

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

Masters of Science

Department of PG Studies in Physics

Mapping of Course Outcome with Programme Outcomes and Programme Specific Outcome

SEM: 1

PAPER: Mathematical Methods in Physics

Cos\Pos s and PSOs	Program Outcomes and Programme Specific Outcome														
	PSO1	PSO2	PSO3	PSO4	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	3	2	3	3	2	1	1	1	3	1	1	2	1	1
CO2	3	3	2	3	2	1	2	1	3	1	1	1	2	1	1
CO3	3	3	3	3	3	1	1	1	2	3	-	2	1	3	2
CO4	3	3	2	3	3	1	1	2	3	3	1	1	2	2	3
CO5	3	3	2	2	3	1	1	2	1	3	-	2	1	2	2

SEM: 1

PAPER: Classical Mechanics

Cos\Pos and PSOs	Program Outcomes and Programme Specific Outcome														
	PSO1	PSO2	PSO3	PSO4	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	3	2	2	3	2	1	2	2	3	1	1	2	2	2
CO2	3	3	2	3	3	1	3	1	1	3	1	1	2	2	1
CO3	3	3	2	3	3	2	2	2	1	3	1	2	1	2	3
CO4	3	3	2	2	3	1	1	2	2	2	3	1	1	2	2
CO5	3	3	2	1	3	1	-	2	2	3	1	1	1	2	3

SEM: 1

PAPER: Nuclear and Particle Physics-General

Cos\Pos and PSOs	Program Outcomes and Programme Specific Outcome														
	PSO1	PSO2	PSO3	PSO4	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	3	2	3	3	1	1	2	1	3	2	1	1	2	3
CO2	3	3	2	2	3	1	1	2	3	3	2	2	2	2	3
CO3	3	3	3	3	3	2	1	2	2	3	2	2	2	3	3
CO4	3	3	2	3	3	1	2	2	1	3	2	1	2	1	2
CO5	3	3	2	2	3	3	3	2	2	3	1	2	2	2	2

SEM: 1**PAPER: Condensed Matter Physics-General**

Cos\Pos and PSOs	Program Outcomes and Programme Specific Outcome														
	PSO1	PSO2	PSO3	PSO4	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	3	3	3	3	2	3	2	2	3	-	2	2	3	2
CO2	3	3	2	2	3	2	2	3	2	3	2	1	2	2	2
CO3	3	3	2	3	3	1	1	2	2	3	2	1	1	2	1
CO4	3	3	2	2	3	2	1	2	2	3	2	1	1	2	3
CO5	3	3	2	3	3	2	1	2	3	3	1	1	2	2	2

SEM: 2**PAPER: Quantum Mechanics**

Cos\Pos and PSOs	Program Outcomes and Programme Specific Outcome														
	PSO1	PSO2	PSO3	PSO4	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	3	2	3	3	1	2	2	2	3	1	1	2	2	2
CO2	3	3	3	2	3	1	2	2	1	2	-	1	2	2	1
CO3	3	3	2	3	3	1	1	2	2	3	1	1	2	2	3
CO4	3	3	3	3	3	1	1	2	2	1	1	2	1	1	3
CO5	3	3	3	1	3	2	2	2	3	3	2	1	2	3	3

SEM: 2**PAPER: Atomic, Molecular and Optical Physics -General**

Cos\Pos and PSOs	Program Outcomes and Programme Specific Outcome														
	PSO1	PSO2	PSO3	PSO4	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	3	3	3	3	3	2	2	3	3	1	1	1	1	1
CO2	3	3	3	2	3	3	2	2	3	3	1	1	1	1	1
CO3	3	3	2	2	3	2	3	3	2	3	1	2	2	1	1
CO4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
CO5	3	3	2	1	3	3	2	1	2	2	1	1	1	2	1
CO6	3	3	2	2	3	3	2	1	2	2	1	1	1	2	1

