



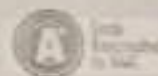
AMAR SEWA MANDAL'S Regd. No. M/229/TE-NOP/1/2019/M

KAMLA NEHRU MAHAVIDYALAYA

(ARTS, COMMERCE & SCIENCE)

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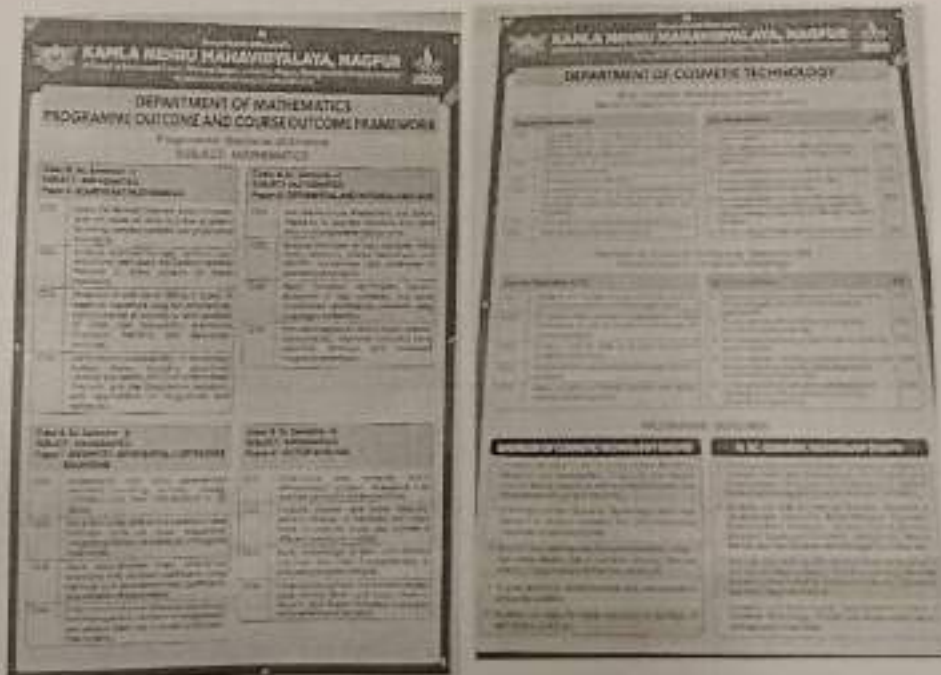


DR. (Smt.) SUHASINI G. WANJARI President **Adv. ABHJIT G. WANJARRI Secretary** **DR. DILIP S. BADWAIK Principal**

Program Outcomes and Course Outcomes are displayed on website



Program Outcomes and Course Outcomes are displayed on Notice Board



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

MISS. DIPENTI POHARE

COURSE

COSMETIC TECHNOLOGY S8-T1

SESSION

Summer 2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20%	80%	80%	20%	TOTAL CO ATTAINMENT
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT 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	2.40	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%	80%	80%	20%	TOTAL CO ATTAINMENT
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT 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	2.40	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	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: MRS. MINAKSHI BOKDE COURSE: COSMETIC TECHNOLOGY S8-T3 SESSION: Summer 2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20%	80%	80%	20%	TOTAL CO ATTAINMENT
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT 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	2.83
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: MRS. RADHIKA MOHOD COURSE: COSMETIC TECHNOLOGY S8-T4 SESSION: Summer 2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20%	80%	80%	20%	TOTAL CO ATTAINMENT
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT 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

Cosmetic Technology,
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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

MRS. RADHIKA MOHOD

COSMETIC TECHNOLOGY 58-T5

Summer 2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20%	80%	80%	20%	TOTAL CO ATTAINMENT
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE	AVERAGE	DIRECT CO	INDIRECT CO	
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	2.93
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KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME

COURSE

SESSION

MRS.ZEBA KHAN

COSMETIC TECHNOLOGY 58-T6

Summer 2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20%	80%	80%	20%	TOTAL CO ATTAINMENT
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT 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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Cosmetic Technology
Kamla Nehru Mahavidyalaya,
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IQAC Coordinator
Kamla Nehru Mahavidyalaya
Nagpur.

Kamla Nehru Mahavidyalaya
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%	80%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.60	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%	80%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT 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	2.40	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

Cosmetic Technology
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Nagpur.

Kamla Nehru Mahavidyalaya
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

MRS.MINAKSHI BOKDE

COURSE

COSMETIC TECHNOLOGY SS-T3

SESSION

Summer 2022-23

CO ATTAINMENT

COURSE OUTCOME	TEST / ASSIGNMENT / PROJECT / DJT / INTERNS ATTAINMENT	20%	80%	80%	20%	TOTAL CO
CO1	3.00	0.00	0.00	0.00	3.00	2.92
CO2	0.00	3.00	0.00	0.00	3.00	2.92
CO3	0.00	0.00	3.00	0.00	3.00	2.88
CO4	0.00	0.00	0.00	3.00	3.00	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
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KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

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

CO ATTAINMENT

COURSE OUTCOME	TEST / ASSIGNMENT / PROJECT / DJT / INTERN				20%	80%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE	AVERAGE	DIRECT CO	INDIRECT CO	
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	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	2.93
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H. O. D.
Cosmetic Technology
Kamla Nehru Mahavidyalaya,
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PRINCIPAL
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Kamla Nehru Mahavidyalaya
Nagpur.

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

KAMLA NEHRU MAHAVIDYALAYA, 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%	80%	80%	20%	TOTAL CO ATTAINMENT
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT 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	2.95
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	2.95	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%	80%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE	AVERAGE	DIRECT CO	INDIRECT CO	
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.80	2.95
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	2.95	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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Cosmetic Technology
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IQAC Coordinator
Kamla Nehru Mahavidyalaya
Nagpur.

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Session: 2021-22
Bachelor of Cosmetic Technology Semester VIII
CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

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

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20%	30%	30%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT 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	2.40	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
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KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

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

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20%	30%	30%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT 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	2.40	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	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	2.90
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Nagpur

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Session: 2021-22
Bachelor of Cosmetic Technology Semester VIII
CO-PO ATTAINMENT ANALYSIS



KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME

MRS. MINAKSHI BORDE

COURSE

COSMETIC TECHNOLOGY SB-T3

SESSION

Summer 2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20%	80%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE	AVERAGE	DIRECT CO	INDIRECT CO	
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	2.92
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KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME

COURSE

SESSION

MISS.RUCHIRA GAJBHIVE

COSMETIC TECHNOLOGY SB-T4

Summer 2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20%	80%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT 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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Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
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. RADHIKA MOHOD

COSMETIC TECHNOLOGY 58-T5

Summer 2022-23

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20%	80%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE	AVERAGE	DIRECT CO	INDIRECT CO	TOTAL CO
					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	2.94
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 58-T6

Summer 2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20%	80%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE	AVERAGE	DIRECT CO	INDIRECT CO	TOTAL CO
					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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Nagpur.



Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Session: 2020-21

Bachelor of Cosmetic Technology Semester VIII
CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: MISS. DIPANTI POHARE COURSE: COSMETIC TECHNOLOGY SB-T1 SESSION: Summer 2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20%	30%	30%	20%	TOTAL CO ATTAINMENT
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE	AVERAGE	DIRECT CO	INDIRECT CO	
CO1	1.00	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	2.80	2.92
TOTAL WEIGHT					12	12	12	11	11

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	2.92
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KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

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

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20%	30%	30%	20%	TOTAL CO ATTAINMENT
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE	AVERAGE	DIRECT CO	INDIRECT CO	
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	2.80	2.92
TOTAL WEIGHT					12	12	12	11	11

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	35.04	23.36	35.04
TOTAL WEIGHT		12	12	12	8	8	12	8	12

ATTAINMENT OF POs

2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92
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Department of Cosmetic Technology
Session: 2020-21
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 2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20%	30%	30%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE	AVERAGE	DIRECT CO	INDIRECT 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	2.60	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 2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20%	30%	30%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT 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	2.93
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Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Session: 2020-21
Bachelor of Cosmetic Technology Semester VIII
CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME

COURSE

SESSION

MRS. RADHIKA MOHOD

COSMETIC TECHNOLOGY 58-15

Summer 2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERSHIP				20%	30%	50%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO 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	2.96
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	2.93

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME

COURSE

SESSION

MISS. RUCHIRA GAJBHIYE

COSMETIC TECHNOLOGY 58-T6

Summer 2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERSHIP				20%	30%	50%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.60	2.96
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	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	2.91
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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. DIPENTI POHARE

COSMETIC TECHNOLOGY 58-T1

Summer 2019-20

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20%	80%	80%	20%	TOTAL CO ATTAINMENT
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT 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	2.40	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	2.90	2.91	2.90	2.91
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KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME		COURSE			SESSION	
MRS. RAJANI WADHANKAR		COSMETIC TECHNOLOGY	58-T2		Summer	2019-20

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20%	80%	80%	20%	TOTAL CO ATTAINMENT
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT 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	2.40	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
Nagpur.

