chemistry Paper-II

SESSION: Summer 2023-24

CO ATTAINMENT

COURSE OUTCOME	TEST / ASSIGNMENT / PROJECT / OJT / INTERN ATTAINMEN	ATTAINMEN	ATTAINMEN	ATTAINMEN	20% AVERAGE ATTAINMEN	80% AVERAGE ATTAINMEN	80% DIRECT CO ATTAINMEN	20% DIRECT CO ATTAINMEN	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	0.00	0.60	2.53	0.99
CO2	0.00	3.00	0.00	0.00	3.00	0.00	0.60	2.48	0.98
CO3	0.00	0.00	3.00	0.00	3.00	0.00	0.60	2.27	0.93
CO4	0.00	0.00	0.00	3.00	3.00	0.00	0.60	2.33	0.95

PO ATTAINMENT

CO/PO	ATTAINMEN	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	0.99	3	3	3	3	3	3	3	3
CO2	0.98	3	3	0	2	0	1	2	0
CO3	0.93	2	2	1	2	1	0	1	0
CO4	0.95	3	1	1	0	3	2	3	2
		10.59	8.70	4.84	6.70	6.73	5.83	8.68	4.85
	TOTAL WEIGHT	11	9	5	7	7	6	9	5
ATTAINMENT OF POs		0.96	0.97	0.97	0.97	0.96	0.97	0.96	0.97

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Kamla Nehru Mahavidyalaya
Department of Computer Science
2021-2022
B.Sc. (Computer Science)
CO PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: Dr.Aruna Chamtkar

COURSE: COMPUTER SCIENCE Paper-1

SESSION: Summer 2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OIT / INTERNSHIP				20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT					
CO1	2.50	0.00	0.00	0.00	2.50	3.00	2.90	2.16	2.75
CO2	0.00	2.50	0.00	0.00	2.50	3.00	2.90	2.11	2.74
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.06	2.81
CO4	0.00	0.00	0.00	1.50	1.50	3.00	2.70	1.95	2.55

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.75	3	3	2	2	1	3	1	2
CO2	2.74	3	3	2	1	0	1	1	2
CO3	2.81	2	3	1	3	1	1	0	2
CO4	2.55	3	2	1	2	0	2	3	2
		29.75	30.01	16.35	21.78	5.56	18.91	13.14	21.71
	TOTAL WEIGHT	11	11	6	8	2	7	5	8
ATTAINMENT OF POs		2.70	2.73	2.72	2.72	2.78	2.70	2.63	2.71

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: Swati A. Chandankhede

COURSE: COMPUTER SCIENCE Paper-2

SESSION: Summer 2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OIT / INTERNSHIP				20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT					
CO1	1.50	0.00	0.00	0.00	1.50	3.00	2.70	2.69	2.70
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.54	2.91
CO3	0.00	0.00	2.50	0.00	2.50	3.00	2.90	2.46	2.81
CO4	0.00	0.00	0.00	1.50	1.50	3.00	2.70	2.54	2.67

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.70	3	3	0	0	0	3	2	2
CO2	2.91	3	3	0	1	0	3	2	2
CO3	2.81	2	2	1	3	1	0	1	0
CO4	2.67	2	2	0	0	3	2	3	2
		27.78	27.78	2.81	11.34	10.82	22.15	22.03	16.55
	TOTAL WEIGHT	10	10	1	4	4	8	8	6
ATTAINMENT OF POs		2.78	2.78	2.81	2.84	2.70	2.77	2.75	2.76

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Department of Computer Science
2020-2021
B.Sc. (Computer Science)
CO PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
Dr.Aruna Chamatkar	COMPUTER SCIENCE Paper-1	Summer 2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	0.00	0.00	0.00	0.00	0.00	3.00	2.40	2.65	2.45
CO2	0.00	2.50	0.00	0.00	2.50	3.00	2.90	2.53	2.83
CO3	0.00	0.00	2.50	0.00	2.50	3.00	2.90	2.29	2.78
CO4	0.00	0.00	0.00	2.00	2.00	3.00	2.80	2.38	2.68

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.45	3	3	2	2	1	3	1	2
CO2	2.83	3	3	2	1	0	1	1	2
CO3	2.78	2	3	1	3	1	1	0	2
CO4	2.68	3	2	1	2	0	2	3	2
		29.41	29.51	16.00	21.41	5.23	18.30	13.30	21.46
	TOTAL WEIGHT	11	11	6	8	2	7	5	8
ATTAINMENT OF POs		2.67	2.68	2.67	2.68	2.61	2.61	2.66	2.68

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
Swati A. Chandankhede	COMPUTER SCIENCE Paper-2	Summer 2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	0.00	0.00	0.00	0.00	0.00	3.00	2.40	2.63	2.45
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.67	2.95
CO3	0.00	0.00	2.50	0.00	2.50	3.00	2.90	2.43	2.81
CO4	0.00	0.00	0.00	2.00	2.00	3.00	2.80	2.43	2.73

