

B.L.D.E. ASSOCIATION'S
S.B. ARTS AND K.C.P. SCIENCE COLLEGE, VIJAYAPUR
RE-ACCREDITED AT THE 'B⁺⁺' LEVEL

Bachelor of Science

Department of Statistics

MAPPING OF COURSE OUTCOMES WITH PROGRAM OUTCOMES (2023-24)

SEM: I

PAPER: Descriptive Statistics (DSC)

Course Outcomes	Program Outcomes											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	3	2	1	-	-	2	-	1	2	3
CO2	2	3	3	-	3	2	-	2	2	2	3	2
CO3	3	2	2	2	3	3	2	1	1	1	2	2
CO4	3	3	3	3	2	3	-	2	2	2	3	2
CO5	3	2	3	3	2	3	1	2	3	2	3	3

SEM: I

PAPER: Theory based Practical's Descriptive Statistics (DSC)

Course Outcomes	Program Outcomes											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	3	2	1	-	-	2	-	1	2	3
CO2	2	3	3	-	3	2	-	2	2	2	3	2
CO3	3	3	2	2	3	3	2	-	1	1	2	2
CO4	3	3	3	3	2	3	-	2	2	2	3	2
CO5	3	2	3	3	2	3	1	2	3	2	3	3
CO6	1	1	2	-	-	2	1	2	-	-	2	2
CO7	1	-	-	-	2	1	2	3	-	-	1	1

SEM: I

PAPER: Statistical Methods (OEC)

Course Outcomes	Program Outcomes											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	2	2	-	-	1	-	2	1	-	1
CO2	3	2	3	-	1	-	2	-	1	2	1	2
CO3	2	3	3	2	-	1	-	1	1	2	1	-
CO4	2	2	2	3	2	-	1	2	1	1	2	1

SEM: II**PAPER: Probability And Distributions (DSC)**

Course Outcomes	Program Outcomes											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3	3	3	2	3	-	2	2	2	2	2
CO2	3	2	2	3	3	2	1	-	-	2	3	2
CO3	1	2	2	1	-	1	2	1	1	1	1	-
CO4	2	3	1	2	-	2	-	3	3	1	2	3

SEM: II**PAPER: Theory based Practical's on Probability and Distributions**

Course Outcomes	Program Outcomes											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3	3	3	2	3	-	2	2	2	2	2
CO2	3	2	2	3	3	2	1	-	-	2	3	2
CO3	1	2	2	1	-	1	2	1	1	1	1	-
CO4	2	3	1	2	-	2	-	3	3	1	2	3

SEM: II**PAPER: Business Statistics (OEC)**

Course Outcomes	Program Outcomes											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	2	2	3	1	1	-	2	2	3	3	-
CO2	3	2	2	-	3	2	1	-	-	3	2	2
CO3	1	2	2	1	-	1	2	1	1	2	3	-

SEM: III**PAPER: Calculus And Probability Distributions (DSC)**

Course Outcomes	Program Outcomes											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	3	2	1	-	-	2	-	1	2	3
CO2	2	3	3	-	3	2	-	2	2	2	3	2
CO3	3	3	2	2	1	1	2	1	1	1	2	2

SEM: III

PAPER: Theory based Practical's on Calculus and Probability Distributions

Course Outcomes	Program Outcomes											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	3	2	1	-	-	2	-	1	2	3
CO2	2	3	3	-	3	2	-	2	2	2	3	2
CO3	3	3	2	2	1	3	2	1	1	1	2	2

SEM: III

PAPER: Population Studies (OEC)

Course Outcomes	Program Outcomes											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	3	2	1	-	-	2	-	1	2	3
CO2	2	3	3	-	3	2	-	2	2	2	3	2

SEM: IV

PAPER: Statistical Inference-1(DSC)

Course Outcomes	Program Outcomes											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	3	2	1	-	-	2	-	1	2	3
CO2	2	3	3	-	2	2	-	2	2	2	3	2
CO3	3	3	2	2	3	3	2	1	1	1	2	2

SEM: IV

PAPER: Theory based Practical's on Statistical Inference-I

Course Outcomes	Program Outcomes											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	3	2	1	-	-	2	-	1	2	3
CO2	2	3	3	-	3	2	-	2	2	2	3	2
CO3	3	3	2	2	1	-	2	1	1	1	2	2

SEM: V

PAPER-I: Matrix algebra and regression analysis.(DSC)

