TE: IT-A Roll No: 61

	Subject :-	AT	Exp	eriment / Tutorial / Assignme	ent No. :- 4	Page :-
0.1)	Cour	buct	Regular	Enpression	(Reg Ex)	
a)	r=(00-	+1)*				
b)	₹ =	[(0+1)	(0+1)]*			
c)	7 =	110 (1+0)*			
d)	Y=0"	010	10"		1	
e)	8 =	(0+1)"	0			0
<u></u>	8 =	(0+1)	* 1 (0+	1) (0+1)		
92	7=	(a+b)	ab (a	+6)*	79	0/8/2/
h)	۲ -	[1(o	10°07		<u></u>	
•,)	8-2	(0+1)	*011 (0	+17		·
<u></u>	δ=			101 (0+1)		(0+1) 010 (0+
k)	8=		(1) " 0 "		- -	
و)	γ =	(a+b+c) (a+b+c) (a+6+c) [(a+b+()*]	
m)	8=	(6+/	ab"ab")	, *		
n)	8=	6 ab	ab ab t			

Subject :-	Experiment / Tutorial / Assignment No. :- Page :- 7_						
Q.2) Construct	NFA for fell. Reg Ex:						
4) (611) 0 (8	(0+1)" 0 (0+1)"						
	$(3) \xrightarrow{\circ} (5)_{\varepsilon}$						
-> E >	2 = 7 = 7 = 7						
	(4) - 6 E						
	ξ						
	C C C C C C C C C C C C C C C C C C C						
	12 -> (14) &						
90,00	E + (11) E + (17)						
	E = (13) + + (15) E						
	1						
	E						
	C						
	$(21) \xrightarrow{\circ} (23) \in$						
(8) 0 (19)	E, (20) E (20)						
	(22) - (24) &						
	E						