Kamla Nehru Mahavidyalaya
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. ADINAKSHI BHOWDE		COSMETIC TECHNOLOGY SS-T4				SUMMER 2019-20			
CO ATTAINMENT									
COURSE OUTCOME	TEST / ASSIGNMENT ATTAINMENT	PROJECT ATTAINMENT	PORTFOLIO ATTAINMENT	INTERVIEW ATTAINMENT	20% AVERAGE ATTAINMENT	40% AVERAGE ATTAINMENT	80% DIRECT ATTAINMENT	20% INDIRECT ATTAINMENT	TOTAL CO ATTAINMENT
CO1	100	0.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO2	100	0.00	0.00	0.00	3.00	3.00	3.00	2.60	2.92
CO3	100	0.00	3.00	0.00	3.00	3.00	3.00	2.60	2.92
CO4	100	0.00	0.00	3.00	3.00	3.00	3.00	2.60	2.92
PO ATTAINMENT									
COURSE	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.92	3	3	2	1	3	3	2	3
CO2	2.92	3	3	2	1	3	3	2	3
CO3	2.92	3	3	2	1	3	3	2	3
CO4	2.92	3	3	2	1	3	3	2	3
TOTAL WEIGHT		36.04	36.04	23.36	11.68	23.36	36.04	23.36	23.36
		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. SACHINRA GARNIYE

COSMETIC TECHNOLOGY SS-T4

Summer

2019-20

CO ATTAINMENT

COURSE	TEST	ASSIGNMENT	PROJECT	QUIZ	INTER	AVERAGE	AVERAGE	DIRECT	INDIRECT	TOTAL CO
OUTCOME	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	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	3.00	2.80	2.96
CO3	0.00	0.00	3.00	0.00	3.00	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	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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Nagpur.

Kamla Nehru Mahavidyalaya
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

MRS. RADHIKA MOHOD

COSMETIC TECHNOLOGY SB-T5

Summer 2019-20

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20%	80%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.60	2.93
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	2.93	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	2.93
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KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME

MISS. RUCHIRA GAJBHIYE

COURSE

COSMETIC TECHNOLOGY SB-T6

SESSION

Summer 2019-20

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20%	80%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT 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	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	3	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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Coordinator
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Nagpur

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

DEPARTMENT OF COMPUTER SCIENCE

SESSION 2019-2020

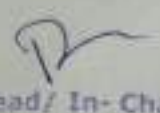
Bachelor of Computer Application (BCA)

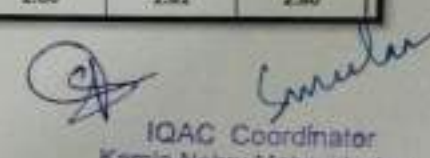
CO PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR									
CO-PO ATTAINMENT ANALYSIS									
TEACHER NAME Prof. B. A. JAGTAP					COURSE COMPUTER GRAPHICS II Paper-1			SESSION Summer 2019-20	
CO ATTAINMENT									
COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20%	40%	40%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT 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	2.50	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	3	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 Javed Shah					COURSE PROGRAMMING IN JAVA Paper-II			SESSION Summer 2019-2020	
CO ATTAINMENT									
COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20%	40%	40%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT 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	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	2.81	3	1	1	0	3	2	3	2
		30.86	25.74	19.63	16.83	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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KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

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 / OIT / INTERNSHIP				20%	60%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE	AVERAGE	DIRECT CO	INDIRECT CO	
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	2	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



KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME
Prof. A. G. MESHAM

COURSE
Software Testing Paper-6

SESSION
Summer 2019-20

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OIT / INTERNSHIP				20%	60%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE	AVERAGE	DIRECT CO	INDIRECT CO	
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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IQAC Coordinator
Kamla Nehru Mahavidyalaya
Nagpur.



KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME

R.V.Bodkhe

COURSE

PSIP II

Paper-5

SESSION

Summer 2019-2020

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OIT / INTERNSHIP				20%	40%	60%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT 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	2.17	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

Prof. Swapnali G. Kadan

COURSE

Data Communication and
Network-II

Paper-6

SESSION

Summer 2019-20

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OIT / INTERNSHIP				20%	40%	60%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT 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	2.04	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	1
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	1
		30.96	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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Kamla Nehru Mahavidyalaya
Nagpur.

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
DEPARTMENT OF COMPUTER SCIENCE
SESSION 2020-2021

Bachelor of Computer Application (BCA)
CO PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, 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 / QIT / INTERNSHIP				20%	80%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO 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	1.89	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	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	2	2	2
CO2	2.89	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	2
TOTAL WEIGHT		34.65	23.10	31.79	30.22	17.33	14.43	8.65	17.55
ATTAINMENT OF POs		2.89	2.89	2.89	2.89	2.89	2.89	2.88	2.89

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR									
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 / QIT / INTERNSHIP				20%	80%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT 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	2.10	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
TOTAL WEIGHT		30.83	22.56	19.64	19.58	19.62	16.75	22.46	11.29
ATTAINMENT OF POs		2.80	2.80	2.81	2.80	2.80	2.79	2.80	2.81

PRINCIPAL
 Kamla Nehru Mahavidyalaya,
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Head / In-Charge
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 Sakardara Chowk, Nagpur.

ICAC Coordinator
 Kamla Nehru Mahavidyalaya
 Nagpur.

**KAMLA NEHRU MAHAVIDYALAYA, NAGPUR****CO-PO ATTAINMENT ANALYSIS**

TEACHER NAME

Prof. V. G. BELSARE

COURSE

ASP.Net

Paper-3

SESSION

Summer

2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / DIT / INTERNSHIP				20%	40%	60%	80%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE	AVERAGE	DIRECT CO	INDIRECT 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	2.35	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	3	3	1	1	0	1	2
CO4	2.89	1	2	3	2	0	1	2	2
		34.65	25.07	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

Prof. A. G. MESHRAM

COURSE

SOFTWARE TESTING

Paper-6

SESSION

Summer

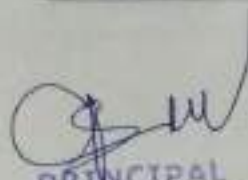
2020-21

CO ATTAINMENT

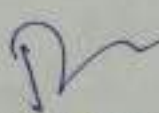
COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / DIT / INTERNSHIP				20%	40%	60%	80%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE	AVERAGE	DIRECT CO	INDIRECT CO	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	1.87	2.77
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.08	2.82
CO3	0.00	0.00	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	2.15	2.83

PO ATTAINMENT

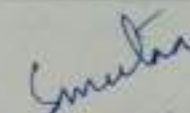
CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.77	3	1	2	1	0	3	2	2
CO2	2.82	3	3	2	2	0	1	2	0
CO3	2.79	2	2	3	3	1	0	1	0
CO4	2.83	3	1	1	3	3	2	3	2
		30.84	19.64	22.39	25.26	11.27	16.79	22.45	11.20
TOTAL WEIGHT		11	7	8	9	4	6	8	4
ATTAINMENT OF POs		2.80	2.81	2.80	2.81	2.82	2.80	2.81	2.80


PRINCIPAL

Kamla Nehru Mahavidyalaya,
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Head/ In- Charge
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IQAC Coordinator
Kamla Nehru Mahavidyalaya
Nagpur.

**KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR****CO-PO ATTAINMENT ANALYSIS**

TEACHER NAME

R.V.Bedkhe

COURSE

PIP II

Paper-5

SESSION

Summer

2020-2021

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OIT / INTERNSHIP				20%	30%	40%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT 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 MAHAVIDAYALAYA, NAGPUR****CO-PO ATTAINMENT ANALYSIS**

TEACHER NAME

Prof.Swapnali G. Kadoo

COURSE

Data Communication and
Network-II

Paper-6

SESSION

Summer

2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OIT / INTERNSHIP				20%	30%	40%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	1.88	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	22.43	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

PRINCIPALKamla Nehru Mahavidyalaya,
Balkhandra Chowk, Nagpur.**Head/ In- Charge**Department of Computer Science
Kamla Nehru Mahavidyalaya,
Balkhandra Chowk, Nagpur.**IQAC Coordinator**Kamla Nehru Mahavidyalaya
Nagpur.