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.45	3	3	0	0	0	3	2	2
CO2	2.93	3	3	0	1	0	3	2	2
CO3	2.81	2	2	1	3	1	0	1	0
CO4	2.73	2	2	0	0	3	2	3	2
		27.21	27.21	2.81	11.35	10.99	21.59	21.75	16.21
	TOTAL WEIGHT	10	10	1	4	4	8	8	6
ATTAINMENT OF POs		2.72	2.72	2.81	2.84	2.75	2.70	2.72	2.70

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CO PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Prof.Nandini Mungmode	COMPUTER SCIENCE	Paper-1	Summer	2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	2.50	0.00	0.00	0.00	2.50	1.50	1.70	2.08	1.78
CO2	0.00	2.00	0.00	0.00	2.00	1.50	1.60	2.04	1.69
CO3	0.00	0.00	3.00	0.00	3.00	1.50	1.80	2.04	1.85
CO4	0.00	0.00	0.00	1.50	1.50	1.50	1.50	2.04	1.61

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1.78	3	3	2	2	1	3	1	2
CO2	1.69	3	3	2	1	0	1	1	2
CO3	1.85	2	3	1	3	1	1	0	2
CO4	1.61	3	2	1	2	0	2	3	2
		18.91	19.15	10.38	14.00	3.62	12.08	8.29	13.84
	TOTAL WEIGHT	11	11	6	8	2	7	5	8
ATTAINMENT OF POs		1.72	1.74	1.73	1.75	1.81	1.73	1.66	1.73

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Ravindra Kalambe	COMPUTER SCIENCE	Paper-2	Summer	2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	1.50	1.80	2.65	1.97
CO2	0.00	3.00	0.00	0.00	3.00	1.50	1.80	2.62	1.96
CO3	0.00	0.00	3.00	0.00	3.00	1.50	1.80	2.50	1.94
CO4	0.00	0.00	0.00	1.50	1.50	1.50	1.50	2.58	1.72

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1.97	3	3	0	0	0	3	2	2
CO2	1.96	3	3	0	1	0	3	2	2
CO3	1.94	2	2	1	3	1	0	1	0
CO4	1.72	2	2	0	0	3	2	3	2
		19.11	19.11	1.94	7.78	7.09	15.23	14.95	11.30
	TOTAL WEIGHT	10	10	1	4	4	8	8	6
ATTAINMENT OF POs		1.91	1.91	1.94	1.95	1.77	1.90	1.87	1.88

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Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya, Sakkardara, Nagpur

Department of Electronics

2023-24

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: Mr. PRAVIN M. SONTAKKE

COURSE: ELECTRONICS Paper-I

SESSION: Summer 2023-24

CO ATTAINMENT

COURSE OUTCOME	TEST ATTAINMENT	ASSIGNMENT ATTAINMENT	PROJECT ATTAINMENT	OJT / INTERNS ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.65	2.93
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.47	2.89
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.29	2.86
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.18	2.84

PO ATTAINMENT

CO/PO	ATTAINMEN	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.93	3	2	0	1	0	3	2	2
CO2	2.89	3	3	1	2	0	2	2	2
CO3	2.86	2	2	1	3	0	1	1	2
CO4	2.84	3	2	1	2	1	2	1	2
		34.55	25.93	8.59	22.96	2.84	23.11	17.34	23.04
TOTAL WEIGHT		12	9	3	8	1	8	6	8
ATTAINMENT OF POs		2.88	2.88	2.86	2.87	2.84	2.89	2.89	2.88

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: MR. PRAVIN M. SONTAKKE

COURSE: ELECTRONICS Paper-2

SESSION: Summer 2023-24

CO ATTAINMENT

COURSE OUTCOME	TEST ATTAINMENT	ASSIGNMENT ATTAINMENT	PROJECT ATTAINMENT	OJT / INTERNS ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.65	2.93
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.53	2.91
CO3	0.00	0.00	2.50	0.00	2.50	3.00	2.50	2.29	2.78
CO4	0.00	0.00	0.00	1.00	1.00	3.00	2.60	2.18	2.52

PO ATTAINMENT

CO/PO	ATTAINMEN	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.93	3	2	0	1	0	3	2	2
CO2	2.91	3	3	1	2	0	2	1	1
CO3	2.78	2	2	1	2	1	2	0	1
CO4	2.52	3	3	2	2	1	3	2	2
		30.61	27.68	10.72	19.33	5.29	27.70	13.80	16.57
TOTAL WEIGHT		11	10	4	7	2	10	5	6
ATTAINMENT OF POs		2.78	2.77	2.68	2.76	2.65	2.77	2.76	2.76

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Kamla Nehru Mahavidyalaya
Department of Environmental Science
Bachelor of Science Semester - VI
CO - PO Attainment
Session: 2020-21

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Miss. Chandani. P. Kachave	Environmental Science	Paper-1	Summer	2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIZ / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.49	2.90
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.35	2.87
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.35	2.87
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.47	2.89

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.90	1	1	0	1	2	1	2	1
CO2	2.87	1	1	2	2	2	1	2	1
CO3	2.87	2	2	1	1	1	0	1	2
CO4	2.88	3	1	2	0	3	3	3	3
		21.69	25.93	20.11	17.24	23.95	20.22	23.04	25.96
	TOTAL WEIGHT	11	9	7	6	8	7	8	9
ATTAINMENT OF POs		2.88	2.88	2.87	2.87	2.88	2.89	2.88	2.88

