



**NSCB Memorial Govt. Degree College  
Hamirpur  
District Hamirpur (H.P.)**

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## Teaching Plan

Session (2024-2025)

**Class: BBA Vth Sem**

**Subject: BBA**

**Code: BBA 501**

**Name of the Teacher: Dr. Bhanu Priya**

**Course: Quantitative Technique for Management**

**Room No: 264**

S. No	Dates	Topics to be covered
Admissions of BBA.5 <sup>th</sup> SEM.(3 <sup>rd</sup> year)	20-05-2024 to 10-06-2024	<b>Admissions</b>
Week 1	13-07-2024 to 15-07-2024	Linear Programming: Formulation of L.P. Problems, Graphical Solutions (Special cases: Multiple optimal solution, infeasibility, unbounded solution)
Week 2	16-07-2024 to 20-07-2024	Simplex Methods (Special cases: Multiple optimal solution, infeasibility, degeneracy, unbounded solution)
Week 3	22-07-2024 to 26-07-2024	Big-M method and Two-phase method;
Week 4	27-07-2024 to 31-07-2024	Duality and Sensitivity (emphasis on formulation & economic interpretation); Formulation of Integer programming, Zero-one programming, Goal Programming.
Week 5	01-08-2024 to 08-08-2024	Elementary Transportation: Formulation of Transport Problem, Solution by N.W.  Corner Rule,
Week 6	09-08-2024 to 12-08-2024	Least Cost method, Vogel's Approximation Method (VAM),
Week 7	13-08-2024 to 16-08-2024	Modified Distribution Method. (Special cases: Multiple Solutions, Maximization case, Unbalanced case, prohibited routes)
Week 8	17-08-2024 to 27-08-2024	Elementary Assignment: Hungarian Method, (Special cases: Multiple Solutions, Maximization case, Unbalanced case, Restrictions on assignment.)
Week 9	28-08-2024 to 31-08-2024	Network Analysis: Construction of the Network diagram,
Week 10	02-09-2024 to 07-09-2024	Critical Path - float and slack analysis
Week 11	09-09-2024 to 14-09-2024	(Total float, free float, independent float), PERT, Project Time Crashing
Week 12	16-09-2024 to 21-10-2024	Introduction to Game Theory: Pay off Matrix-
Week 13	23-09-2024 to 30-09-2024	Two person Zero- Sum game, Pure strategy, Saddle point;
Week 14	01-10-2024 to 07-10-2024	<b>HOUSE EXAME</b>

Week 15	08-10-2024 to 15-10-2024	<b>Seminar</b>
Week 16	16-10-2024 to 22-10- 2024	<b>Seminar</b>
Week 17	23-10-2024 to 28-10- 2024	<b>Seminar</b>
Week 18	29-10-2024 to 03-11- 2024	<b>DIWALI BREAK</b>
Week 19		<b>TERM END EXAMINATION</b>

**Coordinator BBA**

**Principal**