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

DEPARTMENT OF COMPUTER SCIENCE

SESSION 2021-2022

Bachelor of Computer Application (BCA)

CO PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, 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 / QIT / INTERNSHIP				20%	80%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	
CO1	3.00	0.00	0.00	0.00	3.00	1.00	3.00	2.35	2.87
CO2	0.00	3.00	0.00	0.00	1.00	3.00	1.00	2.45	2.89
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.45	2.99
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	3	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 MAHAVIDYALAYA, 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 / QIT / INTERNSHIP				20%	80%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT 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	2.09	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

PRINCIPAL

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ICAC Coordinator
Kamla Nehru Mahavidyalaya
Nagpur.

**KAMLA NEHRU MAHAVIDAYALAYA, 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%	30%	30%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO 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	3	3
CO3	2.89	3	1	3	1	1	0	3	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	2.88

**KAMLA NEHRU MAHAVIDAYALAYA, 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%	30%	30%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO 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	2.82

PRINCIPALKamla Nehru Mahavidyalaya,
Sakhardare Chowk, Nagpur**Head / In- Charge**Department of Computer Science
Kamla Nehru Mahavidyalaya,
Sakhardare Chowk, Nagpur.**IQAC Coordinator**Kamla Nehru Mahavidyalaya
Nagpur



KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME

R.V.Bodkhe

COURSE

PHP II Paper-5

SESSION

Summer 2021-2022

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OIT / INTERNSHIP				20%	30%	40%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	3.84	2.77
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	3.08	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	16.83	16.83	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

Prof. Swapnali G. Kadam

COURSE

Data Communication and
Network-II Paper-6

SESSION

Summer 2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OIT / INTERNSHIP				20%	30%	40%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO 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	1	0
CO3	2.79	2	2	3	3	1	0	1	0
CO4	2.85	3	1	1	3	3	2	3	1
		30.94	19.67	22.42	25.33	11.35	16.87	22.55	13.27
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

PRINCIPAL

Kamla Nehru Mahavidyalaya,
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Kamla Nehru Mahavidyalaya
Nagpur

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

DEPARTMENT OF COMPUTER SCIENCE

SESSION 2022-2023

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 2022-23	
CO ATTAINMENT									
COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20%	40%	40%	20%	TOTAL CO ATTAINMENT
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.59	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	5	2	2	1	1	2	2	2
CO2	2.91	3	3	3	3	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	14.43	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 MAHAVIDYALAYA, 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 / QIT / INTERNSHIP				20%	40%	40%	20%	TOTAL CO ATTAINMENT
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	
CO1	3.00	0.00	0.00	0.00	3.00	2.00	2.20	2.33	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	0	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

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur

Head/ In- Charge
Department of Computer Science
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

IQAC Coordinator
Kamla Nehru Mahavidyalaya,
Nagpur.

**KAMLA NEHRU MAHAVIDYALAYA, NAGPUR****CO-PO ATTAINMENT ANALYSIS**TEACHER NAME
Prof. V. G. BELSARECOURSE
ASP.Net Paper-3SESSION
Summer 2022-23**CO ATTAINMENT**

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OIT / INTERNSHIP				20%	60%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE	AVERAGE	DIRECT CO	INDIRECT CO	
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	2	1	1	1	3
CO2	2.27	3	3	3	2	2	0	3	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
Prof. A.G. MESHAMCOURSE
SOFTWARE TESTING Paper-4SESSION
Summer 2022-23**CO ATTAINMENT**

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OIT / INTERNSHIP				20%	60%	80%	20%	TOTAL CO
	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	2.05	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
		30.95	19.67	22.45	25.32	11.28	16.84	22.49	11.25
TOTAL WEIGHT		11	7	8	5	4	6	8	4
ATTAINMENT OF POs		2.81	2.81	2.81	2.81	2.82	2.81	2.81	2.81

PRINCIPAL

Kamla Nehru Mahavidyalaya,
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Head / In- Charge

Department of Computer Science
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.IQAC Coordinator
Kamla Nehru Mahavidyalaya
Nagpur

**KAMLA NEHRU MAHAVIDYALAYA, NAGPUR****CO-PO ATTAINMENT ANALYSIS**

TEACHER NAME

R.V.Bodke

COURSE

PHP II

Paper-5

SESSION

Summer 2022-2023

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERSHIP				20%	30%	50%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO 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	2.30	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
		30.34	25.15	16.79	19.54	19.64	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

Prof.Swapnali G. Kadam

COURSE

Data Communication and
Network-II

SESSION

Summer 2022-23

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERSHIP				20%	30%	50%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT 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	2.08	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

PRINCIPAL

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Head/ In- Charge

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Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

IOAC Coordinator

Kamla Nehru Mahavidyalaya
Nagpur.

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

Prof. B. A. JAGTAP

COURSE

COMPUTER GRAPHICS II Paper-I

SESSION

Summer 2023-24

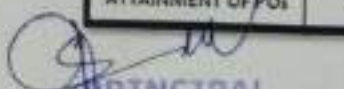
CO ATTAINMENT

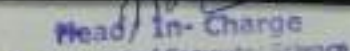
COURSE OUTCOME	UNIT TEST	ASSIGNMENT	PROJECT / OIT	INTERSHIP	20%	30%	30%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE	AVERAGE	DIRECT CO	INDIRECT CO	
CO1	1.00	0.00	0.00	0.00	1.00	1.00	1.00	2.25	2.85
CO2	0.00	1.00	0.00	0.00	1.00	1.00	1.00	2.52	2.90
CO3	0.00	0.00	1.00	0.00	1.00	1.00	1.00	2.51	2.90
CO4	0.00	0.00	0.00	1.00	1.00	1.00	1.00	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	1	2	2
CO2	2.90	1	2	2	2	2	1	1	1
CO3	2.90	1	2	1	2	2	0	0	1
CO4	2.91	3	1	3	2	1	1	0	2
		34.63	21.12	31.84	30.27	17.37	18.42	8.61	17.32
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 MAHAVIDAYALAYA, 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 / OIT	INTERNSHIP	20%	30%	30%	20%		
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	TOTAL CO ATTAINMENT	
CO1	1.00	0.00	0.00	0.00	1.00	1.00	1.00	1.89	2.78	
CO2	1.00	1.00	0.00	0.00	1.00	1.00	1.00	2.06	2.81	
CO3	0.00	0.00	1.00	0.00	1.00	1.00	1.00	1.95	2.79	
CO4	0.00	0.00	0.00	1.00	1.00	1.00	1.00	2.13	2.81	
PO ATTAINMENT										
CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	
CO1	2.78	3	2	0	1	2	1	2	2	
CO2	2.81	3	1	2	2	0	1	2	1	
CO3	2.79	2	2	1	3	1	0	1	0	
CO4	2.81	5	1	2	0	1	2	3	2	
		30.82	25.17	19.64	16.77	16.82	16.79	22.44	14.82	
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	


PRINCIPAL
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Head in Charge
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SAC Coordinator
 Kamla Nehru Mahavidyalaya
 Nagpur.

**KAMLA NEHRU MAHAVIDYALAYA, NAGPUR****CO-PO ATTAINMENT ANALYSIS**

TEACHER NAME

Prof. V. G. BELSARE

COURSE

ASP.Net

Paper-3

SESSION

Summer

2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERSHIP				20%	60%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE	AVERAGE	DIRECT CO	INDIRECT CO	
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.33	2.85
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.54	2.91
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.52	2.90
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.51	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	31.63	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

Prof. A. GAHROLE

COURSE

SOFTWARE TESTING

Paper-4

SESSION

Summer

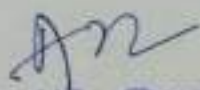
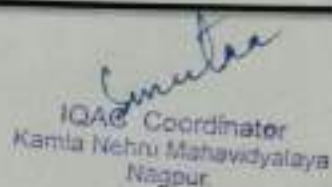
2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERSHIP				20%	60%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE	AVERAGE	DIRECT CO	INDIRECT CO	
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	2.81
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	1
CO2	2.81	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	22.33	15.24	11.28	16.83	22.48	11.23
TOTAL WEIGHT		11	7	8	9	4	8	8	4
ATTAINMENT OF POs		2.80	2.80	2.79	2.80	2.82	2.80	2.81	2.81


PRINCIPALKamla Nehru Mahavidyalaya,
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Sakkardara Chowk, Nagpur.