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Miss. Sheetal D. Balpande	Environmental Science	Paper-2	Summer	2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIZ / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.52	2.90
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.51	2.86
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.37	2.84
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.39	2.86

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.90	2	1	1	1	2	2	1	1
CO2	2.86	1	2	1	1	1	1	2	2
CO3	2.84	1	1	2	2	1	2	1	1
CO4	2.86	1	1	1	2	2	2	1	2
		22.74	23.10	20.22	23.10	23.10	26.03	22.10	23.14
	TOTAL WEIGHT	10	8	7	8	8	9	7	8
ATTAINMENT OF POs		2.89	2.89	2.89	2.89	2.89	2.89	2.89	2.89

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Department of Environmental Science
Bachelor of Science Semester - VI
CO - PO Attainment
Session: 2021-22

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Miss. Chndani P. Kachave	Environmental Science	Paper-1	Summer	2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIZ / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.65	2.93
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.52	2.90
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.30	2.86
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.28	2.84

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.93	2	2	2	1	3	2	1	3
CO2	2.90	3	2	2	3	3	2	0	3
CO3	2.86	3	3	2	3	2	2	2	3
CO4	2.84	3	2	2	2	2	1	2	3
		31.66	31.43	23.06	28.24	27.37	25.30	27.16	31.69
TOTAL WEIGHT		11	11	8	10	8	9	8	11
ATTAINMENT OF POs		2.88	2.88	2.88	2.87	2.89	2.88	2.86	2.88

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Miss. Sheetal D. Balpande	Environmental Science	Paper-2	Summer	2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIZ / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	2.00	0.00	0.00	0.00	2.00	3.00	2.60	2.55	2.75
CO2	0.00	2.00	0.00	0.00	2.00	3.00	2.60	2.52	2.74
CO3	0.00	0.00	2.50	0.00	2.50	3.00	2.90	2.31	2.81
CO4	0.00	0.00	0.00	1.00	1.00	3.00	2.40	2.41	2.57

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.75	2	2	3	0	3	3	2	2
CO2	2.74	3	2	2	3	3	2	2	3
CO3	2.60	3	2	2	3	3	2	2	3
CO4	2.57	2	0	4	3	2	3	3	2
		27.24	15.53	24.46	24.31	29.99	27.02	24.27	24.01
TOTAL WEIGHT		10	6	9	9	11	10	9	11
ATTAINMENT OF POs		2.72	2.76	2.72	2.70	2.73	2.70	2.70	2.73

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Department of Environmental Science
Bachelor of Science Semester - VI
CO - PO Attainment
Session: 2023-24

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Miss. Kiran S. Bhandarkar	Environmental Science	Paper-1	Summer	2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.46	2.89
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.38	2.88
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.25	2.85
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.25	2.85

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.89	3	2	2	1	3	3	3	3
CO2	2.86	3	2	2	2	3	2	2	3
CO3	2.85	3	3	2	2	2	3	3	0
CO4	2.85	2	2	0	3	3	2	2	3
		31.46	23.01	20.03	17.14	19.92	22.92	22.92	14.39
TOTAL WEIGHT		11	7	7	6	7	8	8	5
ATTAINMENT OF POs		2.86	2.86	2.86	2.86	2.85	2.87	2.87	2.88

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Miss. Vaishnavi S. Rajurkar	Environmental Science	Paper-2	Summer	2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20% AVERAGE	80% AVERAGE	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.23	2.89
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.27	2.91
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.00	2.77
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.25	2.85

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.91	2	2	0	1	3	2	3	3
CO2	2.91	3	2	1	2	0	3	3	2
CO3	2.87	3	3	1	3	2	2	2	3
CO4	2.84	3	3	2	1	3	2	3	3
		31.22	22.68	11.35	19.84	22.68	25.56	19.29	22.67
TOTAL WEIGHT		11	8	4	7	8	9	5	8
ATTAINMENT OF POs		2.84	2.84	2.84	2.83	2.84	2.84	2.84	2.83

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Department of Mathematics
Session: 2023-24
Bachelor of Science Semester VI
CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Mrs. M. R. Kalambar	Mathematics	Paper-1	SUMMER	2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	0.00	0.60	2.35	0.95
CO2	0.00	3.00	0.00	0.00	3.00	0.00	0.60	2.32	0.94
CO3	0.00	0.00	3.00	0.00	3.00	0.00	0.60	2.32	0.94
CO4	0.00	0.00	0.00	3.00	3.00	0.00	0.60	2.24	0.93

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	0.95	3	2	1	1	2	1	0	1
CO2	0.94	3	3	2	2	0	1	2	1
CO3	0.94	3	1	3	1	3	1	3	1
CO4	0.93	3	2	0	1	1	1	0	1
TOTAL WEIGHT		11.80	7.53	5.67	4.71	5.68	3.77	4.72	3.77
		12	8	6	5	6	4	5	4
ATTAINMENT OF POs		0.94	0.94	0.93	0.94	0.94	0.94	0.94	0.94

