

#### SNS COLLEGE OF ENGINEERING

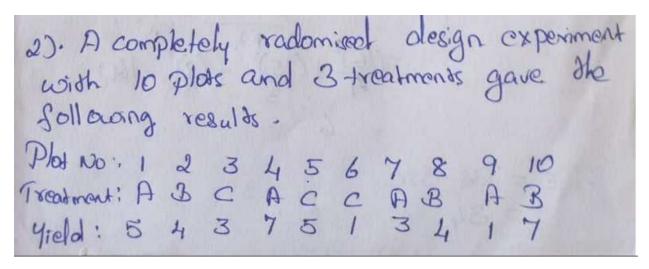
Kurumbapalayam (Po), Coimbatore - 641 107



#### AN AUTONOMOUS INSTITUTION

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

**Topic: 2.5 – One-way classifications - Completely randomized design** 



	10	Ho:	The	re i	s no	Sign	ificant	difference
-		H,:	The	re I	s Sign	i Zi can	+ dizzo	wence .
1	X,	x2	X3	T	x,2	xo2	X32	
· de	100000	-	1	-			9	
		4				16	25	
	3	٦	1	1)	9	49	1	
	1	1		1	1			
	16	15	9	40		81	35	



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$$N = 10$$

$$T = 40$$

$$T = 40$$

$$T = 84 + 81 + 35 - 160 = 40$$

$$= 84 + 81 + 35 - 160 = 40$$

$$= (2 \times 3)^{2} + (2 \times 2)^{2} + (2 \times 2)^{2}$$

variation	Sumof	got	Sum of Squares	Radio:
Btalumas	SSC =6	C-1 = 2	MSC = 500	E- He
Error	SSE=34	N-C =7	MJE = SSE N-C = 4.86	= 1.62



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Table Value F €7,2)=19.35.

C.V LT.V

Ho accepted.