IQAC Coordinator
Kamla Nehru Mahavidyalaya
Nagpur.



KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME

R.V.Bodkhe

COURSE

PHP II

Paper-1

SESSION

Summer 2023-2024

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20%	30%	50%	20%	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	1.83	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	2.83

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.79	3	3	0	1	3	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	11.73
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 MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME

Prof.Swapnali G. Kadao

COURSE

Data Communication and Network-II

Paper-6

SESSION

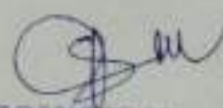
Summer 2023-24

CO ATTAINMENT

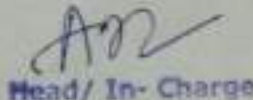
COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20%	30%	50%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	1.89	2.78
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.09	2.82
CO3	0.00	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	1
		30.85	19.62	22.35	25.24	11.28	16.83	22.48	11.73
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


PRINCIPAL

Kamla Nehru Mahavidyalaya,
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Head/ In- Charge

Department of Computer Science
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IQAC Coordinator
Kamla Nehru Mahavidyalaya,
Nagpur.

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 / QJT	INTERNSHIP	20% AVERAGE	40% AVERAGE	60% 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	2.93	2.93	
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.79	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	2.93	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	
TOTAL WEIGHT		28.58	22.90	8.54	31.49	22.80	28.58	31.44	31.44	
		10	8	3	11	8	10	11	11	
ATTAINMENT OF POs		2.86	2.86	2.85	2.88	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 / QJT / INTERNSHIP			20%	40%	60%	20%	
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	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	2	3
TOTAL WEIGHT		12	9	6	4	6	7	9	3
ATTAINMENT OF POs		2.84	2.86	2.84	2.88	2.79	2.81	2.82	2.70

Principal
PRINCIPAL

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Sakkardare Chowk, Nagpur

IQAC Co-ordinator

IQAC Coordinator
Kamla Nehru Mahavidyalaya
Nagpur

Head of Department

Head
Department of Biochemistry
Kamla Nehru Mahavidyalaya
Nagpur.

KAMLA NEHRU MAHAVIDYALAYA

Department of Biochemistry

Session 2021-22

Bachelor of Science Semester VI

CO-PO Attainment Analysis

KAMLA NEHRU MAHAVIDAYALAYA, 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	20%	30%	30%	20%	TOTAL CO			
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	2.00	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 MAHAVIDAYALAYA, NAGPUR									
CO-PO ATTAINMENT ANALYSIS									
TEACHER NAME					COURSE			SESSION	
Palash Manoj Thakre					Molecular Biology		Biochemistry Paper II	Summer	2021-22
CO ATTAINMENT									
COURSE OUTCOME	UNIT TEST	ASSIGNMENT	PROJECT / OJT	INTERNSHIP	20%	30%	30%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.43	2.88
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.43	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
TOTAL WEIGHT		34.41	25.85	14.28	11.42	17.10	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 MAHAVIDAYALAYA, 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	20%		80%		TOTAL CO	
	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	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	3	3	2	3	3	3
CO2	1.95	2	2	0	3	2	2	2	2
CO3	1.90	2	2	3	2	3	2	3	3
CO4	1.88	3	2	1	3	3	3	3	3
TOTAL WEIGHT		19.22	15.38	5.74	21.17	15.36	19.22	21.12	21.12
		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 MAHAVIDAYALAYA, 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				20%	80%	80%	20%	TOTAL CO ATTAINMENT
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT 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	2.81
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	3	1	0	3	3	0
CO3	2.81	3	2	3	3	1	0	1	0
CO4	2.89	3	1	1	0	3	3	3	3
TOTAL WEIGHT		32.92	24.52	13.63	10.73	16.42	19.28	25.13	8.68
		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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Kamla Nehru Mahavidyalaya
Department Of Biotechnology
CO-PO Attainment Analysis
B.Sc.Sem VI
Session 2023-2024



KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME				COURSE				SESSION		
Mr. Nishant Burde				Biotechnology		Paper I		Summer		2023-24
CO ATTAINMENT										
				20%		80%		80%		20%
COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	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	2.85	
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	2.67	2.81	
CO4	0.00	0.00	0.00	2.50	2.50	3.00	2.90	2.35	2.75	

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.85	3	3	0	3	3	1	3	3
CO2	2.84	3	3	3	3	3	1	1	3
CO3	2.81	3	2	1	3	1	1	1	2
CO4	2.79	3	2	1	1	1	2	1	3
TOTAL WEIGHT		33.91	25.44	11.28	22.65	17.00	14.09	14.16	28.26
		12	9	4	8	6	5	5	10
ATTAINMENT OF POs		2.83	2.83	2.82	2.82	2.82	2.82	2.83	2.83



KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME				COURSE				SESSION	
Dr. Sandhya Moghe				Biotechnology		Paper-2		Summer	2023-24
CO ATTAINMENT									
				20%		80%		20%	
COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	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	2.89	2.88
CO3	0.00	0.00	1.00	0.00	1.00	3.00	2.60	2.67	2.57
CO4	0.00	0.00	0.00	2.50	2.50	3.00	2.90	2.85	2.79

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.78	3	2	0	2	2	1	3	3
CO2	2.88	3	3	3	3	2	1	1	3
CO3	2.57	3	2	1	2	1	1	1	2
CO4	2.78	3	2	1	1	1	2	1	3
TOTAL WEIGHT		32.47	24.32	10.72	21.33	16.28	13.61	15.60	27.22
		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 / OIT / INTERNSHIP				20%	30%	30%	20%	
					AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	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	2.68	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	22.12	16.76	13.93	14.08	28.02
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

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Nagpur.

Department Of Biotechnology
CO-PO Attainment Analysis
B.Sc.Sem VI
Session 2020-2021

KAMLA NEHRU MAHAVIDAYALAYA, 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 / QUT / INTERSHIP				20%	40%	40%	20%	
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	INDIRECT CO	TOTAL CO
CO1	5.00	0.00	0.00	0.00	3.00	3.00	3.00	2.31	2.98
CO2	0.00	1.50	0.00	0.00	1.50	3.00	2.70	2.39	2.63
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	2.33	2.79
PO ATTAINMENT									
CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.98	3	2	0	2	2	1	2	3
CO2	2.63	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
		11.43	24.96	10.81	22.17	16.78	13.93	14.08	28.82
TOTAL WEIGHT		12	8	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 / QUT / INTERSHIP				20%	40%	40%	20%	TOTAL CO ATTAINMENT
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO 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	2.89
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	2.89	3	2	1	2	1	1	1	2
CO4	2.84	3	2	1	1	1	2	1	3
		34.39	25.96	11.51	23.13	17.36	14.36	14.65	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
 Nagpur

KAMLA NEHRU MAHAVIDYALAYA
DEPARTMENT OF BOTANY
Session : 2020-21
Bachelor of Science Semester VI
CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME

Dr. Vaishali Y. Charjan

COURSE

Botany Paper-I

SESSION

Summer 2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QJT / INTERSHIP				20%	40%	40%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	INDIRECT CO	
CO1	3.00	6.00	0.00	0.00	3.00	3.00	3.00	2.97	2.93
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	2.98	2.98
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	2.93	3	3	C	3	3	3	3	3
CO2	2.91	3	3	3	3	3	3	C	C
CO3	2.98	3	3	3	3	3	3	3	C
CO4	2.91	3	3	3	C	3	3	3	3
		32.04	26.20	27.97	17.39	20.01	23.39	11.71	11.71
TOTAL WEIGHT		11	9	8	8	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, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME

Mr. Benson Abraham

COURSE

Botany Paper-2

SESSION

Summer 2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QJT / INTERSHIP				20%	40%	40%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	INDIRECT CO	
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.87	2.83
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.83	2.83
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	2.80	2.90

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.93	3	3	C	3	3	3	3	3
CO2	2.93	3	3	3	3	3	3	C	C
CO3	2.83	3	3	3	3	3	3	C	C
CO4	2.90	3	3	3	C	3	3	3	3
		32.04	26.20	17.97	17.39	20.41	23.39	11.71	11.71
TOTAL WEIGHT		11	9	8	8	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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Nagpur