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Dr. M. V. Borkar	Mathematics	Paper-2	SUMMER	2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	0.00	0.60	2.28	0.93
CO2	0.00	3.00	0.00	0.00	3.00	0.00	0.60	2.35	0.95
CO3	0.00	0.00	3.00	0.00	3.00	0.00	0.60	2.29	0.94
CO4	0.00	0.00	0.00	3.00	3.00	0.00	0.60	2.21	0.92

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	0.93	3	2	1	1	2	1	1	1
CO2	0.95	3	3	2	2	3	1	3	1
CO3	0.94	3	2	0	1	0	1	1	1
CO4	0.92	3	2	3	1	1	1	1	1
TOTAL WEIGHT		11.73	8.54	5.60	4.69	5.64	3.74	3.74	3.74
		12	7	6	5	6	4	4	4
ATTAINMENT OF POs		0.94	0.93	0.93	0.94	0.94	0.94	0.94	0.94

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Department of Mathematics

Session: 2021-22

Bachelor of Science Semester VI

CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Ms. V. A. Gujarkar	Mathematics	Paper-1	SUMMER	2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	0.00	2.40
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	0.00	2.40
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	0.00	2.40
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	0.00	2.40

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.40	3	2	1	1	2	1	2	1
CO2	2.40	3	3	2	2	1	1	0	1
CO3	2.40	3	1	0	1	0	1	1	1
CO4	2.40	3	2	2	1	2	1	2	1
		28.80	19.20	14.40	12.00	12.00	9.60	12.00	9.60
	TOTAL WEIGHT	12	8	6	5	5	4	5	4
ATTAINMENT OF POs		2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Dr. M. V. Borkar	Mathematics	Paper-2	SUMMER	2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	1.00	0.00	0.00	0.00	1.00	2.50	2.20	0.00	1.76
CO2	0.00	1.00	0.00	0.00	1.00	2.50	2.20	0.00	1.76
CO3	0.00	0.00	1.50	0.00	1.50	2.50	2.30	0.00	1.84
CO4	0.00	0.00	0.00	2.00	2.00	2.50	2.40	0.00	1.92

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1.76	3	2	1	1	2	1	1	1
CO2	1.76	3	2	2	2	1	1	0	1
CO3	1.84	3	1	0	1	1	1	0	1
CO4	1.92	3	2	2	1	2	1	0	1
		21.84	12.72	11.04	9.04	9.20	7.28	11.04	7.28
	TOTAL WEIGHT	12	7	6	5	5	4	6	4
ATTAINMENT OF POs		1.82	1.82	1.84	1.81	1.84	1.82	1.84	1.82

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Bachelor of Science Semester VI
CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Miss Rupali R.Meshram	Mathematics	Paper-1	Summer	2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.30	2.86
CO2	0.00	2.50	0.00	0.00	2.50	3.00	2.90	2.30	2.78
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.30	2.88
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.30	2.88

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.86	3	2	2	1	2	1	1	1
CO2	2.78	3	3	1	2	0	1	0	1
CO3	2.86	3	1	0	1	3	1	2	1
CO4	2.88	3	2	3	1	2	1	1	1
		34.14	22.68	17.14	14.18	20.06	11.38	11.46	11.38
	TOTAL WEIGHT	12	8	6	5	7	4	4	4
ATTAINMENT OF POs		2.85	2.84	2.86	2.83	2.87	2.85	2.87	2.85

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Dr. M.V.Borkar	Mathematics	Paper-2	Summer	2020-2021

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.49	2.90
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.35	2.87
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.33	2.87
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.43	2.89

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.90	3	2	2	1	1	1	1	1
CO2	2.87	3	2	0	2	2	1	1	1
CO3	2.87	3	1	3	1	1	1	1	1
CO4	2.89	3	2	1	1	2	1	1	1
		34.59	20.19	17.29	14.40	17.29	11.53	20.18	11.53
	TOTAL WEIGHT	12	7	6	5	6	4	7	4
ATTAINMENT OF POs		2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88

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KAMLA NEHRU MAHAVIDHYALAYA
DEPARTMENT OF MICROBIOLOGY
SESSION- 2023-24
BACHELOR OF SCIENCE SEMESTER VI
CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: MS. AARTI R. DHABEKAR

COURSE: Microbiology Paper-1

SESSION: Summer 2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	2.00	2.20	2.65	2.29
CO2	0.00	3.00	0.00	0.00	3.00	2.00	2.20	2.47	2.25
CO3	0.00	0.00	1.50	0.00	1.50	2.00	1.90	2.29	1.98
CO4	0.00	0.00	0.00	2.00	2.00	2.00	2.00	2.35	2.07

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.29	3	2	2	2	3	3	1	3
CO2	2.25	2	3	3	2	2	3	2	3
CO3	1.98	3	2	1	3	3	3	0	2
CO4	2.07	3	2	2	3	2	2	1	2
		23.52	19.44	17.46	21.24	21.45	23.71	8.87	21.73
	TOTAL WEIGHT	11	9	8	10	10	11	4	10
ATTAINMENT OF POs		2.14	2.16	2.18	2.12	2.15	2.16	2.22	2.17