PAPER: Electronics**SEM: 2**

Cos\Pos and PSOs	Program Outcomes and Programme Specific Outcome														
	PSO1	PSO2	PSO3	PSO4	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	3	3	3	3	3	3	3	3	2	3	2	2	2	3
CO2	3	3	3	2	3	3	3	2	3	3	2	2	2	2	3
CO3	3	3	3	3	3	3	3	2	2	3	2	1	2	2	3
CO4	3	3	3	2	3	3	3	2	3	3	2	2	2	2	1
CO5	3	3	3	3	3	3	3	2	2	3	2	2	2	2	2
CO6	3	3	3	3	3	3	3	2	2	3	2	2	2	2	2

PAPER: Statistical Mechanics**SEM: 3**

Cos\Pos and PSOs	Program Outcomes and Programme Specific Outcome														
	PSO1	PSO2	PSO3	PSO4	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	3	3	3	3	1	1	2	2	2	3	2	2	2	2
CO2	3	3	3	3	3	2	2	2	2	3	2	2	2	2	2
CO3	2	2	3	3	3	2	2	2	2	3	2	2	2	2	2
CO4	2	2	3	3	3	2	2	2	2	3	2	2	2	2	2
CO5	2	2	3	2	3	2	2	2	2	3	2	2	2	2	2

PAPER: Classical Electrodynamics**SEM: 3**

Cos\Pos and PSOs	Program Outcomes and Programme Specific Outcome														
	PSO1	PSO2	PSO3	PSO4	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	2	2	2	3	2	2	3	2	2	3	2	2	3	2
CO2	3	3	2	2	3	3	2	3	3	2	3	3	2	3	3
CO3	3	2	2	3	3	2	2	3	2	2	3	2	2	3	2
CO4	3	3	2	2	3	3	2	3	3	2	3	3	2	3	3
CO5	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2

SEM: 3

PAPER: Condensed Matter Physics -I

Cos\Pos and PSOs	Program Outcomes and Programme Specific Outcome														
	PSO1	PSO2	PSO3	PSO4	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	3	3	3	2	2	2	2	3	3	2	2	2	2	3
CO2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2
CO3	3	3	3	3	3	2	2	2	3	3	3	3	3	2	2
CO4	3	3	3	3	2	2	1	2	2	2	2	2	2	2	3
CO5	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3
CO6	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3
CO7	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2

SEM: 4

PAPER: Quantum Mechanics -II

Cos\Pos and PSOs	Program Outcomes and Programme Specific Outcome														
	PSO1	PSO2	PSO3	PSO4	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	3	2	3	3	2	2	2	2	2	2	2	2	3	2
CO2	3	3	3	3	3	2	2	2	2	2	2	2	1	1	2
CO3	3	3	3	2	2	2	2	2	2	2	2	2	1	1	1
CO4	3	3	3	3	3	3	3	3	3	2	3	2	2	2	3
CO5	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2

SEM: 4

PAPER: Mathematical Methods in Physics -II

Cos\Pos and PSOs	Program Outcomes and Programme Specific Outcome														
	PSO1	PSO2	PSO3	PSO4	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	2	3	3	3	2	3	2	2	2	2	2	2	2	2	2
CO2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
CO3	3	2	2	3	2	2	2	2	2	2	2	3	3	3	2
CO4	3	3	3	2	3	3	3	3	3	3	3	3	2	3	3
CO5	3	3	3	3	3	3	2	2	2	2	2	2	2	2	3

SEM: 4

PAPER: Condensed Matter Physics -II

Cos/Pos and PSOs	Program Outcomes and Programme Specific Outcome														
	PSO1	PSO2	PSO3	PSO4	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	3	3	3	2	2	2	2	3	3	2	2	2	2	3
CO2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2
CO3	3	3	3	3	3	2	2	2	3	3	3	3	3	2	2
CO4	3	3	3	3	2	2	1	2	2	2	2	2	2	2	3
CO5	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3
CO6	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3
CO7	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2

SEM: 4

PAPER: Condensed Matter Physics -III

Cos/Pos and PSOs	Program Outcomes and Programme Specific Outcome														
	PSO1	PSO2	PSO3	PSO4	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	3	3	3	3	2	2	2	2	3	3	2	2	2	2	3
CO2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2
CO3	3	3	3	3	3	2	2	2	3	3	3	3	3	2	2
CO4	3	3	3	3	2	2	1	2	2	2	2	2	2	2	3
CO5	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3
CO6	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3
CO7	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2

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