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

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

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

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / Q/T / INTERNSHIP				20%	40%	40%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	INDIRECT CO	
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.75	2.88
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	2.75	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	2.88	3	0	3	2	2	3	3	2
CO2	2.89	3	2	3	3	3	2	2	3
CO3	2.87	3	3	3	3	3	2	3	3
CO4	2.83	3	2	3	3	3	2	3	3
TOTAL WEIGHT		31.81	26.07	17.92	33.73	25.95	26.07	31.78	31.73
ATTAINMENT OF POs		2.89	2.90	2.89	2.88	2.88	2.90	2.89	2.88

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

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

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / Q/T / INTERNSHIP				20%	40%	40%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	INDIRECT CO	
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	2.57	2.89
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.23	2.87
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.27	2.89

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.80	3	3	1	2	2	2	2	2
CO2	2.89	3	2	2	3	3	2	2	3
CO3	2.87	3	3	3	3	3	2	3	3
CO4	2.83	3	2	3	3	3	2	3	3
TOTAL WEIGHT		34.12	29.41	25.27	31.32	19.88	29.49	26.47	31.92
ATTAINMENT OF POs		2.84	2.84	2.85	2.85	2.84	2.84	2.85	2.85

Head of the Deptt.
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Nagpur

KAMLA NEHRU MAHAVIDYALAYA
DEPARTMENT OF BOTANY
Session : 2023-24
Bachelor of Science Semester VI
CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, 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 / QUT / INTERSHIP				10%	20%	30%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE INTERNAL ATTAINMENT	AVERAGE EXTERNAL ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	
CO1	3.00	0.00	0.00	0.00	0.50	1.50	1.00	2.25	3.25
CO2	0.00	4.00	0.00	0.00	0.00	1.50	1.00	2.25	3.25
CO3	4.00	0.00	3.00	0.00	2.00	1.50	1.00	1.75	3.25
CO4	0.00	0.00	0.00	5.00	1.00	1.50	1.00	4.75	3.25

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1.50	2	1	2	2	1	1	1	1
CO2	1.50	2	2	1	2	2	1	2	1
CO3	1.50	3	3	2	1	3	2	3	2
CO4	1.50	2	2	2	2	3	3	2	1
		21.50	27.50	8.50	19.50	27.50	15.00	27.50	19.50
TOTAL WEIGHT	15	9	9	9	10	9	8	9	10
ATTAINMENT OF POs		1.94	1.95	1.96	1.94	1.95	1.96	1.95	1.94

Kamla Nehru Mahavidyalaya
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME: Dr. Vaidhali Y. Charjan COURSE: Botany PAPER: 2 SESSION: Summer 2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QUT / INTERSHIP				10%	20%	30%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE INTERNAL ATTAINMENT	AVERAGE EXTERNAL ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	
CO1	3.00	0.00	0.00	0.00	0.00	2.00	2.00	0.15	2.15
CO2	0.00	3.00	0.00	0.00	0.00	2.00	2.00	0.15	2.15
CO3	0.00	0.00	0.00	0.00	0.00	2.00	2.00	0.15	2.15
CO4	0.00	0.00	0.00	5.00	0.00	2.00	2.00	0.15	2.15

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.15	1	1	1	2	2	2	1	1
CO2	2.15	2	2	2	2	2	2	2	2
CO3	2.15	2	2	2	2	2	2	2	2
CO4	2.15	2	1	2	2	2	2	2	2
		22.25	22.25	22.25	24.00	24.00	24.00	24.00	24.00
TOTAL WEIGHT	10	10	10	10	11	9	11	9	9
ATTAINMENT OF POs		2.23	2.23	2.23	2.22	2.20	2.22	2.23	2.23



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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
Dr. W. B. Gurnule

COURSE
Inorganic Chemistry Paper-1

SESSION
Summer 2020-2021

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QJT / INTERNSHIP				20%	60%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO 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	2.40	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	3	3	3	3
CO2	2.88	3	2	0	3	0	3	2	3
CO3	2.90	3	3	3	2	3	3	0	3
CO4	2.87	3	3	3	3	3	3	2	3
		25.96	25.91	20.21	31.69	20.19	28.03	20.14	29.63
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	2.88
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KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME

Dr. Rashmi Dubey

COURSE

Chemistry

Paper-II

SESSION

Summer

2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QJT / INTERNSHIP	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	20%	60%	80%	20%	TOTAL CO ATTAINMENT
						AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	
CO1	3.00	0.00	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	0.00	3.00	3.00	3.00	2.51	2.90
CO3	0.00	0.00	3.00	0.00	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	3.00	2.49	2.90

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.93	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
TOTAL WEIGHT		32.00	26.20	23.23	20.30	26.19	14.56	23.30	20.33
		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

[Signature]

Head of the Department

PROFESSOR & HEAD
Department of Chemistry
Kamla Nehru Mahavidyalaya,
Nagpur

[Signature]

Principal

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

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IQAC Coordinator
Kamla Nehru Mahavidyalaya
Nagpur.

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 DR. W. B. GURNULE					COURSE INORGANIC CHEMISTRY Paper-I			SESSION Summer 2021-22	
CO ATTAINMENT									
COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OIT / INTERNSHIP				20%	60%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE	AVERAGE	DIRECT CO	INDIRECT CO	
CO1	5.00	0.00	0.00	0.00	3.00	3.00	3.00	2.80	2.85
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	3.00	3.00
CO3	0.00	0.00	5.00	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	2.85	2.87
PO ATTAINMENT									
CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.85	3	2	0	2	3	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
TOTAL WEIGHT		14.76	25.17	9.73	23.28	14.33	14.46	20.32	11.58
		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 / OIT / INTERNSHIP				20%	60%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.90	2.85
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	3.00	3.00
CO3	0.00	0.00	5.00	0.00	3.00	3.00	3.00	2.27	2.65
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.35	2.67
PO ATTAINMENT									
CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.85	3	2	0	2	3	2	2	2
CO2	3.00	3	2	1	3	0	1	2	1
CO3	2.65	3	2	1	3	1	0	1	0
CO4	2.67	3	2	1	0	3	2	2	1
		14.76	25.17	8.73	23.28	14.33	14.46	20.32	11.58
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



Head of the Department

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Nagpur



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Nagpur.

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				20%	80%	80%	20%	TOTAL CO ATTAINMENT
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE	AVERAGE	DIRECT CO ATTAINMENT	INDIRECT 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
TOTAL WEIGHT		7.22	5.48	4.54	4.46	8.71	5.26	6.35	3.64
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	20%	80%	80%	20%	TOTAL CO ATTAINMENT
					AVERAGE	AVERAGE	DIRECT CO ATTAINMENT	INDIRECT 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	ATTAINMENT	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
TOTAL WEIGHT		10.59	8.70	4.04	6.78	6.73	5.83	8.68	4.85
ATTAINMENT OF POs		0.96	0.97	0.97	0.97	0.96	0.97	0.96	0.97

[Signature]

Head of the Department

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[Signature]

Principal

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Nagpur.

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



KAMLA NEHRU MAHAVIDAYALAYA, 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 / SHI	INTERNSHIP	20%	40%	40%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	
CO1	2.50	0.00	0.00	0.00	2.50	3.00	2.50	2.16	2.75
CO2	0.00	2.50	0.00	0.00	2.50	3.00	2.50	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	2.50	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
TOTAL WEIGHT		29.75	30.01	16.35	21.78	5.56	18.01	13.15	25.73
		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 MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME
Swati A. Chandankhede

COURSE
COMPUTER SCIENCE Paper-2

SESSION
Summer 2021-22

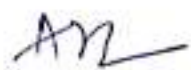
CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OBT / INTERVIEW				20%	40%	40%	20%	TOTAL CO ATTAINMENT
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO 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	2.87

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	2.87	2	2	0	0	3	2	3	2
TOTAL WEIGHT		27.78	27.78	2.81	11.34	10.82	22.15	22.03	16.55
		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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CO PO ATTAINMENT ANALYSIS



KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME
Dr.Aruna Chamatkar

COURSE
COMPUTER SCIENCE Paper-1

SESSION
Summer 2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST	ASSIGNMENT	PROJECT / OJT / INTERNSHIP	20%	80%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	
CO1	0.00	0.00	0.00	0.00	3.00	2.40	2.65	2.45
CO2	0.00	2.50	0.00	2.50	3.00	2.90	2.53	2.83
CO3	0.00	0.00	2.50	2.50	3.00	2.90	2.29	2.78
CO4	0.00	0.00	0.00	2.00	3.00	2.80	2.18	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
TOTAL WEIGHT		29.41	29.51	16.00	21.41	5.23	18.30	11.10	21.45
		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
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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%	80%	80%	20%	TOTAL CO ATTAINMENT
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE	AVERAGE	DIRECT CO	INDIRECT CO	
CO1	0.00	0.00	0.00	0.00	0.00	3.00	2.40	2.61	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	2.48	2.78