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: Ms Shikha Soni

COURSE: Microbiology Paper-2

SESSION: Summer 2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	2.50	0.00	0.00	0.00	2.50	2.50	2.50	2.65	2.53
CO2	0.00	2.50	0.00	0.00	2.50	2.50	2.50	2.47	2.49
CO3	0.00	0.00	2.00	0.00	2.00	2.50	2.40	2.29	2.38
CO4	0.00	0.00	0.00	1.50	1.50	2.50	2.30	2.35	2.31

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.53	3	3	2	2	2	2	1	2
CO2	2.49	3	3	3	2	3	2	3	3
CO3	2.38	2	2	2	3	3	2	1	1
CO4	2.31	3	3	2	3	2	3	3	3
		26.76	26.76	16.93	24.12	26.90	21.74	16.93	23.89
	TOTAL WEIGHT	11	11	7	10	10	9	7	9
ATTAINMENT OF POs		2.43	2.43	2.42	2.41	2.43	2.42	2.40	2.43

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KAMLA NEHRU MAHAVIDHYALAYA
DEPARTMENT OF MICROBIOLOGY
SESSION- 2021-22
BACHELOR OF SCIENCE SEMESTER VI
CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: Ms. Aarti Dhabekar

COURSE: Microbiology Paper-1

SESSION: Summer 2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.65	2.93
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.47	2.89
CO3	0.00	0.00	2.50	0.00	2.50	3.00	2.90	2.29	2.78
CO4	0.00	0.00	0.00	2.00	2.00	3.00	2.80	2.35	2.71

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.93	3	3	2	2	2	2	1	2
CO2	2.89	3	3	1	2	3	2	2	3
CO3	2.78	2	2	2	3	3	2	3	1
CO4	2.71	3	3	2	3	2	3	3	3
		31.16	31.16	19.73	28.12	28.90	25.34	19.63	25.45
	TOTAL WEIGHT	11	11	7	10	10	9	7	9
ATTAINMENT OF POs		2.83	2.83	2.82	2.81	2.83	2.82	2.80	2.83

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: Ms. Sonali Kumarwar

COURSE: Microbiology Paper-2

SESSION: Summer 2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.65	2.93
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.47	2.89
CO3	0.00	0.00	2.50	0.00	2.50	3.00	2.90	2.29	2.78
CO4	0.00	0.00	0.00	2.00	2.00	3.00	2.80	2.35	2.71

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.93	3	3	2	2	2	2	1	2
CO2	2.89	3	3	1	2	3	2	2	3
CO3	2.78	2	2	2	3	3	2	3	1
CO4	2.71	3	3	2	3	2	3	3	3
		31.16	31.16	19.73	28.12	28.90	25.34	19.63	25.45
	TOTAL WEIGHT	11	11	7	10	10	9	7	9
ATTAINMENT OF POs		2.83	2.83	2.82	2.81	2.83	2.82	2.80	2.83

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KAMLA NEHRU MAHAVIDHYALAYA
DEPARTMENT OF MICROBIOLOGY
SESSION- 2020-21
BACHELOR OF SCIENCE SEMESTER VI
CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: Ms. AARTI DHABEKAR

COURSE: Microbiology Paper-1

SESSION: Summer 2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	2.50	0.00	0.00	0.00	2.50	3.00	2.90	2.65	2.85
CO2	0.00	2.50	0.00	0.00	2.50	3.00	2.90	2.47	2.81
CO3	0.00	0.00	2.00	0.00	2.00	3.00	2.80	2.29	2.70
CO4	0.00	0.00	0.00	1.50	1.50	3.00	2.70	2.35	2.63

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.85	3	3	2	2	2	2	1	2
CO2	2.81	3	3	1	2	3	2	2	3
CO3	2.70	2	2	2	3	3	2	1	1
CO4	2.63	3	3	2	3	2	3	3	3
		30.28	30.28	19.17	27.32	27.50	24.62	19.07	24.73
	TOTAL WEIGHT	11	11	7	10	10	9	7	9
ATTAINMENT OF POs		2.75	2.75	2.74	2.73	2.75	2.74	2.72	2.75

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: Ms Sonali Kumarwar

COURSE: Microbiology Paper-2

SESSION: Summer 2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	2.50	0.00	0.00	0.00	2.50	3.00	2.90	2.65	2.85
CO2	0.00	2.50	0.00	0.00	2.50	3.00	2.90	2.47	2.81
CO3	0.00	0.00	2.00	0.00	2.00	3.00	2.80	2.29	2.70
CO4	0.00	0.00	0.00	1.50	1.50	3.00	2.70	2.35	2.63

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.85	3	3	2	2	2	2	1	2
CO2	2.81	3	3	1	2	3	2	2	3
CO3	2.70	2	2	2	3	3	2	1	1
CO4	2.63	3	3	2	3	2	3	3	3
		30.28	30.28	19.17	27.32	27.50	24.62	19.07	24.73
	TOTAL WEIGHT	11	11	7	10	10	9	7	9
ATTAINMENT OF POs		2.75	2.75	2.74	2.73	2.75	2.74	2.72	2.75

