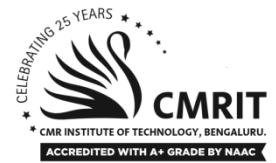


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Internal Assessment Test – Oct. 2019

Sub:	Satellite Communication & Remote Sensing	Sub Code:	15TE72	Branch:	TCE
Date:	Duration: 90 min's	Max Marks: 50	Sem / Sec:	7th	OBE
<u>Answer any FIVE FULL Questions</u>					MARKS
1.	Define resolution of sensor. Also explain its various types.	[10]	CO4	L1	
2.	Why microwave region is preferred over all other regions for remote sensing. Explain surface roughness with respect to it.	[5+5]	CO4	L2	
3. (a)	Define working of LIDAR.	[06]	CO4	L1	
	(b) Write short note on atmospheric interaction.	[04]	CO4	L2	
4.	Explain working of along track and across track scanner along with its neat and clean diagram.	[10]	CO5	L2	
5.	Define sensors and its various types.	[10]	CO4	L2	
6.	Define thermal properties of vegetation in thermal infrared domain.	[10]	CO5	L2	
7.	Write down short notes on following – (any 2) a) LANDSAT Programs b) Geostationary meteorological satellites c) Terra Aqua	[5+5]	CO4	L2	

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