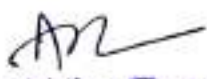
PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.45	3	3	0	0	0	3	2	2
CO2	2.95	3	3	0	1	0	3	2	2
CO3	2.81	2	2	1	3	1	0	1	0
CO4	2.78	2	2	0	0	3	2	3	2
TOTAL WEIGHT		27.21	27.21	2.81	11.35	10.99	21.59	21.75	16.21
		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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Kamla Nehru Mahavidyalaya
Department of Computer Science
2023-2024
B.Sc. (Computer Science)
CO PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME

Prof.Nandini Mungmode

COURSE

COMPUTER SCIENCE

Paper-1

SESSION

Summer

2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20%	80%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO 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	15.84
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 MAHAVIDAYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME

Ravindra Kalambe

COURSE

COMPUTER SCIENCE Paper-2

SESSION

Summer 2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST	ASSIGNMENT	PROJECT / OJT	INTERNSHIP	20%	80%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO 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
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	1.83

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 Sakardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya, Sakardara, Nagpur

Department of Electronics

2023-24

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME
MR. PRAVIN M. SONTAKKE

COURSE
ELECTRONICS Paper-1

SESSION
Summer 2023-24

CO ATTAINMENT

COURSE OUTCOME	20%					80%		80%		TOTAL CO
	TEST / ASSIGNMENT	PROJECT / QJT / INTERNS	AVERAGE	AVERAGE	AVERAGE	DIRECT CO	INDIRECT CO	DIRECT CO	INDIRECT CO	
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.65	2.93	2.93
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.47	2.89	2.89
CO3	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.23	2.86	2.86
CO4	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.16	2.84	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	1	2
CO3	2.86	3	2	1	3	0	1	1	2
CO4	2.84	3	2	1	2	1	3	1	2
TOTAL WEIGHT	12	9	3	8	1	0	6	8	8
ATTAINMENT OF POs	2.88	2.88	2.86	2.87	2.84	2.89	2.89	2.88	2.88

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME
MR. PRAVIN M. SONTAKKE

COURSE
ELECTRONICS Paper-2

SESSION
Summer 2023-24

CO ATTAINMENT

COURSE OUTCOME	20%					80%		80%		TOTAL CO
	TEST / ASSIGNMENT	PROJECT / QJT / INTERNS	AVERAGE	AVERAGE	AVERAGE	DIRECT CO	INDIRECT CO	DIRECT CO	INDIRECT CO	
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.65	2.93	2.93
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.53	2.91	2.91
CO3	0.00	0.00	2.50	0.00	2.50	3.00	2.50	2.25	2.70	2.70
CO4	0.00	0.00	0.00	1.00	1.00	3.00	2.60	2.80	2.90	2.90

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	3	2	2
CO4	2.90	3	3	2	2	1	3	2	2
TOTAL WEIGHT	11	10	4	7	2	10	5	6	6
ATTAINMENT OF POs	2.78	2.77	2.68	2.76	2.63	2.77	2.76	2.76	2.76

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IQAC Coordinator
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Nagpur

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 / IOT / INTERSHIP				30%	40%	30%	20%	TOTAL CO ATTAINMENT
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	
CO1	5.00	5.00	5.00	5.00	5.00	5.00	5.00	2.49	2.90
CO2	0.00	1.00	3.00	0.00	1.00	3.00	1.00	2.50	2.87
CO3	0.00	0.00	3.00	0.00	1.00	5.00	3.00	2.50	2.87
CO4	5.00	0.00	2.00	3.00	3.00	5.00	1.00	7.47	3.88
PO ATTAINMENT									
CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.90	1	3	0	1	2	3	2	3
CO2	2.87	1	3	2	2	2	1	2	1
CO3	2.87	2	2	1	3	1	0	1	2
CO4	2.88	3	1	2	0	3	3	3	3
		11.69	29.33	29.33	17.24	25.86	20.72	23.66	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 / IOT / INTERSHIP				30%	40%	30%	20%	TOTAL CO ATTAINMENT
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	
CO1	5.00	0.00	0.00	0.00	5.00	5.00	5.00	2.50	2.88
CO2	0.00	1.00	0.00	0.00	1.00	3.00	3.00	2.50	2.88
CO3	0.00	0.00	3.00	0.00	1.00	5.00	3.00	2.22	2.88
CO4	5.00	0.00	0.00	1.00	1.00	5.00	5.00	2.22	2.88
PO ATTAINMENT									
CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.88	2	1	1	1	3	2	1	1
CO2	2.88	1	3	1	1	1	1	2	1
CO3	2.88	1	1	2	2	2	2	1	1
CO4	2.88	1	0	1	2	2	2	1	1
		11.75	23.33	20.22	23.33	23.33	20.22	23.33	23.33
TOTAL WEIGHT		12	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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 Kamla Nehru Mahavidyalaya,
 Nagpur

Kamla Nehru Mahavidyalaya
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			
Mrs. Chandani P. Kachave		Environmental Science Paper-1				Summer 2021-22			
CO ATTAINMENT									
COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / DIP / INTERVIEW				20%	40%	60%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE	AVERAGE	DIRECT CO	INDIRECT CO	
CO1	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.65	2.83
CO2	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.52	2.90
CO3	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.30	2.86
CO4	3.00	3.00	3.00	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	2.75	2	2	3	3	3	2	1	3
CO2	2.70	3	2	2	3	3	2	0	3
CO3	2.86	3	3	2	3	3	2	2	3
CO4	2.85	3	3	2	3	2	1	3	3
TOTAL WEIGHT		22	22	22.06	22.75	22.97	21.98	22.16	21.65
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 / DIP / INTERVIEW				20%	40%	60%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE	AVERAGE	DIRECT CO	INDIRECT CO	
CO1	2.00	3.00	3.00	3.00	2.00	3.00	2.50	2.55	2.75
CO2	3.00	3.00	3.00	3.00	3.00	3.00	2.68	2.53	2.73
CO3	3.00	3.00	3.00	3.00	3.00	3.00	2.58	2.51	2.81
CO4	3.00	3.00	3.00	3.00	3.00	3.00	2.42	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	2.78	3	2	2	3	3	2	0	3
CO3	2.81	3	2	2	3	3	2	2	3
CO4	2.57	3	0	3	3	2	3	1	3
TOTAL WEIGHT		22	6	9	9	11	10	9	11
ATTAINMENT OF POs		2.72	2.76	2.72	2.70	2.73	2.70	2.70	2.71

(Signature)
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 SAC Coordinator
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 Nagpur.

CO-PO ATTAINMENT ANALYSIS

SSSSC/14	
Summer	2023-24

[illegible]

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	1	2	2	2	3	3	2	1
CO3	2.83	3	1	3	2	3	3	1	0
CO4	2.83	2	2	0	1	3	3	2	1
		31.48	23.01	20.23	17.14	19.52	22.52	21.33	14.39
TOTAL WEIGHT		11	7	7	6	9	8	8	5
ATTAINMENT OF POS		2.86	2.86	2.86	2.86	2.85	2.87	2.87	2.83



CO-PO ATTAINMENT ANALYSIS

SUSKIP	
Summer	2023-24

COURSE NUMBER	UNIT TEST / ASSIGNMENT / PROJECT / CIT / INTERVIEW				20%	30%	30%	20%	TOTAL CO ATTAINMENT
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE	AVERAGE	DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	
C01	1.00	1.00	0.00	0.00	1.00	1.00	0.00	2.00	2.00
C02	0.00	1.00	0.00	0.00	0.00	1.00	0.00	2.00	2.00
C03	0.00	0.00	1.00	0.00	1.00	0.00	0.00	2.00	2.00
C04	0.00	0.00	0.00	1.00	1.00	1.00	0.00	2.00	2.00

ED/NO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
ED1	2.85	2	2	0	1	5	2	0	0
ED2	2.51	3	2	1	2	0	1	1	2
ED3	2.87	5	5	1	5	2	2	2	5
ED4	2.84	3	3	2	1	3	2	0	1
		61.22	22.58	11.35	19.84	23.68	25.54	18.19	22.17
	TOTAL WEIGHT	11	8	4	7	8	8	5	8
ATTAINMENT OF POs		2.84	2.84	2.88	2.83	2.84	2.84	2.81	2.83