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Department of Physics
Session 2020-2021
Bachelor of Science (B.Sc.) Semester VI
CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME		COURSE	SESSION
Mrs. Vandana R. Kharabe		PHYSICS Paper-1	Summer 2020-2021

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.24	2.85
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.41	2.88
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.29	2.86
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.24	2.85

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.85	3	3	3	2	0	2	0	2
CO2	2.88	3	3	3	3	2	3	1	3
CO3	2.86	3	3	3	2	1	2	0	2
CO4	2.85	3	3	2	2	2	3	1	0
		34.31	34.31	31.46	25.75	14.32	28.60	5.73	20.06
	TOTAL WEIGHT	12	12	11	9	5	10	2	7
ATTAINMENT OF POs		2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.87

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME		COURSE	SESSION
Dr.Ashish P. Mahajan		PHYSICS Paper-2	Summer 2020-2021

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.24	2.85
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.41	2.88
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.29	2.86
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.24	2.85

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.85	3	3	3	2	0	2	0	2
CO2	2.88	3	3	3	3	2	3	1	3
CO3	2.86	3	3	3	2	1	2	0	2
CO4	2.85	3	3	2	2	2	3	1	0
		34.31	34.31	31.46	25.75	14.32	28.60	5.73	20.06
	TOTAL WEIGHT	12	12	11	9	5	10	2	7
ATTAINMENT OF POs		2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.87

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Department of Physics
Session 2021-2022
Bachelor of Science (B.Sc.) Semester VI
CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
Mrs. Vandana R. Kharaba	PHYSICS Paper-1	Summer 2021-2022

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	3.00	3.00	3.00	3.00	2.59	2.92
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.24	2.85
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.29	2.86
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.35	2.87

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.92	3	3	3	2	0	2	0	2
CO2	2.85	3	3	3	3	2	3	1	3
CO3	2.86	3	3	3	2	1	2	0	2
CO4	2.87	3	3	2	2	2	3	1	0
		34.48	34.48	31.91	23.04	14.29	28.71	5.72	10.09
	TOTAL WEIGHT	12	12	11	9	5	10	2	7
ATTAINMENT OF POs		2.87	2.87	2.87	2.87	2.86	2.87	2.86	2.87

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
Dr.Ashish P. Mahajan	PHYSICS Paper-2	Summer 2021-2022

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.59	2.92
CO2	3.00	3.00	0.00	0.00	3.00	3.00	3.00	2.24	2.85
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.29	2.86
CO4	3.00	0.00	0.00	3.00	3.00	3.00	3.00	2.35	2.87

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.92	3	3	3	2	0	2	0	2
CO2	2.85	3	3	3	3	2	3	1	3
CO3	2.86	3	2	3	2	1	2	0	2
CO4	2.87	3	3	2	2	2	3	1	0
		34.48	34.48	31.91	23.04	14.29	28.71	5.72	10.09
	TOTAL WEIGHT	12	12	11	9	5	10	2	7
ATTAINMENT OF POs		2.87	2.87	2.87	2.87	2.86	2.87	2.86	2.87

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Department of Physics
Session 2023-2024
Bachelor of Science (B.Sc.) Semester VI

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME		COURSE		SESSION
Mrs. Vandana B. Kharabe		PHYSICS Paper-1		Summer 2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIZ / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	2.00	0.00	0.00	0.00	2.00	1.50	1.60	2.65	1.81
CO2	0.00	3.00	0.00	0.00	3.00	1.50	1.80	2.53	1.95
CO3	0.00	0.00	3.00	0.00	3.00	1.50	1.80	2.39	1.90
CO4	0.00	0.00	0.00	3.00	3.00	1.50	1.80	2.18	1.88

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1.81	3	3	3	2	0	2	0	2
CO2	1.95	3	3	3	3	2	3	1	3
CO3	1.90	3	3	3	2	1	2	0	2
CO4	1.88	3	3	2	2	2	3	1	0
		22.58	22.58	20.71	17.00	9.54	18.88	3.82	13.25
	TOTAL WEIGHT	12	12	11	9	5	10	2	7
ATTAINMENT OF POs		1.88	1.88	1.88	1.89	1.91	1.89	1.91	1.89

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME		COURSE		SESSION
Dr.Ashish P. Mahajan		PHYSICS Paper-2		Summer 2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIZ / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	2.00	0.00	0.00	0.00	2.00	1.50	1.60	2.65	1.81
CO2	0.00	3.00	0.00	0.00	3.00	1.50	1.80	2.53	1.95
CO3	0.00	0.00	3.00	0.00	3.00	1.50	1.80	2.39	1.90
CO4	0.00	0.00	0.00	3.00	3.00	1.50	1.80	2.18	1.88

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1.81	3	3	3	2	0	2	0	2
CO2	1.95	3	3	3	3	2	3	1	3
CO3	1.90	3	3	3	2	1	2	0	2
CO4	1.88	3	3	2	2	2	3	1	0
		22.58	22.58	20.71	17.00	9.54	18.88	3.82	13.25
	TOTAL WEIGHT	12	12	11	9	5	10	2	7
ATTAINMENT OF POs		1.88	1.88	1.88	1.89	1.91	1.89	1.91	1.89

