## **B. Tech. DEGREE EXAMINATION, MAY - 2015**

## (Examination at the end of Final Year)

## **ELECTRICALS & ELECTRONICS ENGINEERING**

Paper - IV : Embedded Systems & VLSI			
Time: 3 Hours Maximum Marks			
		Answer question No. 1 compulsory	(15)
		Answer ONE question from each unit	$(4 \times 15 = 60)$
1)	a)	Compare and contrast micro controller and Microprocessor.	
	b)	What is scaling?	
	c)	What is meant by logic synthesis?	
	d)	What are limitations of scaling?	
	e)	What is sheet resistance?	
	f)	Compare PLAs and CPLDs.	
	g)	What is embedded system?	
	h)	Write applications of FPGA.	
	i)	What is switch logic?	
		<u>Unit - I</u>	
2)	a)	What is an integrated circuit (IC)? Explain the different types of	integrations for IC.
	b)	Explain the applications of embedded system in details.	

OR

- *3)* a) Write short note set processors ASITPS.
  - b) Explain the different types of embedded systems.

## <u>Unit – II</u>

