



SNS COLLEGE OF ENGINEERING

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AN AUTONOMOUS INSTITUTION



Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Topic: 2.12 – Tutorial 6

1. A variable trial was conducted on wheat with 4 varieties in Latin Square design. The plan of the experiment and per plot yield are given below:

C(25)	B(23)	A(20)	D(20)
A(19)	D(19)	C(21)	B(18)
B(19)	A(14)	D(17)	C(20)
D(17)	C(20)	B(21)	A(15)

Analyze the data.

2. In a Latin Square Design experiment given below are the yields in quintals per acre on the paddy crop carried out for testing the effect of five fertilizers A, B, C, D, E. Analyze the data for variations.

B 25	A 18	E 27	D 30	C 27
A 19	D 31	C 29	E 26	B 23
C 28	B 22	D 33	A 18	E 27
E 28	C 26	A 20	B 25	D 33
D 32	E 25	B 23	C 28	A 20

3. Analyse the following of Latin square experiment.

Column	Row	1	2	3	4
1		A(12)	D(20)	C(16)	B(10)
2		D(18)	A(14)	B(11)	C(14)
3		B(12)	C(15)	D(19)	A(13)
4		C(16)	B(11)	A(15)	D(20)