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Kamla Nehru Mahavidyalaya
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Kamla Nehru Mahavidyalaya

Department of Sociology

Session: - 2020-21

Bachelor of ARTS SEM VI CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Dr.Sucheta Parkar	Sociology	Paper-6	Summer	2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	2.50	0.00	0.00	0.00	2.50	3.00	2.90	2.50	2.82
CO2	0.00	2.50	0.00	0.00	2.50	3.00	2.90	2.43	2.81
CO3	0.00	0.00	2.50	0.00	2.50	3.00	2.90	2.14	2.75
CO4	0.00	0.00	0.00	1.00	1.00	3.00	2.60	2.21	2.52

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.82	3	3	0	1	0	2	0	1
CO2	2.81	3	3	0	2	0	1	0	2
CO3	2.75	2	2	2	3	1	1	1	0
CO4	2.52	3	2	2	2	1	2	0	2
		29.94	27.42	10.54	21.72	5.27	16.24	2.75	13.43
	TOTAL WEIGHT	11	10	4	8	2	6	1	5
ATTAINMENT OF POs		2.72	2.74	2.64	2.72	2.64	2.71	2.75	2.70

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Department of Sociology

Session: - 2021-22

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CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Dr.Sucheta Parkar	Sociology	Paper-6	Summer	2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	60% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	2.50	0.00	0.00	0.00	2.50	3.00	2.90	2.36	2.79
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.29	2.86
CO3	0.00	0.00	2.50	0.00	2.50	3.00	2.90	2.07	2.73
CO4	0.00	0.00	0.00	1.00	1.00	3.00	2.60	2.36	2.55

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.79	3	3	0	1	0	2	0	1
CO2	2.86	3	3	1	2	0	1	1	2
CO3	2.73	2	2	0	3	1	1	1	0
CO4	2.55	2	2	2	2	1	2	0	2
		27.52	27.52	7.96	21.81	5.29	16.28	5.59	11.61
	TOTAL WEIGHT	10	10	3	8	2	6	2	5
ATTAINMENT OF POs		2.75	2.75	2.65	2.73	2.64	2.71	2.80	2.72

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Department of Sociology

Session: - 2023-24

Bachelor of ARTS SEM VI CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
Dr.Sucheta Parkar	Sociology	Paper-6	Summer	2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20% AVERAGE INTERNAL	80% AVERAGE EXTERNAL	80% DIRECT CO	20% INDIRECT CO	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	2.00	0.00	0.00	0.00	2.00	3.00	2.80	2.36	2.71
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.43	2.89
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.50	2.90
CO4	0.00	0.00	0.00	0.00	0.00	3.00	2.40	0.00	1.92

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.71	3	3	1	1	0	2	0	1
CO2	2.89	3	2	1	2	0	1	1	2
CO3	2.90	2	2	0	3	1	1	1	1
CO4	1.92	2	3	2	2	1	2	0	2
		26.43	25.47	9.44	21.02	4.82	15.05	5.79	15.22
	TOTAL WEIGHT	10	10	4	8	2	6	2	6
ATTAINMENT OF POs		2.64	2.55	2.36	2.63	2.41	2.51	2.89	2.54

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KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
DEPARTMENT OF ZOOLOGY
SESSION 2023-2024
B.SC. SEM-VI
CO PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
DR. FIRDOS A KARIM	ZOOLOGY	Paper-1	Summer	2023-24

CO ATTAINMENT

COURSE OUTCOME	TEST / ASSIGNMENT ATTAINMEN	PROJECT ATTAINMEN	OJT ATTAINMEN	INTERN ATTAINMEN	20% AVERAGE ATTAINMEN	80% AVERAGE ATTAINMEN	80% DIRECT CO ATTAINMEN	20% INDIRECT CO ATTAINMEN	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	2.00	2.20	2.63	2.29
CO2	0.00	3.00	0.00	0.00	3.00	2.00	2.20	2.50	2.26
CO3	0.00	0.00	2.00	0.00	2.00	2.00	2.00	2.25	2.05
CO4	0.00	0.00	0.00	2.00	2.00	2.00	2.00	2.13	2.03

PO ATTAINMENT

CO/PO	ATTAINMEN	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.29	3	2	0	2	0	2	0	3
CO2	2.26	3	3	1	2	2	2	0	2
CO3	2.05	2	2	2	3	1	1	1	2
CO4	2.03	3	3	2	3	2	3	1	2
		23.81	21.53	10.41	21.32	10.62	17.22	4.08	19.53
TOTAL WEIGHT		11	10	5	10	5	8	2	9
ATTAINMENT OF POs		2.16	2.15	2.08	2.13	2.12	2.15	2.04	2.17

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
DR. VANDANA V. PATIL	ZOOLOGY	Paper-2	Summer	2023-24

CO ATTAINMENT

COURSE OUTCOME	TEST / ASSIGNMENT ATTAINMEN	PROJECT ATTAINMEN	OJT ATTAINMEN	INTERN ATTAINMEN	20% AVERAGE ATTAINMEN	80% AVERAGE ATTAINMEN	80% DIRECT CO ATTAINMEN	20% INDIRECT CO ATTAINMEN	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	0.00	0.60	2.30	0.94
CO2	0.00	3.00	0.00	0.00	3.00	0.00	0.60	2.40	0.96
CO3	0.00	0.00	2.00	0.00	2.00	0.00	0.40	2.10	0.74
CO4	0.00	0.00	0.00	3.00	3.00	0.00	0.60	2.40	0.96

