

# DAV CENTENARY COLLEGE FARIDABAD

## Summary of Lesson Plans of College Faculty

Name of Asst/Associate Professor : Dr. Rashmi

Class & Section: BBA CAM IV

Subject: QT

Academic Session 2023-24 Even Sem

	Date	Topics to be covered
Week 1	01.01.2024	<i>Operations research: Introduction</i>
	02.01.2024	Operations research: Introduction
	03.01.2024	Operations research: evolution
	04.01.2024	Operations research: features
	05.01.2024	methodology
	06.01.2024	methodology
	07.01.2024	<b>Sunday</b>
Week 2	08.01.2024	methodology
	09.01.2024	model building
	10.01.2024	model building
	11.01.2024	Linear programming: terminology
	12.01.2024	operations research: limitations
	13.01.2024	operations research: limitations
	14.01.2024	<b>Sunday</b>
Week 3	15.01.2024	Linear programming: Introduction
	16.01.2024	advantages of Linear programming
	17.01.2024	<b>Guru Govind Singh Jayanti</b>
	18.01.2024	Linear programming: assumptions and limitations
	19.01.2024	Formulation of a linear-programming problems and their solutions by gra
	20.01.2024	Formulation of a linear-programming problems and their solutions by gra
	21.01.2024	<b>Sunday</b>
Week 4	22.01.2024	Formulation of a linear-programming problems and their solutions by Sim
	23.01.2024	Formulation of a linear-programming problems and their solutions by Sim
	24.01.2024	Formulation of a linear-programming problems and their solutions by Sim
	25.01.2024	Formulation of a linear-programming problems and their solutions by Sim
	26.01.2024	Practice of Numerical Questions
	27.01.2024	Practice of Numerical Questions
	28.01.2024	<b>Sunday</b>
	29.01.2024	Practice of Numerical Questions
Week 5	30.01.2024	Practice of Numerical Questions
	31.01.2024	Transportation models
	01.02.2024	<i>obtaining initial feasible solution by NWC method</i>
	02.02.2024	<i>obtaining initial feasible solution by NWC method</i>
	03.02.2024	<i>VOGELS approximation method,</i>
	04.02.2024	<b>Sunday</b>
Week 6	05.02.2024	<i>VOGELS approximation method,</i>
	06.02.2024	<i>VOGELS approximation method,</i>
	07.02.2024	least cost method
	08.02.2024	least cost method

	09.02.2024	Practical Questions
	10.02.2024	Practical Questions
	11.02.2024	<b>Sunday</b>
Week 7	12.02.2024	Test of optimality: Stepping stone
	13.02.2024	Test of optimality: Stepping stone
	14.02.2024	<b>Chotu Ram Jayanti</b>
	15.02.2024	MODI methods
	16.02.2024	MODI methods
	17.02.2024	MODI methods
	18.02.2024	<b>Sunday</b>
Week 8	19.02.2024	Special cases like unbalance problems
	20.02.2024	Practice of Numerical Questions
	21.02.2024	maximization case
	22.02.2024	maximization case
	23.02.2024	maximization case
	24.02.2024	<b>Ravidas Jayanti</b>
	25.02.2024	<b>Sunday</b>
Week 9	26.02.2024	degeneracy
	27.02.2024	degeneracy
	28.02.2024	multiple optimal solutions.
	29.02.2024	Assignment models: mathematical statement
	01.03.2024	Hungarian method
	02.03.2024	Hungarian method
	03.03.2024	<b>Sunday</b>
Week 10	04.03.2024	Hungarian method (minimization and maximization objective)
	05.03.2024	<i>unbalanced assignment problem</i>
	06.03.2024	restrictions
	07.03.2024	multiple optional solutions
	08.03.2024	<b>Maha Shivratri</b>
	09.03.2024	traveling salesman problem.
	10.03.2024	<b>Sunday</b>
Week 11	11.03.2024	<i>PERT/CPM: Introduction,</i>
	12.03.2024	PERT/CPM: terminology and applications
	13.03.2024	PERT/CPM: terminology and applications
	14.03.2024	PERT/CPM: terminology and applications
	15.03.2024	Difference between PERT and CPM
	16.03.2024	Difference between PERT and CPM
	17.03.2024	<b>Sunday</b>
Week 12	18.03.2024	Network construction.
	19.03.2024	<b>Mahaveer jayanti</b>
	20.03.2024	Determining EST, EFT, LST, LFT and floats.
	21.03.2024	Determining EST, EFT, LST, LFT and floats.
	22.03.2024	Probability considerations in PERT.
	23.03.2024	<b>Holi Vacations</b>
	24.03.2024	<b>Holi Vacations</b>

Week 13	25.03.2024	Holi Vacations
	26.03.2024	Holi Vacations
	27.03.2024	Holi Vacations
	28.03.2024	Holi Vacations
	29.03.2024	Holi Vacations
	30.03.2024	Holi Vacations
	31.03.2024	Holi Vacations
Week 14	01.04.2024	Probability considerations in PERT.
	02.04.2024	Time-cost trade-off.
	03.04.2024	Replacement models: Introduction
	04.04.2024	types of failures
	05.04.2024	Replacement for items whose efficiency deteriorates with time and that
	06.04.2024	Replacement for items whose efficiency deteriorates with time and that
	07.04.2024	<b>Sunday</b>
Week 15	08.04.2024	Game theory (elementary)
	09.04.2024	Game theory (elementary)
	10.04.2024	Game theory (elementary)
	11.04.2024	<b>ID-ul-Fitar</b>
	12.04.2024	queuing theory (elementary models)
	13.04.2024	<b>Vaishakhi</b>
	14.04.2024	<b>Sunday</b>
Week 16	15.04.2024	queuing theory (elementary models)
	16.04.2024	queuing theory (elementary models)
	17.04.2024	<b>Ram Navmi</b>
	18.04.2024	M/M/I only
	19.04.2024	M/M/I only
	20.04.2024	queuing theory (elementary models)
	21.04.2024	<b>Sunday</b>
Week 17	22.04.2024	Revision
	23.04.2024	simulation techniques.
	24.04.2024	Revision & Previous Papers Discussed
	25.04.2024	Revision
	26.04.2024	simulation techniques.
	27.04.2024	simulation techniques.
	28.04.2024	<b>Sunday</b>
	29.04.2024	Revision & Previous Papers Discussed
	30.04.2024	Revision & Previous Papers Discussed
	1.05.2024	<b>Examinations</b>

physical method  
physical method

complex method.  
complex method.  
complex method.  
complex method.



fail completely.

fail completely.