		i u in bles u	1001011
	1911	since there are two categorial variables, a go ahead with chi-square distribution.	
		go ahead with this Square detarbucion	
	$\parallel$	Ho - There is no relationship between gen	dex
_		no - These is no ociationship	
	119	and level of education  Ha = These These is a relationship between	$\sim$
		gendes and level of edication.	
	10		
		x2= 2 (Observed-Enjected)2	
		Expected	
	1 E	supected = Rowtotals x column totals	
	11		
	Bu	applying above formula, below is the	e table of
	len	pected counts	
		Highschool Bacheloss Masters ph.d	Total
male		50.886 49.868 50.377 49.868	
Tale		49.114 48.132 48.623 48.132	194
tal		100 98 99 98	
ca		700 p	
		$1000 \times^2 = (60-50.886)^2 + (40-49.114)^2 + (60-49.114)^2 + ($	E/ 1.9 8(8)
	50		
1	X/2 X I	50.886 49.114	
		+ (44-48.132) (46-50.377) + (53-48.623	1-49.8
		48.132 50.377 48.623	49.86
		2.1 × 21.1	
		+ (57-48,132)2	
		1 (51-48/132)	
		48.132	
		- 8,006	
Do	0*0	es of freedom = (No. of classes -1) - 4-1	1 – A
11 50	y se	(2) 40000011 - (10.0) Classes - 1) - 9=1	
100	ba	1 Value with 2 - 8,0062 dF = 3 and	$\alpha = 0.05$
7.8	15.	Now that x2 coilical is greatex t	than 22,0
1 . 21	1 ~	eight leason the conduction in	
		eject 40.50 the conclusion is -	
1,Th	200	is relationship between gender	and 1
		of education.	
,	-	of source in	