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Kamla Nehru Mahavidyalaya
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
Mrs. M. R. Kalambar

COURSE
Mathematics Paper-1

SESSION
SUMMER 2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20%	30%	50%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	INDIRECT CO	
CO1	3.00	0.00	0.00	0.00	3.00	0.00	0.80	2.20	0.90
CO2	0.00	3.00	0.00	0.00	3.00	0.00	0.80	2.20	0.94
CO3	0.00	0.00	3.00	0.00	3.00	0.00	0.60	2.40	0.94
CO4	0.00	0.00	0.00	3.00	3.00	0.00	0.60	2.40	0.92

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	0.90	3	2	3	3	2	1	0	1
CO2	0.94	3	3	2	2	0	3	2	1
CO3	0.94	3	1	3	3	3	1	3	1
CO4	0.92	3	2	0	3	1	3	0	1
TOTAL WEIGHT	11.80	7.50	5.00	4.70	5.00	3.70	4.70	3.70	3.70
ATTAINMENT OF POs	0.94	0.94	0.93	0.94	0.94	0.94	0.94	0.94	0.94



KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME
Dr. M. V. Borkar

COURSE
Mathematics Paper-2

SESSION
SUMMER 2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20%	30%	50%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	INDIRECT CO	
CO1	3.00	0.00	0.00	0.00	3.00	0.00	0.80	2.20	0.92
CO2	0.00	3.00	0.00	0.00	3.00	0.00	0.80	2.20	0.95
CO3	0.00	0.00	3.00	0.00	3.00	0.00	0.60	2.40	0.94
CO4	0.00	0.00	0.00	3.00	3.00	0.00	0.60	2.40	0.92

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	0.92	3	2	1	1	2	1	1	1
CO2	0.95	3	3	2	2	3	1	1	1
CO3	0.94	3	2	0	3	0	3	1	1
CO4	0.92	3	2	3	1	1	1	1	1
TOTAL WEIGHT	11.70	8.50	5.00	4.00	5.00	3.70	3.70	3.70	3.70
ATTAINMENT OF POs	0.94	0.93	0.93	0.94	0.94	0.94	0.94	0.94	0.94

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Kamla Nehru Mahavidyalaya
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
Ms. V. A. Gujariker

COURSE
Mathematics
Paper-1

SESSION
SUMMER
2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20%	30%	50%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	INDIRECT CO	
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	3	1	2	1	2	1
CO2	2.40	3	3	2	2	1	1	0	1
CO3	2.40	3	1	0	3	0	1	1	1
CO4	2.40	3	2	3	1	2	3	2	1
TOTAL WEIGHT	24.00	12	8	14.00	12.00	12.00	9.00	12.00	9.00
ATTAINMENT OF POs	2.40	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
Dr. M. V. Borkar

COURSE
Mathematics
Paper-2

SESSION
SUMMER
2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20%	30%	50%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	INDIRECT CO	
CO1	1.00	0.00	0.00	0.00	1.00	2.50	2.20	0.00	1.78
CO2	0.00	1.00	0.00	0.00	1.00	2.50	2.20	0.00	1.78
CO3	0.00	0.00	1.50	0.00	1.50	2.50	2.20	0.00	1.84
CO4	0.00	0.00	0.00	2.00	2.00	2.50	2.20	0.00	1.92

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1.78	2	2	1	1	2	1	1	1
CO2	1.78	2	2	2	2	0	1	2	1
CO3	1.84	2	1	0	1	1	1	0	1
CO4	1.92	2	2	2	1	2	1	0	1
TOTAL WEIGHT	21.84	12/12	11.00	9.00	9.00	9.00	7.20	11.00	7.20
ATTAINMENT OF POs	1.82	1.82	1.84	1.81	1.84	1.82	1.84	1.84	1.82

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Nagpur

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



KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME
Miss Rupali R. Mashram

COURSE
Mathematics Paper-1

SESSION
Summer 2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20%	80%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	INDIRECT CO	
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.30	2.88
CO2	0.00	2.50	0.00	0.00	2.50	3.00	2.90	2.10	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	2.88	3	2	2	1	2	3	1	3
CO2	2.78	3	3	1	2	0	1	0	1
CO3	2.88	3	1	0	1	3	3	2	1
CO4	2.88	3	2	3	1	2	1	1	1
TOTAL WEIGHT		12	8	6	5	20.00	11.38	11.45	11.38
ATTAINMENT OF POs		2.85	2.84	2.88	2.83	2.87	2.85	2.87	2.85



KAMLA NEHRU MAHAVIDAYALAYA, NAGPUR
CO-PO ATTAINMENT ANALYSIS

TEACHER NAME
Dr. M.V. Borkar

COURSE
Mathematics Paper-2

SESSION
Summer 2020-2021

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20%	80%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	INDIRECT CO	
CO1	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.43	2.82
CO2	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.15	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	2.47	2.89

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.82	3	2	2	1	1	1	1	1
CO2	2.87	3	2	0	2	1	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
TOTAL WEIGHT		12	20.19	17.79	14.40	17.79	11.51	10.11	11.51
ATTAINMENT OF POs		2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88

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



KAMLA NEHRU MAHAVIDYALAYA, 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%	30%	30%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	INDIRECT CO	
CO1	3.00	0.00	0.00	0.00	3.00	3.00	2.20	2.65	2.39
CO2	0.00	3.00	0.00	0.00	3.00	2.00	2.20	2.67	2.25
CO3	0.00	0.00	1.50	0.00	1.50	2.00	1.90	2.20	1.98
CO4	0.00	0.00	0.00	3.00	2.00	2.00	2.00	2.15	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	5	2	2	1	2
		23.32	19.44	17.46	21.24	21.45	23.71	9.87	21.79
TOTAL WEIGHT		11	9	8	10	10	11	6	10
ATTAINMENT OF POs		2.14	2.16	2.18	2.12	2.15	2.16	2.22	2.17

 KAMLA NEHRU MAHAVIDYALAYA, NAGPUR CO-PO ATTAINMENT ANALYSIS									
TEACHER NAME Ma Shikha Soni				COURSE Microbiology Paper-2				SESSION Summer 2023-24	
CO ATTAINMENT									
COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERNSHIP				20%	30%	30%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	INDIRECT CO	
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	2.67	2.49
CO3	0.00	0.00	3.00	0.00	2.00	2.50	2.40	2.19	2.18
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	1	2	3	2	3	3
CO3	2.18	2	2	2	3	3	2	1	1
CO4	2.31	3	3	2	3	2	3	3	3
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

Head
 Department of Microbiology
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KAMLA NEHRU MAHAVIDYALAYA
DEPARTMENT OF MICROBIOLOGY
SESSION- 2021-22
BACHELOR OF SCIENCE SEMESTER VI
CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, 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 / GIT / INTERNSHIP				20%	30%	30%	20%	TOTAL CO	
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	INDIRECT CO		
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	2.93	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	3	2	2	3	2	
CO2	2.89	3	3	3	3	3	2	2	3	
CO3	2.78	2	2	2	3	3	2	3	3	
CO4	2.71	3	3	2	3	2	3	3	3	
TOTAL WEIGHT		11	11	10	10	10	9	7	9	
ATTAINMENT OF POs		2.83	2.83	2.82	2.81	2.85	2.82	2.80	2.83	

KAMLA NEHRU MAHAVIDYALAYA, 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 / GIT / INTERNSHIP				20%	30%	30%	20%	TOTAL CO	
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	INDIRECT CO		
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	3	2	2	3	2	
CO2	2.89	3	3	3	3	3	2	2	3	
CO3	2.78	2	2	2	3	3	2	3	3	
CO4	2.71	3	3	2	3	2	3	3	3	
TOTAL WEIGHT		11	11	10	10	10	9	7	9	
ATTAINMENT OF POs		2.83	2.83	2.82	2.81	2.85	2.82	2.80	2.83	

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



KAMLA NEHRU MAHAVIDYALAYA, 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 / QIT / INTERSHIP				20%	80%	80%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	INDIRECT CO	
CO1	2.50	0.00	0.00	0.00	2.50	3.00	2.90	2.47	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	2.50	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
TOTAL WEIGHT		31	31	7	10	10	9	7	9
ATTAINMENT OF PO1		2.75	2.75	2.74	2.73	2.75	2.74	2.72	2.75



KAMLA NEHRU MAHAVIDYALAYA, 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 / QIT / INTERSHIP				20%	80%	80%	20%	TOTAL CO
					AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	INDIRECT CO	
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	
CO1	2.50	0.00	0.00	0.00	2.50	3.00	2.90	2.47	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
TOTAL WEIGHT		30.28	30.28	19.17	27.82	27.90	24.82	19.87	24.78
ATTAINMENT OF PO1		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

