SRN						



PES University, Bengaluru (Established under Karnataka Act No. 16 of 2013)

UE20CV101

MAY 2022: END SEMESTER ASSESSMENT B. TECH. I/II SEMESTER **UE20CV101 - ENGINEERING MECHANICS STATICS**

1 a) b)		nd prove Varignon's Theorem.	05
		nd prove Varignon's Theorem.	0.5
b)	Determ		
		ine the components F_a and F_b of the 4-kl Determine the projections P_a and P_b of F	_
		y 	4 kN a x
c)	the two	angle θ must the 800-N force be applie forces has a magnitude of 2000 N? F between R and the vertical.	
		1400 N	
		θ	800 N
B	5		

 \boldsymbol{B}