PO ATTAINMENT

CO/PO	ATTAINMEN	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	0.94	3	2	1	2	2	2	1	3
CO2	0.96	3	3	0	3	3	3	0	3
CO3	0.74	3	2	1	3	3	3	0	3
CO4	0.96	3	1	0	3	0	2	1	3
		10.80	7.20	1.68	9.86	6.98	8.90	1.90	10.80
TOTAL WEIGHT		12	8	2	11	8	10	2	12
ATTAINMENT OF POs		0.90	0.90	0.84	0.90	0.87	0.89	0.95	0.90

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B.SC. SEM-VI
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CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
DR. FIRDOS A. KARIM	ZOOLOGY	Paper-I	Summer	2021-22

CO ATTAINMENT

COURSE OUTCOME	TEST / ASSIGNMENT / PROJECT / OJT / INTER ATTAINMEN	ATTAINMEN	ATTAINMEN	ATTAINMEN	20% AVERAGE ATTAINMEN	80% AVERAGE ATTAINMEN	80% DIRECT CO ATTAINMEN	20% INDIRECT CO ATTAINMEN	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.22	2.84
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.33	2.87
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.22	2.84
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.23	2.85

PO ATTAINMENT

CO/PO	ATTAINME	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.84	3	2	2	2	2	2	1	3
CO2	2.87	3	3	2	2	1	2	1	2
CO3	2.84	2	2	1	3	2	1	0	2
CO4	2.86	3	3	0	3	0	3	0	2
		31.35	28.54	14.27	28.52	14.24	22.83	5.71	25.67
TOTAL WEIGHT		11	10	5	10	5	8	2	9
ATTAINMENT OF POs		2.85	2.85	2.85	2.85	2.85	2.85	2.86	2.85

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CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE		SESSION	
DR. VANDANA V. PATIL	ZOOLOGY	Paper-2	Summer	2021-22

CO ATTAINMENT

COURSE OUTCOME	TEST / ASSIGNMENT / PROJECT / OJT / INTERN ATTAINMEN	ATTAINMEN	ATTAINMEN	ATTAINMEN	20% AVERAGE ATTAINMEN	80% AVERAGE ATTAINMEN	80% DIRECT CO ATTAINMEN	20% INDIRECT CO ATTAINMEN	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.18	2.84
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.24	2.85
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.31	2.86
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.20	2.84

PO ATTAINMENT

CO/PO	ATTAINMEN	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.84	3	2	1	2	2	2	1	3
CO2	2.85	3	3	0	3	3	3	0	3
CO3	2.86	3	2	1	3	3	3	0	3
CO4	2.84	3	1	0	3	0	2	1	3
		34.16	22.78	5.70	31.32	22.80	28.48	5.68	34.16
TOTAL WEIGHT		12	8	2	11	8	10	2	12
ATTAINMENT OF POs		2.85	2.85	2.85	2.85	2.85	2.85	2.84	2.85

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TEACHER NAME	COURSE		SESSION	
DR. FIRDOS A. KARIM	ZOOLOGY	Paper-I	Summer	2020-21

CO ATTAINMENT

COURSE OUTCOME	TEST / ASSIGNMENT / PROJECT / OJT / INTER ATTAINMEN	ATTAINMEN	ATTAINMEN	ATTAINMEN	20% AVERAGE ATTAINMEN	80% AVERAGE ATTAINMEN	80% DIRECT CO ATTAINMEN	20% DIRECT CO ATTAINMEN	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.06	2.81
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.19	2.84
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.25	2.85
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.31	2.86

PO ATTAINMENT

CO/PO	ATTAINME	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.81	3	2	2	2	2	2	1	3
CO2	2.84	3	3	2	2	1	2	1	2
CO3	2.85	2	2	1	3	2	1	0	2
CO4	2.86	3	3	0	3	0	3	0	2
		31.24	28.43	14.15	28.44	14.16	22.74	5.65	25.54
TOTAL WEIGHT		11	10	5	10	5	8	2	9
ATTAINMENT OF POs		2.84	2.84	2.83	2.84	2.83	2.84	2.83	2.84

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CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20% AVERAGE ATTAINMENT	80% AVERAGE ATTAINMENT	80% DIRECT CO ATTAINMENT	20% INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.28	2.86
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.16	2.83
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.16	2.83
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.41	2.88

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.86	3	2	3	2	2	2	1	3
CO2	2.83	3	3	0	3	3	3	0	3
CO3	2.83	3	2	3	3	3	3	0	3
CO4	2.88	3	3	0	3	0	3	1	3
		34.20	22.75	5.69	31.54	22.70	28.46	5.74	34.20
TOTAL WEIGHT		12	8	2	11	8	10	2	12
ATTAINMENT OF POs		2.85	2.84	2.84	2.85	2.84	2.85	2.87	2.85

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