Mrs. Vandana K. Kharabe

COURSE

PHYSICS

Paper-1

SESSION

Summer

2020-2021

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERSHIP				70%	80%	90%	100%	TOTAL CO
	AVERAGE (INTERNAL)	AVERAGE (EXTERNAL)	DIRECT CO	INDIRECT CO	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	2.79	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	28.00	5.73	20.00
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 Dr.Ashish P. Mahajan				COURSE PHYSICS Paper-2				SESSION Summer 2020-2021	
CO ATTAINMENT									
COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QIT / INTERSHIP				70%	80%	90%	100%	
					AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	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	2.79	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	28.00	5.73	20.00
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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Kamla Nehru Mahavidyalaya
Department of Physics
Session 2021-2022
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 2021-2022	

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OIT / INTERSHIP				20%	30%	30%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	INDIRECT CO	ATTAINMENT
CO1	1.00	0.00	0.00	0.00	1.00	1.00	1.00	1.99	2.99
CO2	0.00	1.00	0.00	0.00	1.00	1.00	1.00	2.24	2.45
CO3	0.00	0.00	1.00	0.00	1.00	1.00	1.00	2.29	2.85
CO4	0.00	0.00	0.00	1.00	1.00	1.00	1.00	2.55	2.87

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.87	1	1	1	2	0	2	0	2
CO2	2.45	1	1	1	2	2	1	1	3
CO3	2.85	1	1	1	2	1	2	0	2
CO4	2.87	1	1	1	2	2	1	1	0
		34.68	34.68	31.61	25.84	14.29	26.71	1.72	10.09
TOTAL WEIGHT		12	12	11	9	9	10	2	7

ATTAINMENT OF POs	2.87	2.87	2.87	2.87	2.84	2.87	2.86	2.87	2.87
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KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME

Dr. Ashish P. Mahajan

COURSE

PHYSICS

Paper-2

SESSION

Summer

2021-2022

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OIT / INTERSHIP				20%	30%	30%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	INDIRECT CO	
CO1	1.00	0.00	0.00	0.00	1.00	1.00	1.00	2.59	2.51
CO2	1.00	1.00	0.00	0.00	1.00	1.00	1.00	2.24	2.40
CO3	0.00	0.00	1.00	0.00	1.00	1.00	1.00	2.22	2.85
CO4	0.00	0.00	0.00	1.00	1.00	1.00	1.00	2.31	2.87

PO ATTAINMENT

CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2.51	1	1	1	2	0	2	0	2
CO2	2.40	1	1	1	2	2	1	1	3
CO3	2.85	1	2	1	2	1	2	0	2
CO4	2.87	1	1	1	2	2	1	1	0
		34.68	34.68	31.61	25.84	14.29	26.71	1.72	10.09
TOTAL WEIGHT		12	12	11	9	9	10	2	7
ATTAINMENT OF POs	2.87	2.87	2.87	2.87	2.86	2.87	2.86	2.87	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 K. Khareba				PHYSICS		Paper-1		Summer	2023-24
CO ATTAINMENT									
COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / QLT / INTERSHIP				20%	30%	30%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	
CO1	3.00	0.00	0.00	0.00	2.00	1.50	1.00	2.45	1.81
CO2	0.00	1.00	0.00	0.00	3.00	1.50	1.00	2.59	1.95
CO3	0.00	0.00	1.00	0.00	1.00	1.50	1.00	2.75	1.90
CO4	0.00	0.00	0.00	0.00	3.00	1.50	1.00	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	1
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	2	0
TOTAL WEIGHT		22.58	22.58	26.71	17.00	9.54	18.88	3.81	13.25
TOTAL WEIGHT		32	32	32	8	8	18	2	7
ATTAINMENT OF POs		1.88	1.88	1.88	1.88	1.91	1.88	1.91	1.88

									
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 / QLT / INTERSHIP				20%	30%	30%	20%	
					AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	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	1.80	2.85	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	1.00	0.00	3.00	1.50	1.80	2.29	1.90
CO4	0.00	0.00	0.00	0.00	3.00	1.50	1.80	2.38	1.88
PO ATTAINMENT									
CO/PO	ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	1.81	3	1	3	2	0	2	0	2
CO2	1.95	3	1	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	26.71	17.00	9.54	18.88	3.81	13.25
TOTAL WEIGHT		32	32	32	8	8	18	2	7
ATTAINMENT OF POs									
		1.88	1.88	1.88	1.88	1.91	1.89	1.91	1.89


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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

Dr. Sucheta Parkar

COURSE

Sociology

Paper-6

SESSION

Summer

2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERNSHIP				20%	30%	30%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE INTERNAL ATTAINMENT	AVERAGE EXTERNAL ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO 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	2.24	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	13.48
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

Bachelor of ARTS SEM VI CO-PO ATTAINMENT ANALYSIS

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME

Dr. Sucheta Parkar

COURSE

Sociology

Paper-6

SESSION

Summer

2021-22

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OIT / INTERNSHIP				20%	80%	60%	20%	TOTAL CO
					AVERAGE INTERNAL	AVERAGE EXTERNAL	DIRECT CO	INDIRECT CO	
	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	3	0	2
		27.52	27.52	7.66	21.81	5.29	16.28	5.59	13.61
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

Dr. Sucheta Parkar

COURSE

Sociology

Paper-6

SESSION

Summer

2023-24

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OIT / INTERNSHIP				20%	30%	30%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE INTERNAL ATTAINMENT	AVERAGE EXTERNAL ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO 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	15.21
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										
					20%	40%	60%	20%		
COURSE OUTCOME	TEST / ASSIGNMENT	PROJECT / QJT / INTERN	AVERAGE	AVERAGE	DIRECT CO	DIRECT CO	TOTAL CO			
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	2.11	2.03	
PO ATTAINMENT										
COMPO	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	
		23.61	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	

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KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME

COURSE

SESSION

DR. VANDANA V. PATIL

ZOOLOGY

Page-2

Summer

2023-24

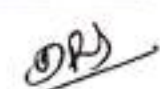
CO ATTAINMENT

	20%	40%	60%	20%	
COURSE OUTCOME	TEST / ASSIGNMENT	PROJECT / QJT / INTERV	AVERAGE	AVERAGE	DIRECT CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT
CO1	3.00	0.00	0.00	0.00	0.94
CO2	0.00	3.00	0.00	0.00	0.96
CO3	0.00	0.00	2.00	0.00	0.74
CO4	0.00	0.00	0.00	3.00	0.96

PO ATTAINMENT

CO/PO	ATTAINMENT	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
TOTAL WEIGHT		10.80	7.20	1.60	9.86	6.98	8.90	1.90	10.80
		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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KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
DEPARTMENT OF ZOOLOGY

SESSION 2020-2021

B.SC. SEM-VI

CO PO ATTAINMENT ANALYSIS

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KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

CO-PO ATTAINMENT ANALYSIS

TEACHER NAME	COURSE	SESSION
DR. VANDANA V. PATIL	ZOOLOGY Paper-2	Summer 2020-21

CO ATTAINMENT

COURSE OUTCOME	UNIT TEST / ASSIGNMENT / PROJECT / OJT / INTERSHIP				20%	40%	60%	20%	TOTAL CO
	ATTAINMENT	ATTAINMENT	ATTAINMENT	ATTAINMENT	AVERAGE ATTAINMENT	AVERAGE ATTAINMENT	DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	
C01	3.00	0.00	0.00	0.00	3.00	3.00	3.00	2.28	2.86
C02	0.00	3.00	0.00	0.00	3.00	3.00	3.00	2.16	2.83
C03	0.00	0.00	3.00	0.00	3.00	3.00	3.00	2.16	2.83
C04	0.00	0.00	0.00	3.00	3.00	3.00	3.00	2.41	2.88

PO ATTAINMENT

CO/PO	ATTAINMENT	P01	P02	P03	P04	P05	P06	P07	P08
C01	2.86	3	2	3	2	2	2	1	3
C02	2.83	3	3	0	3	3	3	0	3
C03	2.83	3	2	1	3	3	3	0	3
C04	2.88	3	3	0	3	0	2	1	3
TOTAL WEIGHT		34.20	22.75	5.69	31.34	21.70	28.86	5.74	34.20
TOTAL WEIGHT		12	8	2	13	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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Smeeta
IQAC Coordinator
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