Course Outcomes	Program Outcomes											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3	3	2	1	-	-	1	-	1	2	3
CO2	2	2	3	-	3	1	-	1	2	2	3	1
CO3	2	2	2	2	1	-	1	1	1	1	2	2
CO4	2	2	3	3	2	1	-	-	1	1	-	2

SEM: V PAPER-I: Theory based Practical's on Matrix algebra and regression analysis

Course Outcomes	Program Outcomes											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	3	2	1	-	-	2	-	1	2	3
CO2	2	3	3	-	3	2	-	2	2	2	3	2
CO3	3	3	2	2	-	2	2	1	1	1	2	2
CO4	3	3	3	3	2	1	-	2	2	2	3	2
CO5	3	2	3	3	2	3	1	2	3	2	3	3
CO5	3	2	1	3	1	-	-	1	-	-	1	1
CO6	3	2	2	3	1	-	-	1	-	-	1	1

SEM: V PAPER-II : Analysis of variance and Design of experiments.

Course Outcomes	Program Outcomes											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	3	2	1	-	-	2	-	1	2	3
CO2	2	3	3	-	1	2	-	2	2	2	3	2
CO3	3	3	2	2	3	3	2	1	1	1	2	2
CO4	3	3	3	3	-	2	-	2	2	2	3	2
CO5	3	2	3	3	2	1	1	2	3	2	3	3

SEM: V PAPER-2: Theory based Practical's on Analysis of variance and Design of experiments

Course Outcomes	Program Outcomes											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	3	2	1	-	-	2	-	1	2	3
CO2	2	3	3	-	3	2	-	2	2	2	3	2
CO3	3	3	2	2	1	3	2	1	1	1	2	2
CO4	3	3	3	3	2	2	-	2	2	2	3	2
CO5	3	2	3	3	2	3	1	2	3	2	3	3
CO6	3	2	2	1	3	-	-	1	2	1	2	-

SEM: VI PAPER-I: Statistical Inference - II

Course Outcomes	Program Outcomes											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	3	2	1	-	1	2	-	1	2	3
CO2	2	3	3	-	1	2	-	2	2	2	3	2
CO3	3	3	2	2	3	3	2	1	1	1	2	2
CO4	3	3	3	3	-	2	-	2	2	2	3	2

SEM: VI

PAPER-I: Theory based Practical's on Statistical Inference -

II

Course Outcomes	Program Outcomes											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	3	2	1	-	-	2	-	1	2	3
CO2	2	3	3	-	1	2	-	2	2	2	3	2
CO3	3	3	2	2	3	3	2	1	1	1	2	2
CO4	3	2	2	1	3	1	-	-	-	1	2	1

SEM: VI

PAPER-II: Sampling methods, Official Statistics and Econometrics.

Course Outcomes	Program Outcomes											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	3	2	1	-	1	2	-	1	2	3
CO2	2	3	3	-	1	2	-	2	2	2	3	2
CO3	3	3	2	2	3	3	2	1	1	1	2	2
CO4	3	3	3	3	-	2	2	2	2	2	3	2
CO5	3	2	3	3	2	1	1	2	3	2	3	3
CO6	3	2	2	3	1	-	-	-	2	3	2	1

SEM: VI

PAPER-II: Practical's on Sampling methods, Official Statistics and

Econometrics

Course Outcomes	Program Outcomes											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	3	2	1	-	1	2	-	1	2	3
CO2	2	3	3	-	1	2	1	2	2	2	3	2
CO3	3	3	2	2	3	3	2	1	1	1	2	2
CO4	3	3	3	3	2	2	2	2	2	2	3	2
CO5	3	2	3	3	2	1	1	2	3	2	3	3

Internship: Data Science Internship

SEM: VI

Course Outcomes	Program Outcomes											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	3	2	2	1	-	1	2	-	1	2	3
CO2	2	3	2	-	1	2	1	2	2	2	3	2
CO3	3	2	3	2	3	3	1	-	2	1	2	1
CO4	2	2	3	3	2	1	-	1	2	2	1	1
CO5	3	1	2	3	2	2	-	1	2	1	1	2



H.O.D.

Department of Statistics
BLDEA's S. B. Arts & K.C.P.
Sci. College, Vijayapur.



IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
Vijayapur.



Principal,
S.B. Arts and KCP Science College,
VIJAYAPUR