20CE3602-ESTIMATION AND COSTING

						Offe	ring bi	ranch:	CE						
Course Category:			: :	Professional Course							Credits:			3	
Course Type:				Theory							Lecture-Tutorial- Practical:		3-	0-0	
				PC- Surveying SKILL2 - Computer aided Building							Continuous Evaluation:			80	
Prerequisites:				Drawing Using AUTO CAD							Semester End Evaluation:			70	
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		comes	mnlati	on of t	ha aou	rgo th	a etude	nt will	bo ob	la to:					
Орон з		uccessful completion of the course, the student will be able to: Generalize drawings, principles of different works in civil engineering,													
CO1	appı	pproximate methods of estimating and standard specifications for different tems of works in buildings													
						for h	uildin	oc 110i	na o 1	long we	II chor	t woll n	aathad		
CO2	and	Estimate detailed estimates for buildings using a long wall short wall method and centre line method							K4						
CO3	and	Develop the preparation of rate analysis for different works in civil engineering and reinforcement bar bending schedules								K3					
CO4	Sun	ımariz	ze pro	cedure	s of c	ontrac	ts and	l valua	tion					K2	
CO5		Calculate earthwork for roads & canals and prepare reports on estimates for the construction of buildings and roads									К3				
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UNIT		working out quantities for detailed and abstract estimates – Approximate methods of estimating.											CO1		
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		UATION								
	Valua	Valuation of buildings.								
	EARTH WORK FOR ROADS AND CANALS									
UNIT-5	Estimation of earthwork for roads and canals – Lead and Lift considerations									
UNII-5	REPORTS									
	Reports on estimates for the construction of buildings and roads									
		Learning Resources								
	1. B.N.Dutta, Estimating and Costing, 28th edition, UBS Publishers' Distrib									
Text Bo	. 1	Pvt. Ltd, 2016.								
1 ext Bo	oks	2. G.S.Birdie, Estimating and Costing, 7th edition, Dhanpat Rai Publishing								
		Company (P) Ltd, 2016								
Refere	nce	1. A.K.Upadhyay, Civil Estimating and Costing, S.K.Kataria & Sons., 2012.								
Books		2. D.D.Kohli, Estimating and Costing, S.Chand & Company Pvt Ltd, 2013.								
e-Resour other di mater	gital	1. https://www.services.bis.gov.in:8071/php/BIS/PublishStandards/published	#							